

TABLES

Table 1 (1) LIST OF TUBE WELLS IN ZONE I

Well No.	Data Source	Location	Construction		Depth (m)	Diameter (mm)	Depth of Aquifer (Location of screen) (m)	Static Water Level (m)	Pumping Water Level (m)	Drawdown (m)	Elevation (E.L. m)	Water Level (m)	Yield (m ³ /day)	Pump		Annual Yield (m ³ /yr)	Specific Capacity m ³ /m	Salinity (ppm)	Purpose of Use	Remark	
			Year	Month										Type	Operation						
1	DMR	Wat Khok Khi Non Phan Thong	1978	Nov.	72.0																
2	DPW	Khok Khi Non Phan Thong Chon-Buri	1978	Nov.	72.0																
3	DPW	Wat Bost Phanat Nikhom Chon - Buri	1979	Feb.	45.5	150	36 - 45	5.90	38.00	32.10	5	-0.9	24			0.748	683	R			
4	DPW	Phan Thong Phanat Nikhom Chon - Buri	1963	Dec.	51.9			3.00			6	3.0	36								
5	DPW	" "	1963	Nov.	83.0			3.50			6	2.5	60				3800	E			
6	DMR	Nong Kakha Phan Thong Chon Buri	1978	Nov.	41.0	150	18 - 20				7		60								
7	DPW	" "	1978	Nov.	41.0						7										
8	DPW	Na Phrathat Phanat Nikhom Chon-Buri	1981	Jun.	55.9	150	45.5 - 51.5	18.60			6	-12.6	24								
9	DPW	Phanat Nikhom Chon Buri	1960	Aug.	21.0						8										
10	DPW	Na Wang Hin Phanat Nikhom Chon-Buri																			
11	DPW	Nong Khayad " "	1981	Jul.	27.5	150	18 - 24.5	1.15			11	9.5	36								
12	DMR	" "	1978	Dec.	31.5	150	21.5 - 37	3.30	24.00	20.70	17	13.7	24				1.159	237	R		
13	FW	Mon Nong Amphet Phanat Nikhom Chon Buri	1978	Dec.	31.5	150	24 - 28	3.30	27.30	24.00	18	14.7	24				1.000				
14	DPW	Map Phai Ban Bung Chon Buri	1981	Feb.	80.0	200					15		785			276670	200				
15	DPW	Nong Chak " "	1979	Jan.	33.5	100	24 - 30	1.50	16.00	14.50	29	27.5	36				13140	2.483	116	R	
16	DMR	" "	1978	Dec.	25.0	100	18 - 24	1.50	16.50	15.00	48	46.5	36				2.400	581	R		
17	DMR	Ban Rai Kiang Map Phai Chon Buri	1978	Dec.	25.0	100	17 - 25	1.50	18.06	16.56	48	46.5	36				2.174				
18	DMR	Wat Bost Phanat Nikhom " "	1979	Jan.	33.5	100	19 - 30.5	1.50	16.50	16.00			36				2.250				
19	FW	Ban Don Hua Amphet Muang	1979	Feb.	45.5	150	35 - 38	5.90	9.70	3.80			24				6.315				
			1981	Dec.	40.0	200															

Remarks : RID : Royal Irrigation Department
DMR : Department of Mineral Resources
DPW : Department of Public Works
PC : Private Company

FW : Inventory survey

Purposes : Id : Industry E : Exploratory Pump TUR : Turbine
Ir : Irrigation SUB : Submersible
M : Municipal water supply BAL : Ballie
R : Rural water supply RAN : Hand

Table 1. (2) LIST OF TUBE WELLS IN ZONE 2

Well No.	Data Source	Location	Construction		Depth (m)	Diameter (mm)	Depth of Aquifer (m)	Static Water Level (m)	Pumping Water Level (m)	Drawdown (m)	Elevation (E1.m)	Water Level (m)	Yield (m ³ /day)	Pumping		Annual Yield (m ³ /yr)	Specific Capacity (m ³ /m)	Salinity (ppm)	Purpose of Use	Remark
			Year	Month										Type	Operation					
20	DMR	Ban Saen Suk Chon Buri	1962	Dec	67.1	200	55.8 - 61.9	1.53	54.29	52.77	14	12.47						5600	R	
21	DMR	Amphoe Muang Chon Buri	1967	Mar	47.3	200	22.9 - 47.3	7.02	32.64	25.63	25	17.98	120	365	RBN	43200	4.582		R	

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 IR : Irrigation SUZ : Submersible
 M : Municipal water supply BAJ : Balle
 R : Rural water supply RAN : Rand

Table 1 (3) LIST OF TUBE WELLS IN ZONE 4

Well No.	Data Source	Location	Year	Month	Depth (m)	Diameter (mm)	Depth of Aquifer (Location of Screen) (m)	Static Water Level (m)	Pumping Water Level (m)	Drawdown (m)	Elevation (B.L. m)	Water Level (m)	Yield (m ³ /day)	Pump		Annual Yield (m ³ /yr)	Specific Capacity (m ³ /m)	Salinity (ppm)	Purpose of Use	Remark	
														Type	Operation						
22	DPW	Thung Kha Sriracha Chon Buri	1962	Nov.	58.4	150	12.5 - 18.5	2.10			20	17.9	24								
23	DPW	Thung Kha Sriracha Chon Buri	1962	Dec.	22.0	150	12.5 - 18.5	3.00			20	17.0	24								

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 M : Municipal water supply SAL : Saline
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Table 1 (4) LIST OF TUBE WELLS IN ZONE 5

Well No.	Data Source	Location	Construction		Depth (m)	Diameter (mm)	Depth of Aquifer (m)	Static Water Level (m)	Pumping Water Level (m)	Drawdown (m)	Elevation (El.m)	Water Level (m)	Yield (m ³ /day)	Type of Pump		Annual Yield (m ³ /yr)	Specific Capacity (m ³ /m)	Salinity (ppm)	Purpose of Use	Remark
			Year	Month										Type	Operation					
24	DPW	Ban Rong Pao Chon Buri	1961	Mar.	38.1	150	21.5 - 27.5	1.00			5	5	4					624	B	
25	DPW	Ban Rong Pao Chon Buri	1961	Sep.	30.1						5								B	
26	DMR	Bang La Mung Chon Buri	1972	Oct.	48.8						5								B	
27	DMR	Bang La Mung Chon Buri	1967	Mar.	45.8	150	15.3 - 27.5, 33.6 - 38.7	1.53	22.64	21.12	5	3.47	128	365	HAN	46,753	6.061		R	
28	DMR	Bang La Mung Chon Buri	1961	Nov.	42.6						5								B	
29	DPW	Bang La Mung Chon Buri	1961	Jan.	43.3	150	34 - 40.5	5.97			5	-1.97	29						B	
30	DPW	Bang La Mung Chon Buri	1961	Feb.	42.3	150	35 - 41	0.00			5	5	31						B	
31	DPW	Na Khan Bang Lamung Chon Buri	1961	May	60.8	150	41 - 47.5	5.60			15	1	14					250	B	

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Purposes : ID : Industry E : Exploratory Pump TUR : Turbine
 II : Irrigation SUB : Submersible
 M : Municipal water supply SAL : Salls
 R : Rural water supply HAN : Hand

TABLE 1 (3) LIST OF TUBE WELLS IN ZONE 6

Well No.	Data Source	Location	Construction		Depth (m)	Diameter (mm)	Depth of Aquifer (m)	Static Water Level (m)	Pumping Water Level (m)	Drawdown (m)	Elevation (B.M.)	Water Level (m)	Yield (m ³ /day)	Pump		Annual Yield (m ³ /yr)	Specific Capacity m ³ /m	Salinity (ppm)	Purpose of Use	Remark
			Year	Month										Type	Operator					
32	DMR	Nong Pattaya Na Klua Choo Buri	1967	Jan.	30.5	200	13.7-25.9	7.93	24.71	16.78	4	-3.93	55	HAN	365	19929	3.278	425	R	
33	DMR	"	1967	Feb.	45.8	150	12.2-24.4, 30.50-36.6	11.29	27.76	16.47	4	-7.29	27	HAN	365	9965	1.639	199	R	
34	DMR	"	1967	Feb.	35.1	150	12.2-24.4, 30.5-35.8				4								R	
35	DMR	"	1967	Mar.	33.6	150	15.3-33.6	4.88	13.89	9.01	4	-0.88	66	HAN	365	24382	7.325	520	R	
36	DMR	"	1967	Apr.	30.5	200	16.8-30.5	9.15	16.78	7.63	4	-5.15	200	HAN	365	72891	26.212	386	R	
37	DMR	"	1967	Apr.	30.5	200	18.3-30.5	9.15	21.96	12.81	4	-5.15	175	HAN	365	63729	13.661	477	R	
38	DMR	Nong Pya Bang Lamung	1962	Dec.	28.1	200	12.2-27.5	3.58	24.66	21.08	4	-3.58	158	HAN	365	57780	7.495	427	R	
39	DMR	"	1971	Feb.	75.0	200					10		44	TUR	365	15951			IR	
40	DMR	"	1962	Nov.	29.0	200	13.7-25.9	3.97	24.4	20.44	10	6.03	153	TUR	365	55772	7.485	407	R	
41	DMR	"	1962	Nov.	25.6	200	13.7-25.6	3.97	10.07	6.10	13	6.03	256	TUR	365	93623	41.967	356	R	
42	DMR	Pattaya Changwat	1972	Dec.	25.9	150	9.1-21.4	7.02	19.83	12.81	4	-3.02	27						E	

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Table 1 (6) LIST OF TUBE WELLS IN ZONE 7

Well No.	Data Source	Location	Construction		Depth (m)	Diameter (mm)	Depth of Aquifer (m)	Static Water Level (m)	Pumping Water Level (m)	Breakdown (m)	Elevation (B.M.)	Water Level (m)	Yield (m ³ /day)	Pump		Annual Yield (m ³ /yr)	Specific Capacity (m ³ /m)	Salinity (ppm)	Purpose of Use	Remark
			Year	Month										Type	Operation					
43	DPW	Nachomthein Sattahip Chon Buri	1980	Oct.	20.0						4									
44	DPW	Huai Yai Bang Lamung "	1980	Nov.	17.0						20									
45	DPW	Wat Sang Wara Sattahip "	1981	Mar.	24.0			9.00	24.00	15.00	25	16	24			1.600				
46	DPW	Sattahip Sattahip "	1980	Nov.	20.5						20									
47	DPW	" "	1979	Jan.	24.5		18-24	3.90	16.30	12.40	10	6.1	8			0.645	110			
48	DPW	Sannaek, Sattahip Ban Chang, Chon Buri	1981	Jul.	16.5			4.70					8							
49	DPW	Huai Yai Bang Lamung Chon Buri	1980	Oct.	13.5		7-13													
50	DPW	Wat Sni Thamng Masat, Sattahip, Chon Buri	1979	Jan.	24.2		21-24	3.90	19.9	16.00			8			0.500				

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 R : Rural water supply RAN : Rand

Table 1 (7) LIST OF TUBE WELLS IN ZONE 8

Well No.	Data Source	Location	Year Constructed		Depth (m)	Diameter (mm)	Length of Aquifer (m)	Elevation of Base of Aquifer (m)	Static Water Level (m)	Pumping Water Level (m)	Drawdown (m)	Elevation (B.L. m)	Water Level (m)	Yield (m ³ /day)	Pump		Annual Yield (m ³ /yr)	Specific Capacity (m ³ /m)	Salinity (ppm)	Purpose of Use	Remark
			Type	Operation																	
51	DPW	Satsahip Chon Buri	1973	Jun.	16.8	150	3.2-15.3	0.00	8.00	8.00	8.00	13	13	310	HAN	Operation	38.75	213	R		
52	DPW	" "	1973	Jul.	19.9	150	10.7-18.3	1.07	14.16	19.09	19.09	13	11.93	229	HAN	Operation	11.998	364	R		
53	DPW	Pheuang King Ban Chang	1981	Jul.	21.0	150	12 -18.5	3.00				30	27	55	HAN	Operation		1245	R		

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Table 1 (8) LIST OF TUBE WELLS IN ZONE 9 (1/2)

Well No.	Data Source	Location	Construction		Depth (m)	Diameter (mm)	Depth of Aquifer (screen) (m)	Static Water Level (m)	Pumping Water Level (m)	Elevation (m)	Water Level (m)	Yield (m ³ /day)	Pump		Annual Yield (m ³ /yr)	Specific Capacity (m ³ /m)	Salinity (pptm)	Purpose of Use	Remark	
			Year	Month									Type	Operation						
54	DPW	Huai Song Muang Rayong	1981	Dec	29.8	100	22 - 28			78										
55	DPW	"	1981	Dec	24.0	150	17.5 - 28.5			78										
56	DPW	"	1985	May	25.5	150	18 - 25	4.00		78	74	136								
57	DPW	"	1985	Jun	32.0	150	18.5 - 24.5			78										
58-1	RID	A. Muang Chang Wat Rayong	1981	Jan	13.7	100				31										
58-2	"	"	"	"	15.3	100	9.2 - 12.2	0.92			30.1	298								
58-3	"	"	"	"	10.7	100	7.6 - 10.7	3.30	4.35		1.05	327				311.4	11			
58-4	"	"	"	"	24.4	100	3.1 - 9.2, 18.3 - 21.4	2.75	3.71		0.96	421				438.5	14			
58-5	"	"	"	"	24.4	100	3.1 - 5.1, 10.7 - 22.9	2.39	3.87		1.48	327				325.5	14			
58-6	"	"	"	"	24.4	100	4.6 - 22.9	2.36	3.99		1.63	233				142.9	14			
58-7	"	"	"	"	19.8	100	6.1 - 18.3	2.52	4.63		2.11	283				134.1	19			
58-8	"	"	"	"	19.8	100	6.1 - 18.3	2.52	4.83		2.31	123				53.28	46			
58-9	"	"	"	"	19.8	100	6.1 - 18.3	3.64	7.22		3.58	230				64.28	14			
58-10	"	"	"	"	22.9	100	9.2 - 21.4	3.81	6.35		2.54	131				51.57	25			
58-11	"	"	"	"	25.9	100	12.2 - 24.4	3.74	4.77		1.03	270				282.1	18			
58-12	"	"	"	"	22.9	100	9.2 - 21.4	2.49	6.63		4.14	167				40.34	40			
58-13	"	"	"	"	25.9	100	12.2 - 24.4	3.86	9.07		5.21	117				22.48	28			
58-14	"	"	"	"	21.4	100	7.6 - 19.8	3.00	6.41		3.41	191				56.01	11			
58-15	"	"	"	"	19.8	100	6.1 - 18.3	2.92	4.78		1.86	177				95.16	28			
58-18	"	"	"	"	18.3	100	6.1 - 15.3	3.00	4.58		1.58									
58-19	"	"	"	"	18.3	100	6.1 - 15.3	2.82	5.39		2.57									
58-20	"	"	"	"	18.3	100	6.1 - 15.3	2.97	4.60		1.63									
58-21	"	"	"	"	18.3	100	6.1 - 15.3	3.00	4.58		1.58									
59-1	FW	Map Ta Phat Muang Rayong	1981	Dec	23.0	100	8 - 14	3.80			16.1	108		SUB	151	16308				
59-2	"	"	"	"				3.90				108		"	"	"				

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 Ir : Irrigation SUB : Submersible
 M : Municipal water supply SAL : Sale
 R : Rural water supply RAN : Hand

Table 1 (9) LIST OF TUBE WELLS IN ZONE 10 (1/2)

Well No.	Data Source	Location	Year		Depth (m)	Diameter (mm)	Depth of Aquifer (m)	Static Water Level (m)	Pumping Water Level (m)	Drawdown (m)	Elevation (B.M.)	Water Level (m)	Yield (m ³ /day)	Pump		Annual Yield (m ³ /yr)	Specific Capacity (m ³ /m)	Salinity (ppm)	Purpose of Use	Remark
			Year	Month										Type	Operator					
74	DPW	Yap Ka Ban Khai Rayong	1961	Feb.	12.2															
75	DPW	Nong Lalok Ban Khai Rayong	1979	May	15.0	150	9 - 15	5.50			50	39.5	24	BAL	365	8760		9	E	
76	DPW	Xae Nam Ku Pluang Deang "	1981	May	32.0															
77	DPW	La Han "	1981	Jun.	5.3															
78	DPW	Tasit "	1978	Sep.																
79	DPW	Ban Tasit "	1982	Sep.	24.4	150					20									
80	DPW	Nong Lalok Ban Khai	1961	May	9.3						25									
81	DPW	"	1961	May	22.0	150	8.5 - 14.5				45									
82	DPW	"	1961	May	14.5	150	6 - 13.5				45									
83	DPW	"	1961	May	12.8	150	6.5 - 12.5				45									
84	DPW	"	1961	May	12.4						45									
85	DPW	"	1961	Sep.	100.5						45									
86	DPW	Nong Lalok "	1962	Apr.	52.8	150	42 - 49	10.20			45		24							
87	DPW	"	1962	May	19.3	150	12.5 - 19	8.40			45		600							
88	DPW	"	1964	May	20.3	150	12 - 18	2.70			45		96							
89	DPW	"	1964	Apr.	20.8						45									
90	DPW	"	1964	Apr.	15.3	150	8.8 - 15	9.00			45		36							
91	DPW	"	1964	Apr.	21.5						45									
92	DPW	Ban Khai "	1975		53.4	150	12.2 - 24.4, 36.6 - 42.7				9		109							Ir Salinity
93	DPW	Ban Khai Ban Khai Rayong	1972	Dec.	53.4	150	12.2 - 24.4	1.53	12.51	10.98	8	6.47	382				34.79			
94	FW	Ban Rayong	1981								5									
95	RID	Irrigation Office C.W. "	1972	Dec.	35.1	150					3									
96	DPW	La Han Pluang Deang "	1977	Oct.	18.0	150	9 - 18	1.60	6.10	4.50	75	73.4	36	TUR	365	13140	8.00	16	R	
97	DPW	"	1981	Jun.	15.7						83									
98	DPW	"	1977	Oct.	19.0	150	9.5 - 15.5	3.40	5.05	1.65	65	61.6	26	BAL	365	8760	15.758	5	R	

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Table 1 (9) LIST OF TUBE WELLS IN ZONE 10 (2/2)

Well No.	Data Source	Location	Construction		Depth (m)	Diameter (mm)	Depth of Aquifer (m)	Static Water Level (m)	Pumping Water Level (m)	Drawdown (m)	Elevation (E.L.m)	Water Level (m)	Yield (m ³ /day)	Pump		Annual Yield (m ³ /yr)	Specific Capacity (m ³ /m)	Salinity (ppm)	Purpose of Use	Remark
			Year	Month										Type	Operational					
99	DPW	La Han Piuang Deang Rayong	1981	Jun.	10.5	150	3 - 9	0.80				24	365	HAN	365	8760		8	R	
100	DPW	Ban La Han Ban Khai	1972	Dec.	16.8														R	
101	DMR	Nong Sua			68.0														R	
102	DMR	Mae Nam Kha Piuang Deang	1981		32.0														R	
103	DMR	Nong La lok Ban Khai	1979	May	15.0	150	8.5 - 15	5.50				24	365	HAN	365	8760			R	
104	DMR	Map Kha	1979	May	15.0	150	6 - 11	7.50				24	365	HAN	365	8760			R	

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Table 2 SUMMARY OF SHALLOW WELL SAMPLING SURVEY

No.	Ground Level ^{/1} (El. m)	Depth (m)	Casing Height above Ground (m)	Ground Water Level (El. m)	Water Depths of Wall (m)	Diameter (mm)
1.	12	5.008	0.730	11.728	4.006	1,200
2.	50	4.150	0.600	49.255	2.805	1,200
3.	12	5.385	0.575	11.230	4.040	1,000
4.	50	10.870	0.700	42.528	2.698	1,200
5.	21	3.130	0	19.740	1.870	2,000
6.	20	9.585	0.720	13.573	2.438	1,200
7.	45	6.900	0.715	43.015	4.200	1,000
8.	66	5.255	0.700	62.265	0.820	1,500
9.	100	11.530	0.710	89.965	0.785	900
10.	9	4.815	0.830	7.595	2.580	900
11.	65	6.520	0.820	64.560	5.280	1,200
12.	60	11.300	0.690	53.340	3.950	1,000
13.	15	3.745	0.650	14.245	2.340	900
14.	5	2.530	0.420	3.685	0.795	900
15.	10	3.850	0.664	8.788	1.974	900
16.	60	4.245	0.744	58.094	1.595	900
17.	100	4.900	0.465	99.293	3.728	1,000
18.	95	3.621	0.550	91.929	1.751	1,000
19.	75	4.780	0	72.278	2.058	2,000
20.	15	9.675	0.600	10.618	4.693	1,200
21.	5	6.800	0.585	1.340	2.555	1,200
22.	147	9.770	0.340	141.100	3.530	850
23.	80	7.250	0.750	77.180	3.680	1,000
24.	60	6.430	0.515	55.935	1.850	500
25.	55	4.180	0.420	53.240	2.000	1,200
26.	8	3.335	0.538	6.223	1.020	800
27.	15	5.830	0.510	12.420	2.740	1,000
28.	35	3.470	0.810	34.825	2.485	1,200
29.	65	11.840	0.464	61.039	7.415	950
30.	28	4.145	0.610	26.730	2.265	900
31.	38	4.552	0.800	36.708	2.460	900
32.	9	4.800	0.810	8.090	3.080	1,900
33.	8	3.800	0.822	6.307	1.285	900
34.	8	3.500	0.610	7.000	1.890	1,200

^{/1}: Approximate elevation

Note: Location of shallow well is shown in Fig. 4.

Table 3 GROUNDWATER ABSTRACTION BY DEEP
TUBE WELLS BY ZONE AND USE

Zone	Industry		Rural Water Supply		Total	
	Nos. of well	Quantity	Nos. of well	Quantity	Nos. of well	Quantity
	(nos.)	(10 ³ m ³ /yr)	(nos.)	(10 ³ m ³ /yr)	(nos.)	(10 ³ m ³ /yr)
1	1	276.7	1	13.1	2	289.8
2	-	-	1	43.2	1	43.2
3	-	-	-	-	-	-
4	-	-	-	-	-	-
5	-	-	1	46.8	1	46.8
6	1	16.0	8	398.1	9	414.1
7	-	-	2	6.0	2	6.0
8	-	-	-	-	-	-
9	11	179.4	-	-	11	179.4
10	3	77.0	9	114.8	12	191.8
Total	16	549.1	22	622.0	38	1,171.1

Table 4 (1) NUMBER OF HOUSEHOLDS BY ZONE

ZONE 1

Administrative Division			Administrative Division		
Division No.	Name	No. of households	Division No.	Name	No. of households
<u>Rural Area</u>					
1	Khlong Tamru	362	44	Nong Khayat	437
2	Don Hua Lo	386	45	Na Matoom	290
3	Nong Mai Daeng	653	46	Thung Khwang	481
5	Na Pa	776	47	Mon Nang	1,462
6	Sammak Bok	215	48	Na Ruk	905
8	Nong Ri	916	49	Tha Bun Mi	2,656
19	Bang Hak	169	59	Nong Chak	1,264
20	Ko Loi	356	60	Map Phai	580
21	Khok Khi Non	388	61	Nong Bon Daeng	700
22	Bang Nang	540	62	Ban Bung	2,798
23	Na Pradu	284	63	Nong Sam Sak	416
24	Ban Kao	316	64	Khlong Kiew	3,446
25	Phan Thong	946	65	Nong Irun	3,256
26	Nong Tamlung	919	66	Bo Kwang Thong	594
27	Nong Kakha	363	67	Wat Suwan	1,403
28	Map Pong	749	68	That Thong	1,403
29	Nong Hong	546	69	Bo Thong /1	1,200
30	Tha Kham	318	70	Nong Sua Chang /1	222
31	Sa Si Liam	714	71	Nong Yai /1	993
32	Kok Phloa	427			
33	Wat Luang	461		Sub-total	41,633
34	Hua Thanon	648			
35	Wat Bot	546		<u>Urban Area</u>	
36	Rai Lak Thong	400	50	K.A. Phanat Nikhom	2,360
37	Nong Pru	604			
38	Nong Hiang	1,623		Sub-total	2,360
39	Na Phra That	439			
40	Ban Soet	394		TOTAL	43,933
41	Ket Ngong	353			
42	Ban Chang	487			
43	Na Wang Hin	526			

Note: Division Number refers to Fig. 6

/1: 50 % of the entire area.

Table 4 (2) NUMBER OF HOUSEHOLDS BY ZONE

ZONE 2			ZONE 3		
Administrative Division			Administrative Division		
Division No.	Name	No. of households	Division No.	Name	No. of households
<u>Rural Area</u>			<u>Rural Area</u>		
4	Bang Sai	1,201	51	Bang Phra	18,530
7	Ban Suan	4,327			
9	Ang Sila	542		Sub-total	18,530
10	Ban Puk	316			
11	Samet	800			
12	Huai Kapi	764		<u>Urban Area</u>	
13	Nong Khang Khok	555	-	-	-
14	Saen Suk	2,538			
		597		Sub-total	-
	Sub-total	11,640		TOTAL	18,530
<u>Urban Area</u>					
16	Makham Yong	} 9,805			
17	Ban Khot				
18	Bang Pla Soy				
	Sub-total	9,805			
	TOTAL	21,445			

Note: Division Number refers to Fig. 6

Table 4 (3) NUMBER OF HOUSEHOLDS BY ZONE

ZONE 4			ZONE 5		
Administrative Division			Administrative Division		
Division No.	Name	No. of households	Division No.	Name	No. of households
<u>Rural Area</u>			<u>Rural Area</u>		
52	Surasak	1,589	75	Nong Pla Lai	746
53	Nong Kham	1,513	76	Nong Pru /3	1,036
54	Khao Khan Sang /1	971	77	Pong /4	485
55	Thung Sukhla	1,974	-----		
56	Ban Bung	2,005	Sub-total		2,267
57	Bo In /2	668	-----		
73	Takhian Tia	625	<u>Urban Area</u>		
Sub-total		8,568	74	Na Klua	75
<u>Urban Area</u>			80	Bang Lamung	1,004
58	K.A. Siracha	2,780	85	Na Klua /5	} 2,549
Sub-total		2,780	86	Nong Pru /5	
-----			87	Nong Pla Lai /5	
TOTAL			88	Huai Yai /5	
TOTAL		11,348	89	Ko Lan /5	
-----			Sub-total		5,628
-----			TOTAL		7,895

Note: Division Number refers to Fig. 6

/1: 20 % of the entire area

/2: 30 % of the entire area

/3: 60 % of the entire area

/4: 70 % of the entire area

/5: 40 % of the entire area

Table 4 (4) NUMBER OF HOUSEHOLDS BY ZONE

ZONE 6			ZONE 7			
Administrative Division			Administrative Division			
Division No.	Name	No. of households	Division No.	Name	No. of households	
<u>Rural Area</u>			<u>Rural Area</u>			
76	Nong Pru /1	690	79	Huai Mai /3	1,335	
77	Pong /2	208	81	Na Chom Thian	886	
79	Huai Mai /1	890	82	Bang Sare (1, 2)	1,371	
-----			83	Sattahip	5,921	
	Sub-total	1,788	84	Phlu Ta Luang	2,205	
-----			119	Samnak Kathon	1,376	
<u>Urban Area</u>			94	Phanat Nikhom /4	2,603	
85	Na Klua /3	} 3,823	-----			
86	Nong Pru /3		Sub-total			15,697
87	Nong Pla Lai /3		-----			
88	Huai Yai /3		<u>Urban Area</u>			
89	Ko Lan /3		-			-
-----			-----			
	Sub-total	3,823	Sub-total			-
-----			-----			
TOTAL		5,611	TOTAL		15,697	

Note: Division Number refers to Fig. 6

/1: 40 % of the entire area

/2: 30 % of the entire area

/3: 60 % of the entire area

/4: 20 % of the entire area

Table 4 (5) NUMBER OF HOUSEHOLDS BY ZONE

ZONE 8			ZONE 9		
Administrative Division			Administrative Division		
Division No.	Name	No. of households	Division No.	Name	No. of households
<u>Rural Area</u>			<u>Rural Area</u>		
120	Phala	2,655	121	Huai Pong	1,273
			122	Map Ta Phut	1,660
			124	Noen Phra /1	635
	Sub-total	2,655		Sub-total	3,568
<u>Urban Area</u>			<u>Urban Area</u>		
	Sub-total	-			
	TOTAL	2,655		Sub-total	-
				TOTAL	3,568

Note: Division Number refers to Fig. 6

/1: 60 % of the entire area

Table 4 (6) NUMBER OF HOUSEHOLDS BY ZONE

ZONE 10

Administrative Division			Administrative Division		
Division No.	Name	No. of households	Division No.	Name	No. of households
<u>Rural Area</u>			<u>Urban Area</u>		
72	Khlong Phlu /1	105	134	Tha Pradu	6,718
54	Khao Khan Sang /2	777			
57	Bo In /3	1,337			
70	Nong Sua Chang	444		Sub-total	6,718
78	Khao Mai Kaeo	535			
90	Ta Sit	1,069		TOTAL	31,917
91	Pluk Daeng	2,129			
92	Lahan	1,490			
93	Mae Nam Khu	1,264			
94	Phanat Nikhom /2	2,082			
95	Map Kha	2,555			
96	Nong Lalok	1,115			
97	Nong Taphan	453			
98	Nong Bua /4	933			
99	Bang But /5	577			
100	Ban Khai	829			
101	Chak Bok	912			
102	Ta Khan	908			
123	Thap Ma	768			
124	Noen Phra /2	423			
125	Nam Khok	348			
126	Choeng Noen	1,042			
127	Pak Nam	253			
128	Na Ta Khwan	679			
129	Ban Laeng	758			
130	Taphong /6	402			
131	Krachet /7	194			
103	Pa Yup Nai	818			
	Sub-total	25,199			

Note: Division Number refers to Fig. 6

/1: 10 % of the entire area

/2: 80 % of the entire area

/3: 40 % of the entire area

/4: 90 % of the entire area

/5: 60 % of the entire area

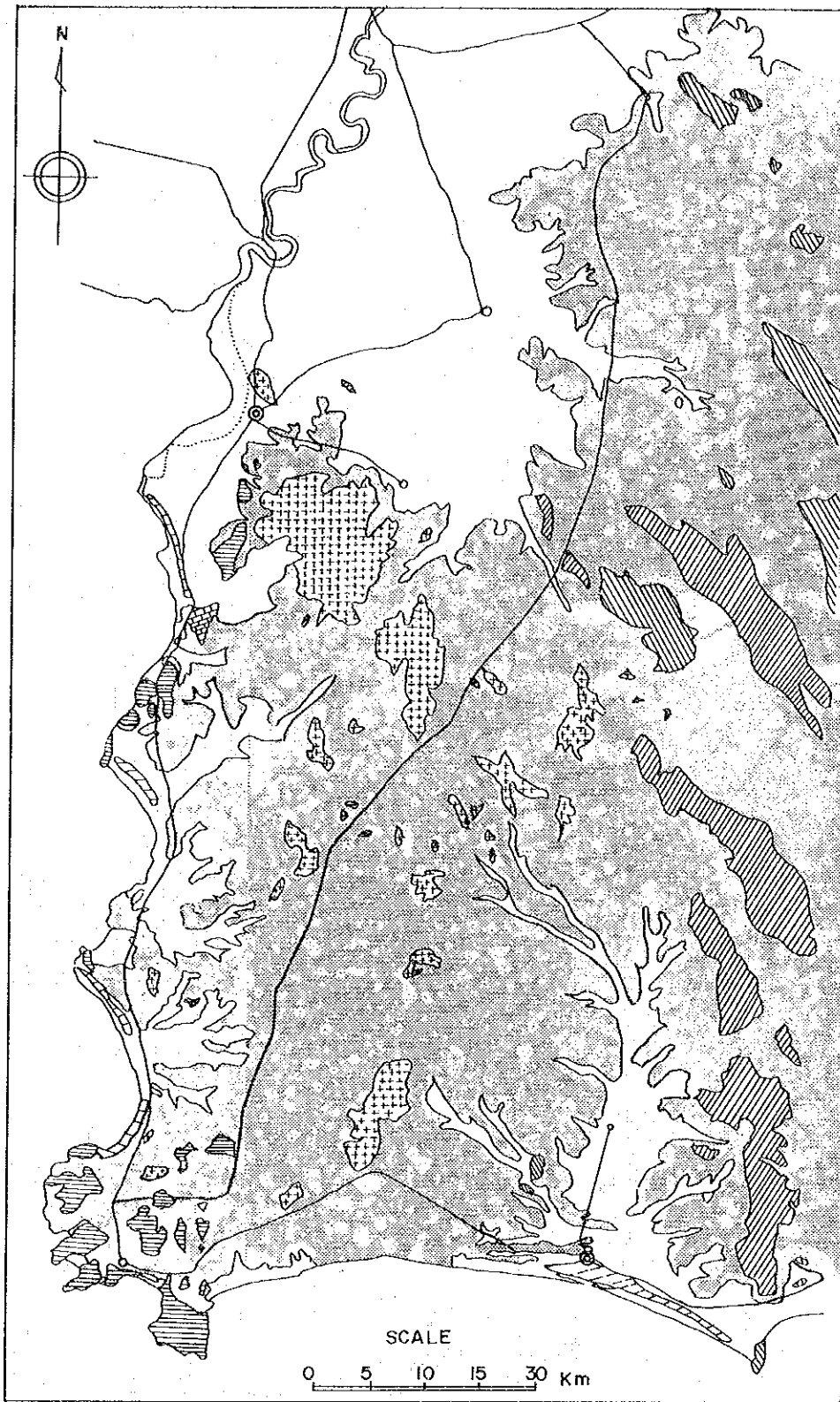
/6: 30 % of the entire area

/7: 20 % of the entire area

Table 5 - SPECIFIC CAPACITY - FREQUENCY

Specific capacity (m ³ /m)	Frequency (nos.)	Specific capacity (m ³ /m)	Frequency (nos.)
0.1 - 1	3	38 - 39	1
1 - 2	4	40 - 41	1
2 - 3	5	41 - 42	1
3 - 4	1	51 - 52	1
4 - 5	1	53 - 54	1
6 - 7	4	56 - 57	1
7 - 8	3	64 - 65	1
8 - 9	2	95 - 96	1
11 - 12	1	130 - 140	1
13 - 14	1	140 - 150	1
14 - 15	1	260 - 270	1
15 - 16	1	310 - 320	1
22 - 23	1	320 - 330	1
26 - 27	1	430 - 440	1
34 - 35	1		

FIGURES



LEGEND

- | | | | | |
|--|--|--|---|-------------------------|
| | Alluvium deposit, beach sand | | Quartzite, quartz schist, slaty shale black slate, argillaceous limestone, and quartzitic sandstone | ORDOVICAN |
| | Dune sand | | Quartz mica schist, phyllite quartzite | PRE CAMBRIAN |
| | High and low terrace deposit, fan deposits, laterite | | Gneiss and gneissose granite | |
| | Beaded and massive gray to dark dray limestone | | Granite, fine grained massive | CARBONIFEROUS, TRIASSIC |
| | ALLUVIUM | | | |
| | OLD ALLUVIUM | | | |
| | QUATERNARY | | | |

Fig. 1 General Geological Map

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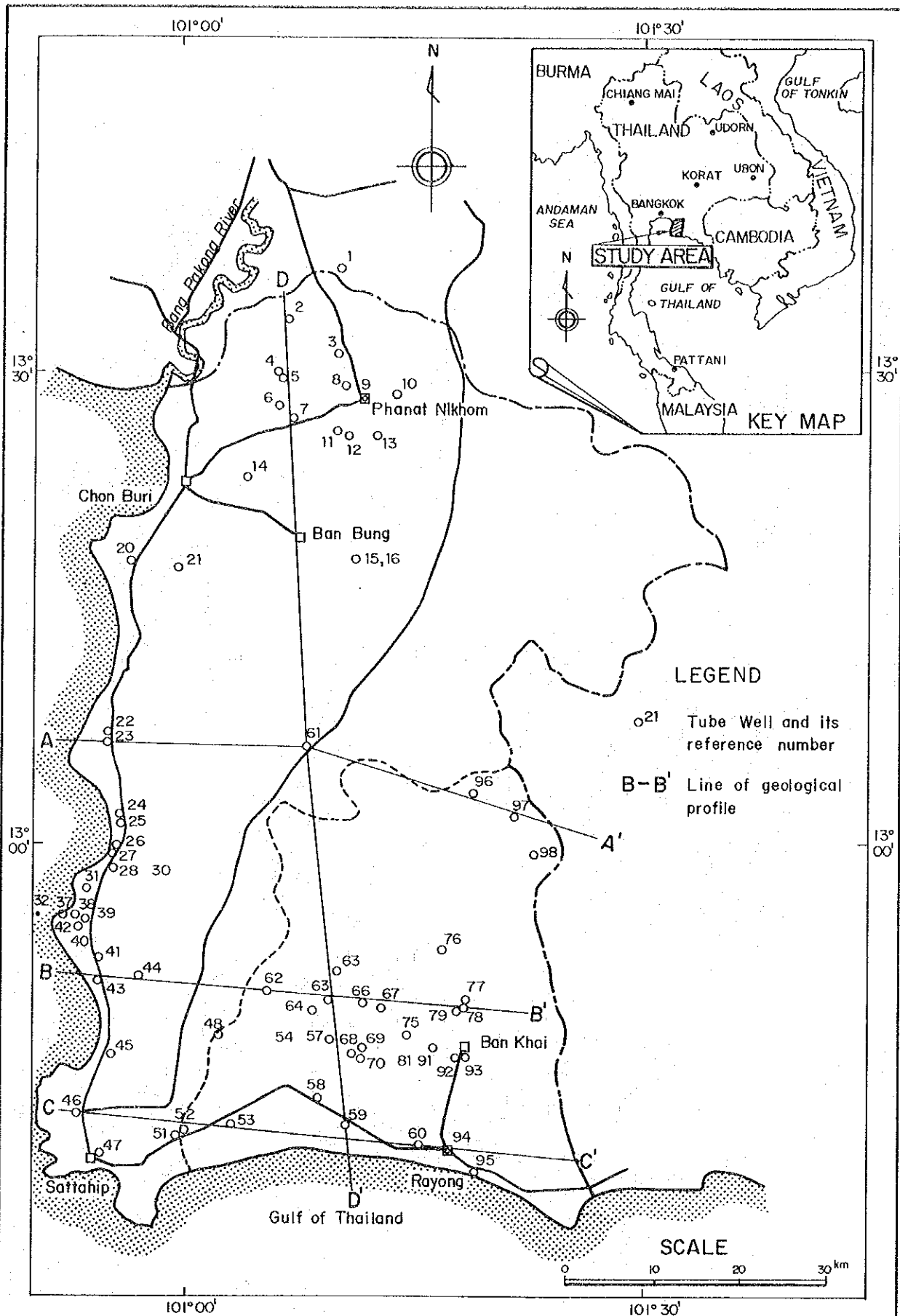
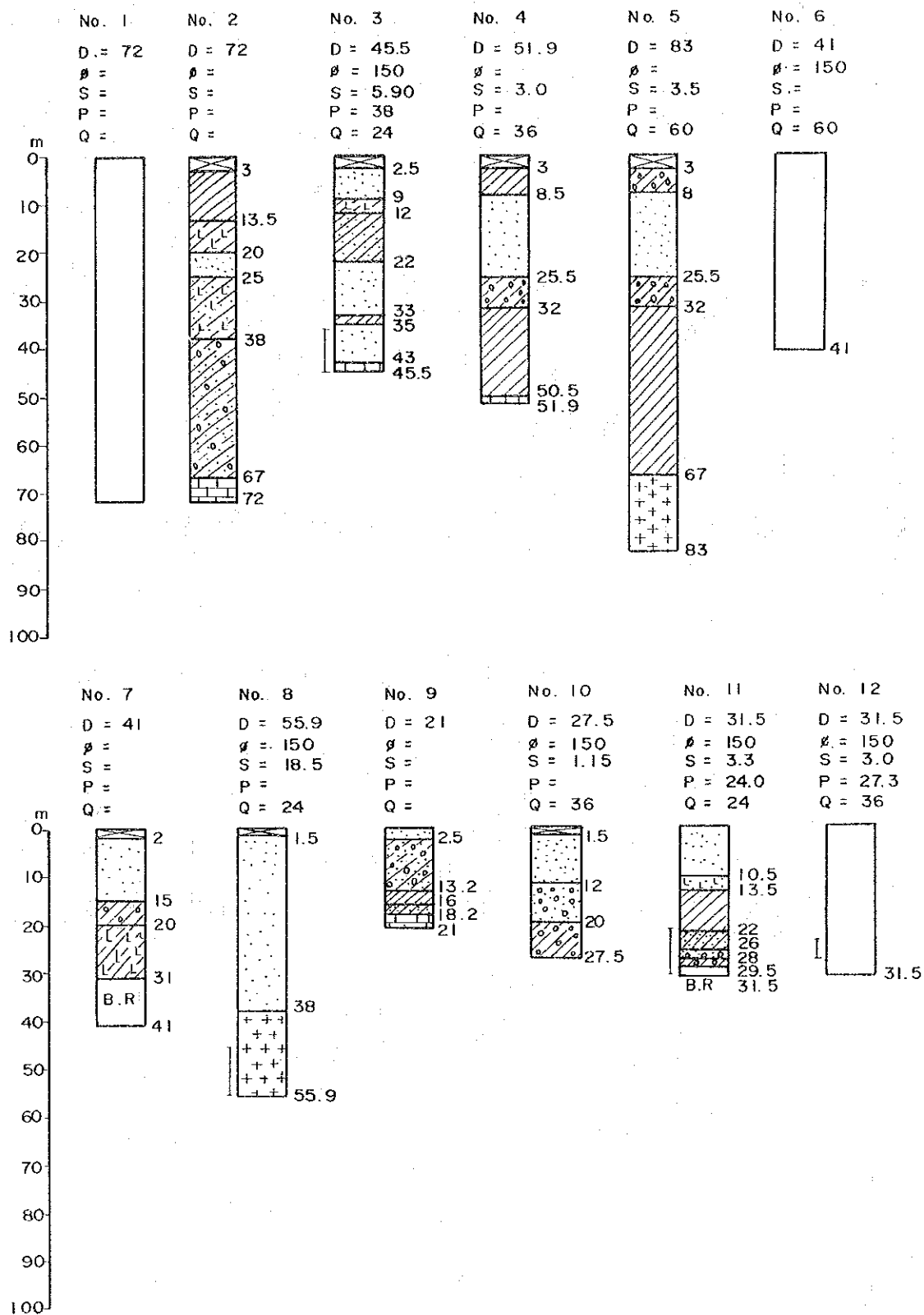


Fig. 2 Location Map of Tube Wells

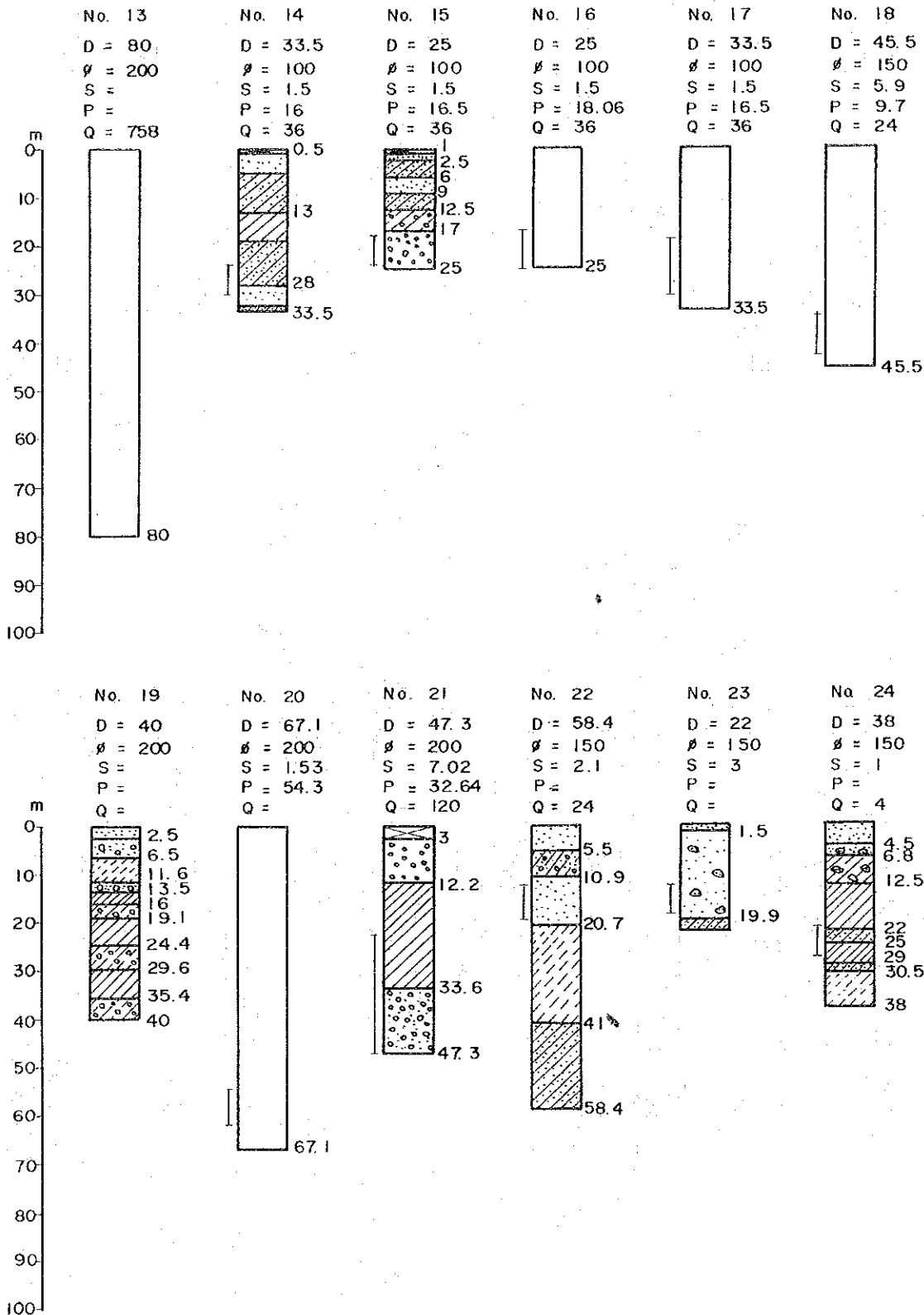
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Note : Legend is shown in Fig. 3 (12)

Fig. 3 (1) Well Logs

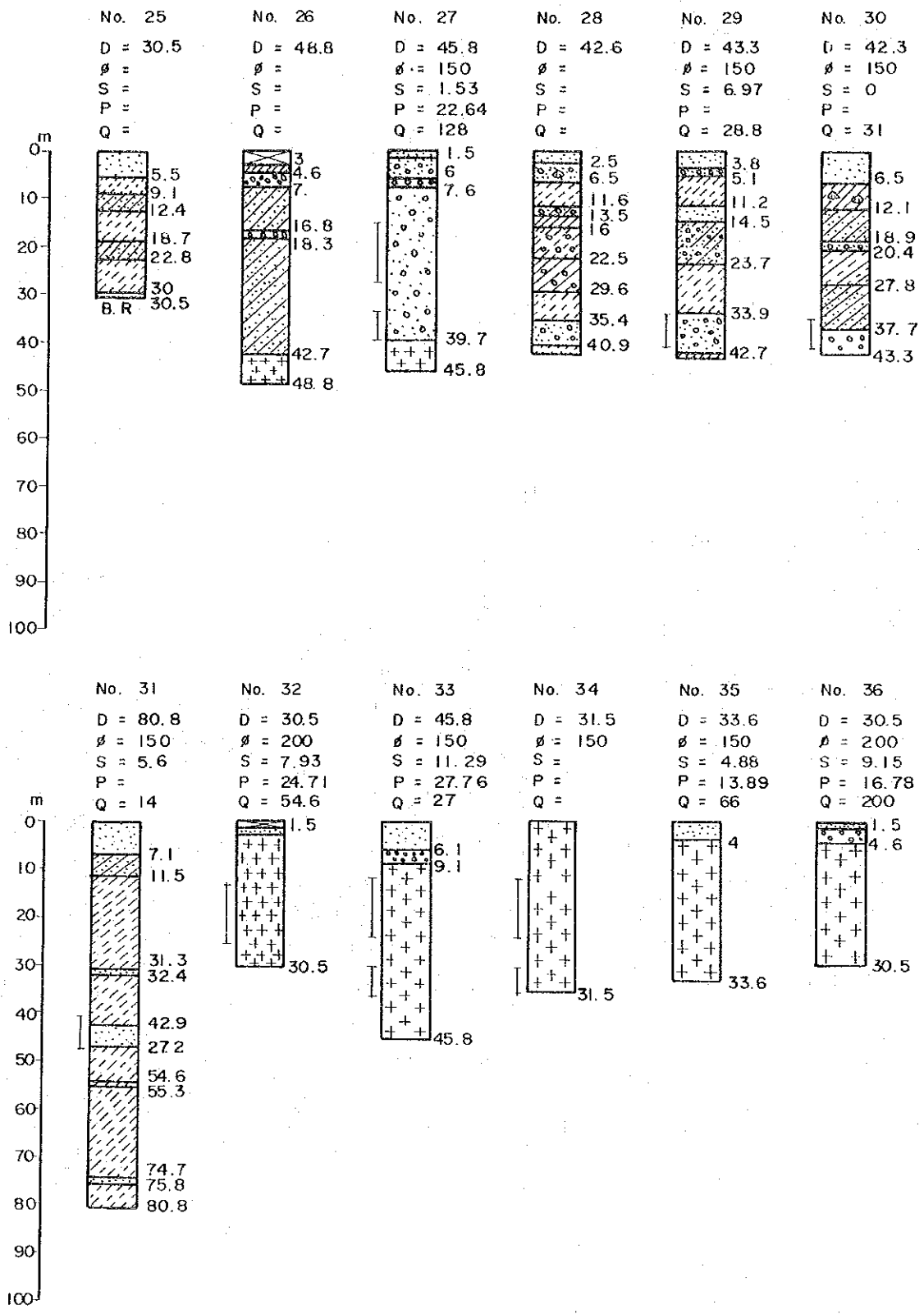
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Note : Legend is shown in Fig. 3 (12)

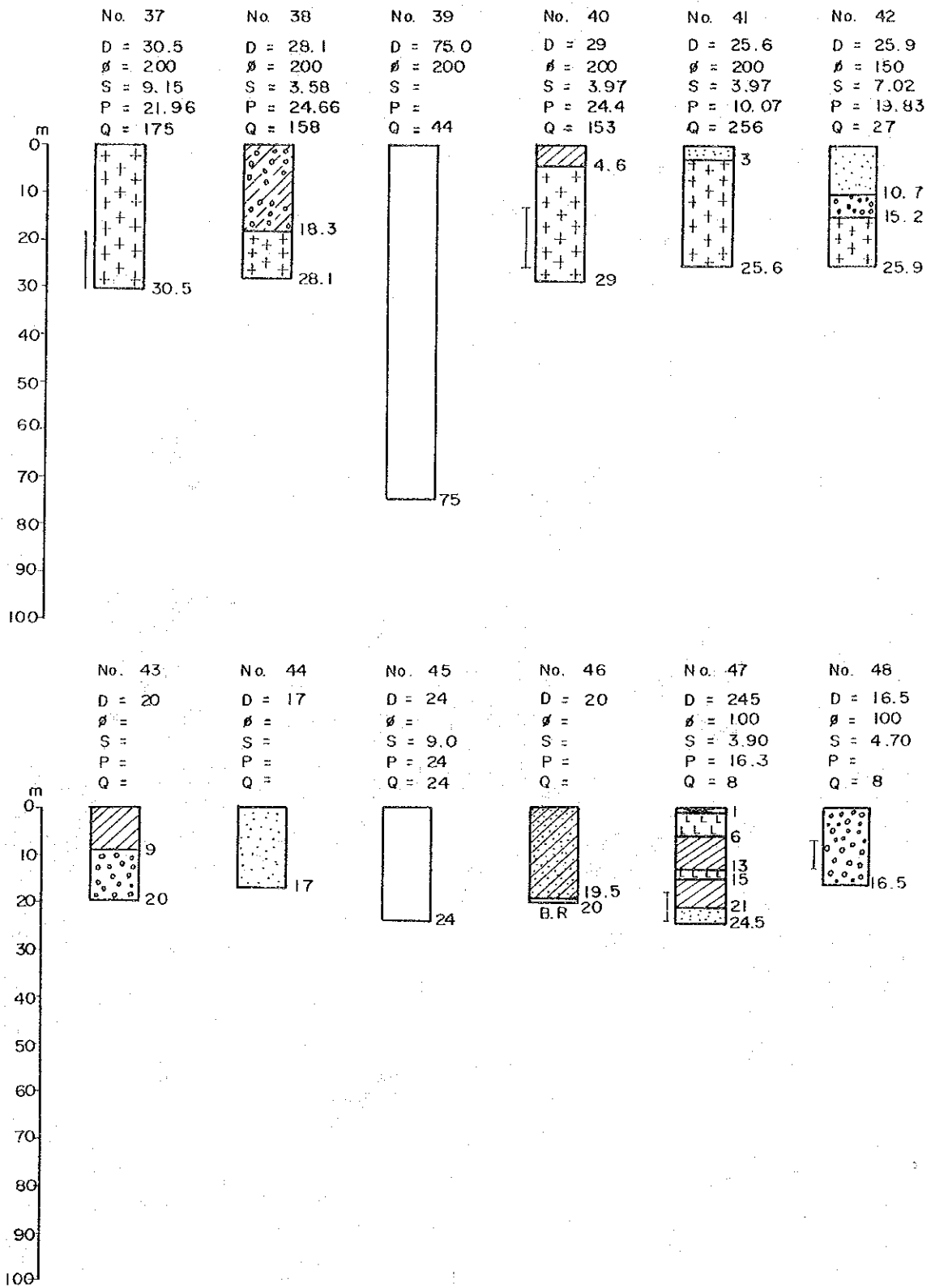
Fig. 3 (2) Well Logs

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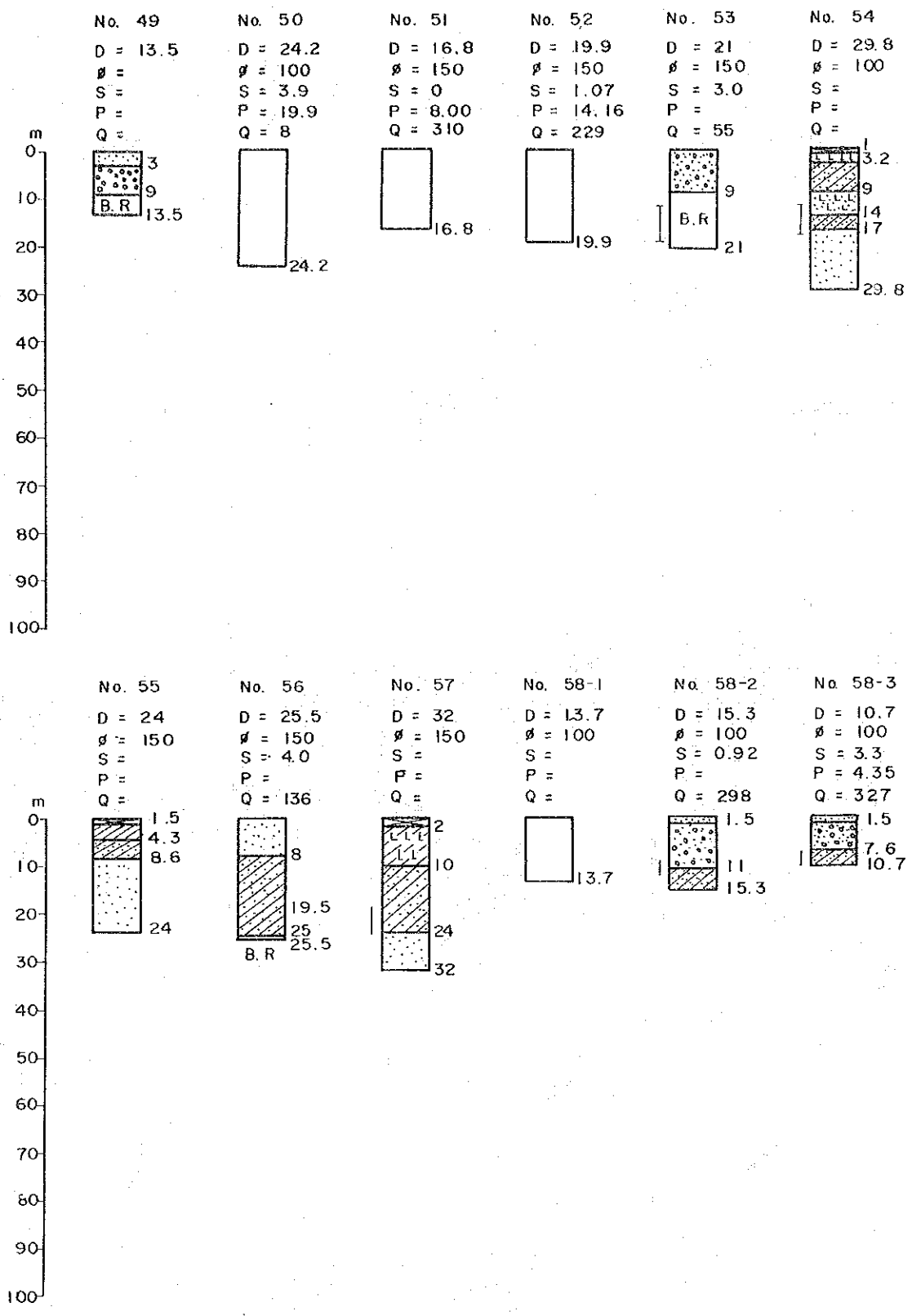
Note : Legend is shown in Fig 3 (12)

Fig. 3 (3) Well Logs



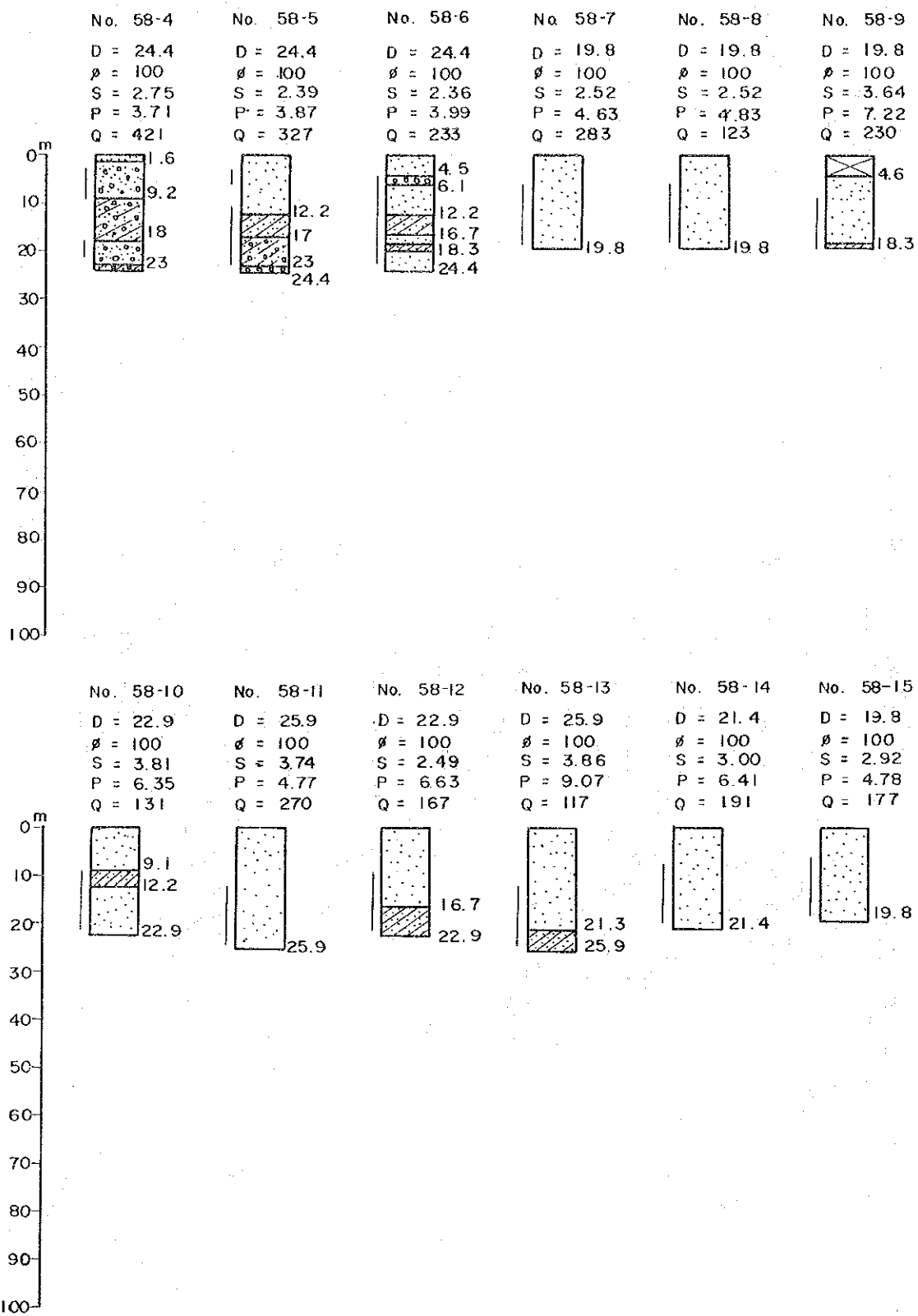
Note : Legend is shown in Fig. 3 (12)

Fig. 3 (4) Well Logs



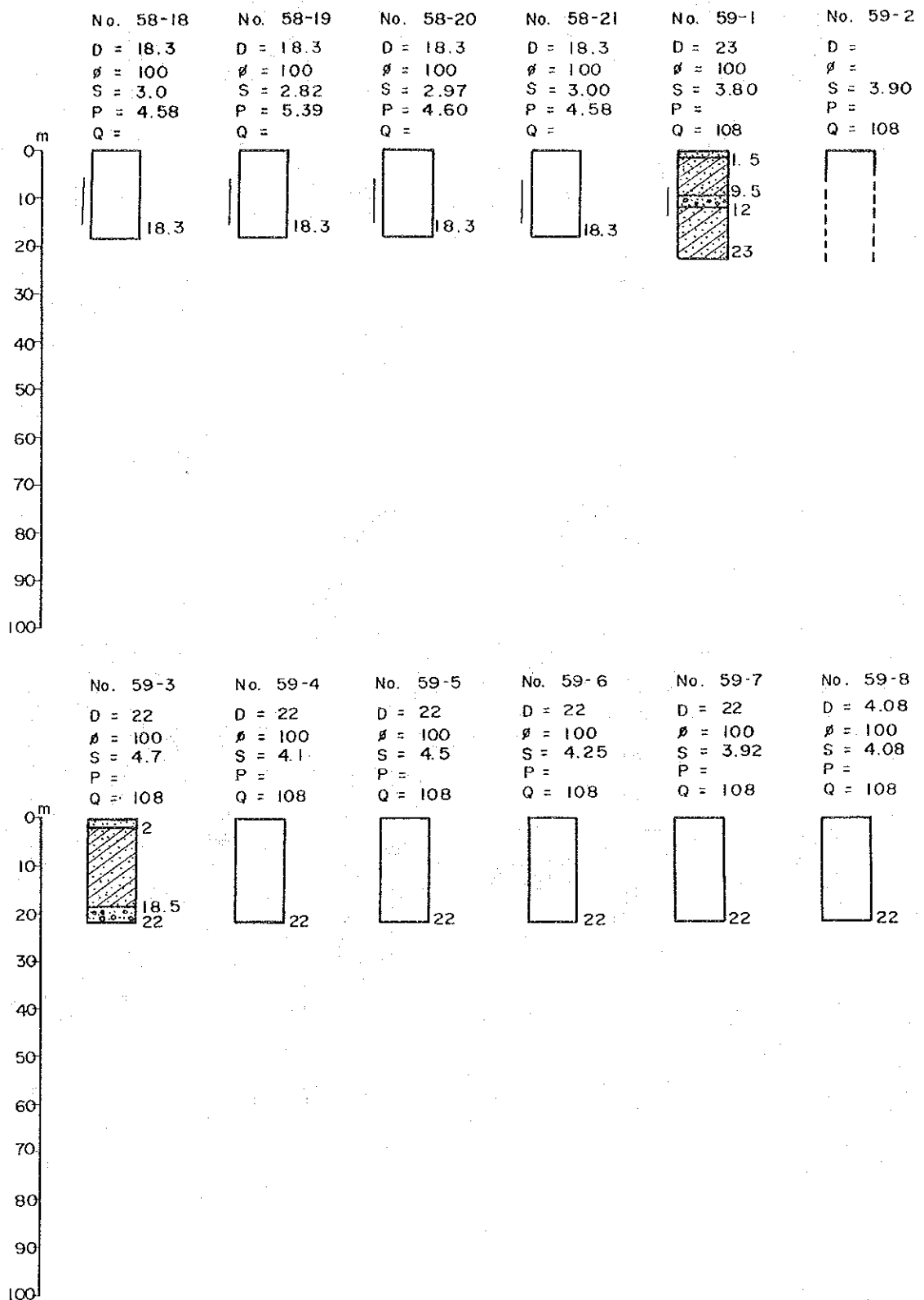
Note : Legend is shown in Fig. 3 (12)

Fig. 3 (5) Well Logs



Note : Legend is shown in Fig. 3 (12)

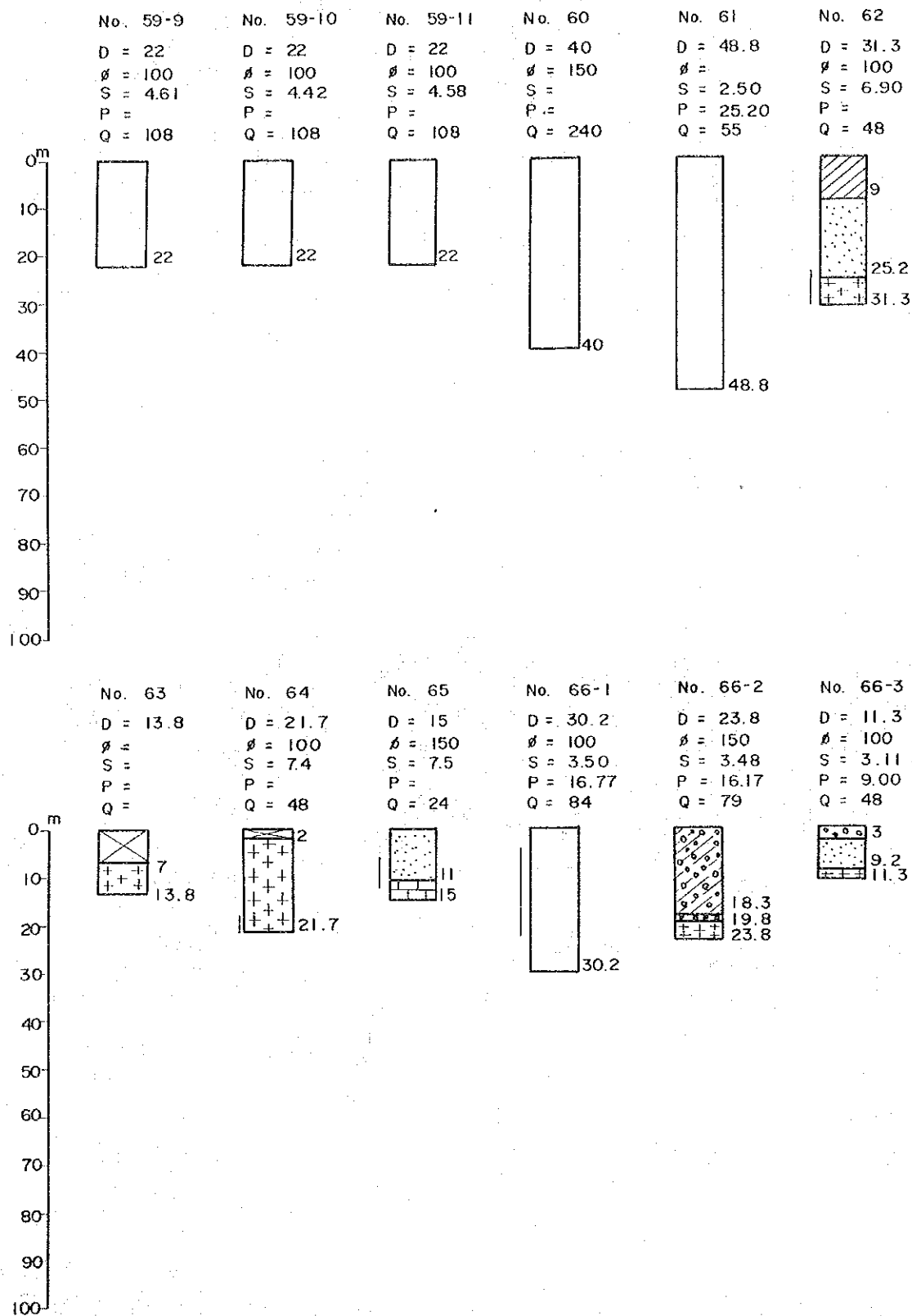
Fig. 3 (6) Well Logs



Note : Legend is shown in Fig 3 (12)

Fig. 3 (7) Well Logs

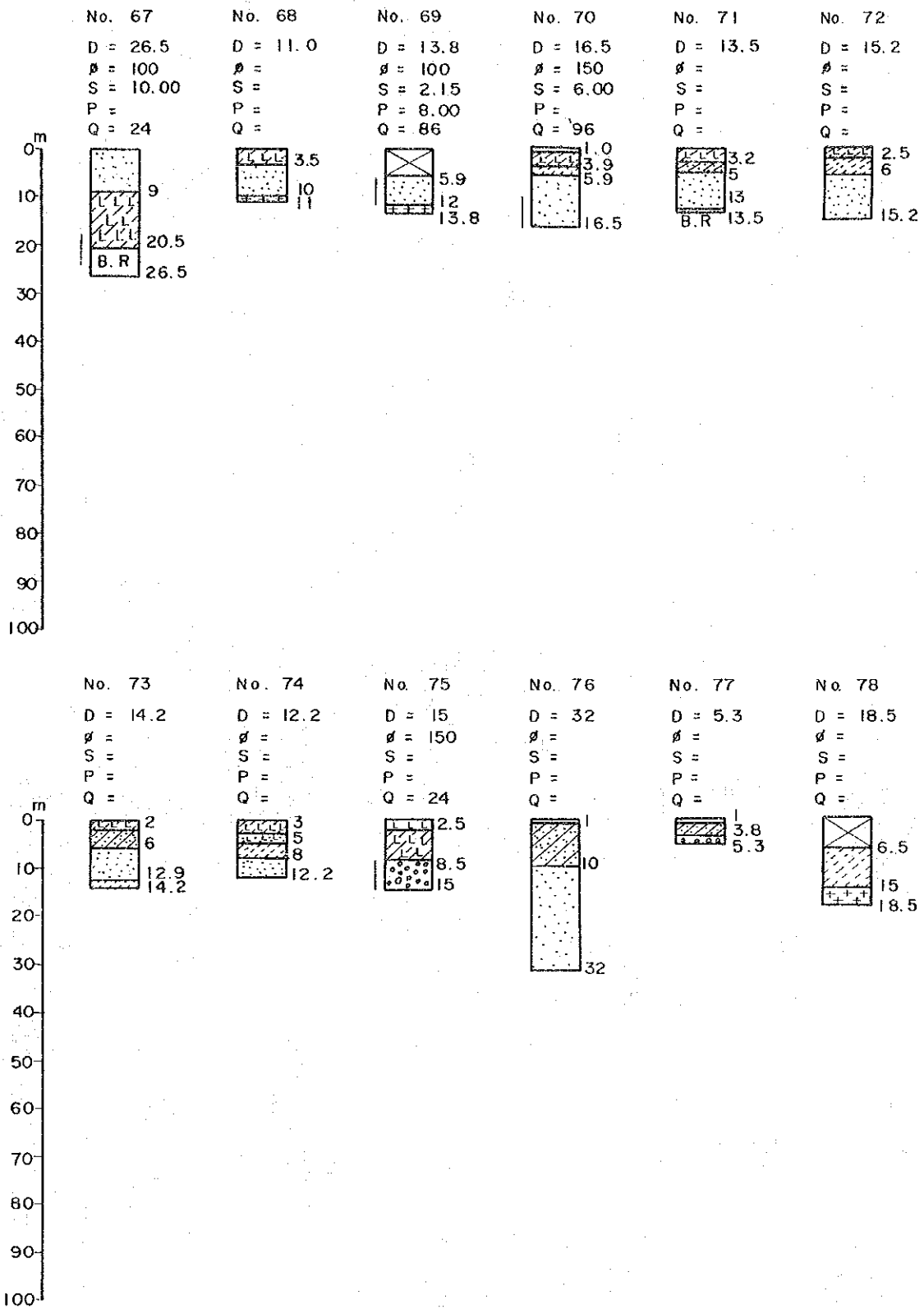
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Note : Legend is shown in Fig. 3 (12)

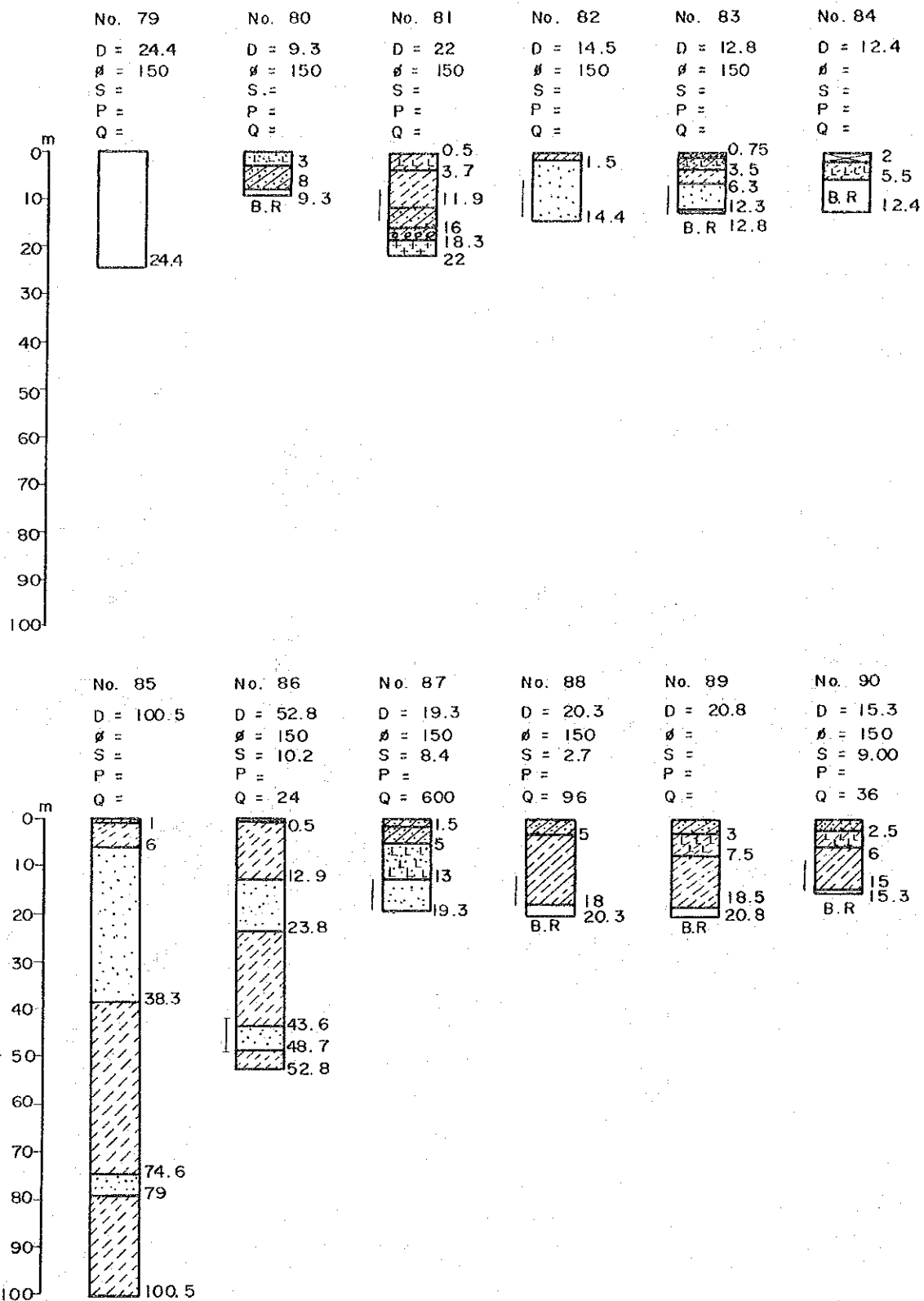
Fig. 3 (8) Well Logs

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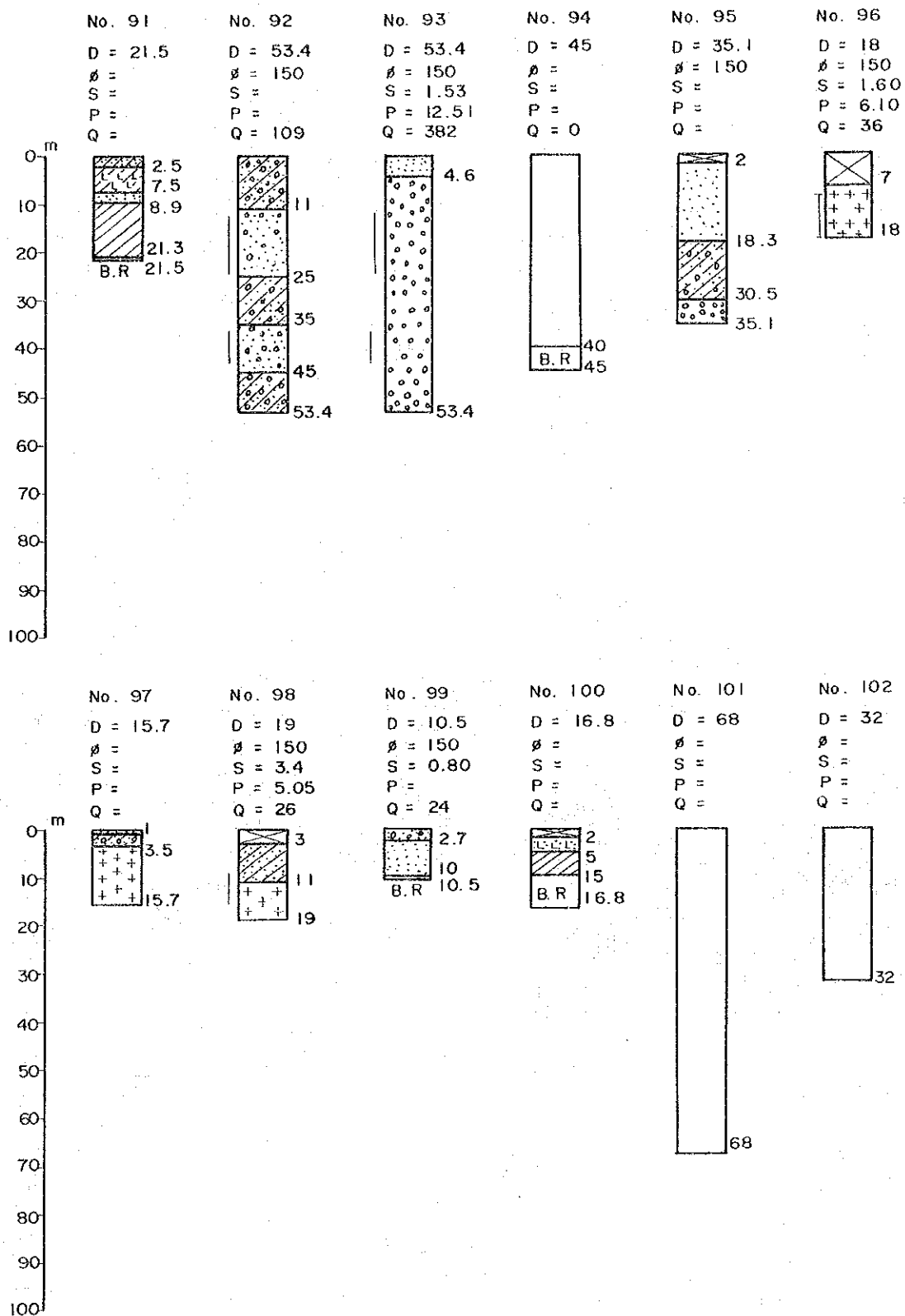
Note : Legend is shown in Fig. 3 (12)

Fig. 3 (9) Well Logs



Note : Legend is shown in Fig. 3 (12)

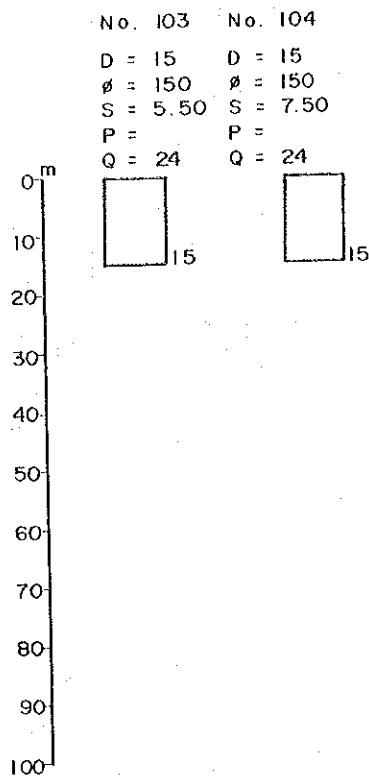
Fig. 3 (10) Well Logs



Note : Legend is shown in Fig. 3 (12)

Fig. 3 (11) Well Logs

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LEGEND

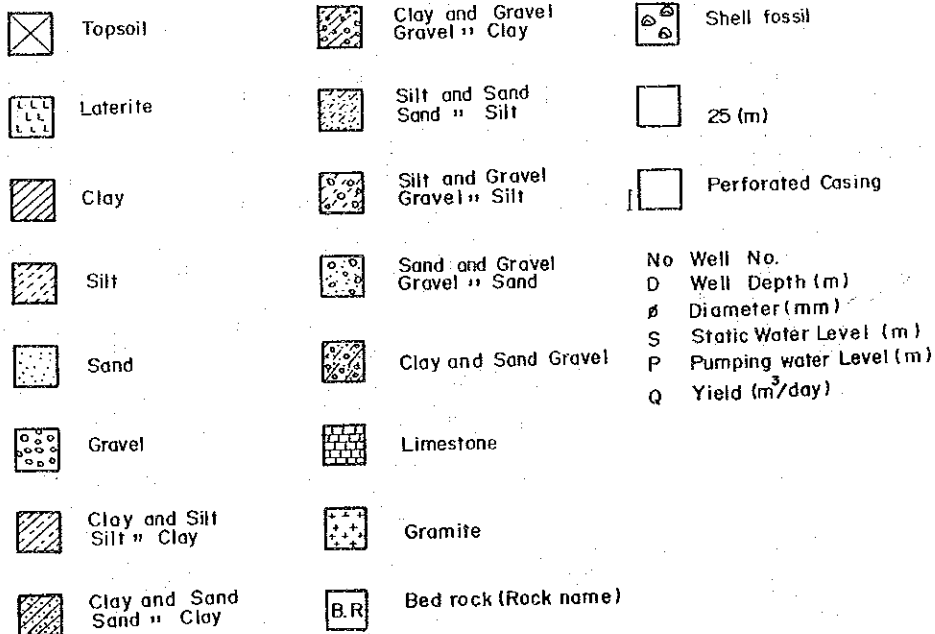


Fig. 3 (12) Well Logs

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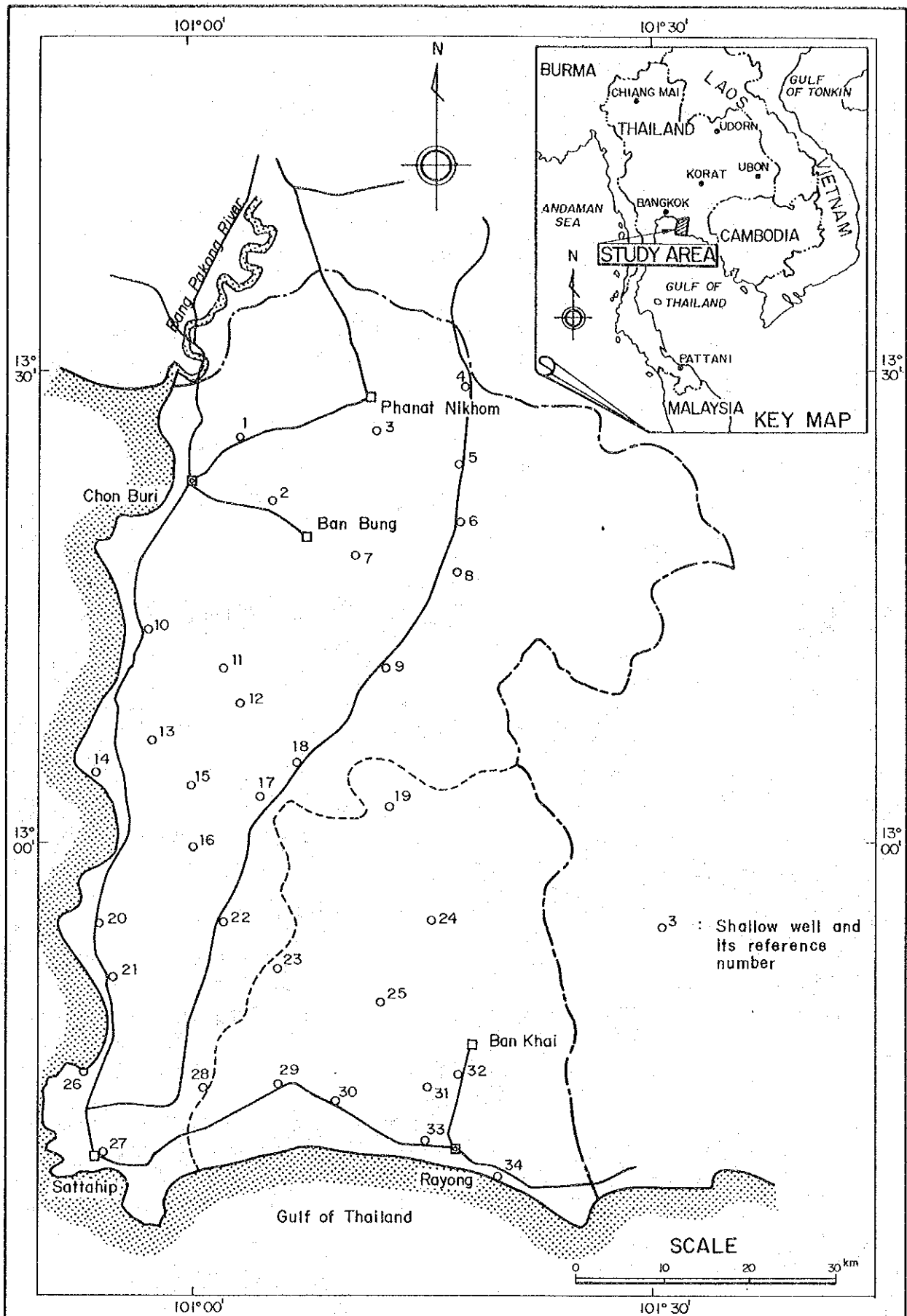


Fig. 4 Locations of Shallow Wells for Inventory Survey

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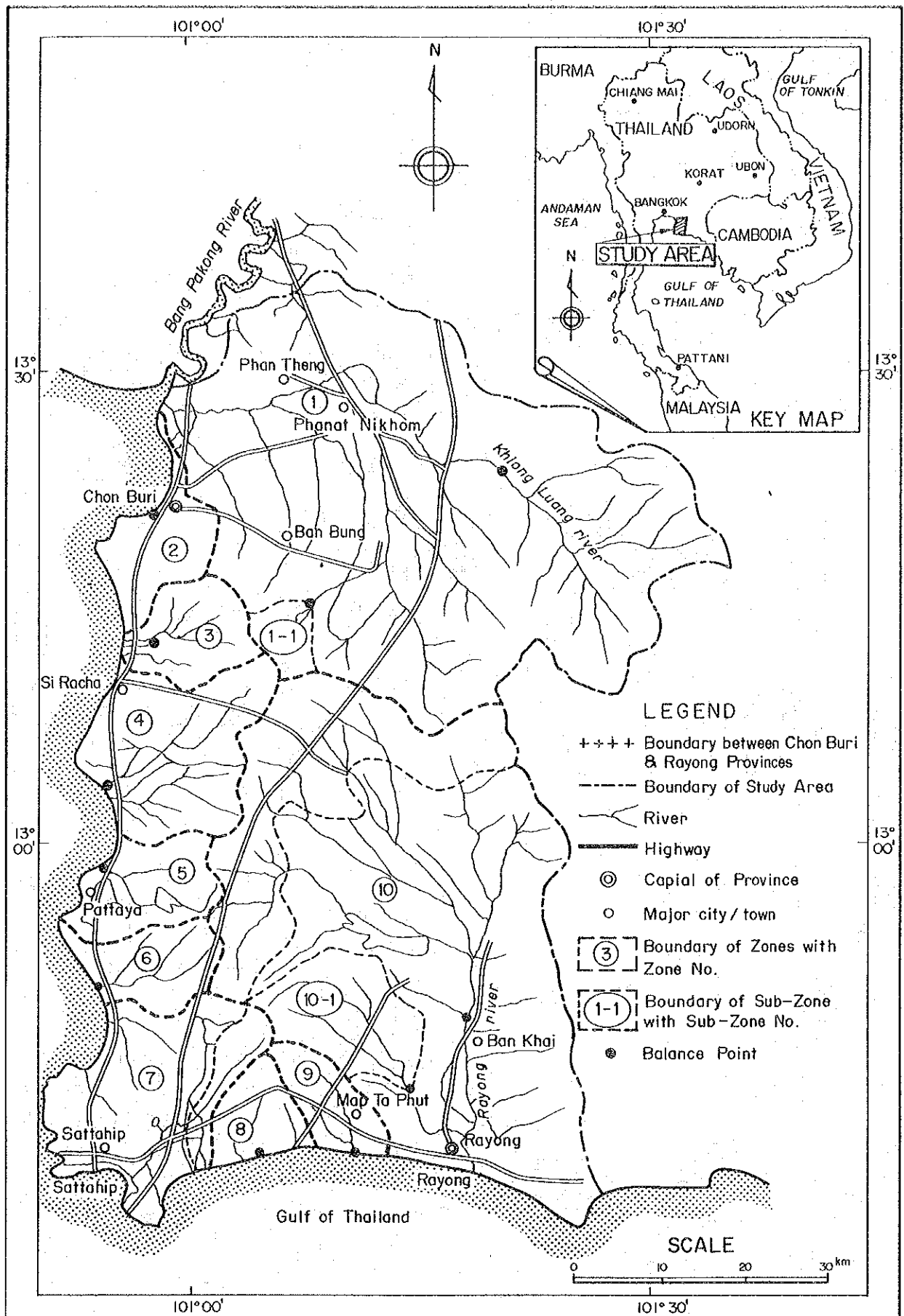


Fig. 5 Zoning of Study Area

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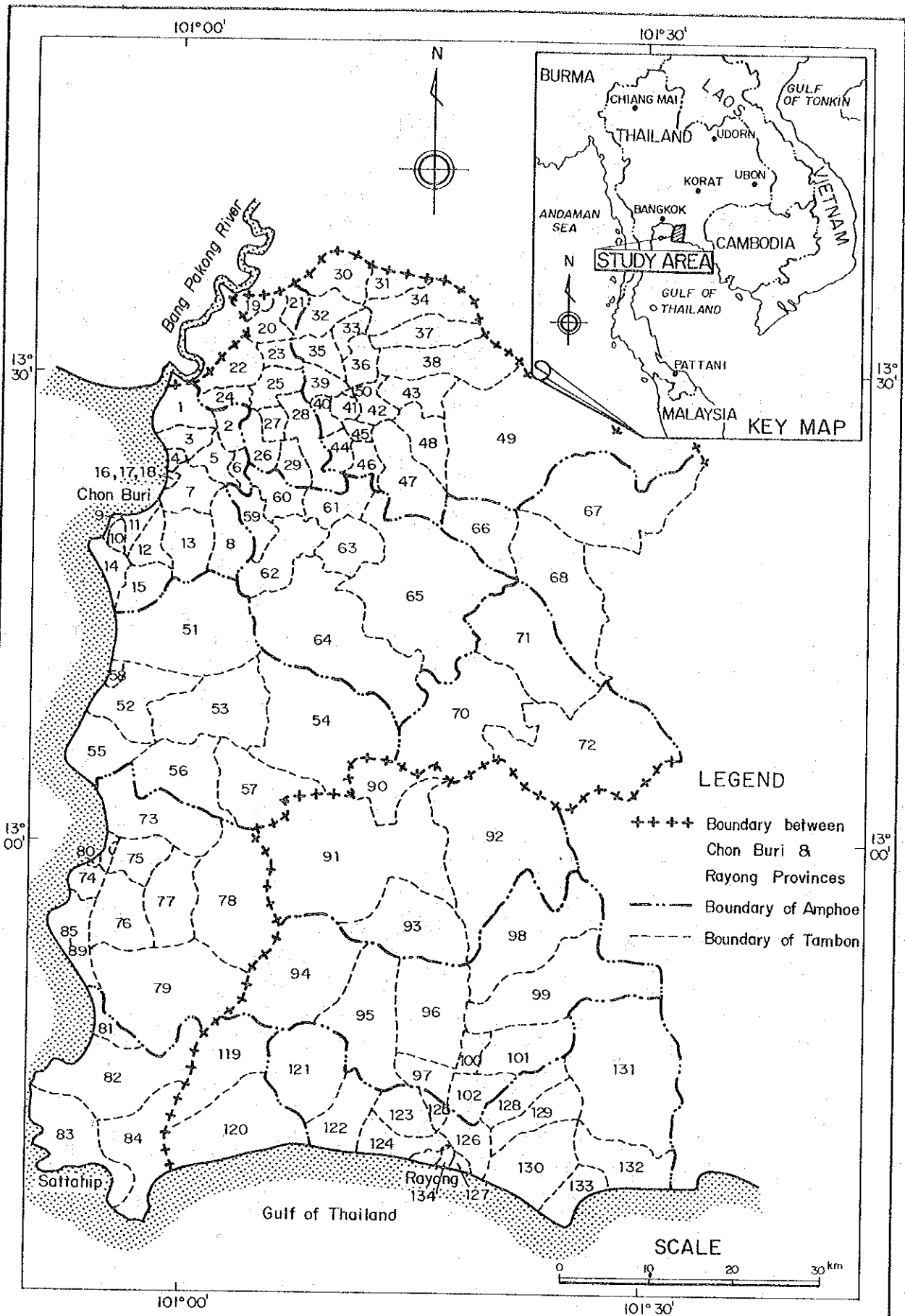


Fig. 6 Administrative Division

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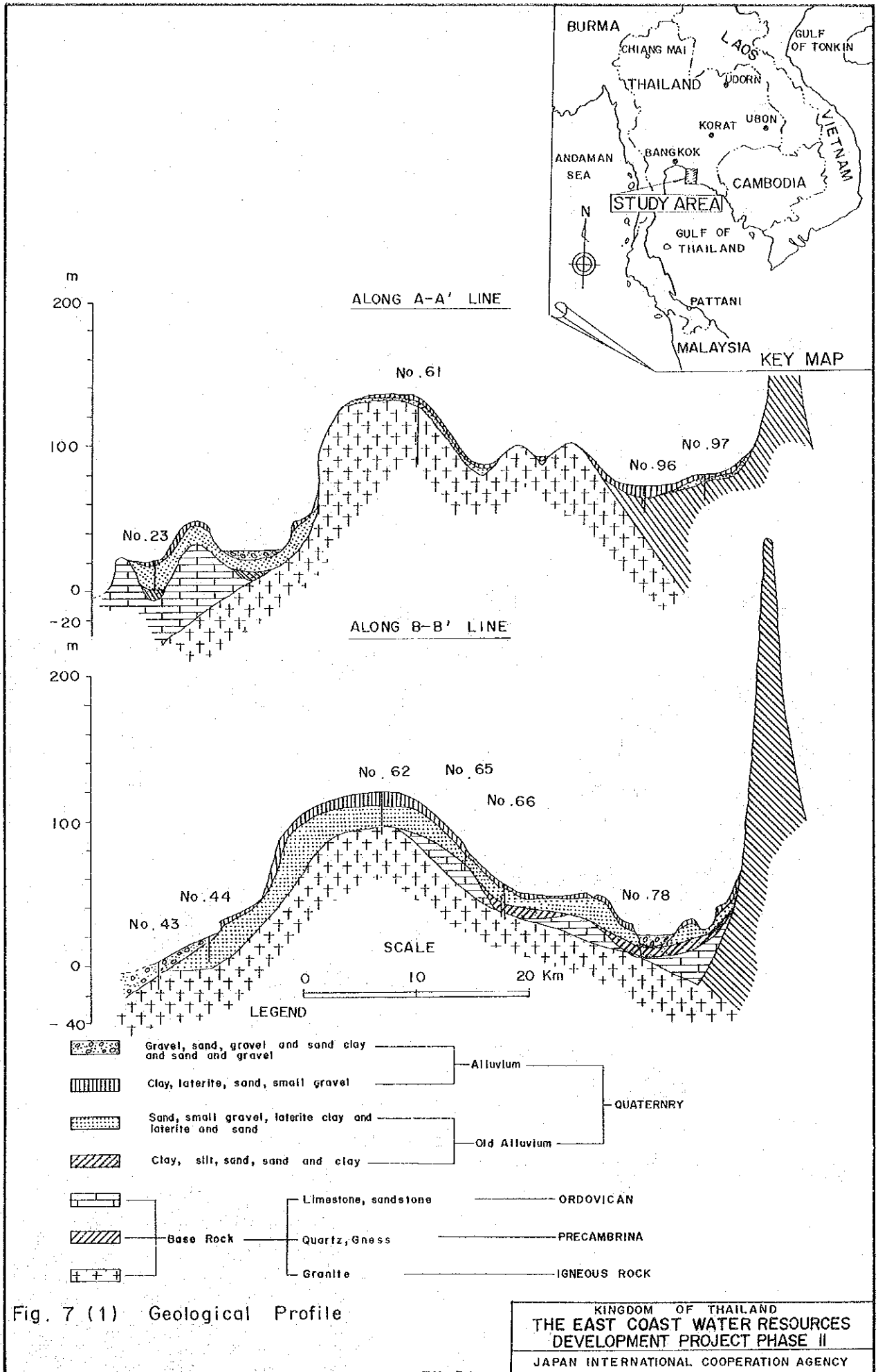
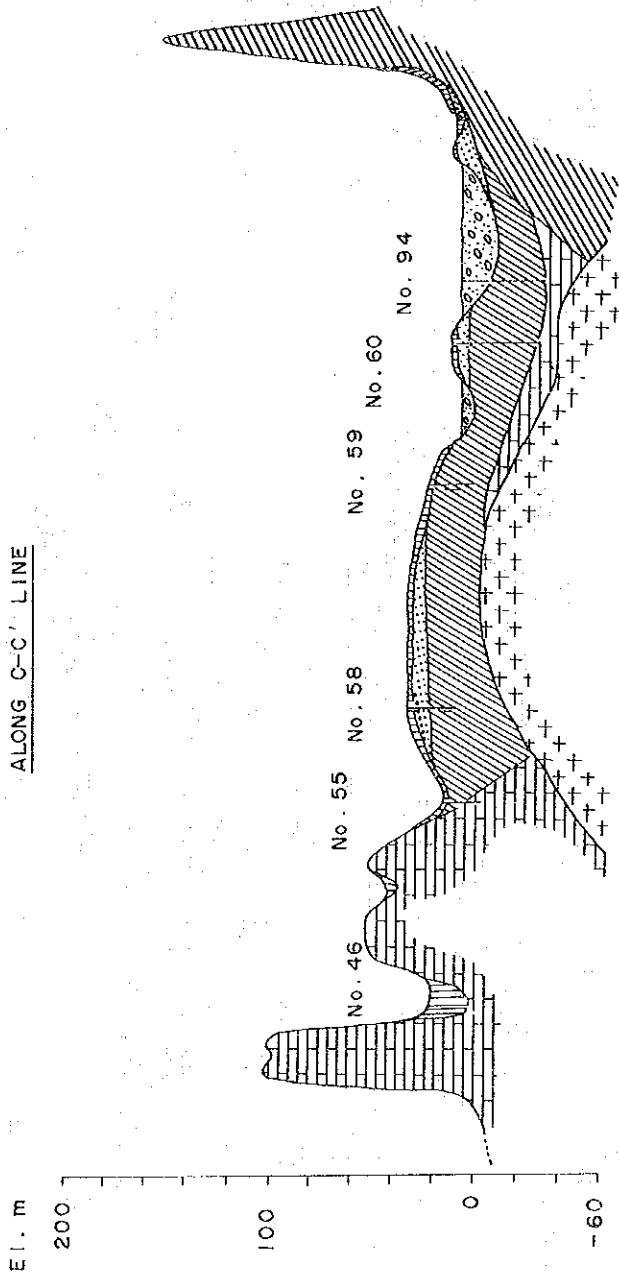


Fig. 7 (1) Geological Profile

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ALONG C-C' LINE



LEGEND

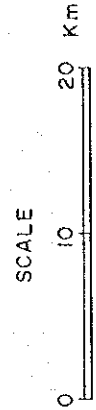
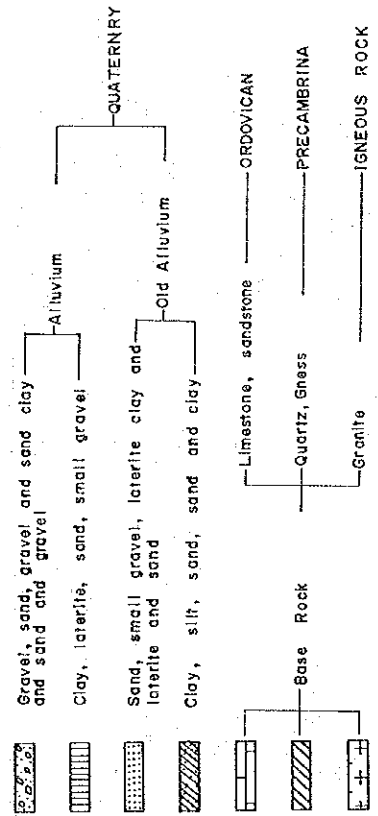


Fig. 7 (2) Geological Profile

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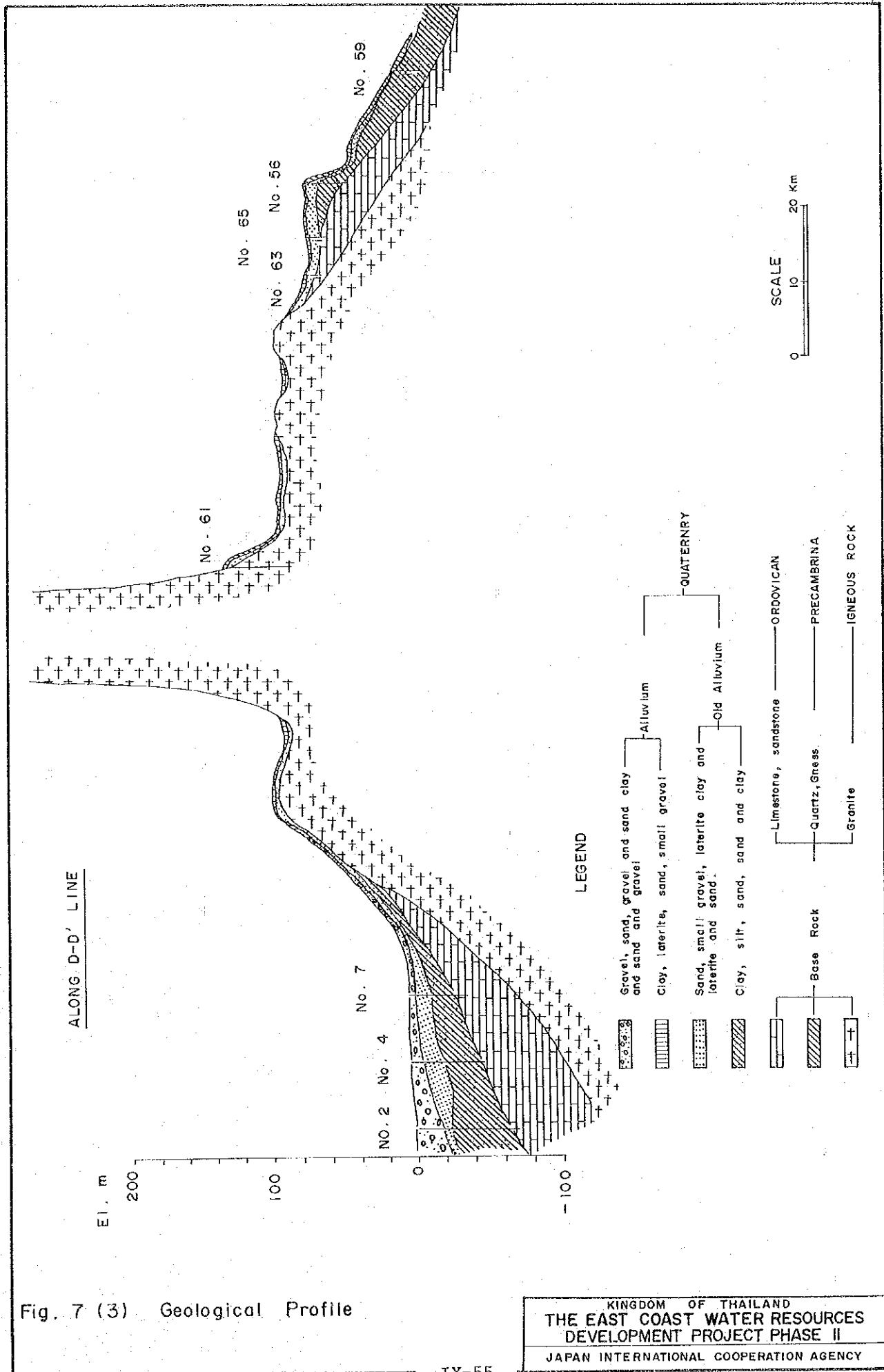


Fig. 7 (3) Geological Profile

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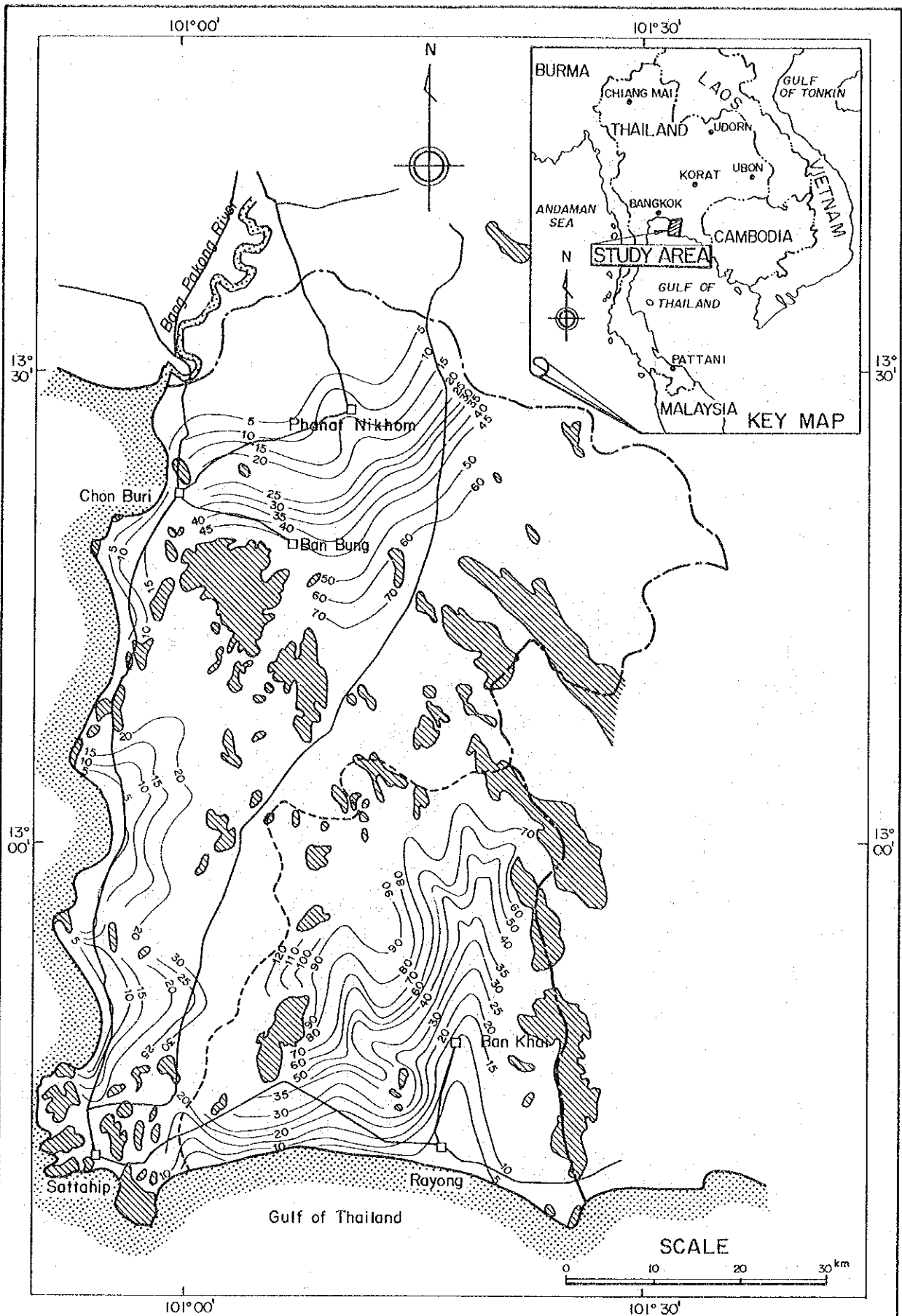


Fig. 8 Groundwater Table of Deep Aquifer

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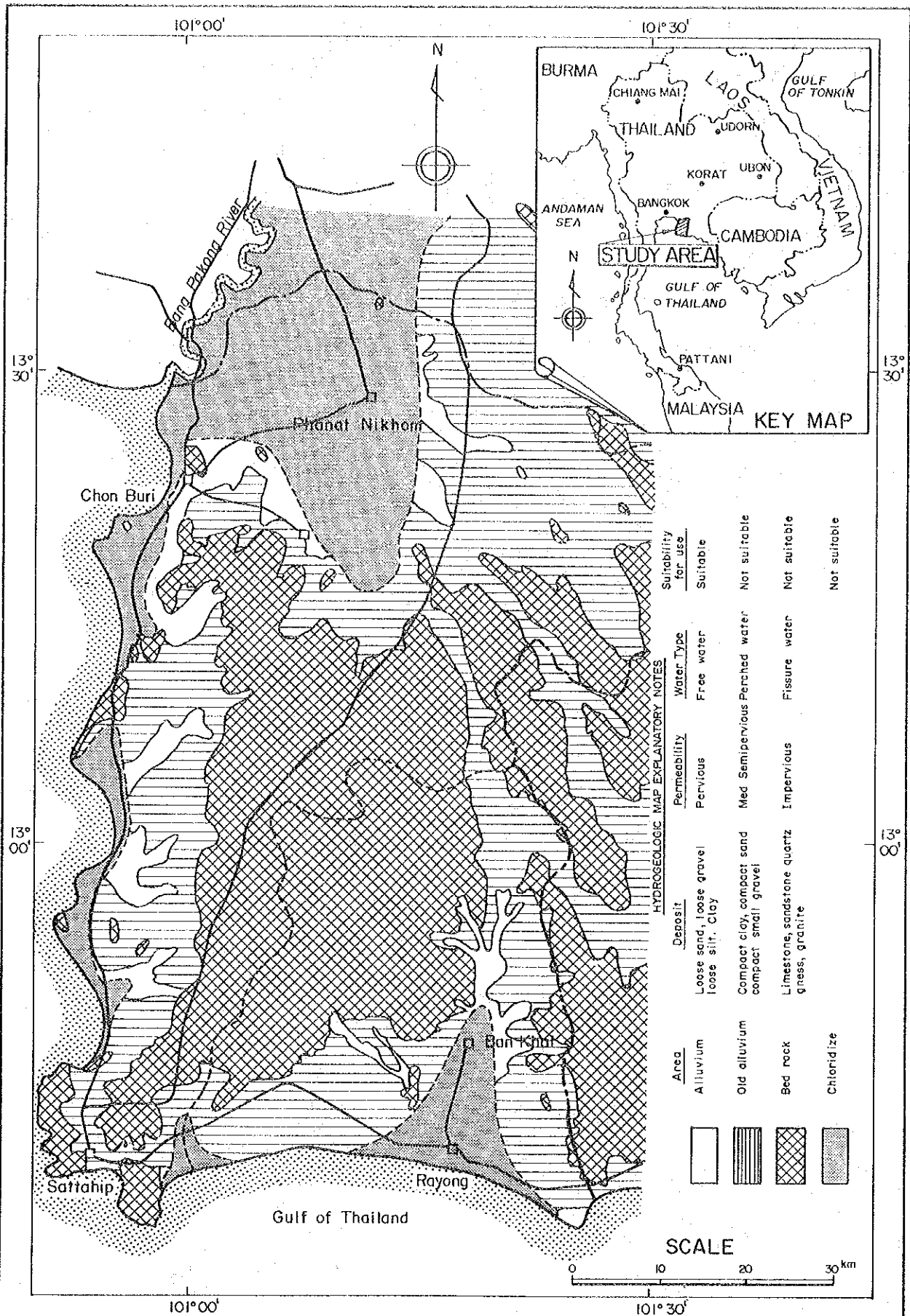


Fig. 9 Hydrogeological Map

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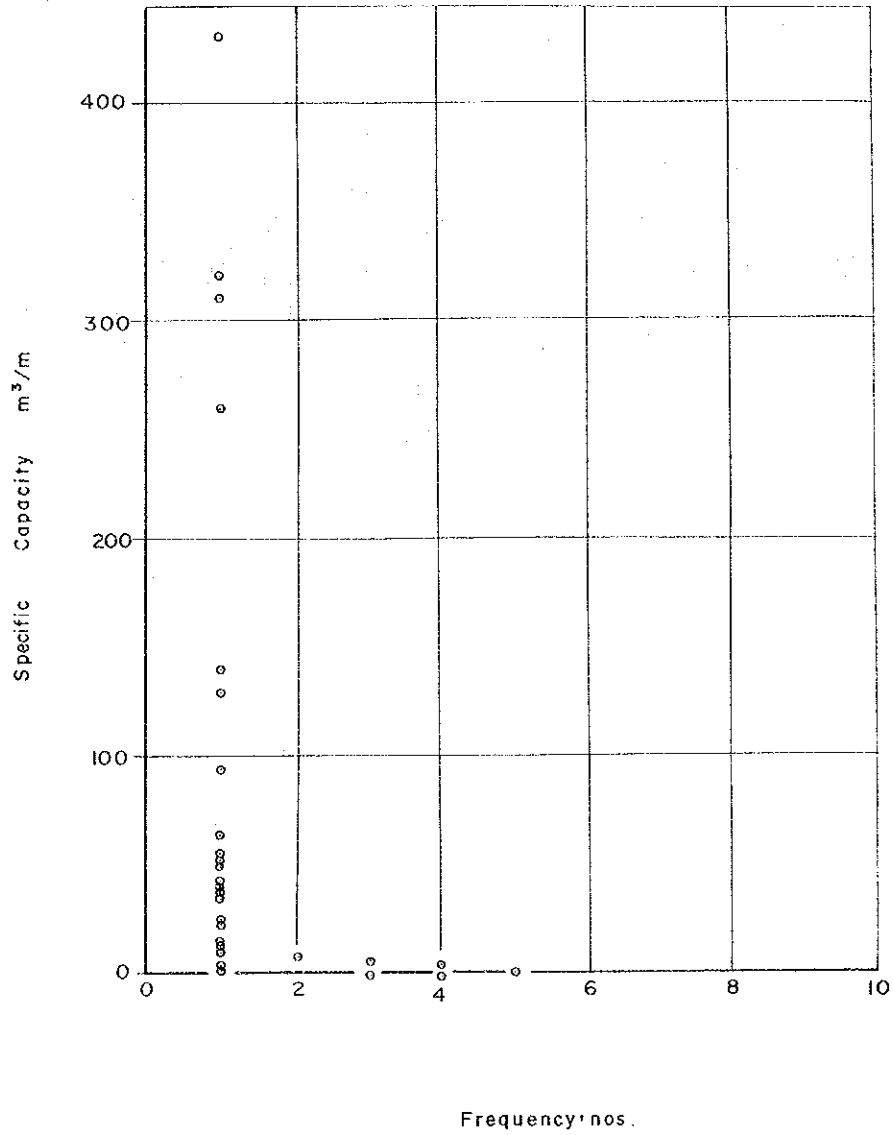


Fig. 10 Correlation between Specific Capacity and Frequency

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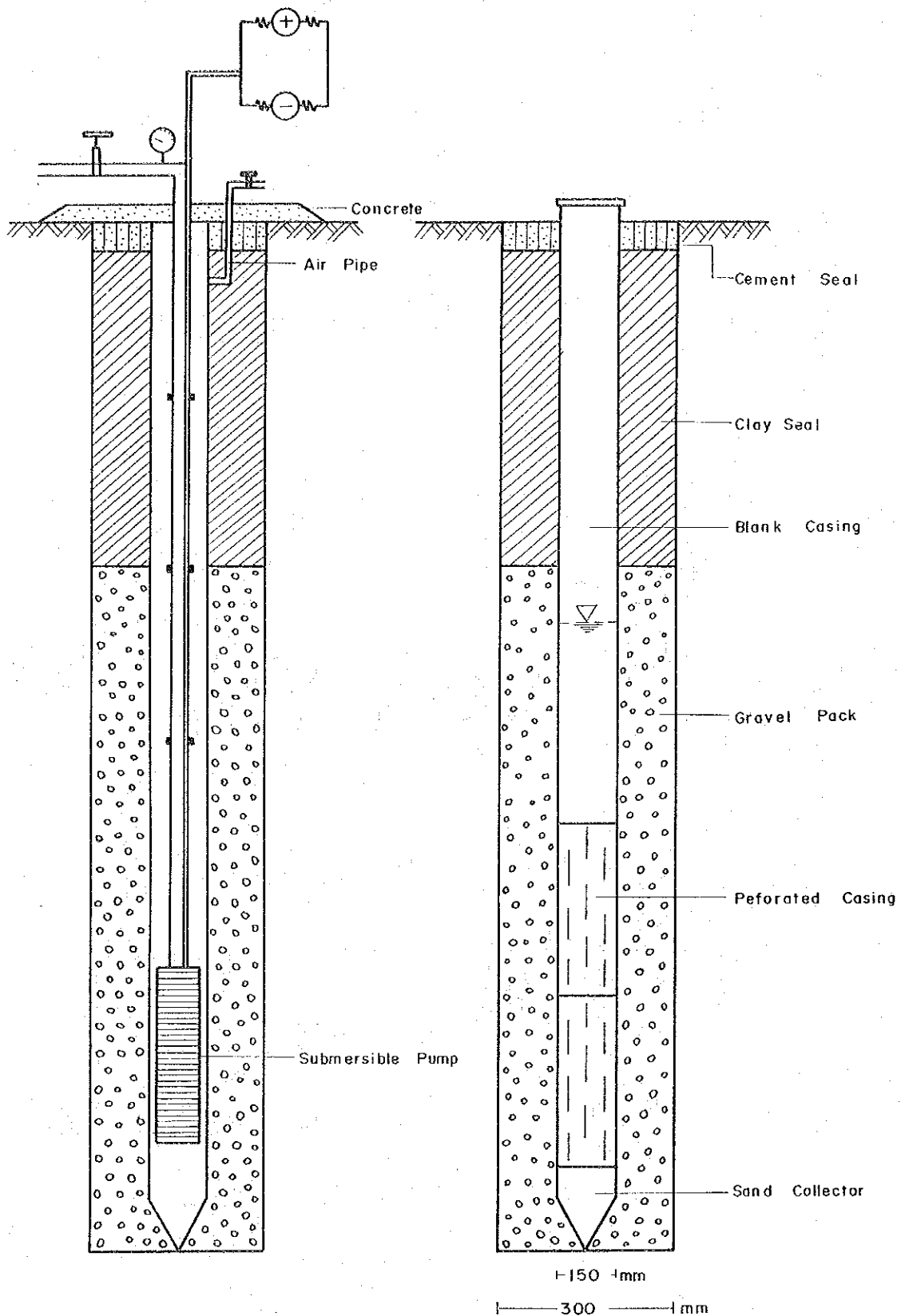


Fig. 11 Typical Profile of Deep Well

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