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JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

**LOCAL WATER UTILITIES ADMINISTRATION
REPUBLIC OF THE PHILIPPINES**

**CAVITE WATER SUPPLY DEVELOPMENT STUDY
IN
THE REPUBLIC OF THE PHILIPPINES**

**VOLUME 4
DATA BOOK**

MAY 1995

**KOKUSAI KOGYO CO., LTD.
NIPPON JOGESUIDO SEKKEI CO., LTD.**



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2. GEOPHYSICAL PROSPECTING DATA
3. PUMPING TEST DATA
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5. WELL INVENTORY DATA

1. METEOROLOGICAL DATA

STN. NO.	MUNICIPALITY	LOCATION			
		LATITUDE	LONGITUDE	X	Y
1	BACOR	120.930	14.450	18.44	43.08
2	MUNTINLUPA	121.020	14.383	28.16	35.68
3	AMBULONG	121.050	14.083	31.40	2.56
4	AMADEO	120.950	14.133	20.60	8.08
5	NASUGBU	120.633	14.083	-13.64	2.56
6	TRIAS	120.881	14.387	13.15	36.12
7	TERNATE	120.714	14.288	-4.89	25.20
8	INDANG	120.880	14.200	13.04	15.48

CAVITE WATER SUPPLY DEVELOPMENT STUDY
TOTAL DAILY RAINFALL (MM & TENTHS)

1994

ELEV : 3.0 m.

LONG : 120-55-00

LAT : 14-30-00

STATION : SANGLEY POINT, CAVITE

DAY	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.0	0.0	0.0	0.0	1.0	79.0	0.4	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	33.2	0.0	103.0	24.0	0.0	0.0	0.0
3	T	0.0	0.0	0.0	0.0	7.2	27.8	T	0.5	0.0	0.0	T
4	0.0	0.0	0.0	0.0	10.0	T	6.0	0.4	34.6	0.5	T	0.0
5	2.0	0.0	0.0	23.8	T	9.0	T	0.6	0.0	6.1	0.0	0.0
6	1.0	0.0	0.0	0.0	0.0	0.0	12.6	38.6	0.0	0.0	0.0	9.4
7	0.0	0.0	0.0	0.0	0.0	1.2	40.9	0.0	35.4	T	0.0	0.6
8	0.0	0.0	0.0	0.0	0.4	0.0	15.3	0.0	T	3.0	0.0	0.0
9	0.0	0.0	0.0	0.0	T	0.0	31.1	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.6	21.6	0.0	4.1	0.0	0.0	0.0
11	4.0	0.0	0.0	0.0	T	2.0	13.8	0.0	0.0	0.0	0.0	0.0
12	3.6	0.0	0.0	0.0	0.0	T	1.6	0.0	41.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.6	2.0	0.0	0.0	T
14	0.0	0.0	0.0	0.0	2.6	0.6	7.2	0.0	16.0	0.0	T	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	2.6	0.0	0.0
16	0.0	0.0	0.0	0.0	40.4	0.0	3.0	0.0	34.5	0.0	0.0	0.4
17	T	0.0	T	0.0	0.6	0.0	3.6	1.0	2.0	0.0	0.0	T
18	0.0	0.0	0.0	0.0	25.4	0.0	118.0	0.0	0.0	T	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	13.6	8.6	1.8	0.0	0.0	0.0	68.0
20	0.0	0.0	0.0	0.0	0.0	1.2	18.4	0.0	28.4	7.8	0.0	0.0
21	0.0	0.0	0.0	0.0	T	23.2	4.6	1.6	1.0	40.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	119.4	31.2	68.0	2.0	13.4	T	0.0
23	0.2	0.0	T	0.0	0.0	25.8	52.0	12.0	0.4	0.0	0.0	0.0
24	0.6	0.0	0.0	0.0	2.2	0.4	28.0	30.6	1.5	0.0	0.0	0.0
25	6.0	T	5.2	0.0	0.0	3.2	50.4	17.8	12.2	0.0	0.0	0.0
26	9.0	0.0	0.0	0.0	0.0	T	42.0	0.6	4.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	T	9.0	0.0	0.0	0.0	5.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	39.2	12.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	35.8	19.8	1.0	T	0.0	0.0
30	2.0	0.0	0.0	13.1	0.0	T	54.0	50.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	1.0	5.0	5.0	0.0	0.0	0.0	8.8
TOTAL	28.4	0	5.2	36.9	81.6	240.8	677.7	442.4	245	73.4	5	87.2

CAVITE WATER SUPPLY DEVELOPMENT STUDY
 TOTAL DAILY RAINFALL (MM & TENTHS)
 1994

STATION : WAWA, NASUGBU, BATANGAS

LAT : 14-05-00

LONG : 120-38-00

DAY	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	T	0.0	0.0	0.0	0.0	0.0	0.3		0.4	3.5	0.0	0.0
2	T	0.0	0.0	0.0	0.0	0.0	T		T	T	0.0	0.0
3	T	0.0	0.0	0.0	0.0	T	T		T	0.0	0.0	0.0
4	T	0.0	0.0	0.0	0.0	T	T		T	T	0.0	0.0
5	T	0.0	0.0	0.0	T	T	2.9		T	T	T	0.0
6	T	0.0	0.0	0.0	T	T	2.4		T	T	0.0	T
7	0.0	0.0	0.0	0.0	0.0	0.2	1.4		T	200.8	T	0.0
8	0.0	0.0	0.0	0.0	T	0.0	4.8		T	T	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	T	3.7		T	T	0.0	0.0
10	0.0	0.0	0.0	0.0	T	0.0	7.5		T	0.0	0.0	0.0
11	T	0.0	T	0.0	0.0	0.0	0.5		T	0.0	0.0	0.0
12	0.0	0.0	0.0	T	T	0.0	T		T	0.0	0.0	0.0
13	T	0.0	0.0	0.0	T	T	T		0.3	0.0	0.0	0.0
14	0.0	T	0.0	0.0	T	T	0.3		T	0.0	T	T
15	0.0	0.0	0.0	0.0	T	T	2.3		T	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	T	T	0.1		T	0.0	0.0	0.0
17	0.0	0.0	0.0	1.2	T	0.2	T		T	0.0	0.0	0.0
18	0.0	0.0	T	0.0	T	0.0	0.2		49.9	0.1	0.0	0.0
19	0.0	0.0	T	0.0	T	T	3.4		0.3	0.0	0.0	0.0
20	0.0	0.0	1.4	0.0	0.0	T	0.1		6.9	T	0.0	T
21	0.0	0.0	0.0	0.0	0.0	T	T		32.8	238.8	0.0	T
22	0.0	0.0	0.0	0.0	0.0	7.3	T		1.7	T	0.0	1.4
23	T	0.0	0.0	0.0	2.5	1.3	T		T	0.0	0.0	0.0
24	0.0	T	0.0	0.0	T	T	T		T	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	T	T	8.7		1.4	T	0.0	0.0
26	T	T	0.0	0.0	0.0	0.0	6.5		T	0.0	0.0	0.0
27	T	T	0.0	0.0	0.0	0.0	3.1		T	T	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	129.8		T	0.0	0.0	T
29	0.0	0.0	0.0	0.0	0.0	T	205.7		0.0	T	0.0	T
30	0.0	0.0	0.0	0.0	0.0	T	5.6		T	0.0	0.0	T
31	0.0	0.0	0.0	0.0	0.0	0.1	0.1		T	0.0	0.0	0.0
TOTAL	0	0	1.4	1.2	2.5	9	389.4		93.7	443.2	0	1.4

CAVITE WATER SUPPLY DEVELOPMENT STUDY
 TOTAL DAILY RAINFALL (MM & TENTHS)
 1994

STATION : MUNTINLUPA

LAT : 14-23-00

LONG : 121-01-00

DAY	M O N T H											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2	2.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	1.0	6.0	0.0	15.6	16.2	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	T	22.2	53.4	13.4	0.0	13.8	0.0	0.0	0.0
5	T	0.0	0.0	13.4	4.0	2.0	7.2	1.4	0.0	0.0	0.0	0.0
6	4.6	0.0	0.0	0.0	0.0	0.0	16.2	25.0	0.0	0.0	0.0	11.8
7	0.0	0.0	0.0	0.0	0.0	0.0	20.6	0.0	4.6	0.0	0.0	2.6
8	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	14.0	0.0	2.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	1.2	34.6	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	4.2	13.8	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	9.2	0.0	0.0	6.2	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	13.8	41.0	0.0	1.4	0.0	T	0.0
14	0.0	0.0	0.0	0.0	6.2	8.0	1.6	0.0	0.0	3.6	1.6	0.0
15	0.0	0.0	0.0	T	0.0	4.2	6.6	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	2.2	1.4	2.6	0.0	32.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	1.2	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	1.0	5.8	54.0	0.4	11.0	1.4	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	14.8	9.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	10.0	5.0	0.0	3.4	23.4	1.4	0.0
21	0.0	0.0	0.0	0.0	0.0	6.4	1.2	0.0	1.0	78.4	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	75.2	1.6	4.2	4.1	3.4	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	12.2	7.2	4.3	14.2	0.0	0.0	0.0
24	15.0	0.0	T	0.0	0.0	31.0	7.0	11.5	0.0	0.0	0.0	52.0
25	4.0	0.4	8.0	0.0	0.0	3.2	55.4	5.2	39.2	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	1.2	7.4	3.1	8.8	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	10.8	0.0	0.0	0.0	1.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	25.8	22.2	48.2	1.4	0.0	0.0
29	0.0		0.0	20.0	0.0	0.0	57.0	4.0	0.0	0.0	0.0	0.0
30	0.3		0.0	0.0	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0	0.0	0.0	4.0	26.2	0.0	0.0	0.0	0.0	0.0
TOTAL	23.9	0.4	8	33.4	36.6	263.2	446.8	135.3	221.3	111.6	6	66.4

CAVITE WATER SUPPLY DEVELOPMENT STUDY
 TOTAL DAILY RAINFALL (MM & TENTHS)
 1994

LONG : 120-56-00

LAT : 14-27-00

STATION : MABOLO, BACOR, CAVITE

DAY	M O N T H												TOTAL			
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC				
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	3.0	3.7	0.0	88.0	0.0	12.2	0.0	0.0	0.0	0.0	0.0	0.0
3	T	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	T	0.0	0.0
5	0.0	0.0	0.0	3.0	6.7	0.0	10.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	13.9	0.0	0.0	0.0	0.0	0.0	0.0	9.9	0.0	24.9
7	0.0	0.0	0.0	0.0	0.0	0.0	24.8	0.0	0.0	20.5	0.0	0.0	0.0	0.0	0.0	T
8	0.0	0.0	0.0	0.0	T	0.0	57.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
9	0.0	0.0	0.0	0.0	0.0	0.0	37.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	4.2	35.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	T	4.5	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0
12	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0
13	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	54.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0
16	0.0	0.0	0.0	0.0	6.4	0.0	6.4	0.0	0.0	19.0	0.0	0.0	0.0	T	0.0	0.0
17	T	0.0	0.0	0.0	0.0	0.0	10.2	0.0	0.0	64.4	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	10.4	0.0	122.0	0.0	0.0	8.2	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	20.2	19.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
20	0.0	0.0	0.0	0.0	T	19.6	22.5	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.8	3.0	44.0	0.0	T	0.0	0.0	0.0	34.5	0.0	59.8
22	T	0.0	0.0	0.0	0.0	37.9	4.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	T
23	0.0	0.0	0.0	0.0	0.0	29.9	29.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	T	0.0	0.0	0.0	0.0	5.2	9.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.7	60.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	10.0	T	0.0	0.0	0.0	0.0	31.3	12.4	0.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	30.4	7.4	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
29	0.0	0.0	0.0	5.0	0.0	0.0	76.0	34.2	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
30	T	0.0	0.0	0.0	0.0	0.0	60.2	18.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
TOTAL	10	0	0	8	80.5	127.5	711.8	348.7	200.3	68.4	3	84.7				

CAVITE WATER SUPPLY DEVELOPMENT STUDY
TOTAL DAILY RAINFALL (MM & TENTHS)

1994

ELEV : 1772 Ft.

LONG : 120-57-00

LAT : 14-08-00

STATION : MAITIM, AMADEO

DAY	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.0	0.0	0.0	0.0	22.3	37.1	25.6	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	52.1	45.8	48.0	0.0	0.0	0.0
3	0.0	T	0.0	0.0	0.0	0.0	35.3	T	34.5	0.0	0.0	0.0
4	0.0	T	0.0	0.0	0.0	0.0	32.5	T	T	0.0	0.0	0.0
5	0.0	T	0.0	0.0	0.0	0.0	42.7	T	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	24.7	0.0	T	0.0	0.0	0.0
7	T	T	0.0	T	0.0	0.0	41.9	0.0	T	T	0.0	0.0
8	T	T	T	0.0	0.0	0.0	28.7	0.0	T	T	T	0.0
9	0.0	0.0	T	0.0	T	0.0	37.1	0.0	T	72.7	0.0	T
10	0.0	0.0	0.0	0.0	0.0	T	63.8	0.0	T	T	T	T
11	0.0	T	T	0.0	0.0	T	58.6	0.0	T	0.0	T	0.0
12	0.0	T	0.0	0.0	0.0	T	60.9	0.0	T	0.0	T	T
13	0.0	0.0	0.0	0.0	0.0	0.0	32.2	0.0	T	0.0	T	T
14	0.0	0.0	0.0	0.0	0.0	T	43.7	0.0	T	0.0	T	0.0
15	T	0.0	0.0	0.0	T	0.0	35.6	0.0	39.9	0.0	T	0.0
16	T	0.0	0.0	0.0	27.2	T	52.8	0.0	42.1	0.0	0.0	T
17	T	0.0	T	0.0	25.4	0.0	41.4	0.0	0.0	0.0	T	0.0
18	0.0	0.0	T	0.0	28.2	0.0	53.1	0.0	0.0	0.0	44.8	0.0
19	T	0.0	0.0	T	36.5	0.0	55.7	0.0	T	0.0	39.1	0.0
20	0.0	0.0	T	0.0	0.0	0.0	60.5	0.0	T	0.0	T	T
21	0.0	0.0	T	0.0	0.0	T	61.8	0.0	T	124.2	T	T
22	0.0	0.0	0.0	0.0	0.0	30.7	64.8	0.0	T	45.7	0.0	T
23	0.0	0.0	T	0.0	0.0	54.4	51.6	37.1	39.2	0.0	0.0	T
24	0.0	0.0	T	T	0.0	29.2	55.6	T	46.3	39.1	0.0	T
25	0.0	T	T	0.0	T	53.1	34.8	T	T	T	0.0	T
26	0.0	0.0	0.0	0.0	T	T	43.4	0.0	41.1	0.0	0.0	0.0
27	0.0	0.0	T	0.0	0.0	35.9	65.5	0.0	20.6	0.0	0.0	T
28	0.0	0.0	0.0	0.0	0.0	29.5	54.8	31.0	T	0.0	0.0	T
29	0.0		0.0	T	T	36.8	71.9	0.0	T	0.0	0.0	0.0
30	T		0.0	0.0	0.0	T	28.5	44.2	43.5	0.0	0.0	T
31	T		T	0.0	0.0	0.0	0.0	41.7	0.0	0.0	0.0	T
TOTAL	0	0	0	0	117.3	269.6	1408.3	236.9	380.8	281.7	83.9	0

CAVITE WATER SUPPLY DEVELOPMENT STUDY
TOTAL DAILY RAINFALL (MM & TENTHS)
1994

STATION : AMBULONG

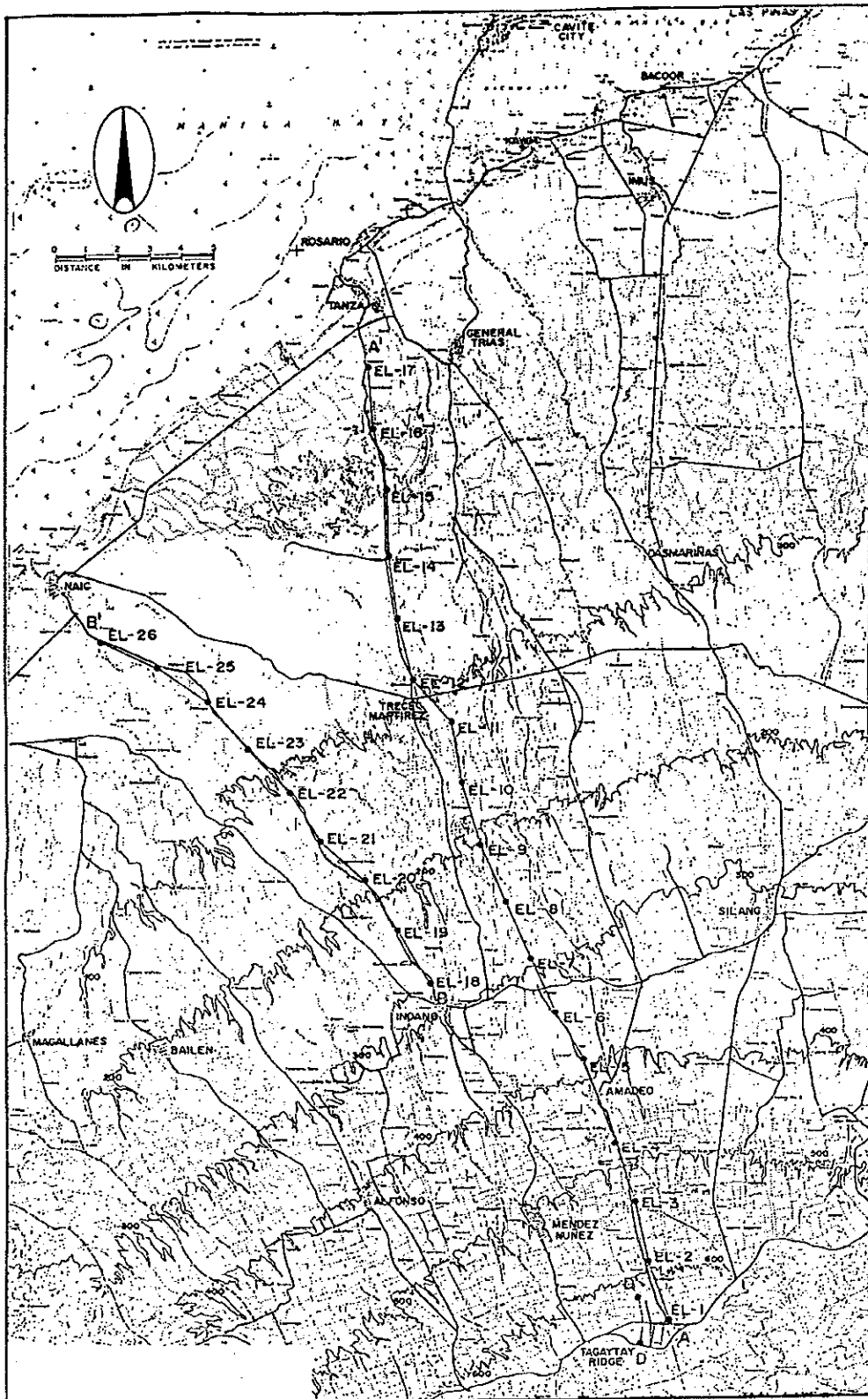
LAT : 14-05-00

LONG : 121-03-00

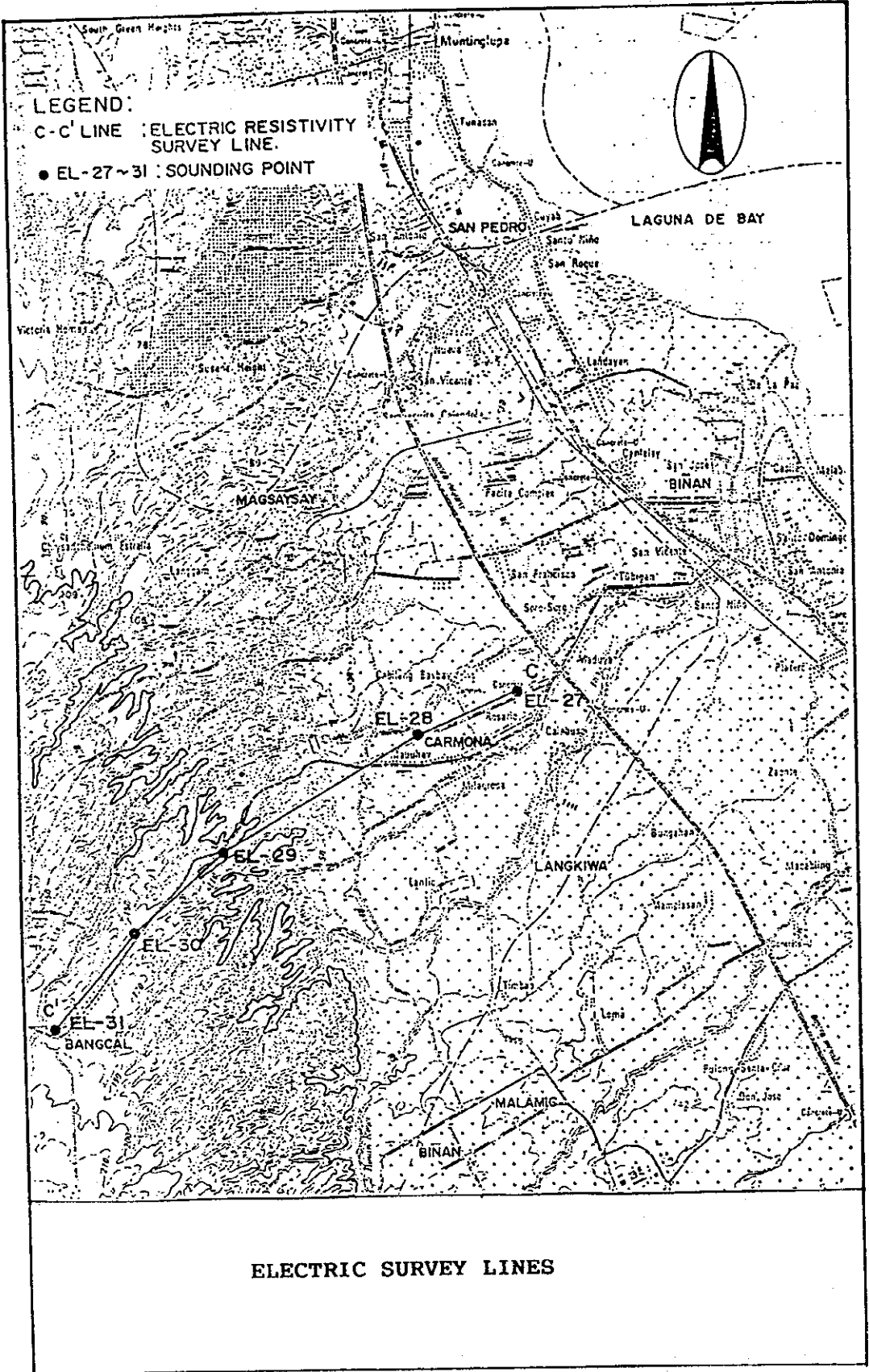
ELEV : 10 m.

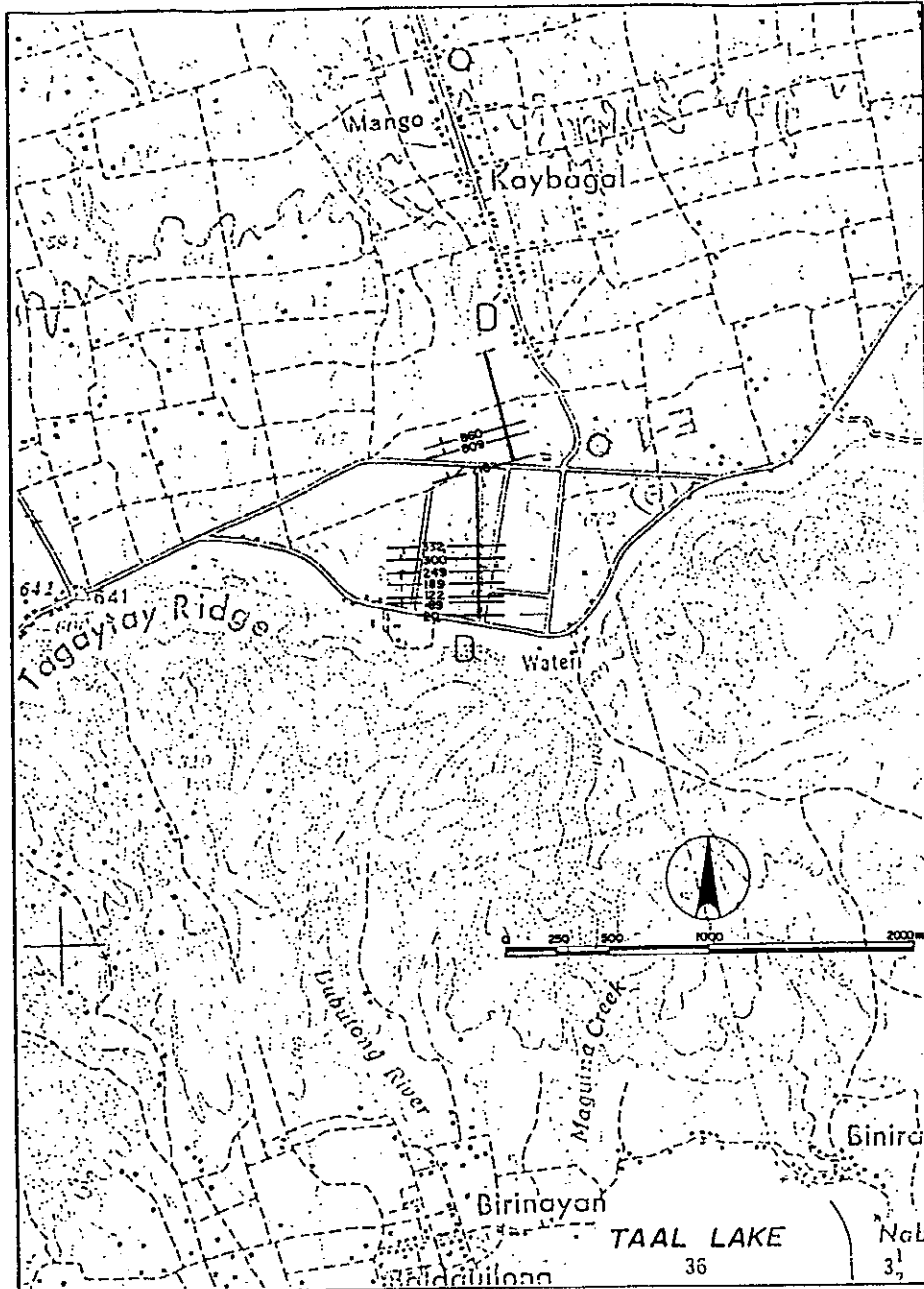
DAY	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	11.6	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	19.3	0.0	0.0	0.0	0.0	0.0	0.0
5	3.0	0.0	0.0	37.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0
6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.5	0.0	0.0	0.0	12.7	6.5	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	17.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	7.1	42.3	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	8.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	7.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
17	1.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	17.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	11.2	45.1	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	64.9	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	2.7	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0
25	8.9	0.0	1.0	0.0	0.5	55.6	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	15.9	0	1	49.3	86.2	273.3						

2. GEOPHYSICAL PROSPECTING DATA

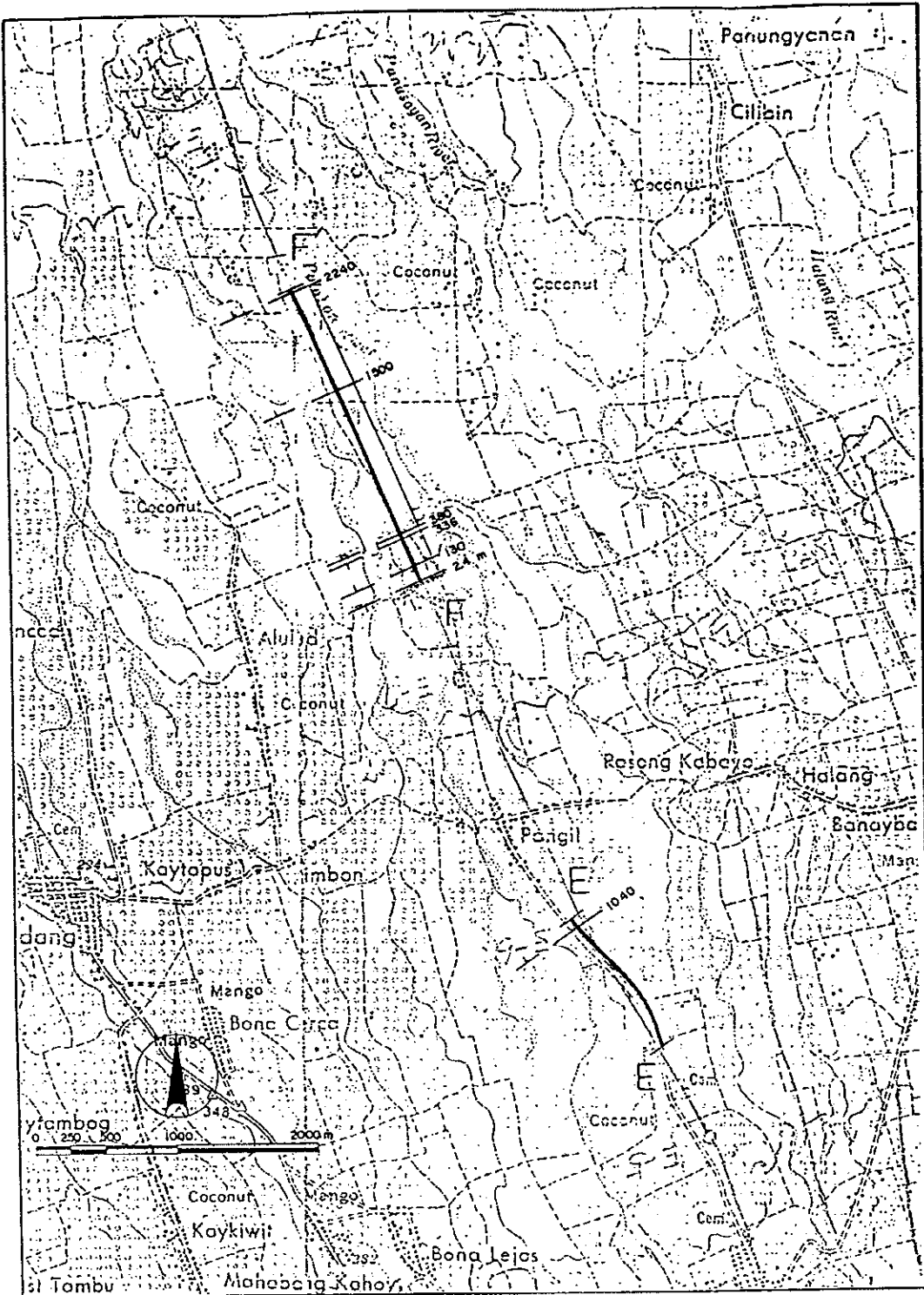


ELECTRIC SURVEY LINES

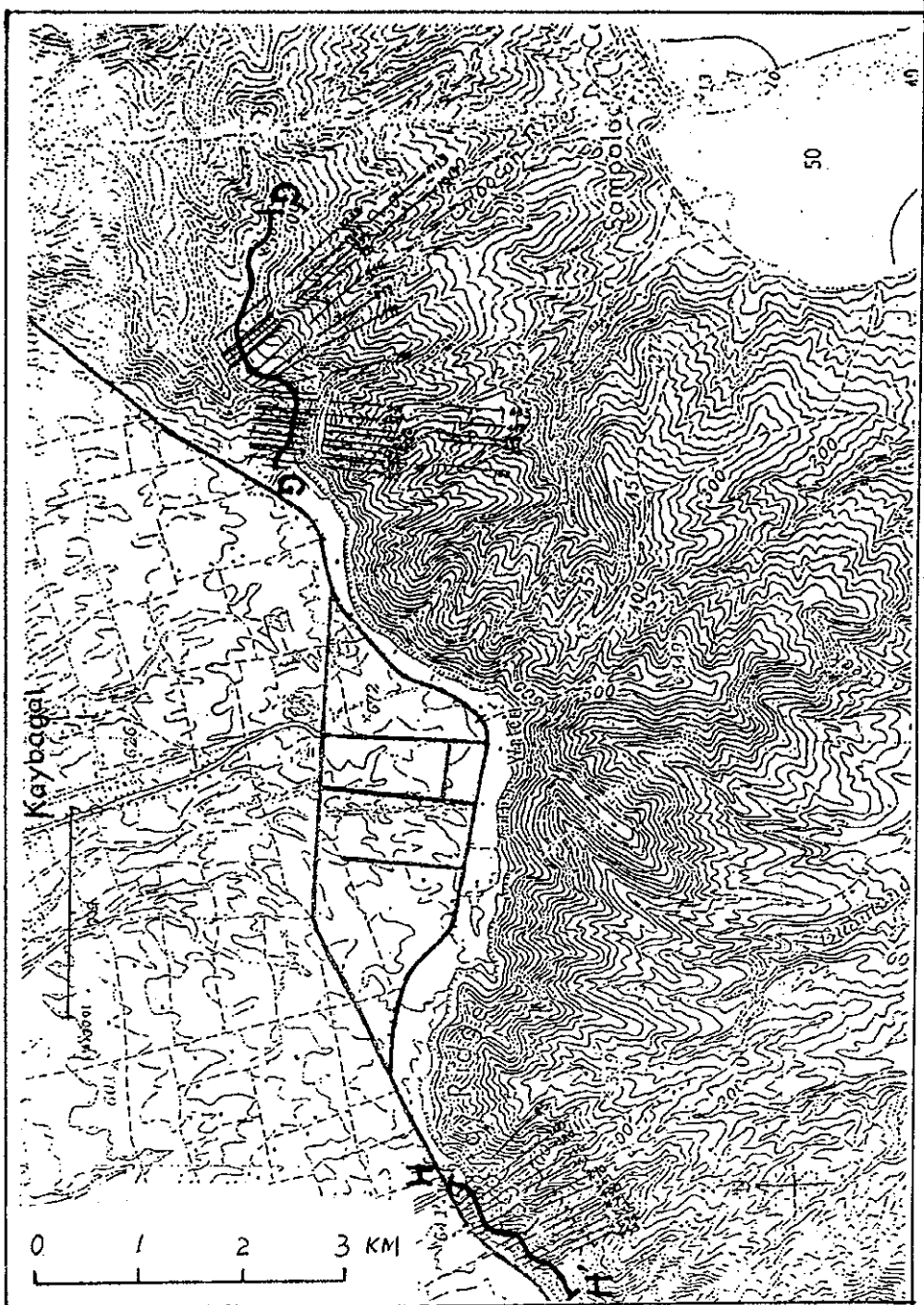




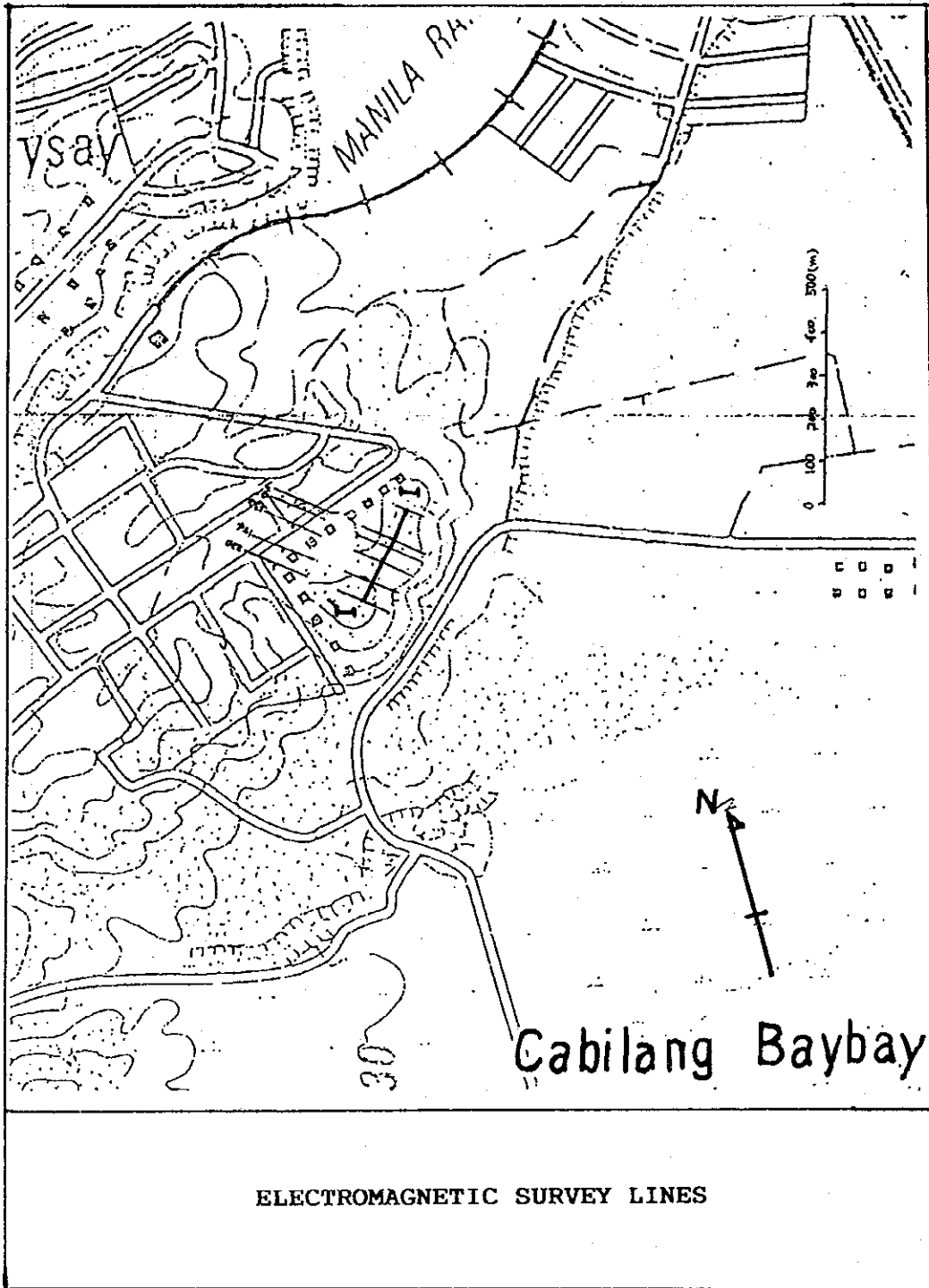
ELECTROMAGNETIC SURVEY LINES



ELECTROMAGNETIC SURVEY LINES



ELECTROMAGNETIC SURVEY LINES



ELECTRIC RESISTIVITY SURVEY DATA

Area : Cavite				Date : May 10, 1994				Area : Cavite				Date : May 10, 1994			
No: EL-1		Measuring Method: Wenner						No: EL-2		Measuring Method: Wenner					
a	V	I		a	V	I		a	V	I		a	V	I	
1	71.60	9.99	45.04	64	17.50	99.7	70.35	1	364.00	49.9	45.83	64	13.50	99.7	54.27
2	40.40	9.98	50.86	68	7.35	49.8	62.77	2	200.00	49.9	50.49	68	13.20	99.7	56.79
3	29.60	9.98	55.84	72	13.50	99.7	61.02	3	142.00	49.9	53.84	72	13.00	99.7	59.21
4	23.80	9.98	59.99	76	13.00	99.7	62.01	4	117.00	49.9	59.29	76	12.70	99.7	61.06
6	17.50	9.98	66.16	80	12.30	99.7	62.31	6	90.20	49.9	68.12	80	12.30	99.7	61.81
8	14.30	9.98	72.21	84	11.20	99.7	59.61	8	71.60	49.9	72.16	84	11.80	99.7	62.77
10	12.40	9.98	78.44	88	10.40	99.7	58.07	10	63.40	49.9	79.82	88	11.80	99.7	65.25
12	11.10	9.98	84.22	92	9.99	99.7	57.80	12	62.10	49.9	93.87	92	11.60	99.7	67.63
14	10.20	9.98	90.11	96	9.48	99.7	57.24	14	62.90	49.8	110.88	96	11.50	99.7	69.29
16	9.44	9.98	94.97	100	9.00	99.7	56.52	16	62.10	49.8	125.02	100	11.60	99.7	73.48
18	9.27	9.98	104.86	110	7.16	99.7	49.06	18	60.20	49.8	136.39	110	12.20	99.7	84.99
20	9.0	9.98	113.54	120	5.18	99.7	38.45	20	56.10	49.8	141.17	120	12.40	99.7	93.50
22	8.67	9.98	120.00	130	4.76	99.7	38.35	22	51.90	49.8	143.62	130	10.80	99.7	88.13
24	8.29	9.98	125.25	140	4.15	99.7	36.08	24	48.70	49.8	147.43	140	9.86	99.7	87.03
26	7.94	9.98	129.74	150	4.79	99.7	45.22	26	44.60	49.8	145.90	150	19.50	99.7	92.31
28	7.44	9.98	131.05	160	4.98	99.7	49.25	28	38.90	49.8	137.20	160	19.20	199.0	96.96
30	6.92	9.98	130.56	170	5.54	99.7	58.80	30	32.40	49.8	122.46	170	19.50	199.0	104.75
32	6.43	9.98	129.44	180	6.79	99.7	76.84	32	26.50	49.8	106.93	180	19.90	199.0	113.00
36	10.50	19.90	119.33	190	6.07	99.7	71.52	36	17.40	49.8	78.87	190	19.70	199.0	118.00
40	8.08	19.90	101.40	200	5.55	99.7	69.08	40	13.50	49.8	68.27	200	18.70	199.0	118.03
44	6.28	19.90	86.66	220	5.89	99.7	81.48	44	11.40	49.8	63.20	220	14.60	199.0	101.32
48	13.30	49.90	80.50	240	5.62	99.7	84.50	48	9.57	49.8	57.59	240	11.80	199.0	87.96
52	11.60	49.90	76.03	260	7.01	99.7	114.24	52	16.50	99.7	54.17	260	12.00	199.0	98.41
56	10.40	49.80	73.46	280	6.53	99.7	114.34	56	14.70	99.7	51.67	280	13.30	199.0	117.56
60	9.55	49.90	71.91	300	5.73	99.7	107.39	60	14.90	99.7	56.48	300	16.10	199.0	152.42

Area : Cavite				Date : May 10, 1994				Area : Cavite				Date : May 11, 1994			
No: EL-3		Measuring method: Wenner						No: EL-4		Measuring method: Wenner					
a	V	I		a	V	I		a	V	I		a	V	I	
1	194.00	49.9	24.50	64	15.80	99.7	63.92	1	772.00	49.9	96.96	64	17.40	99.7	59.95
2	101.00	49.9	25.48	68	14.80	99.6	63.20	2	194.00	49.9	48.88	68	16.10	99.7	58.75
3	84.00	49.9	31.73	72	13.90	99.7	60.12	3	103.00	49.9	39.13	72	15.10	99.7	68.70
4	74.10	49.9	37.27	76	12.30	99.7	58.67	4	77.90	49.9	39.16	76	13.90	99.7	66.78
6	63.30	49.8	47.80	80	11.70	99.7	58.79	6	69.90	49.9	47.50	80	13.10	99.7	65.83
8	53.60	49.8	54.02	84	11.10	99.6	59.08	8	53.80	49.9	54.17	84	12.60	99.7	66.47
10	44.90	49.8	56.58	88	12.40	99.7	68.57	10	47.30	49.9	59.53	88	11.80	99.7	65.25
12	40.50	49.8	61.15	92	10.30	99.7	59.53	12	41.40	49.9	70.12	92	10.90	99.7	63.00
14	36.20	49.8	63.89	96	10.00	99.6	60.85	14	35.80	49.9	63.18	96	10.20	99.7	61.46
16	32.40	49.8	65.22	100	9.87	99.8	62.17	16	32.70	49.9	65.83	100	9.82	99.7	61.54
18	29.90	49.8	67.80	110	9.69	99.6	67.03	18	29.20	49.8	66.22	110	8.50	99.7	58.74
20	28.20	49.8	71.09	120	9.11	99.7	68.61	20	25.90	49.8	65.31	120	14.60	189.0	58.06
22	26.80	49.8	74.16	130	9.16	99.6	74.26	22	23.50	49.8	65.05	130	14.10	199.0	57.12
24	25.00	49.8	75.75	140	9.24	99.7	80.96	24	21.70	49.8	65.64	140	12.80	199.0	56.32
26	23.30	49.8	76.21	150	5.77	99.6	53.69	26	20.20	49.8	66.10	150	11.50	199.0	53.69
28	21.20	49.8	74.76	160	5.27	99.6	52.26	28	19.00	49.8	67.02	160	9.89	184.0	53.27
30	19.20	49.8	72.72	170	4.87	99.6	51.31	30	17.70	49.8	67.07	170	11.40	199.0	60.93
32	17.80	49.8	71.76	180	4.64	99.6	51.98	32	17.00	49.8	68.74	180	9.39	199.0	53.11
36	15.30	49.8	69.38	190	4.50	99.6	53.64	36	15.00	49.8	68.03	190	8.78	199.0	52.45
40	14.10	49.8	71.03	200	4.44	99.6	55.26	40	13.90	49.8	70.03	200	8.30	199.0	51.50
44	12.60	49.8	69.83	220	3.81	99.6	52.48	44	12.90	49.8	71.48	220	7.29	199.0	49.72
48	11.40	49.8	69.04	240	3.42	99.7	51.31	48	23.60	99.7	71.15	240	6.66	199.0	49.80
52	11.30	49.8	74.07	260	3.01	99.6	48.96	52	21.60	99.7	70.81	260	5.61	182.0	48.96
56	9.68	49.8	68.19	280	2.73	99.6	47.49	56	20.50	99.7	72.41	280	5.54	199.0	47.49
60	8.76	49.8	65.89	300	5.16	199.0	47.10	60	39.70	99.7	149.85	300			

ELECTRIC RESISTIVITY SURVEY DATA

Area : Cavite				Date : May 11, 1994				Area : Cavite				Date : May 11, 1994			
No: EL-5				Measuring method: Wenner				No: EL-6				Measuring method: Wenner			
a	V	I		a	V	I		a	V	I		a	V	I	
1	375.00	49.9	47.19	64	6.86	49.8	55.07	1	405.00	49.9	51.03	64	5.41	49.8	43.42
2	173.00	49.9	43.83	68	6.90	49.8	58.93	2	169.00	49.9	42.57	68	5.12	49.8	43.55
3	130.00	49.9	49.42	72	6.30	49.8	56.95	3	85.90	49.9	32.44	72	4.78	49.8	42.94
4	117.00	49.9	58.96	76	5.70	49.8	54.38	4	60.50	49.9	30.45	76	4.38	49.8	41.50
6	94.10	49.9	71.10	80	5.45	49.8	54.77	6	38.50	49.9	27.63	80	4.43	49.8	44.22
8	77.80	49.8	78.39	84	5.06	49.8	53.28	8	27.00	49.8	27.29	84	4.31	49.8	45.37
10	64.20	49.8	80.82	88	4.67	49.8	51.43	10	23.20	49.8	29.26	88	4.05	49.8	44.79
12	64.10	49.8	81.73	92	4.10	49.8	47.97	12	19.70	49.8	29.78	92	3.72	49.8	42.77
14	48.20	49.8	81.49	96	3.66	49.8	43.98	14	17.60	49.8	31.15	96	3.59	49.8	43.38
16	41.10	49.8	82.81	100	3.89	49.8	48.98	16	16.50	49.8	33.27	100	3.42	49.8	42.70
18	36.70	49.8	83.28	110	3.64	49.8	49.75	18	15.20	49.8	34.47	110	3.19	49.8	44.22
20	33.30	49.8	83.78	120	3.41	49.8	51.27	20	14.20	49.8	35.80	120	2.94	49.8	44.49
22	29.60	49.8	81.89	130	3.27	49.8	53.04	22	13.20	49.8	36.60	130	2.69	49.8	43.25
24	26.80	49.8	81.18	140	5.30	99.7	46.64	24	12.30	49.8	37.42	140	2.59	49.8	45.76
26	24.40	49.8	79.80	150	4.86	99.7	45.22	26	11.80	49.8	38.68	150	2.45	49.8	46.16
28	22.60	49.8	79.68	160	4.49	99.7	45.23	28	11.40	49.8	40.11	160	2.23	49.8	44.22
30	20.90	49.8	78.94	170	4.21	99.7	44.90	30	10.60	49.8	40.13	170	2.10	49.8	44.90
32	19.30	49.8	77.99	180	4.06	99.6	45.20	32	10.00	49.8	40.60	180	2.01	49.8	45.20
36	16.90	49.8	76.84	190	4.08	99.7	47.68	36	9.23	49.8	41.81	190	1.95	49.8	46.49
40	14.60	49.8	73.54	200	3.78	99.7	46.47	40	8.64	49.8	43.42	200	3.68	49.8	45.22
44	13.40	49.8	73.97	220	3.54	99.7	48.34	44	7.92	49.8	43.61	220	3.34	99.7	45.57
48	11.80	49.8	71.15	240	2.99	99.6	43.76	48	7.37	49.8	44.32	240	3.02	99.6	45.27
52	10.20	49.8	66.89	260	2.89	99.7	44.06	52	6.72	49.8	43.72	260	2.79	99.6	45.70
56	9.10	49.8	63.97	280	2.64	99.7	45.73	56	6.23	49.8	43.59	280	2.63	99.6	45.73
60	8.06	49.8	60.62	300	2.31	99.6	43.33	60	5.89	49.8	44.43	300	2.44	99.6	45.22

Area : Cavite				Date : May 11, 1994				Area : Cavite				Date : May 12, 1994			
No: EL-7				Measuring method: Wenner				No: EL-8				Measuring method: Wenner			
a	V	I		a	V	I		a	V	I		a	V	I	
1	297.00	49.8	37.42	64	4.01	49.8	32.16	1	269.00	49.9	33.87	64	4.73	49.8	37.79
2	128.00	49.8	32.46	68	3.91	49.8	33.31	2	112.00	49.9	28.26	68	7.49	49.8	38.43
3	81.20	49.8	30.69	72	3.70	49.8	33.45	3	71.20	49.9	26.88	72	4.44	49.8	40.23
4	56.90	49.8	28.66	76	3.41	49.8	32.44	4	51.30	49.9	25.80	76	4.11	49.8	39.11
6	36.00	49.8	29.10	80	3.78	49.8	37.69	6	36.80	49.9	29.33	80	4.13	49.8	41.21
8	27.20	49.8	27.44	84	3.26	49.8	34.29	8	28.30	49.9	28.54	84	7.74	99.7	40.62
10	22.20	49.8	27.95	88	3.43	49.8	37.60	10	21.80	49.9	27.44	88	7.52	99.7	41.48
12	18.00	49.8	27.29	92	5.01	99.7	34.68	12	18.60	49.9	28.12	92	7.26	99.7	41.62
14	16.80	49.8	29.74	96	5.95	99.6	35.55	14	16.10	49.9	28.42	96	6.95	99.7	41.57
16	15.10	49.8	30.45	100	5.73	99.6	35.80	16	14.90	49.9	30.05	100	6.69	99.7	42.08
18	13.70	49.8	31.08	110	5.31	99.6	36.62	18	13.10	49.9	29.72	110	6.31	99.7	43.53
20	12.50	49.8	31.53	120	4.86	99.6	36.19	20	12.10	49.9	30.40	120	5.81	99.7	43.73
22	11.50	49.8	31.90	130	4.67	99.6	37.54	22	11.00	49.8	30.52	130	5.35	99.7	43.25
24	10.30	49.8	31.09	140	4.41	99.6	38.72	24	10.60	49.8	31.99	140	5.06	99.7	44.00
26	9.28	49.8	30.36	150	4.16	99.6	38.62	26	10.00	49.8	32.97	150	4.81	99.7	45.22
28	8.70	49.8	30.61	160	3.93	99.6	39.20	28	9.16	49.8	32.19	160	4.55	99.7	45.23
30	7.96	49.8	29.96	170	3.71	99.6	39.55	30	8.64	49.8	32.59	170	4.27	99.7	44.90
32	7.49	49.8	30.15	180	3.48	99.6	38.42	32	8.45	49.8	33.97	180	4.03	99.7	45.20
36	6.74	49.8	30.51	190	3.33	99.6	39.34	36	7.68	49.8	34.80	190	3.76	99.7	44.10
40	6.05	49.8	30.37	200	3.17	99.6	38.94	40	6.48	49.8	32.38	200	3.53	99.7	43.96
44	5.40	49.8	29.81	220	2.87	99.6	36.67	44	6.27	49.8	34.50	220	3.24	99.7	44.19
48	5.11	49.8	30.75	240	2.59	99.6	39.23	48	5.84	49.8	35.28	240	2.89	99.7	43.76
52	4.86	49.8	31.65	260	2.41	99.6	39.17	52	5.62	49.8	36.55	260	2.58	99.7	40.80
56	4.51	49.8	31.64	280	2.20	99.6	38.70	56	5.35	49.8	36.91	280	2.37	99.7	40.46
60	4.27	49.8	32.00	300	2.03	99.6	37.68	60	4.99	49.8	37.65	300	2.11	99.7	39.56

ELECTRIC RESISTIVITY SURVEY DATA

Area : Cavite Date : May 12, 1994								Area : Cavite Date : May 12, 1994							
No : EL-9				Measuring method: Wenner				No : EL-10				Measuring method: Wenner			
a	V	I		a	V	I		a	V	I		a	V	I	
1	298.00	49.9	37.56	64	4.90	49.8	39.40	1	157.00	49.9	19.83	64	4.17	49.8	33.37
2	114.00	49.9	28.75	68	4.47	49.8	38.00	2	73.10	49.9	18.39	68	4.03	49.8	34.16
3	63.50	49.9	23.98	72	4.28	49.8	38.42	3	43.80	49.8	16.52	72	3.95	49.8	35.71
4	40.60	49.9	20.41	76	4.33	49.8	41.02	4	31.20	49.8	15.69	76	7.51	99.6	35.78
6	23.90	49.8	18.06	80	3.91	49.8	39.20	6	22.00	49.8	16.66	80	7.45	99.6	37.19
8	18.40	49.8	18.59	84	3.94	49.8	41.67	8	17.60	49.8	17.74	84	7.17	99.6	37.45
10	15.10	49.8	19.09	88	3.76	49.8	41.48	10	14.60	49.8	18.40	88	6.95	99.6	38.16
12	13.60	49.8	20.58	92	3.58	49.8	41.04	12	13.00	49.8	19.68	92	6.66	99.6	38.15
14	12.20	49.8	21.56	96	3.43	49.8	40.97	14	11.80	49.8	20.86	96	6.50	99.6	39.16
18	11.30	49.8	22.81	100	6.83	99.7	41.45	16	10.70	49.8	21.71	100	6.23	99.8	38.94
18	10.80	49.8	24.41	110	6.00	99.6	41.46	18	9.95	49.8	22.49	110	5.83	99.6	40.08
20	10.30	49.8	25.87	120	5.58	99.6	42.22	20	9.31	49.8	23.36	120	5.23	99.6	39.21
22	9.88	49.8	27.34	130	5.17	99.6	41.62	22	8.88	49.8	24.58	130	4.88	99.6	39.98
24	9.45	49.8	28.52	140	4.16	99.6	40.48	24	8.27	49.8	24.90	140	4.59	99.6	40.48
26	8.90	49.8	29.05	150	4.24	99.6	39.56	26	7.82	49.8	25.46	150	4.24	99.6	39.56
28	8.62	49.8	30.25	160	7.98	199.0	40.20	28	7.58	49.8	26.74	160	3.98	99.6	39.20
30	8.35	49.8	31.46	170	7.45	199.0	39.55	30	7.27	49.8	27.32	170	3.59	99.6	38.48
32	7.91	49.8	31.76	180	7.03	199.0	39.55	32	7.58	49.8	30.55	180	3.44	99.6	38.42
36	7.24	49.8	32.77	190	6.58	199.0	39.34	36	6.43	49.8	28.93	190	3.09	99.6	36.95
40	6.73	49.8	33.63	200	6.13	199.0	37.68	40	6.26	49.8	31.38	200	2.92	99.6	36.42
44	6.43	49.8	35.60	220	5.41	199.0	37.29	44	5.85	49.8	39.29	220	2.55	99.6	34.53
48	5.96	49.8	35.88	240	4.85	199.0	36.22	48	5.19	49.8	31.36	240	2.26	99.6	33.20
52	5.58	49.8	36.22	260	4.24	199.0	34.27	52	4.70	49.8	30.67	260	1.94	99.6	31.01
56	5.24	49.8	36.91	280	3.89	199.0	33.42	56	4.61	49.8	32.34	280	1.71	99.6	29.90
60	4.94	49.8	37.27	300	3.59	199.0	33.91	60	4.27	49.8	32.00	300	1.51	99.6	28.26

Area : Cavite Date : May 12, 1994								Area : Cavite Date : May 13, 1994							
No : EL-11				Measuring method: Wenner				No : EL-12				Measuring method: Wenner			
a	V	I		a	V	I		a	V	I		a	V	I	
1	234.00	49.9	29.48	64	9.59	99.6	38.59	1	10.00	49.9	13.90	64	8.40	99.7	33.77
2	57.30	49.9	14.44	68	9.41	99.6	40.14	2	69.30	49.9	17.45	68	7.99	99.7	34.16
3	38.40	49.8	14.53	72	8.96	99.6	40.23	3	43.50	49.9	16.45	72	7.46	99.7	33.45
4	27.40	49.8	13.81	76	8.51	99.7	40.55	4	31.60	49.9	15.91	76	7.24	99.7	34.34
6	22.40	49.8	16.97	80	8.29	99.6	41.71	6	21.10	49.9	15.91	80	6.99	99.7	35.18
8	18.00	49.8	19.20	84	7.87	99.6	41.15	8	17.70	49.9	17.84	84	12.80	199.0	33.76
10	17.60	49.8	22.17	88	7.80	99.6	42.03	10	15.90	49.9	19.41	88	12.30	199.0	33.73
12	16.60	49.8	25.18	92	7.26	99.6	41.62	12	13.60	49.9	20.89	92	11.70	199.0	34.10
14	15.30	49.8	27.10	96	6.86	99.6	40.97	14	12.70	49.9	22.44	96	10.90	199.0	32.54
16	14.30	49.8	28.74	100	6.62	99.6	41.45	16	11.40	49.9	23.01	100	10.70	199.0	33.91
18	13.20	49.8	29.95	110	6.00	99.6	41.46	18	10.30	49.9	23.28	110	9.45	199.0	32.48
20	12.20	49.8	30.90	120	5.34	99.6	39.96	20	10.10	49.9	25.37	120	8.76	199.0	32.42
22	11.40	49.8	31.76	130	4.77	99.6	38.35	22	19.10	99.7	26.38	130	8.22	199.0	33.46
24	10.70	49.8	32.59	140	4.41	99.6	38.72	24	18.10	99.7	27.31	140	7.32	199.0	31.68
26	10.20	49.8	33.46	150	4.00	99.7	37.68	26	17.20	99.7	28.07	150	6.39	199.0	30.14
28	9.62	49.8	33.95	160	3.46	99.6	34.17	28	15.80	99.7	27.97	160	5.30	199.0	26.13
30	9.25	49.8	34.85	170	3.28	99.6	34.21	30	15.50	99.7	29.20	170	4.38	199.0	22.45
32	8.87	49.8	35.58	180	6.01	199.0	33.90	32	14.70	99.7	29.55	180	4.35	199.0	23.73
36	7.95	49.8	35.93	190	5.27	199.0	30.99	36	13.10	99.7	29.61	190	3.83	199.0	22.65
40	7.14	49.8	35.89	200	4.90	199.0	30.14	40	11.90	99.7	29.87	200	3.40	199.0	21.35
44	6.78	49.8	37.54	220	4.27	199.0	29.00	44	11.30	99.7	31.19	220	3.12	199.0	20.72
48	5.98	49.8	35.88	240	3.75	199.0	27.16	48	10.60	99.7	31.96	240	2.93	199.0	21.13
52	5.71	49.8	37.20	260	3.29	199.0	26.11	52	10.10	99.7	32.96	260	3.03	199.0	24.48
56	5.45	49.8	38.31	280	3.95	199.0	24.63	56	9.46	99.7	33.04	280	4.95	199.0	42.22
60	5.12	49.8	38.40	300	2.73	199.0	24.49	60	8.93	99.7	33.51	300	2.63	199.0	24.49

ELECTRIC RESISTIVITY SURVEY DATA

Area : Cavite				Date : May 13, 1994				Area : Cavite				Date : May 13, 1994			
No : EL-13				Measuring method: Wenner				No : EL-14				Measuring method: Wenner			
a	V	I		a	V	I		a	V	I		a	V	I	
1	178.00	49.9	22.48	64	6.49	99.7	26.13	1	121.00	49.9	15.34	64	4.75	99.7	18.89
2	88.00	49.9	22.16	68	6.15	99.7	26.05	2	40.90	49.9	10.29	68	4.36	99.7	18.36
3	61.80	49.9	23.36	72	5.83	99.7	26.22	3	23.60	49.9	8.87	72	4.28	99.7	18.98
4	50.00	49.8	25.18	76	6.53	99.7	26.24	4	18.40	49.8	9.29	76	4.14	99.7	19.56
6	30.70	49.8	23.19	80	5.03	99.7	25.13	6	13.30	49.8	10.07	80	7.63	199.0	19.10
8	23.30	49.8	23.52	84	5.06	99.7	26.38	8	10.80	49.8	10.90	84	7.81	199.0	20.57
10	19.20	49.8	24.24	88	4.86	99.7	26.54	10	8.49	49.8	10.68	88	7.15	199.0	19.36
12	16.90	49.8	25.64	92	4.63	99.7	26.59	12	7.24	49.8	10.93	92	6.91	199.0	19.65
14	15.30	49.8	27.02	96	4.56	99.7	27.11	14	6.47	49.8	11.35	96	6.60	199.0	19.88
16	13.70	49.8	27.74	100	4.88	99.7	30.14	16	5.57	49.8	11.16	100	6.31	199.0	19.47
18	12.10	49.8	27.46	110	4.35	99.7	29.71	18	5.26	49.8	11.87	110	5.82	199.0	20.04
20	11.10	49.8	28.01	120	3.97	99.7	29.41	20	4.90	49.8	12.31	120	5.18	199.0	19.60
22	10.30	49.8	28.72	130	3.44	99.7	27.74	22	4.50	49.8	12.43	130	4.74	199.0	18.77
24	9.73	49.8	29.43	140	3.03	99.7	26.40	24	4.13	49.8	12.37	140	4.23	199.0	18.48
26	9.21	49.8	30.03	150	2.60	99.7	24.49	26	3.98	49.8	12.89	150	3.93	199.0	17.90
28	8.18	49.8	29.90	160	2.44	99.6	24.12	28	3.67	49.8	12.84	160	3.28	199.0	16.08
30	7.96	49.8	29.96	170	4.50	199.0	23.52	30	3.57	49.8	13.38	170	3.26	199.0	17.10
32	7.11	49.8	28.54	180	4.14	199.0	22.60	32	3.37	49.8	13.47	180	3.06	199.0	16.95
36	6.02	49.8	27.12	190	3.85	199.0	22.65	36	3.27	49.8	14.69	190	4.06	199.0	23.84
40	5.18	49.8	26.10	200	3.71	199.0	22.61	40	2.95	49.8	14.81	200	2.74	199.0	16.33
44	4.63	49.8	25.39	220	3.20	199.0	21.13	44	5.78	99.7	15.73	220	2.51	199.0	16.57
48	4.16	49.8	25.02	240	2.87	199.0	19.58	48	5.43	99.6	16.28	240	2.29	199.0	16.60
52	3.82	49.8	24.80	260	2.56	199.0	19.35	52	5.11	99.7	16.64	260	2.09	199.0	16.32
56	3.69	49.8	26.01	280	2.37	199.0	16.96	56	4.91	99.7	17.22	280	1.87	199.0	15.83
60	6.96	99.7	25.98	300	1.94	199.0	18.84	60	4.69	99.7	17.70	300	2.13	199.0	18.84

Area : Cavite				Date : May 16, 1994				Area : Cavite				Date : May 16, 1994			
No : EL-15				Measuring method: Wenner				No : EL-16				Measuring method: Wenner			
a	V	I		a	V	I		a	V	I		a	V	I	
1	189.00	49.9	61.53	64	4.56	99.7	18.09	1	325.00	49.9	40.90	64	3.83	99.7	16.28
2	42.20	49.9	10.64	68	4.67	99.7	19.64	2	53.20	49.9	13.40	68	3.49	99.7	14.95
3	23.40	49.9	8.84	72	4.48	99.7	19.89	3	21.50	49.9	8.12	72	3.34	99.7	14.92
4	18.10	49.9	9.11	76	4.06	99.7	19.08	4	17.50	49.9	8.81	76	3.16	99.7	14.79
6	12.40	49.9	9.39	80	3.77	99.7	18.59	6	12.50	49.9	9.43	80	3.07	99.7	15.08
8	9.12	49.9	9.15	84	3.75	99.7	19.52	8	9.06	49.9	9.10	84	3.28	99.7	16.88
10	7.68	49.9	9.67	88	3.62	99.7	19.91	10	7.63	49.8	9.61	88	2.92	99.7	16.04
12	6.91	49.9	10.41	92	6.91	199.0	19.65	12	6.26	49.8	9.43	92	2.82	99.7	16.18
14	6.34	49.9	11.18	96	6.63	199.0	19.88	14	5.65	49.8	9.94	96	2.93	99.7	17.47
16	5.95	49.9	11.96	100	6.69	199.0	20.72	16	4.87	49.8	9.75	100	2.64	99.7	16.33
18	5.80	49.8	12.66	110	6.19	199.0	21.42	18	4.32	49.8	9.72	110	2.39	99.6	16.58
20	5.21	49.8	13.06	120	5.63	199.0	21.11	20	4.22	49.8	10.55	120	2.48	99.6	18.10
22	4.80	49.8	13.26	130	5.06	199.0	20.40	22	3.76	49.8	10.36	130	2.00	99.7	16.32
24	9.46	99.7	14.34	140	4.60	199.0	20.24	24	3.55	49.8	10.71	140	1.79	99.7	15.84
26	9.72	99.7	15.83	150	4.33	199.0	19.78	26	3.29	49.8	10.61	150	3.50	199.0	16.01
28	8.89	99.7	15.66	160	3.89	199.0	19.10	28	3.28	49.8	11.43	160	3.21	199.0	16.08
30	7.96	99.7	15.07	170	3.84	199.0	20.31	30	3.02	49.8	11.30	170	2.91	199.0	14.97
32	7.19	99.7	14.47	180	3.55	199.0	19.21	32	2.90	49.8	11.66	180	2.70	199.0	14.69
36	6.57	99.7	14.69	190	3.44	199.0	20.26	36	2.75	49.8	12.43	190	2.63	199.0	15.50
40	5.94	99.7	14.81	200	3.11	199.0	18.84	40	2.68	49.8	13.30	200	2.37	199.0	13.82
44	5.81	99.7	16.01	220	2.84	199.0	19.33	44	4.88	99.7	13.25	220	2.12	199.0	13.81
48	5.35	99.7	16.28	240	2.54	199.0	18.11	48	4.56	99.7	13.57	240	1.93	199.0	13.58
52	5.14	99.7	16.64	260	2.23	199.0	17.95	52	4.48	99.7	14.36	260	1.66	199.0	13.06
56	4.91	99.7	17.22	280	1.95	199.0	15.83	56	4.21	99.7	14.76	280	2.11	199.0	17.59
60	4.87	99.7	18.07	300	1.77	199.0	15.07	60	4.08	99.7	15.06	300	1.46	199.0	13.19

ELECTRIC RESISTIVITY SURVEY DATA

Area : Cavite				Date : May 16, 1994				Area : Cavite				Date : May 16, 1994			
No : EL-17				Measuring method: Wenner				No : EL-18				Measuring method: Wenner			
a	V	I		a	V	I		a	V	I		a	V	I	
1	325.00	49.9	41.00	64	2.95	99.7	11.66	1	114.00	49.8	14.37	64	4.08	49.8	32.56
2	100.00	49.9	25.33	68	2.75	99.7	11.53	2	68.40	49.9	17.23	68	3.77	49.8	32.63
3	38.50	49.8	14.54	72	2.66	99.6	11.75	3	42.60	49.9	17.97	72	7.16	99.7	32.09
4	21.90	49.8	11.04	76	2.63	99.6	11.93	4	37.80	49.9	19.03	76	6.91	99.7	32.91
6	12.20	49.8	9.24	80	2.42	99.9	12.00	6	25.40	49.9	19.23	80	6.61	99.7	33.17
8	8.88	49.8	8.94	84	2.26	99.7	11.61	8	20.70	49.9	20.85	84	6.38	99.7	33.23
10	6.50	49.8	8.16	88	2.66	99.7	14.38	10	18.00	49.8	22.73	88	6.38	99.6	34.84
12	5.81	49.8	8.75	92	2.34	99.6	13.29	12	15.90	49.8	24.13	92	6.02	99.7	34.68
14	4.89	49.8	8.62	96	2.04	99.6	12.05	14	14.70	49.8	26.05	96	5.88	99.7	35.55
16	4.21	49.8	8.44	100	2.09	99.7	13.19	16	13.40	49.8	27.03	100	5.71	99.7	35.80
18	3.50	49.8	7.91	110	1.75	99.7	11.75	18	12.20	49.8	27.69	110	5.39	99.6	37.31
20	3.68	49.8	9.17	120	1.66	99.7	12.06	20	11.50	49.8	29.01	120	4.91	99.7	36.95
22	3.39	49.8	9.25	130	1.51	99.7	12.24	22	10.40	49.8	28.86	130	4.88	99.7	39.17
24	3.12	49.8	9.36	140	2.69	199.0	12.32	24	8.95	49.8	27.01	140	4.66	99.7	40.48
26	2.95	49.8	9.63	150	2.49	199.0	11.30	26	8.99	49.8	29.38	150	4.35	99.7	40.51
28	2.67	49.8	9.32	160	2.31	199.0	11.06	28	8.37	49.8	29.38	160	4.11	99.6	41.21
30	2.52	49.8	9.42	170	2.34	199.0	12.83	30	7.74	49.8	29.20	170	3.86	99.6	40.62
32	2.49	49.8	9.85	180	2.15	199.0	113.00	32	7.23	49.8	28.94	180	3.70	99.7	41.81
36	2.26	49.8	10.17	190	1.98	199.0	10.73	36	6.45	49.8	29.15	190	3.40	99.6	40.53
40	2.05	49.8	10.29	200	1.95	199.0	11.30	40	5.02	49.8	29.12	200	3.20	99.7	40.19
44	1.89	49.8	10.21	220	1.68	199.0	11.05	44	5.35	49.8	29.53	220	2.85	99.7	38.67
48	1.75	49.8	10.55	240	1.49	199.0	10.56	48	4.87	49.8	29.25	240	2.42	99.6	36.22
52	3.48	99.7	11.09	260	1.29	199.0	9.79	52	4.63	49.8	30.02	260	2.29	99.6	35.90
56	3.17	99.7	10.90	280	1.30	199.0	10.55	56	4.29	49.8	30.23	280	2.16	99.6	36.94
60	3.25	99.7	12.05	300	1.08	199.0	9.42	60	4.18	49.8	31.25	300	4.13	199.0	41.45

Area : Cavite				Date : May 17, 1994				Area : Cavite				Date : May 17, 1994			
No : EL-19				Measuring method: Wenner				No : EL-20				Measuring method: Wenner			
a	V	I		a	V	I		a	V	I		a	V	I	
1	212.00	49.9	26.74	64	7.22	99.7	28.94	1	671.00	99.7	42.26	64	9.70	99.7	38.99
2	77.20	49.9	19.43	68	6.88	99.7	29.04	2	195.00	99.7	24.67	68	9.38	99.7	40.14
3	45.40	49.9	17.14	72	6.49	99.7	29.38	3	92.10	99.7	17.41	72	8.96	99.7	40.23
4	31.80	49.9	15.99	76	6.18	99.7	29.57	4	60.60	99.7	15.26	76	8.43	99.7	40.07
6	21.20	49.9	16.06	80	6.00	99.7	30.15	6	34.20	99.7	12.93	80	7.27	99.7	38.69
8	17.80	49.9	17.89	84	5.83	99.7	30.60	8	26.30	99.7	13.27	84	7.35	99.7	38.51
10	14.80	49.9	18.65	88	11.10	199.0	30.97	10	21.10	99.7	13.25	88	8.14	99.7	44.79
12	12.60	49.9	19.08	92	10.80	198.0	30.63	12	18.80	99.7	14.18	92	7.59	99.7	43.93
14	11.30	49.9	20.06	96	5.19	99.7	31.33	14	15.20	99.7	14.50	96	7.46	99.7	44.59
16	10.50	49.9	21.21	100	5.15	99.7	32.03	16	15.20	99.7	15.28	100	7.26	99.7	45.22
18	9.69	49.9	21.92	110	4.79	99.7	33.17	18	13.90	99.7	15.71	110	6.64	99.6	45.61
20	17.60	99.7	22.11	120	4.34	99.7	32.42	20	13.20	99.7	16.70	120	6.00	99.6	45.24
22	16.10	99.7	22.23	130	4.08	99.7	32.64	22	12.70	99.7	17.54	130	5.68	99.6	46.51
24	15.00	99.7	22.64	140	3.88	99.7	31.68	24	12.40	99.7	18.71	140	5.11	99.6	44.88
26	13.80	99.7	22.68	150	3.63	99.7	33.91	26	11.40	99.7	18.60	150	4.41	199.0	41.45
28	13.10	99.7	23.04	160	3.42	99.7	34.17	28	11.70	99.7	20.58	160	8.85	199.0	44.22
30	12.30	99.7	23.17	170	3.12	99.7	33.14	30	11.60	99.7	21.85	170	8.18	199.0	43.83
32	11.90	99.7	23.92	180	2.97	99.7	32.77	32	11.60	99.7	23.32	180	7.53	199.0	41.81
36	10.80	99.7	24.41	190	2.88	99.7	33.38	36	11.40	99.7	25.76	190	7.04	199.0	41.72
40	10.00	99.7	25.10	200	2.70	99.7	33.91	40	11.30	99.7	28.36	200	6.41	199.0	40.19
44	9.35	99.7	25.67	220	2.53	99.7	34.53	44	10.90	99.7	30.36	220	5.50	199.0	37.29
48	8.78	99.7	26.53	240	2.22	99.7	33.20	48	10.60	99.7	31.96	240	4.86	199.0	36.22
52	8.27	99.7	26.76	260	2.08	99.7	32.64	52	10.30	99.7	33.61	260	2.16	99.7	34.27
56	7.92	99.7	27.77	280	1.87	99.7	31.66	56	10.10	99.7	35.50	280	1.94	99.6	33.42
60	7.45	99.7	27.86	300	1.72	99.7	32.03	60	9.91	99.7	37.27	300	1.80	99.6	33.91

ELECTRIC RESISTIVITY SURVEY DATA

Area : Cavite				Date : May 17, 1994				Area : Cavite				Date : May 17, 1994			
No : EL-21				Measuring method: Wenner				No : EL-22				Measuring method: Wenner			
a	V	I		a	V	I		a	V	I		a	V	I	
1	146.00	49.9	18.38	64	5.53	49.8	44.22	1	169.00	49.9	21.35	64	3.78	49.8	30.15
2	68.20	49.9	17.18	68	5.23	49.8	44.41	2	68.00	49.9	17.12	68	6.82	99.7	29.04
3	48.50	49.9	18.31	72	4.88	49.8	44.30	3	45.00	49.9	16.99	72	6.76	99.7	30.28
4	38.60	49.8	19.43	76	4.65	49.8	44.36	4	32.20	49.9	16.19	76	6.18	99.7	29.10
6	31.40	49.8	23.79	80	4.31	49.8	43.22	6	24.70	49.9	18.70	80	5.85	99.7	29.15
8	27.00	49.8	27.24	84	4.05	49.8	42.73	8	19.30	49.9	19.45	84	5.60	99.7	29.54
10	24.70	49.8	31.09	88	3.90	49.8	43.13	10	17.20	49.9	21.67	88	5.25	99.7	28.76
12	21.30	49.8	32.20	92	3.67	49.8	42.19	12	15.60	49.9	23.60	92	4.97	99.7	28.32
14	19.40	49.8	34.23	96	3.76	49.8	45.19	14	14.00	49.8	24.82	96	4.63	99.7	27.72
16	18.30	49.8	36.98	100	3.51	49.8	43.96	16	12.80	49.8	25.73	100	4.39	99.7	27.63
18	16.90	49.8	38.31	110	3.14	49.8	43.53	18	12.10	49.8	27.46	110	4.02	99.7	27.64
20	16.20	49.8	40.82	120	2.74	49.8	40.72	20	11.50	49.8	29.01	120	3.63	99.7	27.14
22	15.30	49.8	42.26	130	2.51	49.8	40.80	22	10.80	49.8	29.97	130	3.13	99.7	25.30
24	14.40	49.8	43.61	140	2.23	49.8	38.72	24	10.00	49.8	30.33	140	2.84	99.7	24.64
26	13.60	49.8	44.39	150	2.02	49.8	37.68	26	9.41	49.8	30.68	150	2.57	99.7	23.55
28	12.70	49.8	44.85	160	1.75	49.8	35.18	28	8.85	49.8	31.13	160	2.38	99.7	23.12
30	12.10	49.8	45.78	170	1.63	49.8	34.21	30	8.19	49.8	30.90	170	2.13	99.7	22.45
32	11.70	49.8	47.23	180	1.44	49.8	31.64	32	7.80	49.8	31.36	180	1.92	99.7	21.47
36	10.50	49.8	47.69	190	2.68	99.6	30.99	36	6.99	49.8	31.64	190	1.77	99.7	20.26
40	9.58	49.8	48.19	200	2.51	99.6	31.40	40	6.11	49.8	30.62	200	1.69	99.7	20.10
44	8.54	49.8	47.20	220	2.22	99.6	30.38	44	5.75	49.8	31.74	220	1.50	99.7	20.72
48	7.53	49.8	45.53	240	1.90	99.6	28.67	48	5.25	49.8	31.66	240	2.75	199.0	19.62
52	7.05	49.8	46.01	260	1.59	99.6	26.11	52	4.74	49.8	31.00	260	2.36	199.0	17.95
56	6.62	49.8	46.40	280	1.35	99.6	22.87	56	4.38	49.8	30.58	280	2.11	199.0	17.59
60	6.04	49.8	45.56	300	1.14	99.6	20.72	60	4.00	49.8	30.12	300	1.80	199.0	169.56

Area : Cavite				Date : May 18, 1994				Area : Cavite				Date : May 18, 1994			
No : EL-23				Measuring method: Wenner				No : EL-24				Measuring method: Wenner			
a	V	I		a	V	I		a	V	I		a	V	I	
1	254.00	49.9	31.97	64	5.19	99.7	20.90	1	75.20	49.9	9.46	64	2.46	49.8	19.70
2	95.00	49.9	23.91	68	4.87	99.7	20.50	2	34.60	49.9	8.72	68	2.28	49.8	19.22
3	48.60	49.9	18.33	72	4.58	99.7	20.34	3	21.20	49.9	8.01	72	2.13	49.8	18.98
4	30.50	49.9	15.36	76	4.24	99.7	20.03	4	17.40	49.9	8.79	76	2.11	49.8	20.03
6	17.40	49.9	13.20	80	3.93	99.7	19.60	6	14.10	49.9	10.67	80	3.98	99.7	19.60
8	13.50	49.9	13.57	84	3.68	99.7	18.99	8	11.60	49.9	11.86	84	3.53	99.7	20.05
10	11.60	49.9	14.57	88	3.39	99.7	18.80	10	10.50	49.9	13.25	88	3.62	99.7	19.91
12	10.40	49.9	15.68	92	3.27	99.7	18.50	12	9.00	49.9	13.57	92	3.32	99.7	19.07
14	9.47	49.9	16.63	96	2.96	99.7	17.47	14	8.05	49.8	14.17	96	3.27	99.7	19.28
16	8.76	49.9	17.59	100	2.94	99.7	18.21	16	7.19	49.8	14.47	100	3.02	99.7	18.84
18	8.06	49.9	18.19	110	2.71	99.7	18.66	18	6.53	49.8	14.69	110	2.78	99.7	18.66
20	7.59	49.9	18.97	120	2.34	99.7	17.34	20	5.93	49.8	14.82	120	2.43	99.7	18.10
22	7.17	49.9	19.75	130	2.06	99.7	16.32	22	5.58	49.8	15.33	130	2.14	99.7	17.14
24	6.27	49.9	18.86	140	1.86	99.7	15.84	24	5.23	49.8	15.69	140	2.12	99.7	18.48
26	6.17	49.9	20.07	150	1.74	99.7	16.01	26	4.45	49.8	14.52	150	1.79	99.7	16.96
28	5.99	49.9	20.76	160	1.67	99.7	16.08	28	4.56	49.8	16.01	160	1.74	99.7	17.09
30	5.55	49.9	20.91	170	1.51	99.7	16.04	30	4.24	49.8	16.01	170	1.64	99.7	17.10
32	5.11	49.9	20.50	180	1.37	99.7	14.69	32	4.16	49.8	16.68	180	1.48	99.7	15.82
36	9.36	99.7	20.02	190	1.35	99.7	15.50	36	3.71	49.8	16.72	190	1.24	99.7	14.30
40	8.51	99.7	20.34	200	1.26	99.7	15.07	40	3.45	49.8	17.32	200	1.31	99.7	16.33
44	7.54	99.7	20.70	220	1.35	99.7	17.95	44	3.29	49.8	18.22	220	1.17	99.6	15.19
48	7.00	99.7	21.11	240	1.12	99.7	16.60	48	3.08	49.8	18.39	240	1.04	99.7	15.09
52	6.50	99.7	21.21	260	1.05	99.7	16.32	52	2.90	49.8	18.93	260	0.87	99.7	13.06
56	5.87	99.7	20.39	280	2.23	199.0	19.35	56	2.76	49.8	19.33	280	0.77	99.7	12.31
60	5.47	99.7	20.33	300	2.25	199.0	20.72	60	2.58	49.8	19.20	300	0.86	99.7	15.07

ELECTRIC RESISTIVITY SURVEY DATA

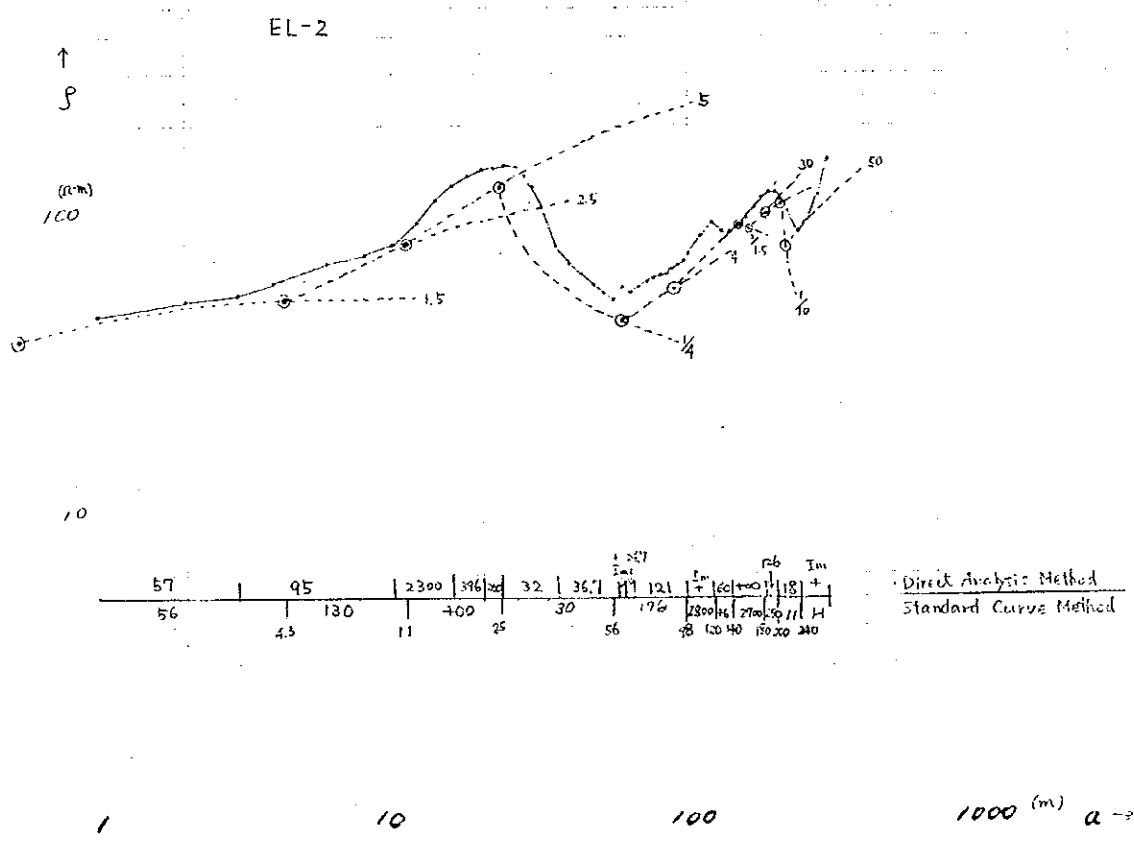
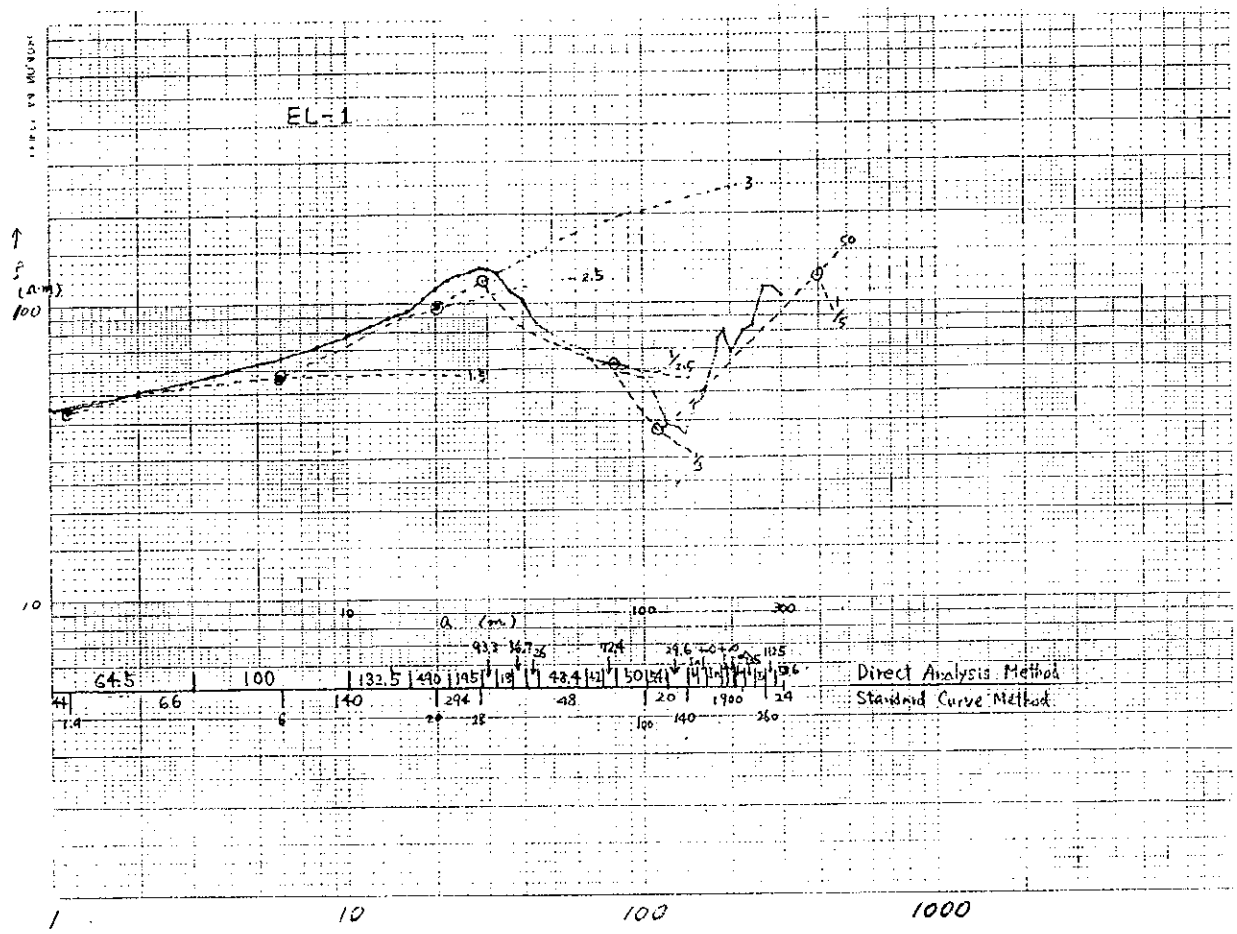
Area : Cavite				Date : May 18, 1994				Area : Cavite				Date : May 18, 1994			
No: EL-25				Measuring method: Wenner				No: EL-26				Measuring method: Wenner			
a	V	I		a	V	I		a	V	I		a	V	I	
1	141.00	49.9	17.76	64	2.43	49.8	19.30	1	167.00	49.9	21.13	64	3.34	99.7	14.07
2	43.50	49.9	10.96	68	2.26	49.8	19.22	2	68.00	49.9	17.12	68	3.38	99.7	14.09
3	25.90	49.9	9.78	72	2.16	49.8	19.44	3	38.40	49.9	14.51	72	3.09	99.7	14.01
4	15.70	49.8	7.93	76	2.05	49.8	19.56	4	29.80	49.9	15.03	76	2.96	99.7	13.83
6	12.60	49.8	9.54	80	1.98	49.8	19.60	6	19.10	49.9	14.48	80	2.73	99.7	13.57
8	10.90	49.8	10.95	84	1.85	49.8	19.52	8	13.20	49.8	13.27	84	2.52	99.7	13.19
10	9.36	49.8	11.74	88	2.18	49.8	23.78	10	9.19	49.8	11.56	88	2.38	99.7	12.72
12	8.84	49.8	13.35	92	1.62	49.8	18.50	12	7.18	49.8	10.86	92	2.40	99.7	13.87
14	8.34	49.8	14.70	96	3.19	99.6	18.68	14	6.11	49.8	10.74	96	2.45	99.7	14.46
16	7.80	49.8	15.68	100	2.94	99.7	18.21	16	5.21	49.8	10.45	100	2.16	99.7	13.19
18	7.29	49.8	16.50	110	2.54	99.6	17.28	18	4.68	49.8	10.51	110	2.04	99.7	13.82
20	6.22	49.8	15.57	120	2.26	99.6	15.59	20	4.29	49.8	10.68	120	1.88	99.7	13.57
22	6.14	49.8	16.99	130	2.04	99.6	16.32	22	4.06	49.8	11.19	130	1.60	99.7	13.06
24	5.57	49.8	16.75	140	1.77	99.6	14.96	24	3.83	49.8	11.47	140	1.39	99.7	11.44
26	5.31	49.8	17.30	150	1.80	99.6	16.96	26	3.62	49.8	11.75	150	1.26	99.7	11.30
28	5.11	49.8	17.84	160	1.59	99.6	15.08	28	3.45	49.8	12.14	160	1.09	99.7	10.05
30	4.61	49.8	17.33	170	1.40	99.6	14.97	30	3.21	49.8	12.06	170	0.90	99.7	9.62
32	4.52	49.8	18.09	180	1.37	99.6	14.69	32	9.73	49.8	10.85	180	1.71	199.0	9.04
36	3.93	49.8	17.63	190	1.17	99.7	13.11	36	2.75	49.8	12.43	190	2.52	199.0	14.30
40	3.94	49.8	19.83	200	1.06	99.6	12.56	40	3.60	49.8	13.05	200	1.56	199.0	8.79
44	3.64	49.8	20.15	220	0.93	99.6	12.43	44	2.39	49.8	13.25	220	1.25	199.0	8.29
48	3.34	49.8	20.20	240	0.78	99.6	10.56	48	2.27	49.8	13.57	240	1.13	199.0	7.55
52	3.08	49.8	19.90	260	0.66	99.6	9.79	52	4.43	99.7	14.36	260	0.94	199.0	6.53
56	2.80	49.8	19.68	280	0.61	99.6	10.55	56	4.13	99.7	14.41	280	0.91	199.0	7.04
60	2.70	49.8	20.33	300	0.51	99.6	9.42	60	3.76	99.7	13.93	300	0.76	199.0	5.65

Area : Cavite				Date : May 19, 1994				Area : Cavite				Date : May 19, 1994			
No: EL-27				Measuring method: Wenner				No: EL-28				Measuring method: Wenner			
a	V	I		a	V	I		a	V	I		a	V	I	
1	257.00	49.9	32.40	64	2.55	99.7	10.05	1	132.00	49.9	16.64	64	3.07	49.8	24.52
2	118.00	49.9	29.77	68	2.49	99.7	10.68	2	61.50	49.9	15.49	68	2.69	49.8	22.83
3	64.30	49.9	24.28	72	2.88	99.7	12.66	3	44.70	49.9	16.86	72	2.39	49.8	21.70
4	44.30	49.9	22.29	76	2.50	99.7	11.93	4	35.20	49.9	17.70	76	2.22	49.8	20.99
6	26.30	49.9	19.83	80	2.68	99.7	13.07	6	27.50	49.8	20.77	80	2.17	49.8	21.61
8	17.80	49.9	17.94	84	2.31	99.7	12.13	8	23.00	49.8	23.22	84	1.91	49.8	20.05
10	14.00	49.9	17.65	88	2.63	99.7	14.38	10	19.70	49.8	24.87	88	3.64	99.7	19.91
12	10.60	49.9	16.06	92	2.30	99.7	13.29	12	16.40	49.8	24.88	92	3.38	99.7	19.07
14	8.92	49.9	15.66	96	2.53	99.7	15.05	14	14.40	49.8	25.43	96	3.17	99.7	18.68
16	7.21	49.9	14.47	100	2.44	99.7	15.07	16	12.50	49.8	25.13	100	3.03	99.7	18.84
18	5.81	49.9	13.11	110	2.33	99.7	15.89	18	10.60	49.8	24.18	110	2.64	99.7	17.97
20	5.10	49.9	12.81	120	5.04	199.0	18.85	20	9.73	49.8	24.29	120	2.34	99.7	17.34
22	4.13	49.9	11.32	130	5.20	199.0	21.22	22	8.71	49.8	24.03	130	2.03	99.7	16.32
24	3.45	49.9	10.41	140	5.17	199.0	22.00	24	7.93	49.8	23.84	140	1.96	99.7	16.72
26	3.02	49.9	9.79	150	4.74	199.0	21.67	26	7.26	49.8	23.66	150	1.80	99.7	16.96
28	2.91	49.9	10.20	160	4.36	199.0	21.11	28	6.66	49.8	23.39	160	1.67	99.7	16.08
30	2.41	49.8	9.04	170	3.37	199.0	17.10	30	6.15	49.8	23.17	170	1.59	99.7	16.04
32	4.55	49.7	9.05	180	2.84	199.0	15.82	32	6.33	49.8	25.53	180	1.68	99.7	18.08
36	4.12	49.7	9.27	190	2.70	199.0	15.50	36	5.46	49.8	24.63	190	1.70	99.7	20.26
40	3.54	99.7	8.79	200	2.51	199.0	15.07	40	5.26	49.8	26.36	200	1.42	99.7	17.58
44	3.55	99.7	9.66	220	2.27	199.0	15.19	44	4.85	49.8	26.77	220	2.69	199.0	17.95
48	3.32	99.7	9.95	240	2.12	199.0	15.09	48	4.52	49.8	27.14	240	2.63	199.0	19.62
52	3.14	99.7	10.12	260	2.55	199.0	19.58	52	4.34	49.8	26.39	260	2.43	199.0	19.58
56	2.87	99.7	9.84	280	2.04	199.0	17.59	56	4.05	49.8	28.47	280	2.23	199.0	19.35
60	2.69	99.7	9.79	300	2.08	199.0	18.84	60	3.50	49.8	26.36	300	2.07	199.0	18.84

ELECTRIC RESISTIVITY SURVEY DATA

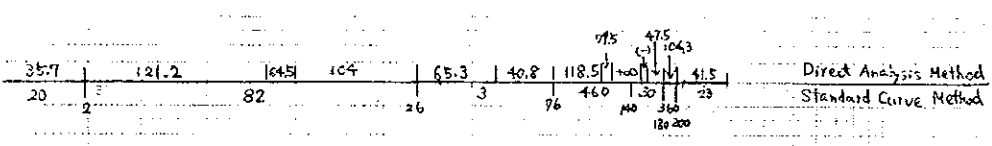
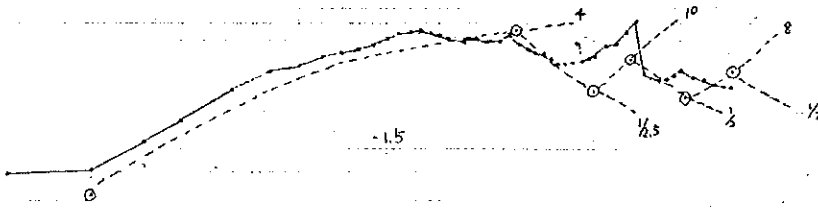
Area: Cavite				Date: May 19, 1994				Area: Cavite				Date: May 20 1994			
No: EL-29		Measuring method: Wenner						No: EL-30		Measuring method: Wenner					
a	V	I		a	V	I		a	V	I		a	V	I	
1	138.00	49.9	17.43	64	8.89	49.8	55.48	1	183.00	49.9	23.08	64	5.87	99.7	23.32
2	80.20	49.9	20.18	68	6.48	49.8	55.51	2	105.00	49.9	26.44	68	5.50	99.7	23.49
3	56.90	49.8	21.53	72	12.00	99.6	54.69	3	66.20	49.9	25.00	72	5.11	99.7	23.05
4	43.60	49.8	21.94	76	11.30	99.7	53.90	4	49.50	49.9	24.87	76	4.85	99.7	22.90
6	32.40	49.8	24.51	80	10.40	99.6	52.26	6	28.10	49.9	21.19	80	4.48	99.7	22.11
8	26.40	49.8	14.00	84	9.67	99.6	51.17	8	18.60	49.9	18.74	84	4.12	99.7	21.63
10	23.10	49.8	30.99	88	9.11	99.6	50.32	10	11.80	49.9	14.88	88	4.28	99.7	23.23
12	20.50	49.8	33.09	92	8.74	99.6	50.29	12	9.25	49.9	13.95	92	3.71	99.7	21.39
14	18.80	49.8	38.79	96	8.21	99.6	49.41	14	8.02	49.9	14.08	96	4.05	99.7	24.10
16	19.20	49.8	38.79	100	7.42	99.7	46.47	16	7.31	49.9	14.67	100	4.13	99.7	25.75
18	18.00	49.8	40.79	110	6.40	99.6	44.22	18	6.80	49.9	15.37	110	4.18	99.7	28.33
20	17.00	49.8	42.83	120	5.34	99.6	39.96	20	6.23	49.9	15.57	120	4.23	99.7	31.67
22	16.10	49.8	44.74	130	4.66	99.7	37.54	22	5.86	49.9	16.16	130	4.38	99.7	35.09
24	14.80	49.8	44.82	140	3.93	99.6	34.32	24	5.59	49.9	16.90	140	4.40	99.7	38.72
26	14.70	49.8	48.14	150	3.52	99.6	32.97	26	10.40	99.7	16.97	150	4.35	99.7	40.51
28	14.10	49.8	49.96	160	3.00	99.6	30.15	28	10.00	99.7	17.59	160	8.88	198.0	44.22
30	13.90	49.8	52.75	170	2.80	99.6	29.93	30	9.67	99.7	18.09	170	8.29	199.0	43.83
32	14.70	49.8	59.50	180	2.46	99.6	27.12	32	9.25	99.7	18.49	180	7.80	199.0	44.07
36	13.40	49.8	60.57	190	2.44	99.6	28.61	36	8.91	99.7	20.11	190	7.33	199.0	42.91
40	11.80	49.8	59.74	200	2.22	99.6	27.63	40	8.39	99.7	21.08	200	6.82	199.0	42.70
44	10.50	49.8	57.96	220	1.98	99.6	26.24	44	7.85	99.7	20.98	220	6.02	199.0	41.43
48	9.51	49.8	57.29	240	1.99	99.6	28.67	48	7.32	99.7	22.01	240	5.30	199.0	39.23
52	8.66	49.8	56.45	260	1.75	99.6	27.74	52	6.73	99.7	21.86	260	4.65	199.0	37.54
56	8.07	49.8	56.59	280	1.71	99.6	29.90	56	6.55	99.7	22.85	280	3.79	199.0	33.42
60	7.25	49.8	54.59	300	3.38	199.0	30.14	60	6.15	99.7	22.97	300	3.30	199.0	39.14

Area: Cavite				Date: May 20, 1994				Area:				Date:			
No: EL-31		Measuring method: Wenner						No:		Measuring method:					
a	V	I		a	V	I		a	V	I		a	V	I	
1	215.00	49.9	27.07	64	5.54	99.7	22.11	1				64			
2	75.50	49.9	19.00	68	5.21	99.7	22.20	2				68			
3	35.60	49.9	13.45	72	4.89	99.7	22.15	3				72			
4	28.60	49.9	14.41	76	4.53	99.7	21.47	4				76			
6	18.20	49.9	13.80	80	4.55	99.7	22.61	6				80			
8	13.40	49.8	13.52	84	4.47	99.7	23.21	8				84			
10	10.00	49.8	12.62	88	4.57	99.7	24.89	10				88			
12	8.00	49.8	12.06	92	4.02	99.7	23.12	12				92			
14	7.08	49.8	12.50	96	3.85	99.7	22.90	14				96			
16	6.19	49.8	12.46	100	3.67	99.7	22.61	16				100			
18	5.60	49.8	12.66	110	3.47	99.7	23.49	18				110			
20	5.50	49.8	13.82	120	3.34	99.6	24.88	20				120			
22	5.11	49.8	14.09	130	3.36	99.6	26.93	22				130			
24	4.53	49.8	13.58	140	3.14	99.6	27.28	24				140			
26	4.39	49.8	14.36	150	2.99	99.6	28.26	26				150			
28	8.21	99.7	14.42	160	2.91	99.7	29.15	28				160			
30	8.31	99.7	15.64	170	2.57	99.6	26.73	30				170			
32	7.86	99.7	15.68	180	2.43	99.6	27.12	32				180			
36	7.21	99.7	16.27	190	2.44	99.6	28.61	36				190			
40	6.70	99.7	16.82	200	2.46	99.6	30.14	40				200			
44	6.39	99.7	17.66	220	2.58	99.6	34.53	44				220			
48	6.30	99.7	18.99	240	2.79	99.6	42.25	48				240			
52	5.99	99.7	19.58	260	2.71	99.6	44.06	52				260			
56	5.59	99.7	19.68	280	1.09	99.7	21.11	56				280			
60	5.92	99.7	22.21	300	1.05	99.6	18.84	60				300			



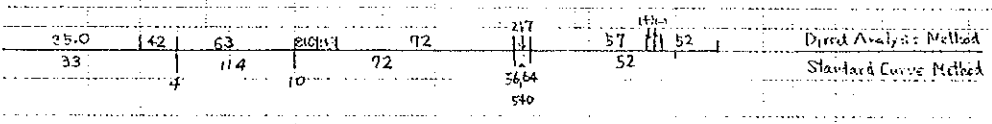
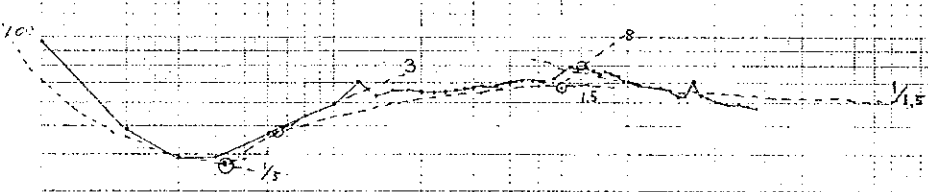
EL-3

ρ
(a-m)
100

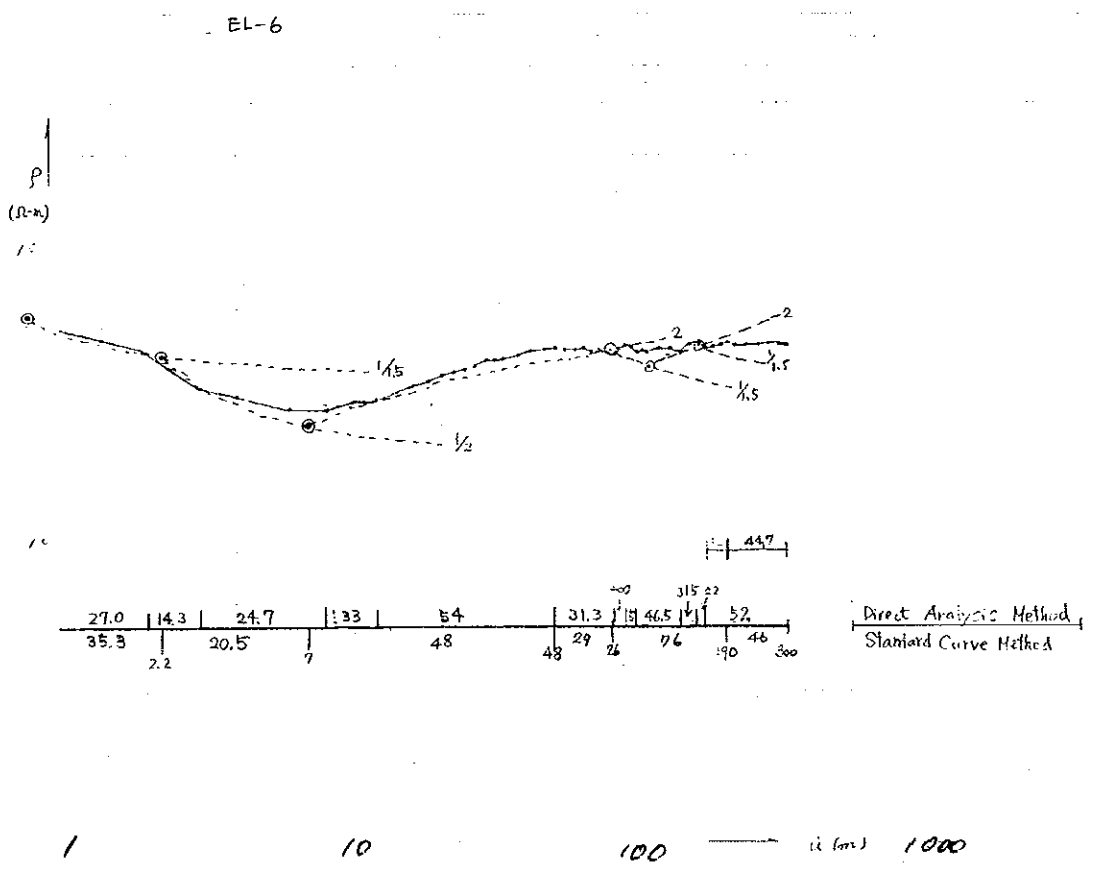
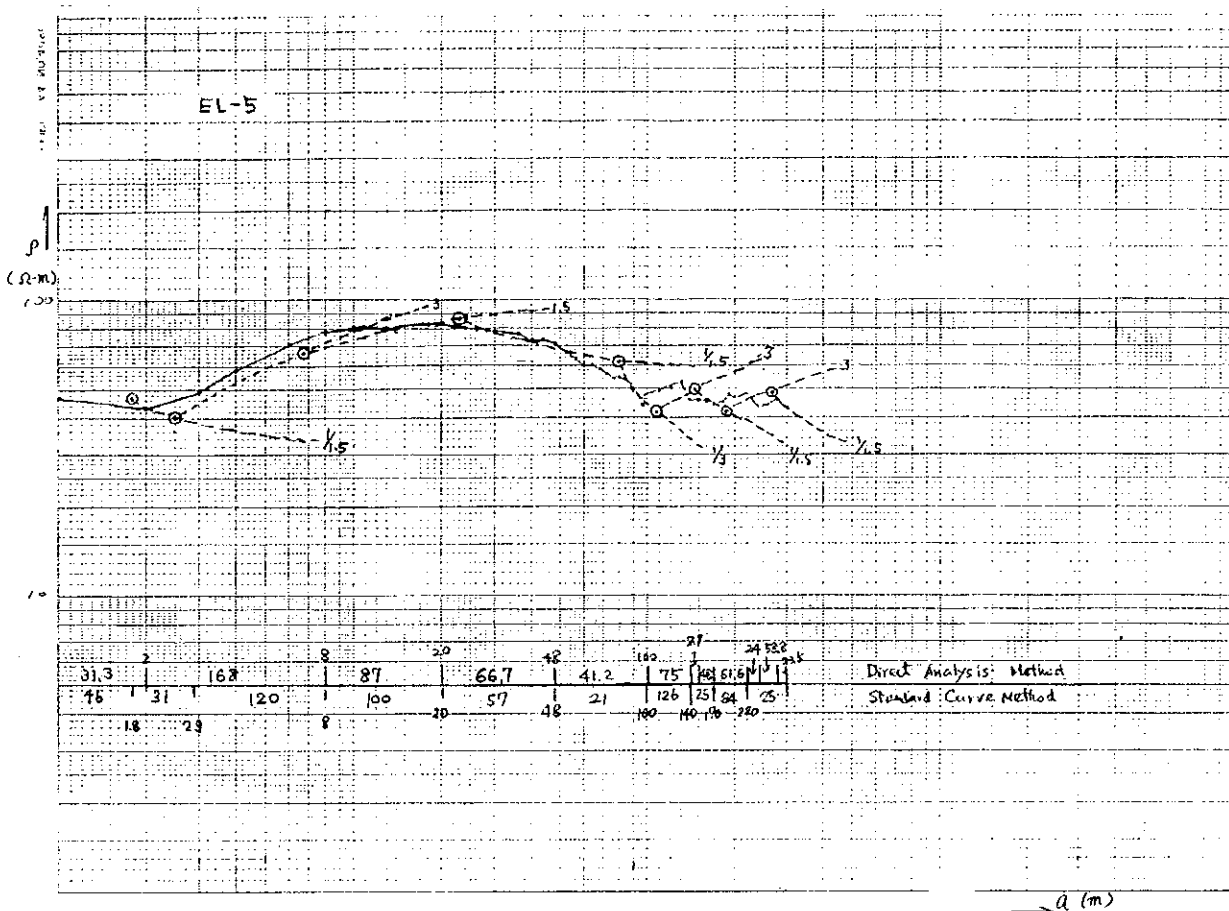


EL-4

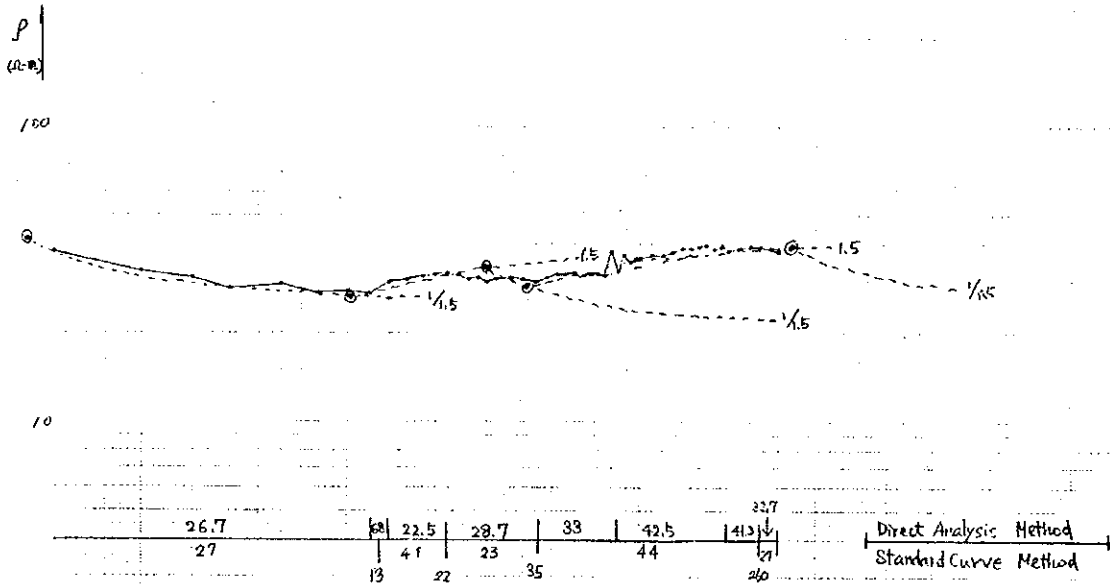
ρ
(m)
100



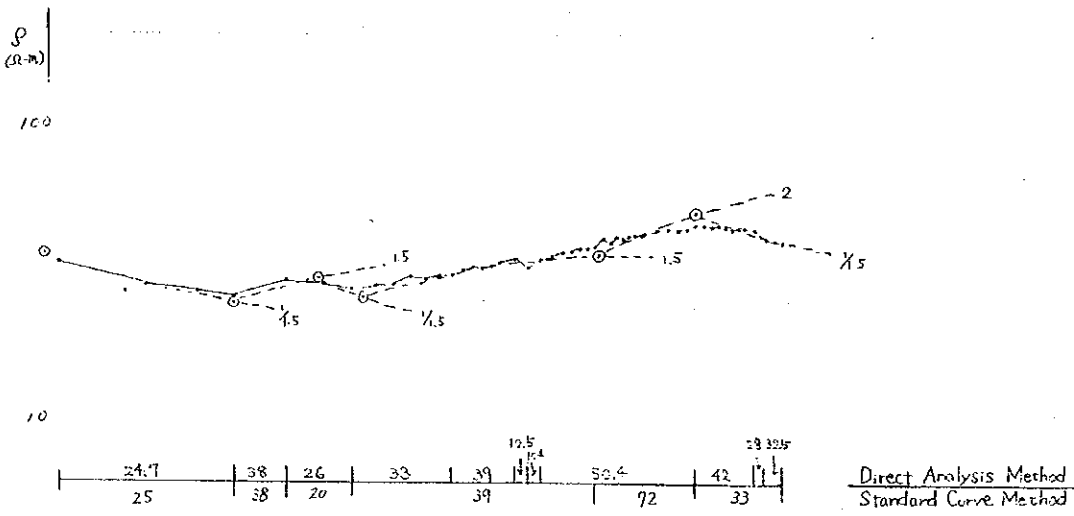
1 10 100 1000 $\frac{a}{m}$



EL-7

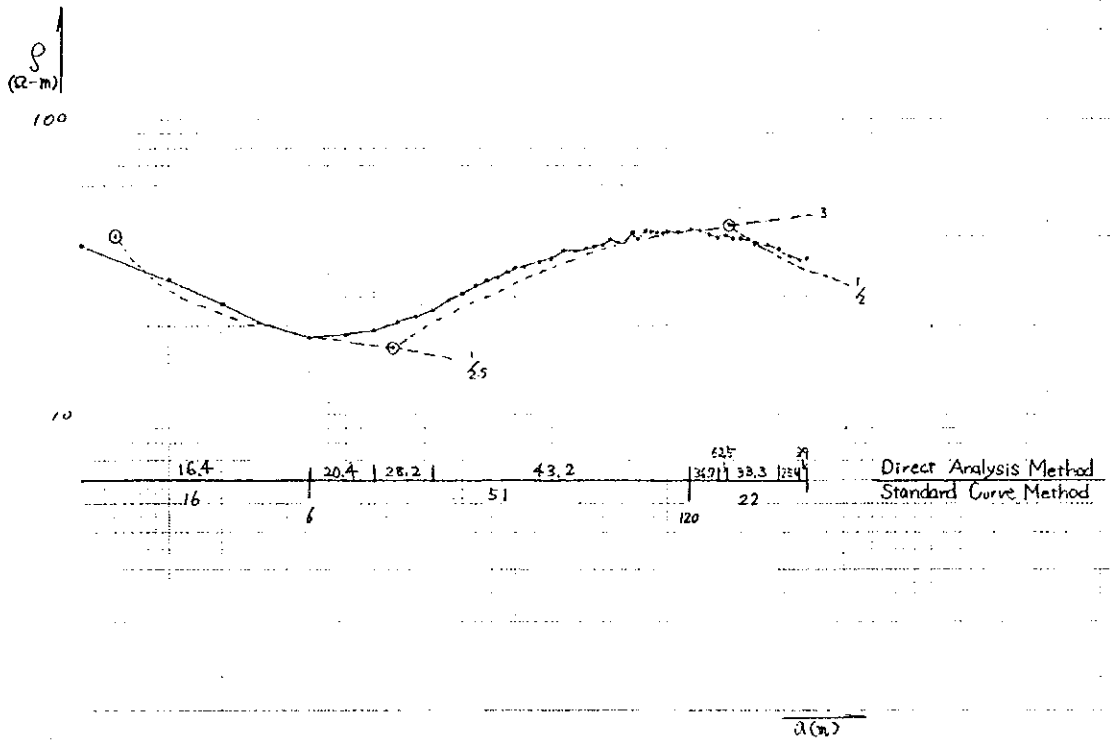


EL-8

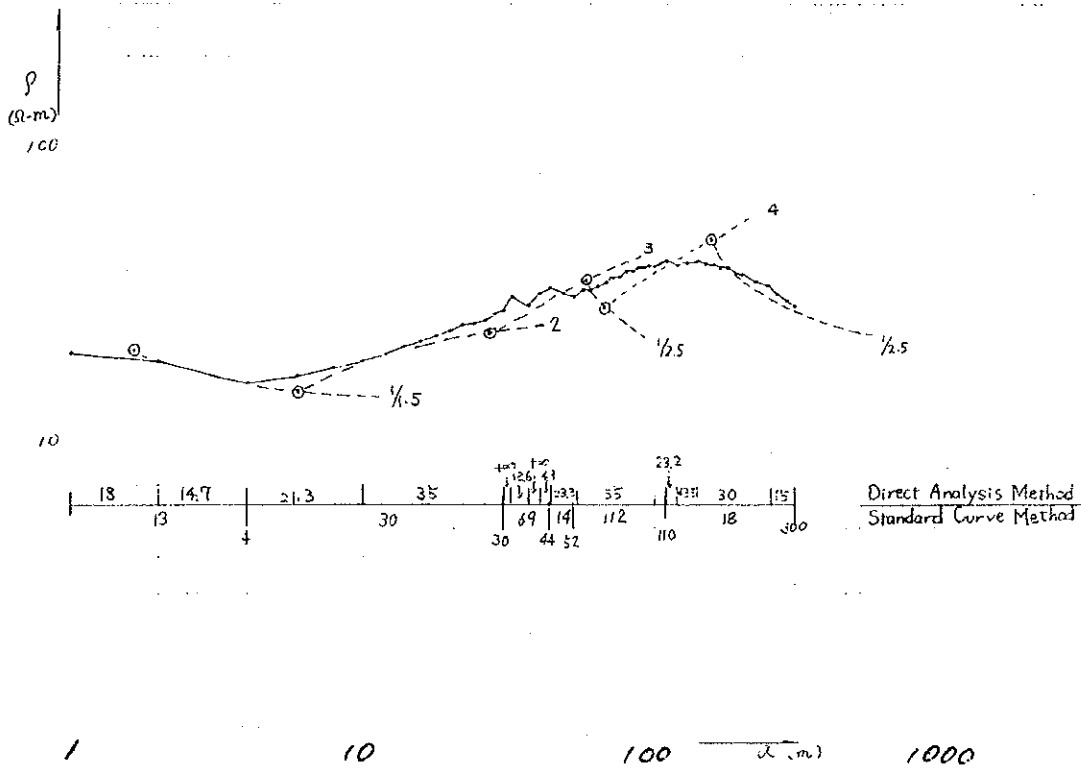


1 10 100 $\overline{a (m)}$ 1000

EL-9



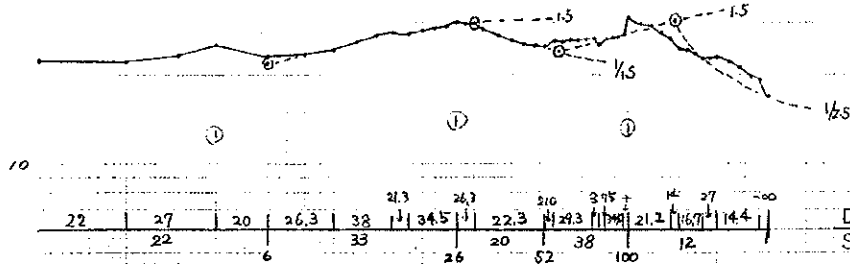
E-10



E-13

ρ
(R-M)

100

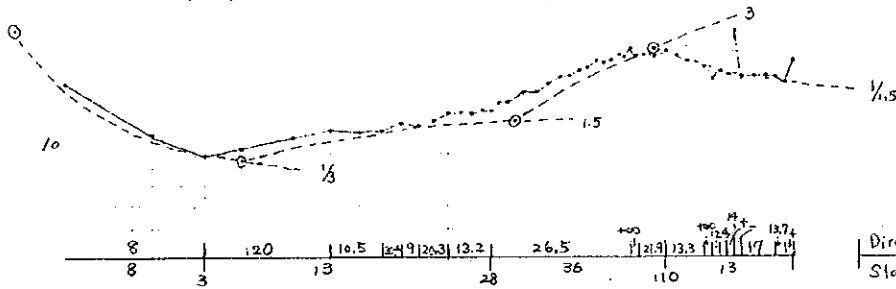


a(m)

EL-14

ρ
(R-M)

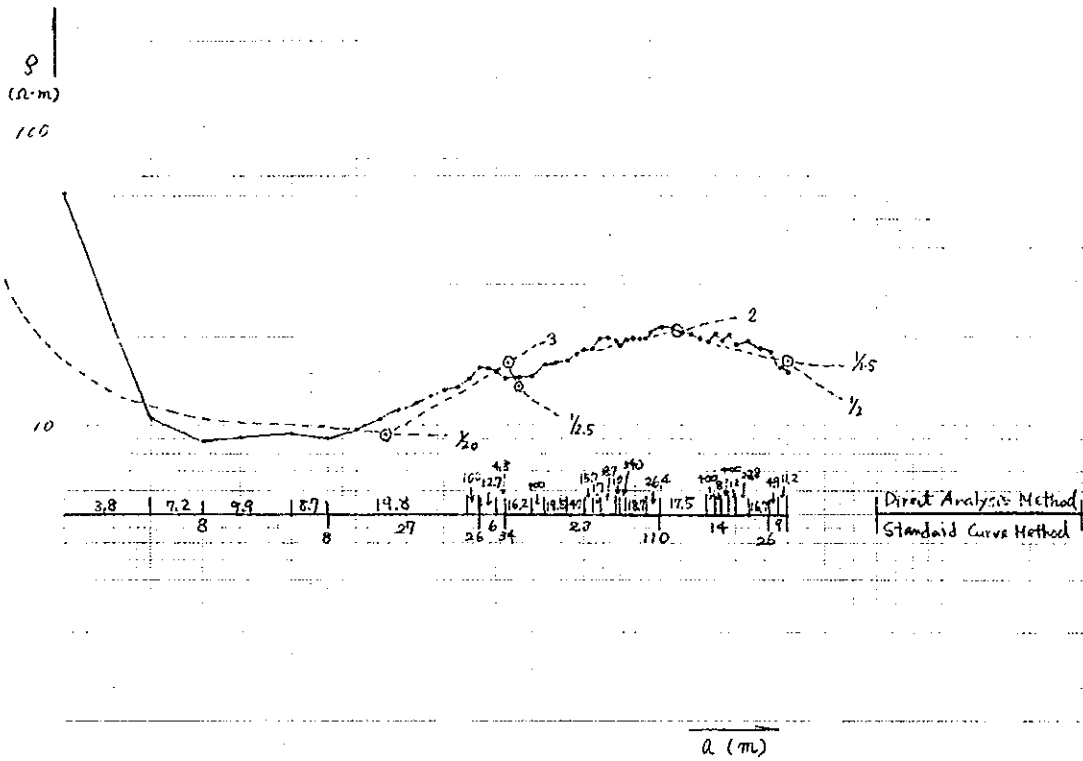
100



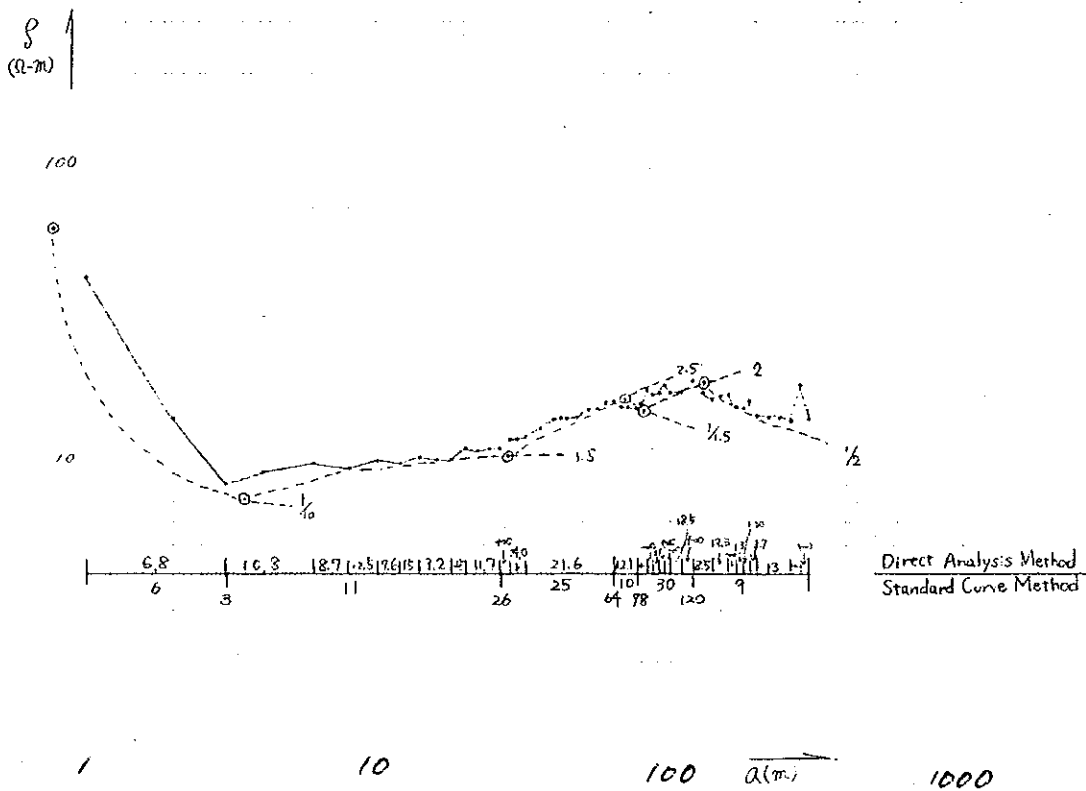
10 a(m)

1000

E-15



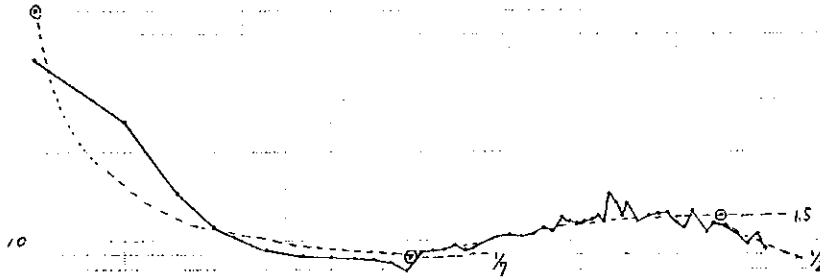
EL-16



EL-17

ρ
($\Omega \cdot m$)

100



13	8.9	13.1	11.4	12.8	8.7	25.7	25	17.0	170	6	1.7
	8.6		18			13					

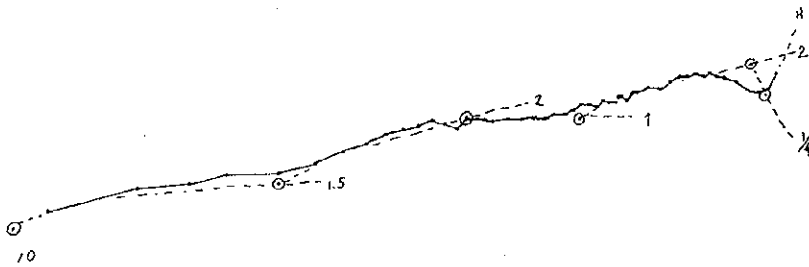
Direct Analysis Method
Standard Curve Method

a (m)

EL-18

ρ
($\Omega \cdot m$)

100



21.6	23.6	24.6	19.5	28	33.8	24.1	28.7	40	177	45	180	11	14
	20		6		36	26	19	48	38		180	11	14

Direct Analysis Method
Standard Curve Method

1

10

100

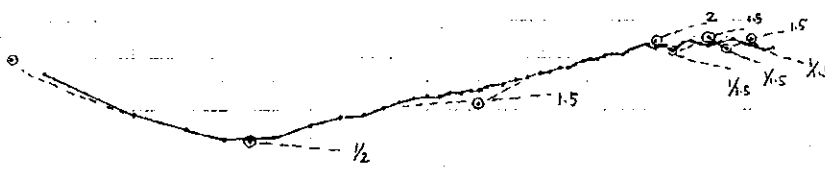
a (m)

1000

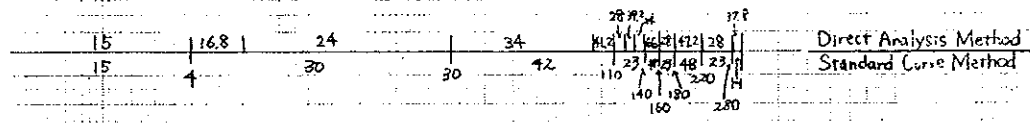
EL-19

S
(2-M)

100



10

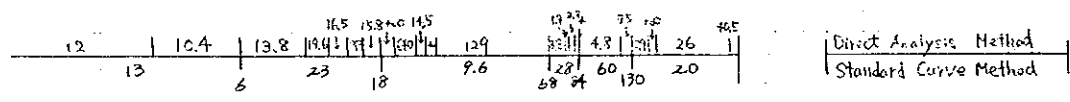
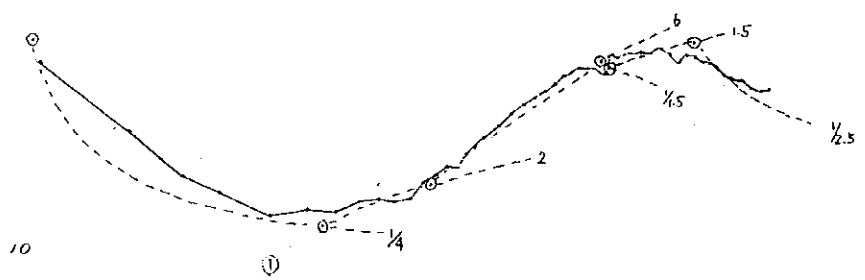


Q (m)

E-20

S
(2-M)

100



1

10

100

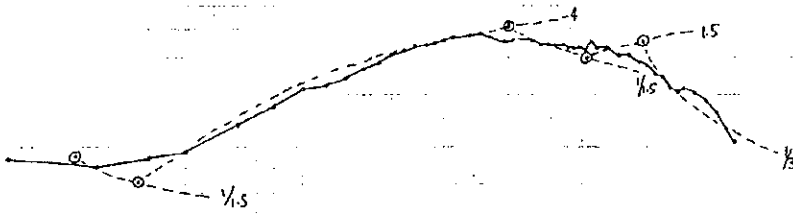
Q (m)

1000

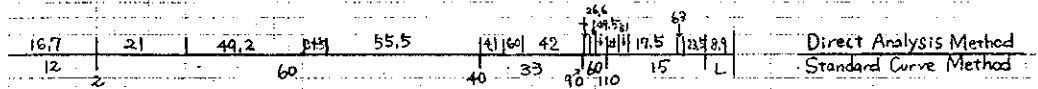
E-21

ρ
(Ω -m)

100



10

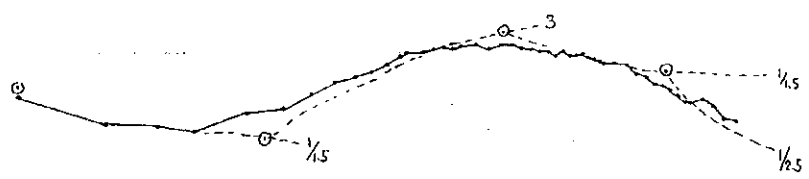


a(m)

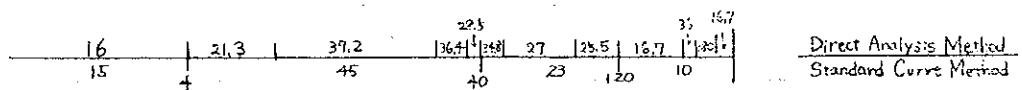
E-22

ρ
(Ω -m)

100



10



1

10

100

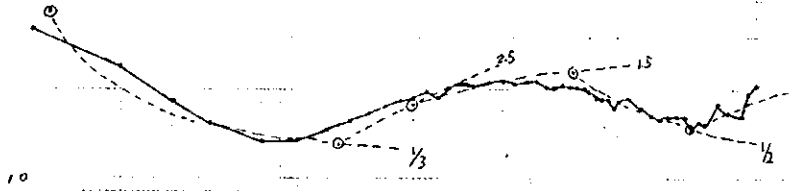
a(m)

1000

E-23

P
($\Omega \cdot m$)

100



19.5	12	14.1	22.8	9.2	21.6	14	16	11	12.4	11.9	11	10.7	10
	13	8	35	22	27	52		12	180	30			

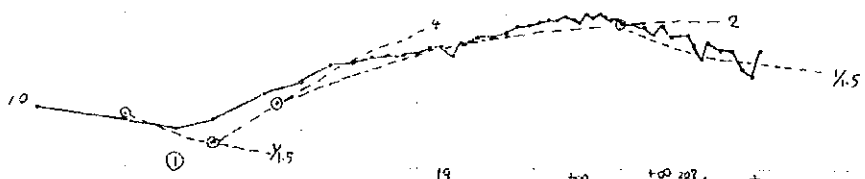
Direct Analysis Method
Standard Curve Method

$a(m)$

EL-24

P
($\Omega \cdot m$)

100



6.4	12.4	18	31.2	16.5	18	14	22	5	12	15.5	11	12.9	35
6	3	29	10		19	20		7.6	13				

Direct Analysis Method
Standard Curve Method

1

10

100

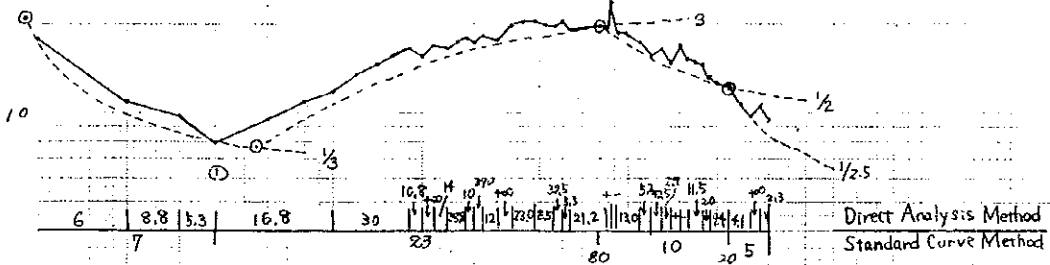
$a(m)$

1000

EL-25

ρ
($\Omega \cdot m$)

100

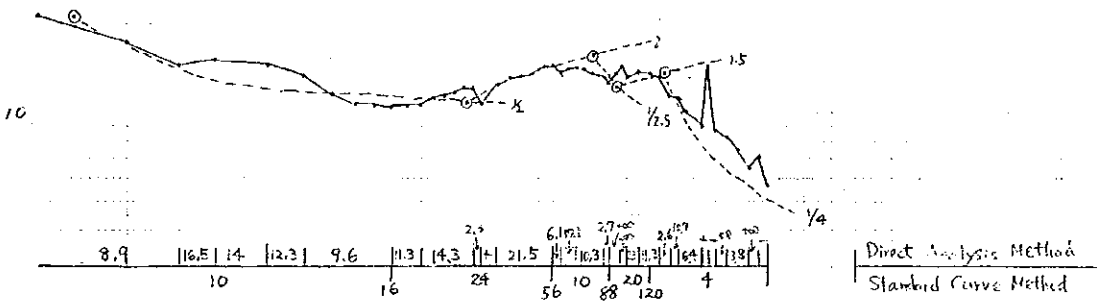


$a(m)$

EL-26

ρ
($\Omega \cdot m$)

100



$a(m)$

1

10

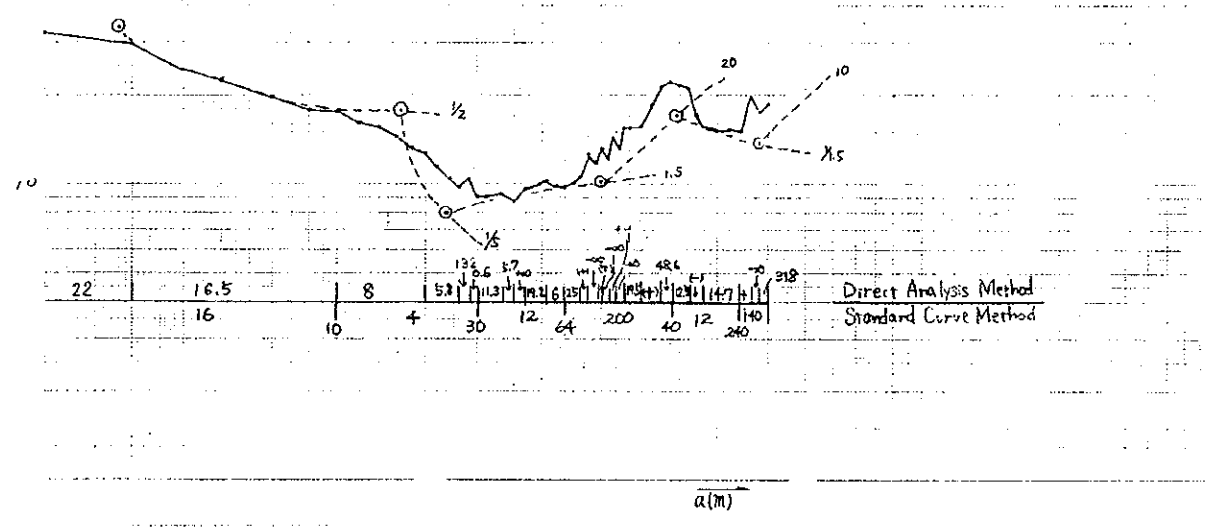
100

1000

P
(2-7)

EL-27

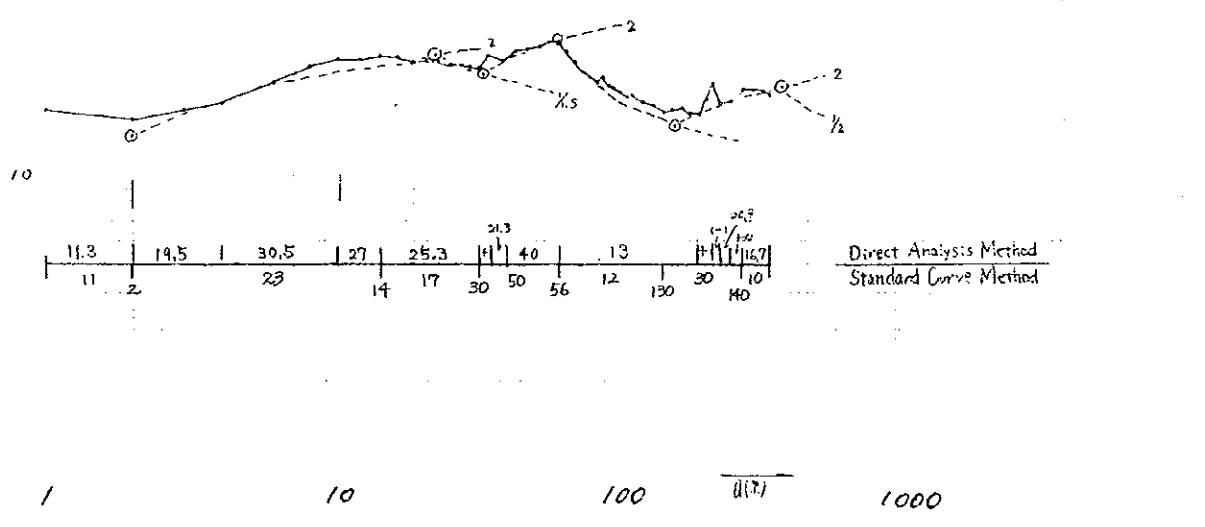
100



P
(2-7)

EL-28

100



1

10

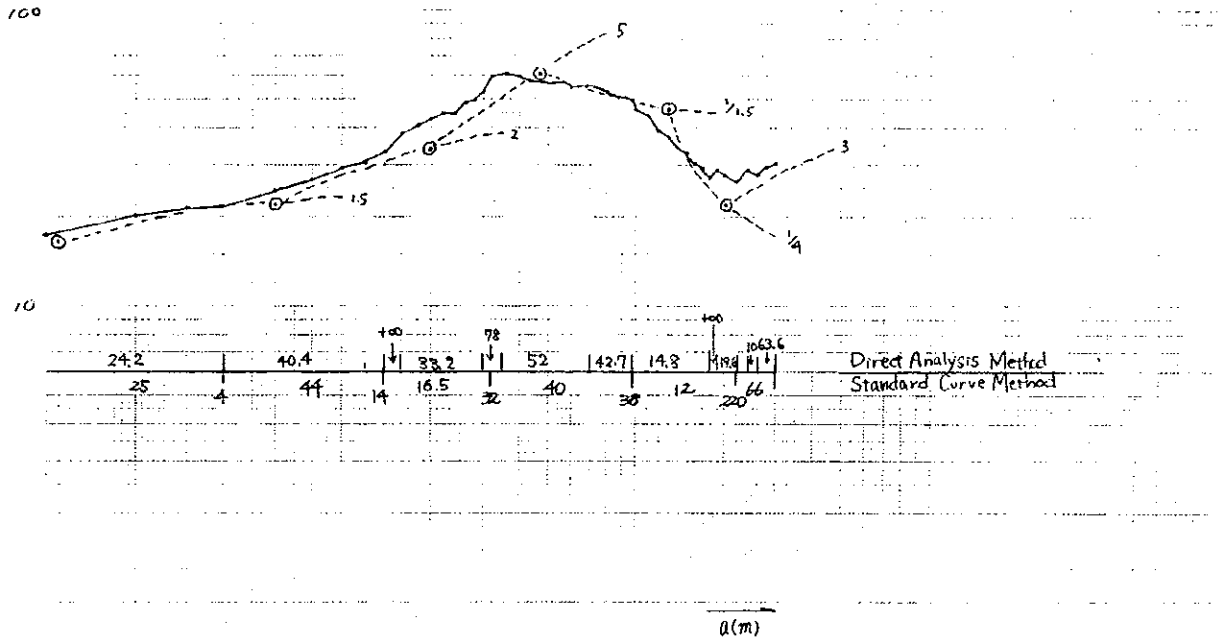
100

a(m)

1000

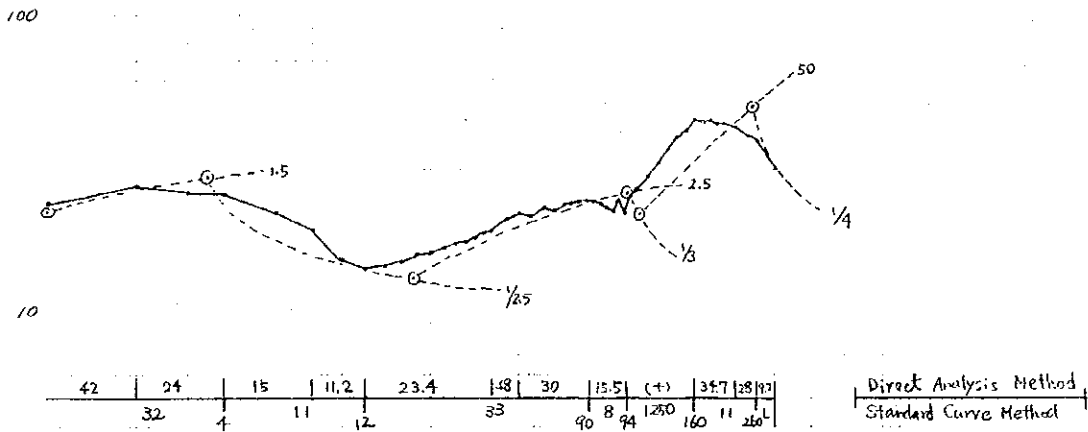
EL-29

ρ
↑
(g-m)



EL-30

ρ
↑
(g-m)



1 10 100 1000

(m)

EL-31

9
(1.7M)

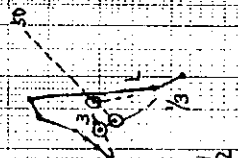
100

10

10

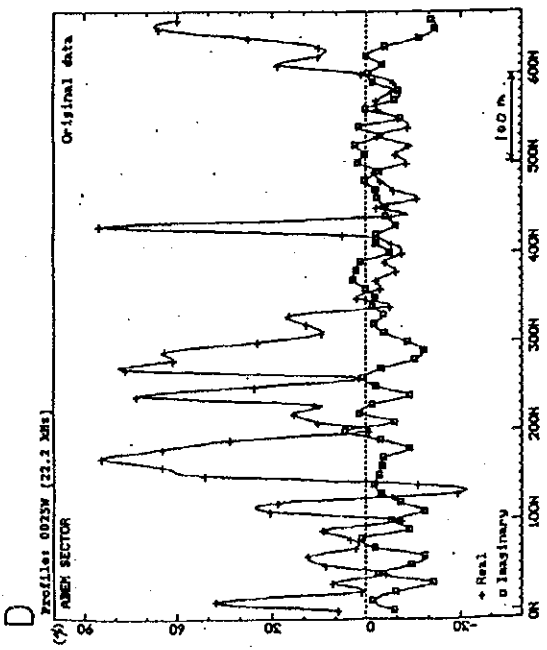
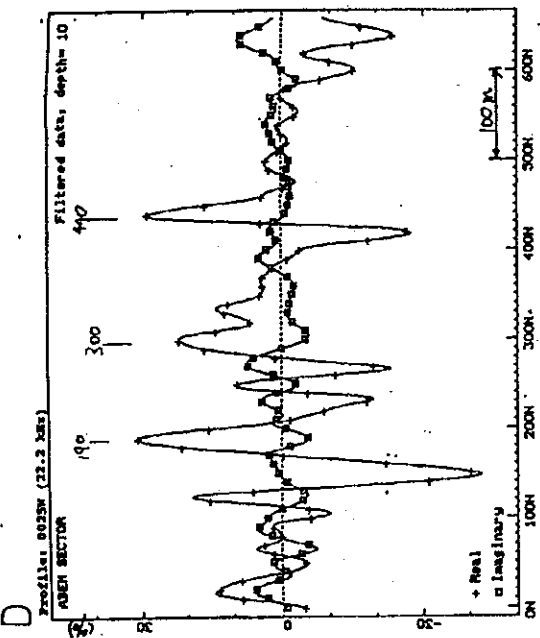
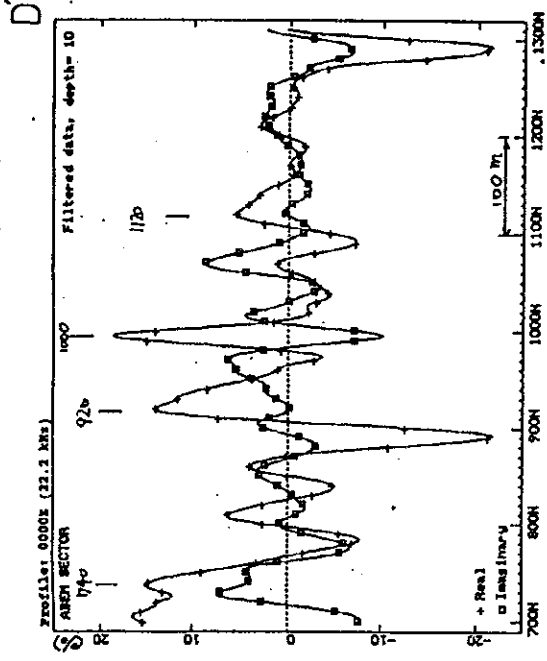
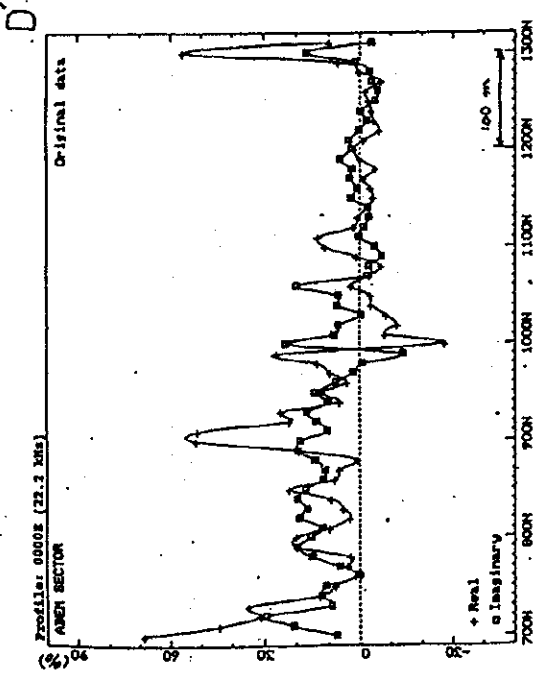
100

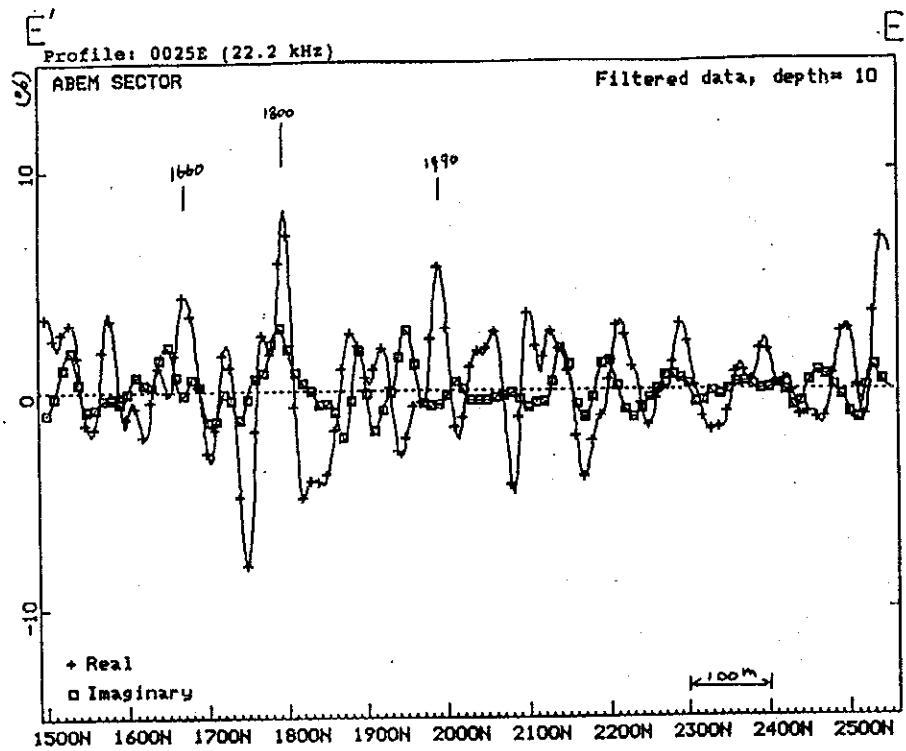
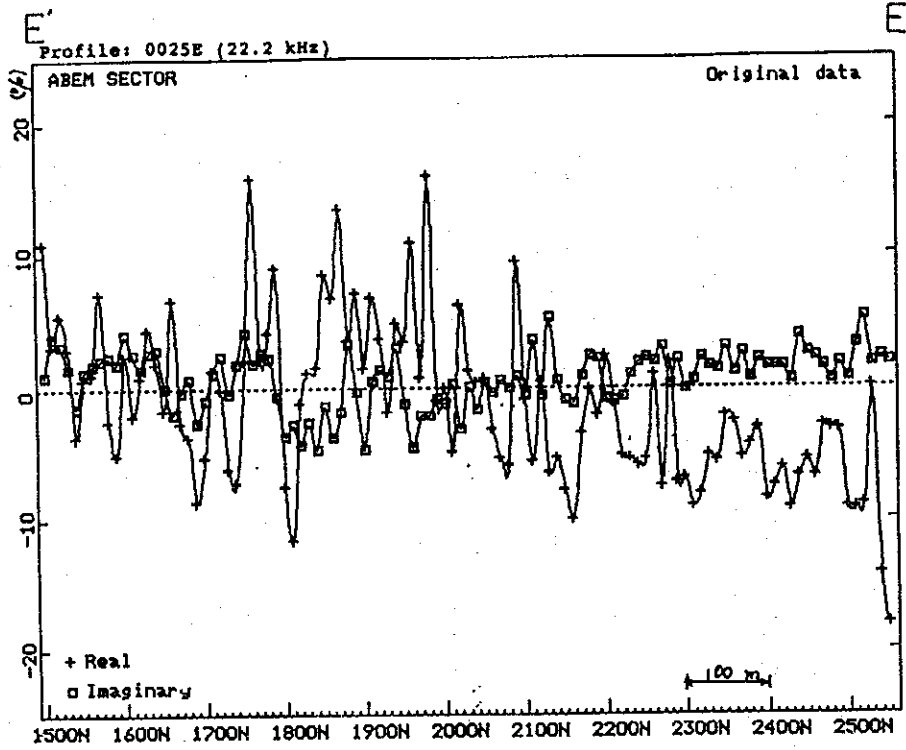
1000

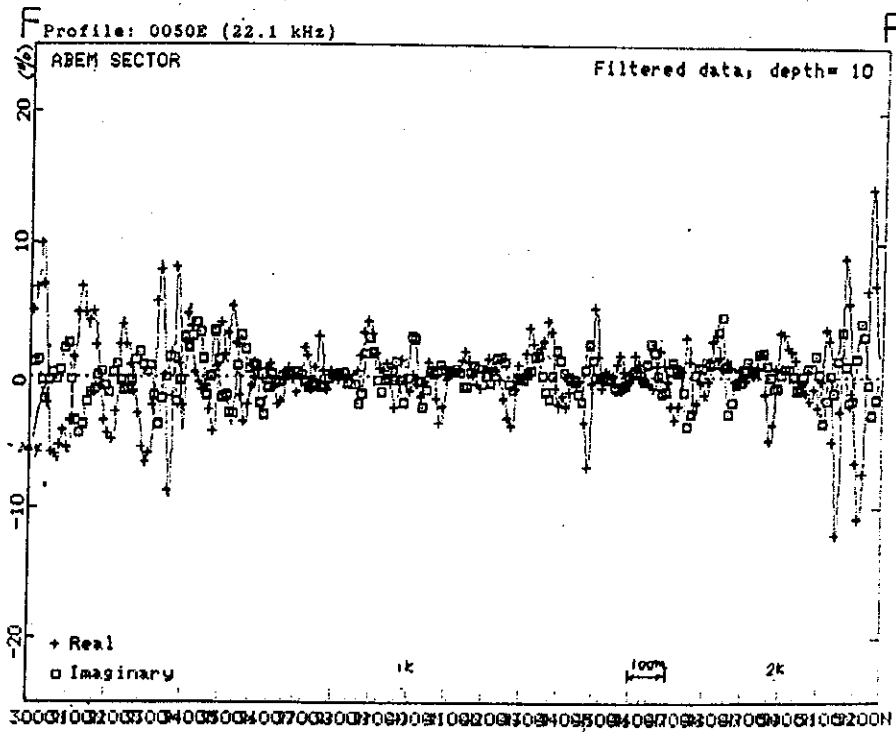
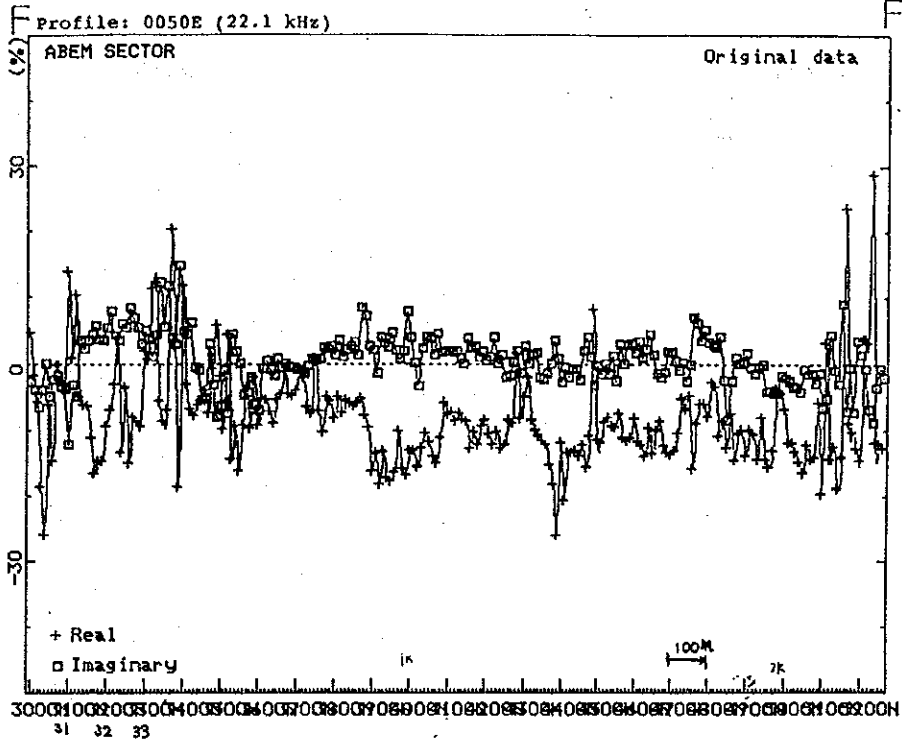


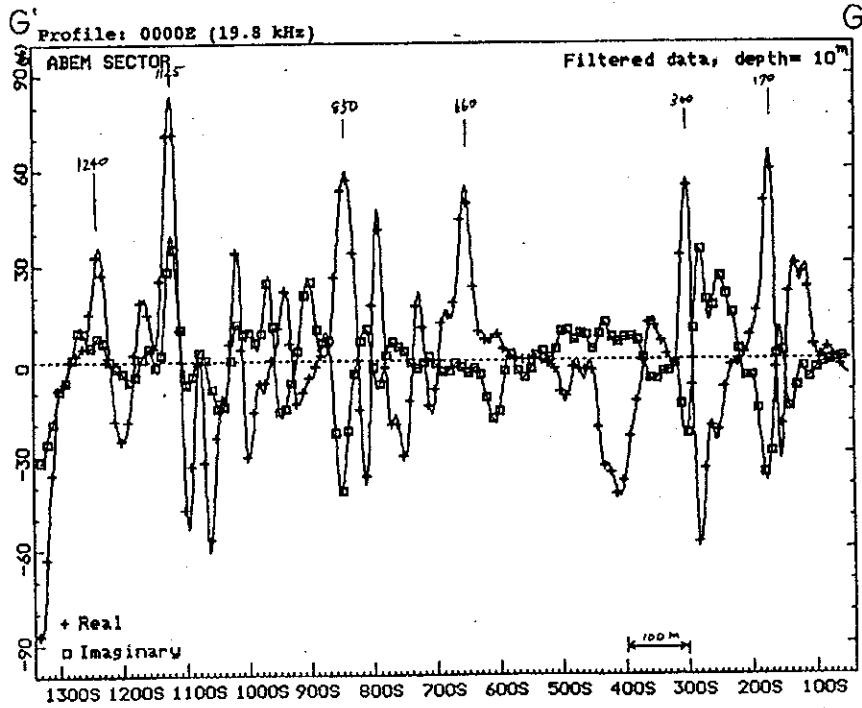
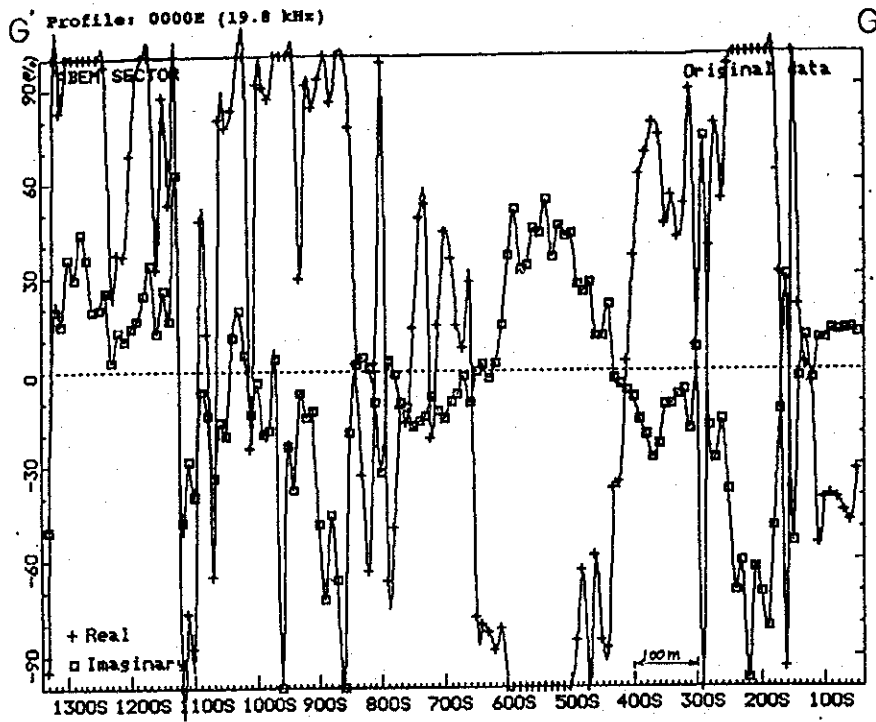
5.6	21	10	24	14.3	18	28.2	40	122	146	176	206	240	280	320
				110	110	110	110	110	110	110	110	110	110	110
				100	100	100	100	100	100	100	100	100	100	100

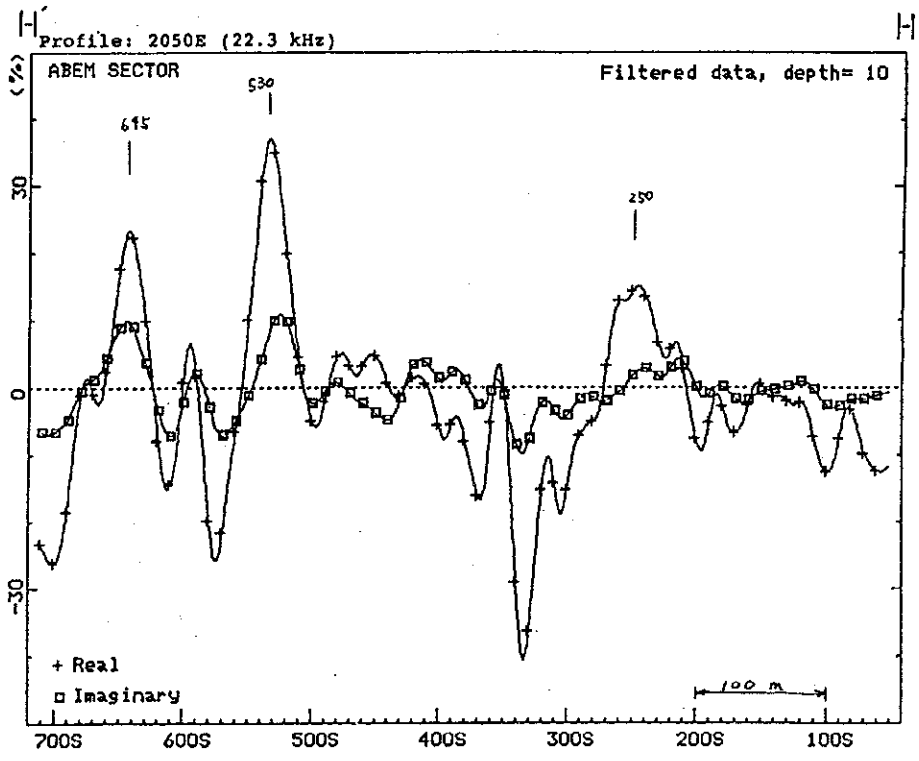
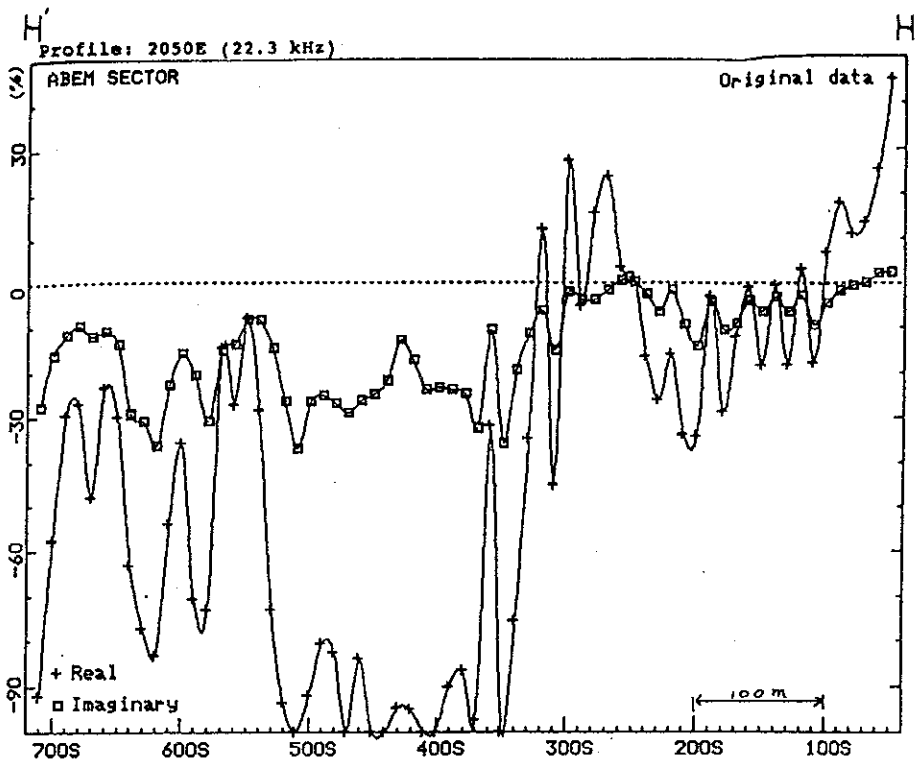
Direct Analysis Method
Standard Curve Method

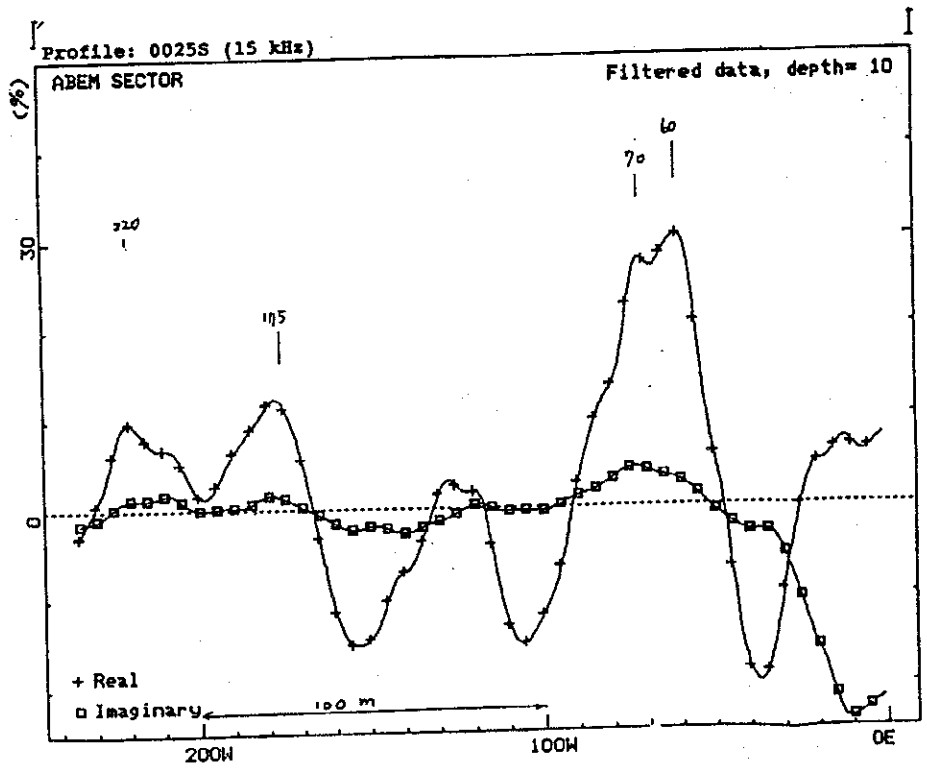
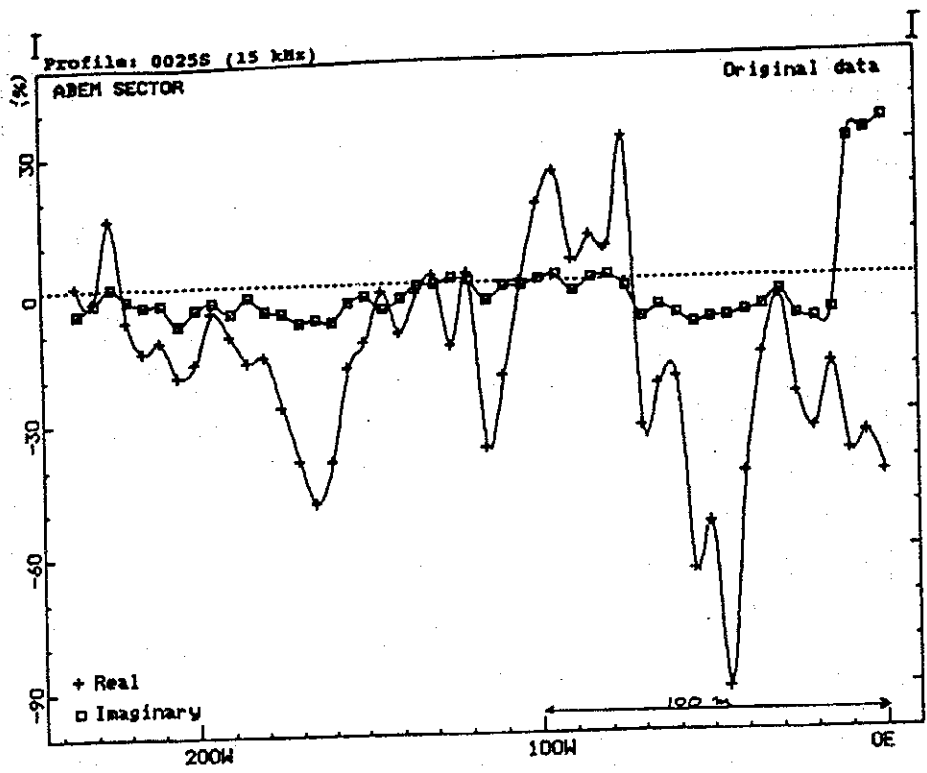


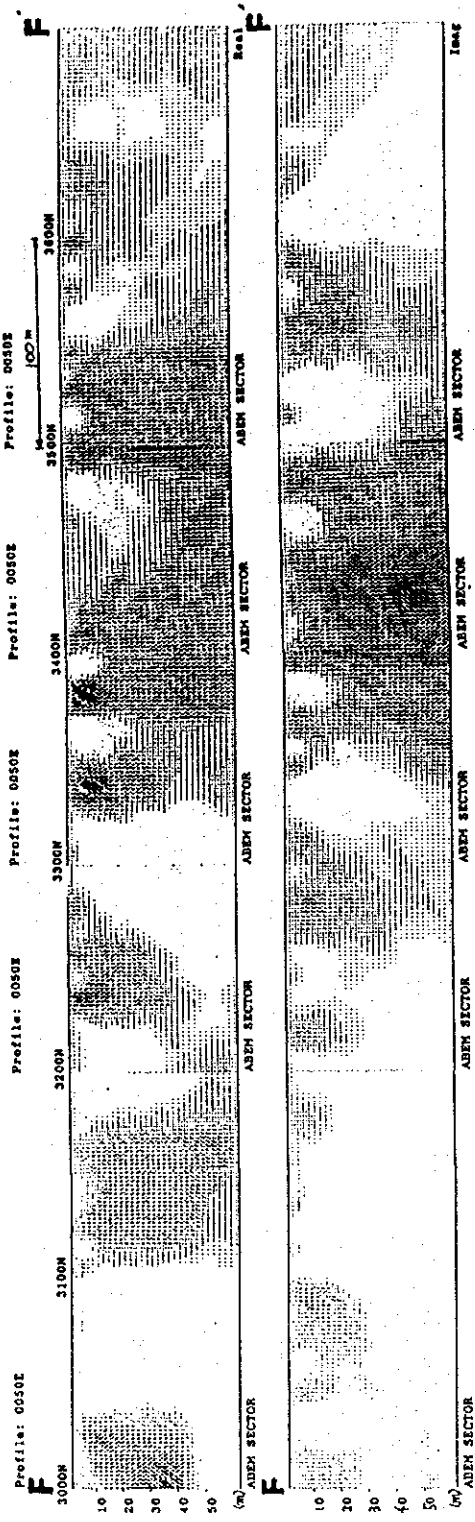
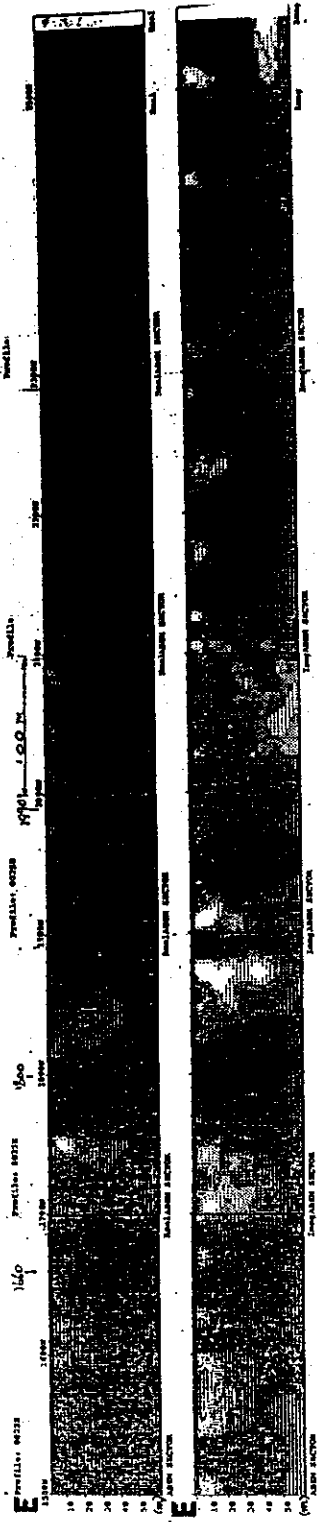


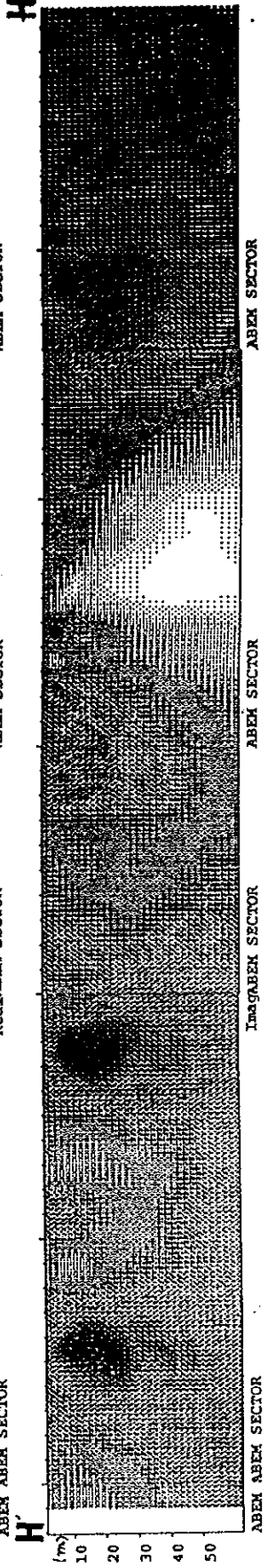
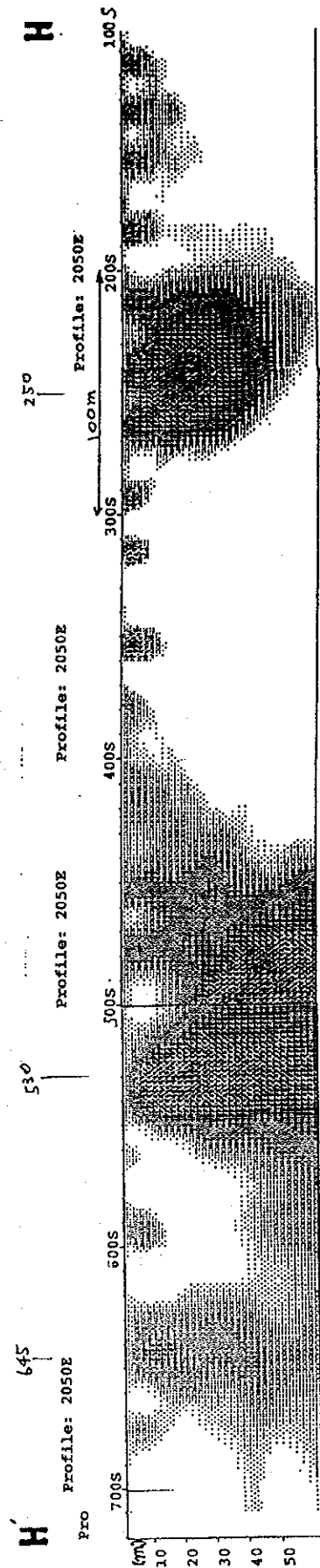
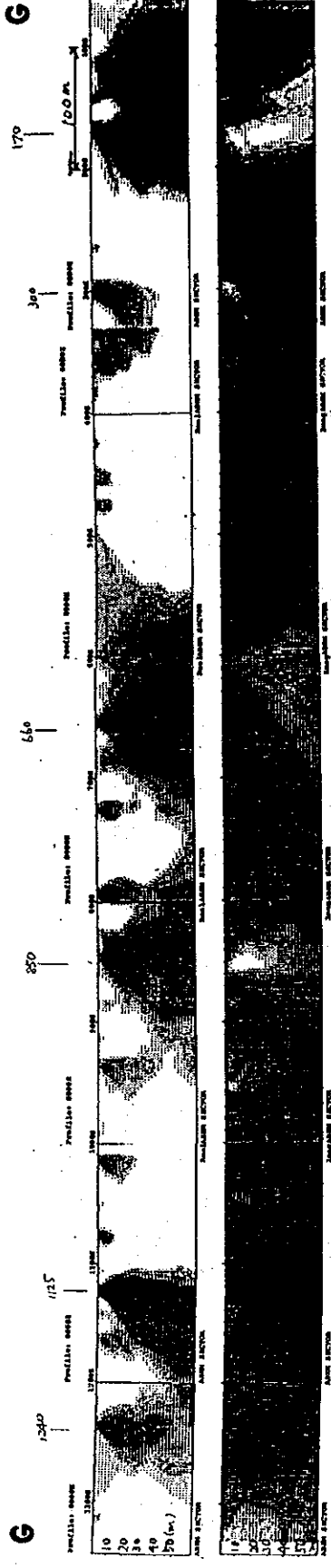




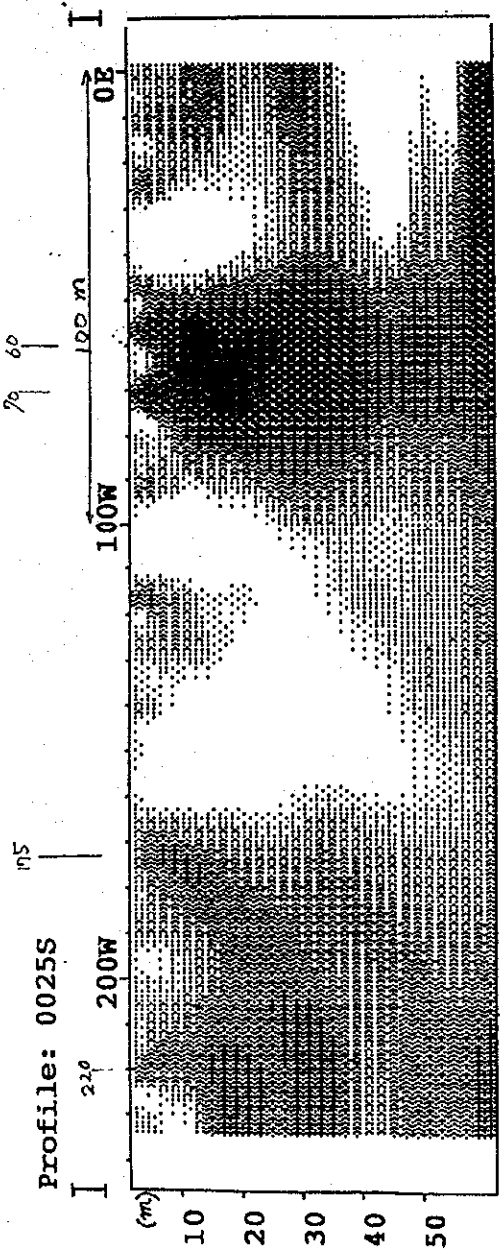






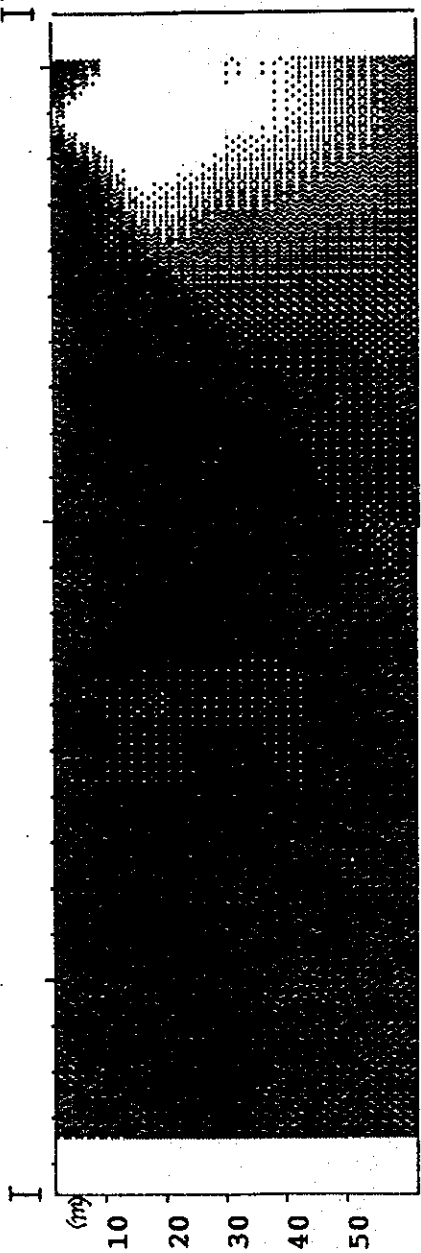


Profile: 0025S



ABEM SECTOR

Real



ABEM SECTOR

Imag

Table 3.4-1 FORMATION CLASSIFICATION BASED ON THE RESULTS
OF ELECTRIC RESISTIVITY SURVEY

A-A' SECTION

FORMATION	RESISTIVITY	THICKNESS & DISTRIBUTION	ASSUMED LITHOFACIES
T	8-27 Ω	less than 5 m and distributes below 30 m in elevation	alluvial clay
U	8-11 Ω	less than 10 m and distributes below 30 m in elevation	alluvial clay
M	20-400 Ω	4-24 m	clay
N	20-400 Ω	more than 120 m on Tagaytay ridge and disappears at 240 m in elevation (EL-8)	volcanic tuff and sand
R	8-2,800 Ω	180-100 m, thicker in high elevation area	tuff breccia - tuff
P	infinite	confirmed only at EL-2	lava flow
Q	infinite		tuff breccia
V	6-46 Ω	more or less than 200 m	marine sediments

B-B' SECTION

FORMATION	RESISTIVITY	THICKNESS & DISTRIBUTION	ASSUMED LITHOFACIES
T	6-15 Ω	less than 15 m and distributes below 50 m in elevation	alluvial clay
U	23-24 Ω	less than 40 m and distributes below 50 m in elevation	alluvial sand
M	13-15 Ω	4 m	clay
R ₁ R ₂	10-96 Ω	40-220 m	volcanic tuff or sand
V	4-30 Ω		sand, clay, gravel
X	high-infinite	distributes 280 m beneath the ground surface	basement rocks

C-C' SECTION

FORMATION	RESISTIVITY	THICKNESS & DISTRIBUTION	ASSUMED LITHOFACIES
A	4-38 Ω	thicken eastward 45 m at EL-27	alluvial sand and clay
M	11-32 Ω	4-12 m	clay
R	8-1,250 Ω	more than 100 m	volcanic tuff and sand
V	5-12 Ω	100 m or more	sand or gravel
G	3-140 Ω		basement rocks

3. PUMPING TEST DATA



CAVITE WATER SUPPLY DEVELOPMENT PROJECT
JAPAN INTERNATIONAL COOPERATION AGENCY
PUMPING TEST DATA SHEET

LOCATION : NHA Compound, GMA, Cavite							
TYPE OF TEST : STEP DRAWDOWN NO. 1 of 4							
DATE STARTED : 11/30/94							
PUMP SETTING : 155 mbgl							
Date	Hour	Time After Start of Pump		Water Level Below G.L. (m)	Drawdown (m)	Discharge Q (L/m)	Remarks
		Hour	Minute				
11/30/94	8:00	:	0	99.45	0.00	64.3	
	8:01	:	1	100.82	1.37	45.0	
	8:02	:	2	100.43	0.98	40.9	
	8:03	:	3	100.40	0.95	40.9	
	8:04	:	4	100.38	0.93	40.9	
	8:05	:	5	100.38	0.93	39.1	
	8:06	:	6	100.37	0.92	39.1	
	8:07	:	7	100.30	0.85	39.1	
	8:08	:	8	100.36	0.91	39.1	
	8:09	:	9	100.35	0.90	37.5	
	8:10	:	10	100.35	0.90	47.4	
	8:12	:	12	100.47	1.02	42.9	
	8:14	:	14	100.41	0.96	40.9	
	8:16	:	16	100.39	0.94	40.9	
	8:18	:	18	100.39	0.94	40.9	
	8:20	:	20	100.39	0.94	40.9	
	8:22	:	22	100.39	0.94	40.9	
	8:25	:	25	100.39	0.94	40.9	
	8:30	:	30	100.39	0.94	40.9	
	8:35	:	35	100.39	0.94	40.9	
	8:40	:	40	100.39	0.94	40.9	
	8:50	:	50	100.39	0.94	40.9	
	9:00	1	0	100.39	0.94	40.9	
	9:10	:	10	100.38	0.93	40.9	
	9:20	:	20	100.38	0.93	40.9	
	9:30	:	30	100.38	0.93	40.9	
	9:40	:	40	100.38	0.93	40.9	
	10:00	2	0	100.38	0.93	40.9	
					Qave =	40.8	

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY
 PUMPING TEST DATA SHEET

LOCATION : NHA Compound, GMA, Cavite							
TYPE OF TEST : STEP DRAWDOWN NO. 2 of 4							
DATE STARTED : 11/30/94							
PUMP SETTING : 155 mbgl							
Date	Hour	Time After Start of Pump		Water Level Below G.L. (m)	Drawdown (m)	Discharge Q (L/m)	Remarks
		Hour	Minute				
11/30/94	10:00	:	0	100.38	0.93	--	
	10:01	:	1	100.43	0.98	56.3	
	10:02	:	2	100.48	1.03	60.0	
	10:03	:	3	100.58	1.13	60.0	
	10:04	:	4	100.57	1.12	60.0	
	10:05	:	5	100.58	1.13	60.0	
	10:06	:	6	100.59	1.14	60.0	
	10:07	:	7	100.59	1.14	60.0	
	10:08	:	8	100.58	1.13	60.0	
	10:09	:	9	100.58	1.13	60.0	
	10:10	:	10	100.58	1.13	60.0	
	10:12	:	12	100.57	1.12	60.0	
	10:14	:	14	100.56	1.11	60.0	
	10:16	:	16	100.56	1.11	60.0	
	10:18	:	18	100.56	1.11	60.0	
	10:20	:	20	100.57	1.12	60.0	
	10:22	:	22	100.57	1.12	60.0	
	10:25	:	25	100.56	1.11	60.0	
	10:30	:	30	100.56	1.11	60.0	
	10:35	:	35	100.56	1.11	60.0	
	10:40	:	40	100.56	1.11	60.0	
	10:50	:	50	100.56	1.11	60.0	
	11:00	1	0	100.56	1.11	60.0	
	11:10	:	10	100.56	1.11	60.0	
	11:20	:	20	100.55	1.10	60.0	
	11:30	:	30	100.55	1.10	60.0	
	11:40	:	40	100.55	1.10	60.0	
	12:00	2	0	100.57	1.12	69.2	
					Qave=	60.4	

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY
 PUMPING TEST DATA SHEET

LOCATION : NHA Compound, GMA, Cavite							
TYPE OF TEST : STEP DRAWDOWN NO. 3 of 4							
DATE STARTED : 11/30/94							
PUMP SETTING : 155 mbgl							
Date	Hour	Time After Start of Pump		Water Level Below G.L. (m)	Drawdown (m)	Discharge Q (L/m)	Remarks
		Hour	Minute				
11/30/94	12:00	:	0	100.57	1.12	--	
	12:01	:	1	100.72	1.27	75.0	
	12:02	:	2	100.78	1.33	81.8	
	12:03	:	3	100.82	1.37	75.0	
	12:04	:	4	100.83	1.38	81.8	
	12:05	:	5	100.83	1.38	81.8	
	12:06	:	6	100.83	1.38	81.8	
	12:07	:	7	100.82	1.37	81.8	
	12:08	:	8	100.81	1.36	81.8	
	12:09	:	9	100.81	1.36	81.8	
	12:10	:	10	100.81	1.36	81.8	
	12:12	:	12	100.81	1.36	81.8	
	12:14	:	14	100.80	1.35	81.8	
	12:16	:	16	100.80	1.35	81.8	
	12:18	:	18	100.80	1.35	81.8	
	12:20	:	20	100.80	1.35	81.8	
	12:22	:	22	100.80	1.35	81.8	
	12:25	:	25	100.79	1.34	81.8	
	12:30	:	30	100.79	1.34	81.8	
	12:35	:	35	100.79	1.34	81.8	
	12:40	:	40	100.80	1.35	81.8	
	12:50	:	50	100.79	1.34	81.8	
	13:00	1	0	100.79	1.34	81.8	
	13:10	:	10	100.79	1.34	81.8	
	13:20	:	20	100.79	1.34	81.8	
	13:30	:	30	100.79	1.34	81.8	
	13:40	:	40	100.78	1.33	81.8	
	14:00	2	0	100.78	1.33	81.8	
					Qave=	81.5	

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY
 PUMPING TEST DATA SHEET

LOCATION : NHA Compound, GMA, Cavite							
TYPE OF TEST : STEP DRAWDOWN NO. 4 of 4							
DATE STARTED : 11/30/94							
PUMP SETTING : 155 mbgl							
Date	Hour	Time After Start of Pump		Water Level Below G.L. (m)	Drawdown (m)	Discharge Q (L/m)	Remarks
		Hour	Minute				
11/30/94	12:00		0	100.78	1.33	--	
	12:01		1	100.03	0.58	112.5	
	12:02		2	101.03	1.58	112.5	
	12:03		3	101.04	1.59	112.5	
	12:04		4	101.04	1.59	112.5	
	12:05		5	101.04	1.59	112.5	
	12:06		6	101.04	1.59	112.5	
	12:07		7	101.04	1.59	112.5	
	12:08		8	101.04	1.59	112.5	
	12:09		9	101.04	1.59	112.5	
	12:10		10	101.04	1.59	112.5	
	12:12		12	101.04	1.59	112.5	
	12:14		14	101.04	1.59	112.5	
	12:16		16	101.04	1.59	112.5	
	12:18		18	101.04	1.59	112.5	
	12:20		20	101.04	1.59	112.5	
	12:22		22	101.04	1.59	112.5	
	12:25		25	101.04	1.59	112.5	
	12:30		30	101.04	1.59	112.5	
	12:35		35	101.04	1.59	112.5	
	12:40		40	101.04	1.59	112.5	
	12:50		50	101.04	1.59	112.5	
	13:00	1	0	101.04	1.59	112.5	
	13:10		10	101.04	1.59	112.5	
	13:20		20	101.04	1.59	112.5	
	13:30		30	101.04	1.59	112.5	
	13:40		40	101.04	1.59	112.5	
	14:00	2	0	101.04	1.59	112.5	
					Qave =	112.5	

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY

PUMPING TEST DATA SHEET

LOCATION : NHA Compound, GMA, CAVITE				PUMPING WELL NO. : A						
TYPE OF TEST : CONSTANT DISCHARGE TEST				Page 1 of 2						
DATE STARTED : 12/1/94		DATE FINISHED : 12/2/94		NO. OF DAYS : 2						
PUMP USED : Submersible pump 4" diameter X 13 stages X 5 hp X 220 V										
PUMP SETTING : 130 mbgl		CASING DIAMETER : 200 mm		MEASURING PT.						
Date	Hour	Time After Start/Stop of Pump		Water Level Below G.L. (m)	Drawdown (m)	Discharge Q (L/m)	Remarks			
		Hour	Minute				Ec	Deg.		
12/1/94	7:00	:	0	97.45	0.00					
		:	0.5	--	--					
		:	1	100.05	2.60					
		:	1.5	--	--					
		:	2	100.42	2.97	56.25				
		:	2.5	--	--					
		:	3	100.54	3.09	56.25				
		:	3.5	9.68	--					
		:	4	100.54	3.09	60.00				
		:	4.5	12.15	--					
		:	5	100.66	3.21	75.00				
		:	6	100.68	3.23	75.00				
		:	7	100.68	3.23	75.00				
		:	8	100.70	3.25	90.00				
		:	9	100.70	3.25	90.00				
		:	10	100.79	3.34	90.00				
		:	12	100.79	3.34	90.00				
		:	14	100.93	3.48	100.00				
		:	16	100.95	3.50	100.00				
		:	18	100.95	3.50	100.00				
		:	20	100.96	3.51	100.00				
		:	22	101.04	3.59	112.50				
		:	25	101.05	3.60	102.27				
		:	30	101.07	3.62					
		:	35	101.09	3.64	106.89				
		:	40	101.06	3.61	108.56				
		:	50	101.08	3.63	110.57				
			8:00	1 :	0	101.07	3.62	104.65		
				:	10	101.07	3.62	103.81		
				:	20	101.07	3.62	107.66		
		:	30	101.07	3.62	107.91				
		:	40	101.07	3.62	106.01				
	9:00	2 :	0	101.07	3.62	104.05				
		:	20	101.07	3.62	104.05				
		:	40	101.07	3.62	104.29				
	10:00	3 :	0	101.07	3.62	104.90				
		:	20	101.07	3.62	104.53				
		:	40	101.08	3.63	107.02	0.357	28.5		
	11:00	4 :	0	101.07	3.62	101.81				
		:	20	101.07	3.62	107.78				
		:	40	101.07	3.62	109.49				

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
JAPAN INTERNATIONAL COOPERATION AGENCY
PUMPING TEST DATA SHEET

LOCATION : NHA Compound, GMA, CAVITE				PUMPING WELL NO. : A					
TYPE OF TEST : CONSTANT DISCHARGE TEST				Page 2 of 2					
DATE STARTED : 12/1/94		DATE FINISHED : 12/2/94		NO. OF DAYS : 2					
PUMP USED : Submersible pump 4" diameter X 13 stages X 5 hp X 220 V									
PUMP SETTING : 130 mbgl		CASING DIAMETER : 200 mm		MEASURING PT.					
Date	Hour	Time After Start/Stop of Pump		Water Level Below G.L. (m)	Drawdown (m)	Discharge Q (L/m)	Remarks		
		Hour	Minute				Ec	Deg.	
12/1/94	12:00	5	0	101.07	3.62	106.13	0.339	27.3	
			20	101.06	3.61	106.51			
			40	101.06	3.61	110.16			
	13:00	6	0	101.06	3.61	107.66			
			30	101.06	3.61				
			0	101.06	3.61				
	14:00	7	0	101.06	3.61	109.09			
			30	101.05	3.60	109.09			
			0	101.06	3.61	108.04	0.358	27.5	
	15:00	8	0	101.05	3.60	107.78			
			30	101.05	3.60	107.78			
			0	101.06	3.61	110.57	0.349	27.3	
	16:00	9	0	101.06	3.61	110.16			
			30	101.05	3.60	110.16			
			0	101.06	3.61	112.22	0.369	26.9	
	17:00	10	0	101.06	3.61	107.02			
			30	101.06	3.61	107.02			
			0	101.06	3.61	110.16	0.356	27.0	
18:00	11	0	101.06	3.61	112.22				
		30	101.07	3.62	112.22				
		0	101.07	3.62	111.11	0.378	26.8		
19:00	12	0	101.07	3.62	113.49				
		30	101.07	3.62	113.49				
		0	101.07	3.62	106.89	0.376	26.8		
20:00	13	0	101.07	3.62	108.04				
		30	101.08	3.63	108.04				
		0	101.09	3.64	108.56	0.360	26.7		
21:00	14	0	101.09	3.64	110.43				
		30	101.09	3.64	110.43				
		0	101.09	3.64	110.02	0.360	26.8		
22:00	15	0	101.09	3.64	102.74				
		30	101.09	3.64	102.74				
		0	101.09	3.64	109.49	0.350	26.7		
23:00	16	0	101.09	3.64	104.29				
		30	101.09	3.64	104.29				
		0	101.10	3.65	108.04	1.356	27.6		
12/2/94	24:00	17	0	101.10	3.65	112.36			
			30	101.10	3.65	111.11	0.370	26.9	
	1:00	18	0	101.10	3.65	113.78			
			30	101.10	3.65	113.78			
	2:00	19	0	101.08	3.63	113.21	0.369	26.7	
			30	101.09	3.64	111.25			
	3:00	20	0	101.07	3.62	109.76	0.371	26.7	
			30	101.07	3.62	108.96			
	4:00	21	0	101.07	3.62	106.76	0.364	25.3	
			30	101.07	3.62	111.80			
	5:00	22	0	101.07	3.62	108.43	0.356	26.5	
			30	101.07	3.62	110.57			
	6:00	23	0	101.07	3.62	107.91	0.373	26.7	
			30	101.07	3.62	107.66	0.336	26.7	
	7:00	24	0	101.07	3.62	107.66			
			30						
						Ave =	104.33		

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY

PUMPING TEST DATA SHEET

LOCATION : NHA Compound, GMA, CAVITE				PUMPING WELL NO. : A			
TYPE OF TEST : RECOVERY TEST				Page 1 of 1			
DATE STARTED : 12/2/94		DATE FINISHED : 12/2/94		NO. OF DAYS : 1			
Date	Hour	Time After Start/Stop of Pump		Water Level Below G.L. (m)	Recovery (m)	Discharge Q (L/m)	Remarks
		Hour	Minute				
12/2/94	7:00		0	101.07	3.62		
			0.5	--	--		
			1	100.43	2.98		
			1.5	--	--		
			2	100.09	2.64		
			2.5	--	--		
			3	99.96	2.51		
			3.5	--	--		
			4	99.93	2.48		
			4.5	--	--		
			5	99.81	2.36		
			6	99.90	2.45		
			7	99.90	2.45		
			8	99.89	2.44		
			9	99.89	2.44		
			10	99.88	2.43		
			12	99.87	2.42		
			14	99.87	2.42		
			16	99.87	2.42		
			18	99.86	2.41		
			20	99.86	2.41		
			22	99.85	2.40		
			25	99.84	2.39		
			30	99.83	2.38		
			35	99.82	2.37		
			40	99.81	2.36		
			50	99.80	2.35		
	8:00	1	0	99.79	2.34		
			10	99.78	2.33		
			20	99.78	2.33		
			30	99.78	2.33		
			40	99.78	2.33		
	9:00	2	0	99.77	2.32		
			20	99.75	2.30		
			40	99.73	2.28		
	10:00	3	0	99.72	2.27		
			30	99.70	2.25		
	11:00	4	0	99.69	2.24		
	12:00	5	0	99.66	2.21		
	13:00	6	0	99.63	2.18		
	14:00	7	0	99.61	2.16		
	15:00	8	0	99.59	2.14		

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY
 PUMPING TEST DATA SHEET

LOCATION : Bgy. Punta, Tanza, Cavite							
TYPE OF TEST : STEP DRAWDOWN NO. 1 of 5							
DATE STARTED : 11/28/94							
PUMP SETTING : 50 mbgl							
Date	Hour	Time After Start of Pump		Water Level Below G.L. (m)	Drawdown (m)	Discharge Q (L/m)	Remarks
		Hour	Minute				
11/30/94	12:00		0	10.93	0.00	--	
	12:01		1	0.00	--	299	
	12:02		2	16.86	5.93	--	
	12:03		3	13.93	3.00	367	
	12:04		4	13.59	2.66	321	
	12:05		5	14.71	3.78	459	
	12:06		6	15.00	4.07	--	
	12:07		7	15.01	4.08	459	
	12:08		8	14.60	3.67	429	
	12:09		9	14.59	3.66	429	
	12:10		10	14.37	3.44	402	
	12:12		12	14.35	3.42	397	
	12:14		14	14.32	3.39	397	
	12:16		16	14.32	3.39	394	
	12:18		18	14.34	3.41	398	
	12:20		20	14.36	3.43	396	
	12:22		22	14.29	3.36	396	
	12:25		25	14.46	3.53	394	
	12:30		30	14.51	3.58	397	
	12:35		35	14.51	3.58	399	EC Temp
	12:40		40	14.51	3.58	401	447 29 deg
	12:50		50	14.47	3.54	393	
	13:00	1	0	14.42	3.49	396	
	13:10		10	14.40	3.47	383	
	13:20		20	15.61	4.68	443	
	13:30		30	14.49	3.56	398	
	13:40		40	14.49	3.56	394	
	13:50		50	14.49	3.56	397	
	14:00	2	0	14.48	3.55	398	
					Qave =	399	

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY
 PUMPING TEST DATA SHEET

LOCATION : Bgy. Punta, Tanza, Cavite							
TYPE OF TEST : STEP DRAWDOWN NO. 2 of 5							
DATE STARTED : 11/28/94							
PUMP SETTING : 50 mbgl							
Date	Hour	Time After Start of Pump		Water Level Below G.L. (m)	Drawdown (m)	Discharge Q (L/m)	Remarks
		Hour	Minute				
11/30/94	14:00	0		14.48	3.55	--	
	14:01	:	1	17.38	6.45	731	Clear
	14:02	:	2	17.34	6.41	722	Water
	14:03	:	3	17.30	6.37	714	
	14:04	:	4	17.32	6.39	722	
	14:05	:	5	17.34	6.41	710	
	14:06	:	6	17.35	6.42	731	
	14:07	:	7	17.37	6.44	718	
	14:08	:	8	17.42	6.49	718	
	14:09	:	9	17.97	7.04	784	
	14:10	:	10	18.06	7.13	779	
	14:12	:	12	18.12	7.19	794	
	14:14	:	14	18.15	7.22	779	
	14:16	:	16	18.17	7.24	775	
	14:18	:	18	18.17	7.24	784	
	14:20	:	20	18.18	7.25	789	
	14:22	:	22	18.19	7.26	784	
	14:25	:	25	18.23	7.30	779	
	14:30	:	30	18.26	7.33	775	
	14:35	:	35	18.30	7.37	770	
	14:40	:	40	18.32	7.39	779	
	14:50	:	50	18.34	7.41	779	
	15:00	1	0	18.35	7.42	784	
	15:10	:	10	18.37	7.44	801	
	15:20	:	20	18.40	7.47	779	
	15:30	:	30	18.43	7.50	784	
	15:40	:	40	18.43	7.50	770	
	15:50	:	50	18.43	7.50	779	
	16:00	2	0	18.45	7.52	775	
					Qave =	781	

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY
 PUMPING TEST DATA SHEET

LOCATION : Bgy. Punta, Tanza, Cavite							
TYPE OF TEST : STEP DRAWDOWN NO. 3 of 5							
DATE STARTED : 11/28/94							
PUMP SETTING : 50 mbgl							
Date	Hour	Time After Start of Pump		Water Level Below G.L. (m)	Drawdown (m)	Discharge Q (L/m)	Remarks
		Hour	Minute				
11/30/94	16:00		0	18.45	7.52	--	
	16:01		1	20.41	9.48	1138	
	16:02		2	21.75	10.82	1174	
	16:03		3	21.77	10.84	1180	
	16:04		4	21.82	10.89	1277	
	16:05		5	22.41	11.48	1277	
	16:06		6	22.48	11.55	1213	
	16:07		7	22.51	11.58	1213	
	16:08		8	22.55	11.62	1202	
	16:09		9	22.58	11.65	1202	
	16:10		10	22.61	11.68	1225	
	16:12		12	22.65	11.72	1236	
	16:14		14	22.70	11.77	1248	
	16:16		16	22.74	11.81	1236	
	16:18		18	22.74	11.81	1202	
	16:20		20	22.76	11.83	1248	
	16:22		22	22.79	11.86	1202	
	16:25		25	22.84	11.91	1213	
	16:30		30	22.84	11.91	1202	
	16:35		35	22.88	11.95	1213	
	16:40		40	22.90	11.97	1191	
	16:50		50	22.96	12.03	1225	
	17:00	1	0	22.99	12.06	1213	
	17:10		10	23.01	12.08	1213	
	17:20		20	23.03	12.10	1213	
	17:30		30	23.05	12.12	1225	
	17:40		40	23.11	12.18	1225	
	17:50		50	23.13	12.20	1225	
	18:00	2	0	23.13	12.20	1225	
					Qave =	1220	

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY
 PUMPING TEST DATA SHEET

LOCATION : Bgy. Punta, Tanza, Cavite							
TYPE OF TEST : STEP DRAWDOWN NO. 4 of 5							
DATE STARTED : 11/28/94							
PUMP SETTING : 50 mbgl							
Date	Hour	Time After Start of Pump		Water Level Below G.L. (m)	Drawdown (m)	Discharge Q (L/m)	Remarks
		Hour	Minute				
11/30/94	18:00		0	23.15	12.22	--	
	18:01	:	1	25.10	14.17	1495	
	18:02	:	2	25.72	14.79	1478	
	18:03	:	3	25.40	14.47	1478	
	18:04	:	4	25.55	14.62	1531	
	18:05	:	5	25.59	14.66	1531	
	18:06	:	6	25.60	14.67	1513	
	18:07	:	7	25.65	14.72	1495	
	18:08	:	8	25.66	14.73	1495	
	18:09	:	9	25.80	14.87	1531	
	18:10	:	10	25.88	14.95	1587	
	18:12	:	12	25.92	14.99	1568	
	18:14	:	14	25.97	15.04	1549	
	18:16	:	16	25.99	15.06	1531	
	18:18	:	18	26.02	15.09	1531	
	18:20	:	20	26.04	15.11	1568	
	18:22	:	22	26.00	15.07	1549	
	18:25	:	25	26.02	15.09	1531	
	18:30	:	30	26.05	15.12	1531	
	18:35	:	35	26.05	15.12	1549	
	18:40	:	40	26.09	15.16	1531	
	18:50	:	50	26.12	15.19	1531	
	19:00	1 :	0	26.10	15.17	1549	
	19:10	:	10	26.18	15.25	1549	
	19:20	:	20	16.24	5.31	1549	
	19:30	:	30	26.25	15.32	1531	
	19:40	:	40	26.24	15.31	1531	
	19:50	:	50	26.24	15.31	1549	
	20:00	2 :	0	26.25	15.32	1549	
					Qave =	1545	

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY
 PUMPING TEST DATA SHEET

LOCATION : Bgy. Punta, Tanza, Cavite							
TYPE OF TEST : STEP DRAWDOWN NO. 5 of 5							
DATE STARTED : 11/28/94							
PUMP SETTING : 50 mbgl							
Date	Hour	Time After Start of Pump		Water Level Below G.L. (m)	Drawdown (m)	Discharge Q (L/m)	Remarks
		Hour	Minute				
11/30/94	20:00		0	26.25	15.32	--	
	20:01		1	27.55	16.62	1863	
	20:02		2	28.86	17.93	1948	
	20:03		3	29.92	18.99	2009	
	20:04		4	30.09	19.16	1568	
	20:05		5	30.17	19.24	2041	
	20:06		6	30.24	19.31	2041	
	20:07		7	30.27	19.34	2009	
	20:08		8	30.29	19.36	2041	
	20:09		9	30.31	19.38	2074	
	20:10		10	30.35	19.42	2074	
	20:12		12	30.41	19.48	2009	
	20:14		14	30.45	19.52	2009	
	20:16		16	30.49	19.56	2009	
	20:18		18	30.53	19.60	2041	
	20:20		20	30.52	19.59	2041	
	20:22		22	30.57	19.64	2009	
	20:25		25	30.61	19.68	2041	
	20:30		30	30.64	19.71	2041	
	20:35		35	30.64	19.71	2041	@ 38 min
	20:40		40	30.86	19.93	2074	after start of
	20:50		50	30.86	19.93	2108	5th step
	21:00	1	0	30.90	19.97	2041	water have
	21:10		10	30.91	19.98	2074	particles of
	21:20		20	30.91	19.98	2041	sand
	21:30		30	30.96	20.03	2074	
	21:40		40	30.96	20.03	2074	
	21:50		50	31.00	20.07	2041	
	22:00	2	0	31.01	20.08	2041	
					Qave =	2046	

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
JAPAN INTERNATIONAL COOPERATION AGENCY

PUMPING TEST DATA SHEET

LOCATION		Bgy. Punta, Tanza, Cavite		PUMPING WELL NO. : B				
TYPE OF TEST		CONSTANT DISCHARGE TEST		Page 1 of 2				
DATE STARTED		12/5/94	DATE FINISHED		12/6/94			
			NO. OF DAYS		2			
PUMP USED		Submersible pump 5" diameter X 13 stages X 30 hp X 440 V						
PUMP SETTING		40 mbgl	CASING DIAMETER : 250/200 mm					
Date	Hour	Time After Start/Stop of Pump		Water Level Below G.L. (m)	Drawdown (m)	Discharge Q (L/m)	Remarks	
		Hour	Minute				Ec	Deg.
12/5/94	17:00		0	10.45	0.00			
			0.5	--	--			
			1	17.07	6.62	875.00		
			1.5	--	--			
			2	17.10	6.65	869.00		
			2.5	--	--			
			3	17.25	6.80	875.00		
			3.5	--	--			
			4	17.40	6.95	881.00		
			4.5	--	--			
			5	17.48	7.03	875.00		
			6	17.56	7.11	875.00		
			7	17.70	7.25	875.00		
			8	17.71	7.26	875.00		
			9	17.75	7.30	875.00		
			10	17.78	7.33	869.00	492	28.8
			12	17.86	7.41	881.00		
			14	17.93	7.48	875.00		
			16	17.97	7.52	727.00		
			18	18.01	7.56	869.00		
			20	18.05	7.60	869.00	481	28.5
			22	18.09	7.64	869.00		
			25	18.14	7.69	869.00		
			30	18.20	7.75	881.00	467	28.4
			35	18.25	7.80	863.00		
	40	18.30	7.85	875.00				
	50	18.39	7.94	863.00				
	18:00	1	0	18.43	7.98	869.00	455	28.2
			10	18.48	8.03	875.00		
			20	18.53	8.08	875.00		
			30	18.58	8.13	869.00	451	27.9
			40	18.62	8.17	869.00		
	19:00	2	0	18.68	8.23	881.00	445	27.4
			20	18.73	8.28	869.00		
			40	18.75	8.30	875.00		
	20:00	3	0	18.80	8.35	869.00	442	27.2
			20	18.85	8.40	869.00		
			40	18.88	8.43	875.00		
	21:00	4	0	18.90	8.45	875.00	439	28.2
			20	18.93	8.48	869.00		
			40	18.95	8.50	881.00		

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY

PUMPING TEST DATA SHEET

LOCATION : Bgy. Punta, Tanza, Cavite				PUMPING WELL NO. : B				
TYPE OF TEST : CONSTANT DISCHARGE TEST				Page 2 of 2				
DATE STARTED : 12/5/94		DATE FINISHED : 12/6/94		NO. OF DAYS : 2				
PUMP USED : Submersible pump 5" diameter X 13 stages X 30 hp X 440 V								
PUMP SETTING : 40 mbgl		CASING DIAMETER : 250/200 mm						
Date	Hour	Time After Start/Stop of Pump		Water Level Below G.L. (m)	Drawdown (m)	Discharge Q (L/m)	Remarks	
		Hour	Minute				Ec	Deg.
12/5/94	22:00	5	0	18.97	8.52	875.00		
			20	18.97	8.52	881.00		
			40	18.98	8.53	875.00		
	23:00	6	0	19.00	8.55	869.00	437	27.8
			30	19.04	8.59	875.00		
12/6/94	24:00	7	0	19.05	8.60	881.00	437	28.1
			30	19.08	8.63	881.00		
	1:00	8	0	19.08	8.63	869.00	435	28.2
			30	19.10	8.65	869.00		
	2:00	9	0	19.14	8.69	881.00	432	27.9
			30	19.15	8.70	881.00		
	3:00	10	0	19.17	8.72	869.00	433	27.9
			30	19.18	8.73	875.00		
	4:00	11	0	19.19	8.74	869.00	433	27.8
			30	19.21	8.76	875.00		
	5:00	12	0	19.22	8.77	869.00	432	27.5
			30	19.24	8.79	875.00		
	6:00	13	0	19.26	8.81	881.00	432	27.7
			30	19.28	8.83	875.00		
	7:00	14	0	19.29	8.84	869.00	433	27.8
			30	19.31	8.86	875.00		
	8:00	15	0	19.35	8.90	869.00	442	28.5
			30	19.36	8.91	869.00		
	9:00	16	0	19.39	8.94	875.00	444	29.5
			30	19.42	8.97	869.00		
	10:00	17	0	19.43	8.98	869.00	444	29.1
			30	19.42	8.97	881.00	452	29.5
	11:00	18	0	19.44	8.99	881.00	449	29.1
			30	19.45	9.00	881.00	449	29.3
	12:00	19	0	19.46	9.01	863.00	451	29.2.0
			30	19.48	9.03	875.00	451	29.2.0
	13:00	20	0	19.48	9.03	881.00	451	29.3
			30	19.49	9.04	869.00		
	14:00	21	0	19.48	9.03	863.00	449	29.6
			30	19.47	9.02	869.00		
	15:00	22	0	19.48	9.03	869.00	450	29.5
			30	19.49	9.04	863.00		
	16:00	23	0	19.48	9.03	881.00	453	29.1
		17:00	24	0	19.51	9.06	881.00	443
					Ave ::	872.18		

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY

PUMPING TEST DATA SHEET

LOCATION : Bgy. Punta, Tanza, Cavite					PUMPING WELL NO. : B		
TYPE OF TEST : RECOVERY TEST					Page 1 of 1		
DATE STARTED : 12/6/94			DATE FINISHED : 12/7/94		NO. OF DAYS : 1		
Date	Hour	Time After Start/Stop of Pump		Water Level Below G.L. (m)	Recovery (m)	Discharge Q (L/m)	Remarks
		Hour	Minute				
12/6/94	17:00	:	0	19.51	9.06		
		:	0.5	14.10	3.65		
		:	1	13.29	2.84		
		:	1.5	13.08	2.63		
		:	2	12.92	2.47		
		:	2.5	12.80	2.35		
		:	3	12.73	2.28		
		:	3.5	12.71	2.26		
		:	4	12.65	2.20		
		:	4.5	12.61	2.16		
		:	5	12.54	2.09		
		:	6	12.49	2.04		
		:	7	12.43	1.98		
		:	8	12.37	1.92		
		:	9	12.33	1.88		
		:	10	12.29	1.84		
		:	12	12.22	1.77		
		:	14	12.16	1.71		
		:	16	12.12	1.67		
		:	18	12.07	1.62		
		:	20	12.04	1.59		
		:	22	12.01	1.56		
		:	25	11.98	1.53		
		:	30	11.92	1.47		
		:	35	11.87	1.42		
		:	40	11.82	1.37		
		:	50	11.76	1.31		
	18:00	1	0	11.71	1.26		
		:	10	11.66	1.21		
		:	20	11.62	1.17		
		:	30	11.59	1.14		
		:	40	11.56	1.11		
	19:00	2	0	11.51	1.06		
		:	20	11.46	1.01		
		:	40	11.43	0.98		
	20:00	3	0	11.40	0.95		
		:	30	11.36	0.91		
	21:00	4	0	11.32	0.87		
	22:00	5	0	11.25	0.80		
	23:00	6	0	11.23	0.78		
	24:00	7	0	11.19	0.74		
12/6/94	1:00	8	0	11.16	0.71		

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY

PUMPING TEST DATA SHEET

LOCATION :		BGY. SAN ROQUE, NAIC, CAVITE					
TYPE OF TEST: STEP DRAWDOWN NO.		1 of 4					
DATE STARTED:		11/15/94					
PUMP SETTING:		54 m ³ /gl					
Measuring Pt.:		0.6 magl					
Date	Hour	Time After Start/Stop of Pump		Water Level Below G.L. (m)	Drawdown Recovery (m)	Discharge Q (L/m)	Remarks
		Hour	Minute				
11/15/94	14:01	:	0	5.40	0.00		
		:	0.5	22.33	16.93		
	14:02	:	1	28.30	22.90		
		:	1.5	0.00	..		
	14:03	:	2	15.33	9.93		
		:	2.5	17.50	12.10		
	14:04	:	3	19.32	13.92		
		:	3.5	13.29	7.89		
	14:05	:	4	13.15	7.75		
		:	4.5	13.31	7.91		
	14:06	:	5	12.57	7.17		
	14:07	:	6	12.19	6.79		
	14:08	:	7	12.05	6.65		
	14:09	:	8	11.98	6.58		
	14:10	:	9	12.03	6.63		
	14:11	:	10	14.02	8.62		
	14:13	:	12	14.39	8.99		
	14:15	:	14	12.55	7.15		
	14:17	:	16	12.08	6.68		
	14:19	:	18	12.88	7.48		
	14:21	:	20	12.92	7.52		
	14:23	:	22	12.95	7.55		
	14:26	:	25	12.93	7.53		
	14:31	:	30	12.96	7.56		
	14:36	:	35	12.98	7.58	560	
	14:41	:	40	13.00	7.60	560	
	14:51	:	50	13.05	7.65	560	
	15:01	1	0	13.06	7.66	560	
	15:11	:	10	13.10	7.70	560	
	15:21	:	20	13.17	7.77	560	
	15:31	:	30	13.23	7.83	560	

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY

PUMPING TEST DATA SHEET

LOCATION :		BGY. SAN ROQUE, NAIC, CAVITE				
TYPE OF TEST :		STEP DRAWDOWN NO. 2 of 4				
DATE STARTED :		11/15/94				
PUMP SETTING :		54 mgl				
Measuring Pt.:		0.6 magl				
Date	Hour	Time After Start/Stop of Pump		Water Level Below G.L. (m)	Drawdown Recovery (m)	Discharge Q (L/m)
		Hour	Minute			
11/15/94	15:31	:	0	13.23	7.83	
		:	0.5	14.62	9.22	
	15:32	:	1	16.24	10.84	
		:	1.5	17.23	11.83	
	15:33	:	2	18.02	12.62	
		:	2.5	18.47	13.07	
	15:34	:	3	18.65	13.25	
		:	3.5	19.50	14.10	
	15:35	:	4	20.18	14.78	
		:	4.5	20.46	15.06	
	15:36	:	5	20.55	15.15	
	15:37	:	6	20.60	15.20	
	15:38	:	7	20.59	15.19	
	15:39	:	8	20.63	15.23	
	15:40	:	9	20.69	15.29	
	15:41	:	10	20.74	15.34	
	15:43	:	12	21.74	16.34	
	15:45	:	14	21.74	16.34	
	15:47	:	16	21.74	16.34	
	15:49	:	18	21.81	16.41	
	15:51	:	20	21.83	16.43	
	15:53	:	22	0.00	..	
	15:56	:	25	21.93	16.53	
	16:01	:	30	22.00	16.60	
	16:06	:	35	22.12	16.72	1200
	16:11	:	40	22.20	16.80	1200
	16:21	:	50	22.32	16.92	1200
	16:31	1 :	0	22.42	17.02	1200
	16:41	:	10	22.51	17.11	1200
	16:51	:	20	22.58	17.18	1200
	17:01	:	30	22.63	17.23	1200

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY

PUMPING TEST DATA SHEET

LOCATION :		BGY. SAN ROQUE, NAIC, CAVITE				
TYPE OF TEST :		STEP DRAWDOWN NO.		3 of 4		
DATE STARTED :		11/15/94				
PUMP SETTING :		34 mg/l				
Measuring Pt.:		0.6 mg/l				
Date	Hour	Time After Start/Stop of Pump		Water Level Below G.L. (m)	Drawdown Recovery (m)	Remarks
		Hour	Minute			
11/15/94	17:01		0	22.63	17.23	
			0.5	25.64	20.24	
	17:02		1	26.96	21.56	
			1.5	28.80	23.40	
	17:03		2	30.08	24.68	
			2.5	30.53	25.13	
	17:04		3	31.13	25.73	
			3.5	31.46	26.06	
	17:05		4	31.53	26.13	
			4.5	31.64	26.24	
	17:06		5	31.68	26.28	
	17:07		6	31.83	26.43	
	17:08		7	32.06	26.66	
	17:09		8	32.08	26.68	
	17:10		9	32.10	26.70	
	17:11		10	32.12	26.72	
	17:13		12	32.10	26.70	
	17:15		14	32.45	27.05	
	17:17		16	32.58	27.18	
	17:19		18	32.65	27.25	
	17:21		20	32.72	27.32	
	17:23		22	32.80	27.40	
	17:26		25	32.93	27.53	
	17:31		30	33.18	27.78	
	17:36		35	33.31	27.91	1680
	17:41		40	33.37	27.97	1680
	17:51		50	33.45	28.05	1680
	18:01	1	0	33.67	28.27	
	18:11		10	33.79	28.39	1680
	18:21		20	33.92	28.52	1680
	18:31		30	34.03	28.63	1680

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY

PUMPING TEST DATA SHEET

LOCATION : BGY. SAN ROQUE, NAIC, CAVITE							
TYPE OF TEST: STEP DRAWDOWN NO. 4 of 4							
DATE STARTED: 11/15/94							
PUMP SETTING: 54 mhg							
Measuring Pt.: 0.6 magl							
Date	Hour	Time After Start/Stop of Pump		Water Level Below G.L. (m)	Drawdown Recovery (m)	Discharge Q (L/m)	Remarks
		Hour	Minute				
11/15/94	18:31	:	0	34.03	28.63		
		:	0.5	34.52	29.12		
	18:32	:	1	35.54	30.14		
		:	1.5	36.08	30.68		
	18:33	:	2	37.08	31.68		
		:	2.5	37.64	32.24		
	18:34	:	3	38.04	32.64		
		:	3.5	38.48	33.08		
	18:35	:	4	38.57	33.17		
		:	4.5	38.60	33.20		
	18:36	:	5	38.69	33.29		
	18:37	:	6	38.79	33.39		
	18:38	:	7	38.84	33.44		
	18:39	:	8	38.85	33.45		
	18:40	:	9	38.86	33.46		
	18:41	:	10	38.90	33.50		
	18:43	:	12	38.96	33.56		
	18:45	:	14	39.00	33.60		
	18:47	:	16	39.03	33.65		
	18:49	:	18	39.10	33.70		
	18:51	:	20	39.15	33.75		
	18:53	:	22	39.22	33.82		
	18:56	:	25	39.27	33.87		
	19:01	:	30	39.35	33.95		
	19:06	:	35	39.42	34.02	2100	
	19:11	:	40	39.54	34.14	2100	
	19:21	:	50	39.60	34.20	2100	
	19:31	1	0	39.69	34.29	2100	
	19:41	:	10	39.74	34.34	2100	
	19:51	:	20	39.86	34.46	2100	
	20:01	:	30	39.89	34.49	2100	

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY

PUMPING TEST DATA SHEET

LOCATION		BGY. SAN ROQUE, NAIC, CAVITE			PUMPING WELL NO. : C					
TYPE OF TEST		CONSTANT DISCHARGE TEST			Page 1 of 3					
DATE STARTED		11/17/94		DATE FINISHED : 11/18/04		NO. OF DAYS : 2				
PUMP USED : Submersible pump 5" diameter X 5 stages X 60 hp X 440 V										
PUMP SETTING		54 mbgl		CASING DIAMETER : 250 mm		MEASURING PT. : 0.6 magl				
Date	Hour	Time After Start/Stop of Pump		Water Level Below G.L. (m)	Drawdown (m)	Discharge Q (L/m)	Remarks			
		Hour	Minute				Ec	Deg.		
11/15/94	11:30	:	0	6.25	0.00					
		:	0.5	--	--					
		:	1	--	--					
		:	1.5	--	--					
		:	2	--	--					
		:	2.5	--	--					
		:	3	--	--					
		:	3.5			9.68	3.40			
		:	4			10.66	4.38			
		:	4.5			12.15	5.87			
		:	5			14.04	7.76			
		:	6			32.41	26.13			
		:	7			33.74	27.46			
		:	8			34.07	27.79			
		:	9			34.32	28.04			
		:	10			34.66	28.38	2137	0.535	31.3
		:	12			34.77	28.49			
		:	14			35.13	28.85			
		:	16			35.96	29.70			
		:	18			36.32	30.04			
		:	20			36.45	30.17	2214	0.515	31.0
		:	22			36.64	30.36			
		:	25			36.79	30.51			
		:	30			37.04	30.76			
		:	35			37.25	30.97			
		:	40			37.45	31.17	2186	0.530	31.0
		:	50			37.77	31.49			
			12:30	1	0	38.07	31.79			
				:	10	38.25	31.97			
				:	20	36.40	32.12			
		:	30	38.58	32.30					
		:	20	38.73	32.45					
	13:30	2	22	39.05	32.77	2266	0.457	30.9		
		:	25	39.20	32.92	2266	0.540	30.3		
		:	30	39.39	33.11					
	14:30	3	35	39.55	33.27		0.535	30.7		
		:	40	39.89	33.61	2308				
		:	50	39.83	33.55					
	15:30	4	40	39.96	33.68	2231	0.537	30.5		
		:	50	40.09	33.81					
		:	40	40.19	33.91					

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
JAPAN INTERNATIONAL COOPERATION AGENCY

PUMPING TEST DATA SHEET

LOCATION		BGY. SAN ROQUE, NAIC, CAVITE		PUMPING WELL NO. : C				
TYPE OF TEST		CONSTANT DISCHARGE TEST		Page 2 of 3				
DATE STARTED		11/17/94		DATE FINISHED : 11/18/94				
PUMP USED		Submersible pump 5' diameter X 5 stages X 60 hp X 440 V				NO. OF DAYS : 2		
PUMP SETTING		54 mbgl		CASING DIAMETER : 250 mm		MEASURING PT. : 0.6 magl		
Date	Hour	Time After Start/Stop of Pump		Water Level Below G.L. (m)	Drawdown (m)	Discharge Q (L/m)	Remarks	
		Hour	Minute				Ec	Deg.
11/15/94	16:30	5	0	40.33	34.05	2296	0.470	30.8
			20	40.43	34.15			
			40	40.51	34.23			
	17:30	6	0	40.61	34.33	2417	0.530	30.3
			30	40.76	34.48			
	18:30	7	0	40.36	34.08	2138	0.521	30.7
			30	41.05	34.77			
	19:30	8	0	41.10	34.82	2277	0.535	30.6
			30	41.21	34.93			
	20:30	9	0	41.28	35.00	2237	0.534	30.5
			30	41.37	35.09			
	21:30	10	0	41.45	35.17	2248	0.511	30.9
		30	41.53	35.25				
22:30	11	0	41.61	35.33	2272	0.511	30.4	
		30	41.65	35.37				
23:30	12	0	41.71	35.43	2410	0.532	30.7	
		30	41.84	35.56				
11/18/94	24:00	13	0	41.87	35.59	2186	0.528	30.6
			30	41.93	35.65			
	1:00	14	0	42.03	35.75	2283	0.539	29.9
			30	--	--			
	2:00	15	0	42.07	35.79	2283	0.536	30.2
			30	--	--			
	3:00	16	0	42.14	35.86	2272	0.521	30.1
			30	--	--			
	4:00	17	0	42.22	35.94	2231	0.529	30.9
			30	--	--			
	5:00	18	0	42.29	36.01	2248	0.511	30.4
			30	--	--			
6:00	19	0	42.35	36.07	2277	0.505	29.9	
		30	42.38	36.10				
7:00	20	0	--	--	2208	0.534	30.2	
		30	42.42	36.14				
8:00	21	0	--	--	2160	0.535	30.3	
		30	42.46	36.18				
9:00	22	0	--	--	2143	0.540	29.4	
		30	42.50	36.22				
10:00	23	30	42.54	36.26	2339	0.537	30.2	
		30	42.66	36.38				
12:00	24	30	42.65	36.37	2423	0.536	30.3	
		30	42.68	36.40				
14:00	25	30	42.65	36.37	2423	0.537	30.2	
		30	42.68	36.40				

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY

PUMPING TEST DATA SHEET

LOCATION		BGY. SAN ROQUE, NAIC, CAVITE			PUMPING WELL NO. : C		
TYPE OF TEST		RECOVERY TEST			Page 1 of 2		
DATE STARTED		11/18/94	DATE FINISHED		11/19/94		
					NO. OF DAYS : 2		
Date	Hour	Time After Start/Stop of Pump		Water Level Below G.L. (m)	Recovery (m)	Discharge Q (L/m)	Remarks
		Hour	Minute				
11/18/94	18:30		0	42.79	36.51		
			0.5	41.70	35.42		
			1	37.50	31.22		
			1.5	34.62	28.34		
			2	30.72	24.44		
			2.5	21.17	14.89		
			3	25.68	19.40		
			3.5	23.16	16.88		
			4	22.10	15.82		
			4.5	21.03	14.75		
			5	20.07	13.79		
			6	19.23	12.95		
			7	18.43	12.15		
			8	17.80	11.52		
			9	17.10	10.82		
			10	16.60	10.32		
			12	16.07	9.79		
			14	15.41	9.13		
			16	14.80	8.52		
			18	14.49	8.21		
	20	14.43	8.15				
	22	14.18	7.90				
	25	14.07	7.79				
	30	13.66	7.38				
	35	13.65	7.37				
	40	13.23	6.95				
	50	12.96	6.68				
	1	0	12.75	6.47			
		10	12.57	6.29			
		20	12.36	6.08			
		30	12.18	5.90			
		40	12.00	5.72			
	20:30	2	0	11.80	5.52		
			20	11.60	5.32		
			40	11.43	5.15		
	21:30	3	0	11.24	4.96		
			20	11.12	4.84		
			40	10.95	4.67		
	22:30	4	0	10.84	4.56		
			20	10.70	4.42		
			40	10.60	4.32		
	23:30	5	0	10.53	4.25		
			20	10.43	4.15		

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY

PUMPING TEST DATA SHEET

LOCATION		BGY. SAN ROQUE, NAIC, CAVITE		PUMPING WELL NO. : C			
TYPE OF TEST		RECOVERY TEST		Page 2 of 2			
DATE STARTED		11/18/94		DATE FINISHED : 11/19/94			
				NO. OF DAYS : 2			
Date	Hour	Time After Start/Stop of Pump		Water Level Below G.L. (m)	Recovery (m)	Discharge Q (L/m)	Remarks
		Hour	Minute				
11/18/94			40	10.32	4.04		
	0.30	6	0	10.19	3.91		
			30	10.11	3.83		
	1.30	7	0	9.95	3.67		
			30	9.87	3.59		
	2.30	8	0	9.77	3.49		
			30	9.68	3.40		
	3.30	9	0	9.61	3.33		
			30	9.55	3.27		
	4.30	10	0	9.49	3.21		
			30	9.41	3.13		
	5.30	11	0	9.38	3.10		
			30	9.30	3.02		
	6.30	12	0	9.26	2.98		
			30	9.20	2.92		
	7.30	13	0	9.15	2.87		
			30	9.11	2.83		
	8.30	14	0	9.08	2.80		
			30	9.03	2.75		
	9.30	15	0	8.98	2.70		
			30	8.92	2.64		
	10.30	16	0	8.87	2.59		
	11:00		30	8.83	2.55		

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY
 PUMPING TEST DATA SHEET

LOCATION : Bgy. Galicia, Mendez, Cavite							
TYPE OF TEST : STEP DRAWDOWN NO. 1 of 4							
DATE STARTED : 12/13/94							
PUMP SETTING : 50 mbgl							
Date	Hour	Time After Start of Pump		Water Level Below G.L. (m)	Drawdown (m)	Discharge Q (L/m)	Remarks
		Hour	Minute				
11/30/94	9:00	:	0	112.19	0.00	--	
	9:01	:	1	0.00	--	--	
	9:02	:	2	120.91	8.72	--	
	9:03	:	3	117.37	5.18	--	
	9:04	:	4	116.79	4.60	--	
	9:05	:	5	116.56	4.37	138.3	
	9:06	:	6	116.97	4.78	--	
	9:07	:	7	117.02	4.83	128.6	
	9:08	:	8	117.15	4.96	176.1	
	9:09	:	9	117.38	5.19	147.8	
	9:10	:	10	117.45	5.26	144.5	
	9:12	:	12	117.24	5.05	173.8	
	9:14	:	14	117.59	5.40	154.9	
	9:16	:	16	117.49	5.30	154.9	
	9:18	:	18	117.42	5.23	154.9	
	9:20	:	20	117.40	5.21	154.9	
	9:22	:	22	117.45	5.26	153.1	
	9:25	:	25	117.42	5.23	153.1	
	9:30	:	30	117.39	5.20	149.5	
	9:35	:	35	117.39	5.20	151.3	
	9:40	:	40	117.37	5.18	147.8	
	9:50	:	50	117.48	5.29	146.1	
	10:00	1	0	117.52	5.33	144.5	
	10:10	:	10	117.48	5.29	152.9	
	10:20	:	20	117.43	5.24	141.3	
	10:30	:	30	117.45	5.26	142.9	
	10:40	:	40	117.45	5.26	142.9	
	10:50	:	50	117.48	5.29	142.9	
	11:00	2	0	117.45	5.26	142.9	
					Qave=	150.1	

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY
 PUMPING TEST DATA SHEET

LOCATION : Bgy. Galicia, Mendez, Cavite							
TYPE OF TEST : STEP DRAWDOWN NO. 2 of 4							
DATE STARTED : 12/13/94							
PUMP SETTING : 50 mbgl							
Date	Hour	Time After Start of Pump		Water Level Below G.L. (m)	Drawdown (m)	Discharge Q (L/m)	Remarks
		Hour	Minute				
11/30/94	11:00		0	117.45	5.26	--	
	11:01		1	119.70	7.51	285.7	
	11:02		2	118.92	6.73	238.1	
	11:03		3	118.69	6.50	221.7	
	11:04		4	118.39	6.20	320.8	
	11:05		5	118.24	6.05	204.1	
	11:06		6	118.25	6.06	200.9	
	11:07		7	118.25	6.06	200.9	
	11:08		8	118.29	6.10	197.8	
	11:09		9	118.29	6.10	197.8	
	11:10		10	118.34	6.15	200.9	
	11:12		12	118.38	6.19	200.9	
	11:14		14	118.45	6.26	204.1	
	11:16		16	118.39	6.20	200.9	
	11:18		18	118.34	6.15	200.9	
	11:20		20	118.35	6.16	194.8	
	11:22		22	118.35	6.16	191.9	
	11:25		25	118.36	6.17	194.8	
	11:30		30	118.38	6.19	194.8	
	11:35		35	188.49	76.30	197.8	
	11:40		40	118.66	6.47	200.9	
	11:50		50	118.67	6.48	200.9	
	12:00	1	0	118.56	6.37	197.8	
	12:10		10	118.57	6.38	194.8	
	12:20		20	118.64	6.45	197.8	
	12:30		30	118.65	6.46	197.8	
	12:40		40	118.68	6.49	194.8	
	12:50		50	118.66	6.47	194.8	
	13:00	2	0	118.82	6.63	194.8	
					Qave=	197.9	

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY
 PUMPING TEST DATA SHEET

LOCATION : Bgy. Galicia, Mendez, Cavite							
TYPE OF TEST : STEP DRAWDOWN NO. 3 of 4							
DATE STARTED : 12/13/94							
PUMP SETTING : 50 mbgl							
Date	Hour	Time After Start of Pump		Water Level Below G.L. (m)	Drawdown (m)	Discharge Q (L/m)	Remarks
		Hour	Minute				
11/30/94	13:00	:	0	118.82	6.63	--	
	13:01	:	1	119.89	7.70	273.6	
	13:02	:	2	119.96	7.77	273.6	
	13:03	:	3	119.60	7.41	252.1	
	13:04	:	4	119.77	7.58	252.1	
	13:05	:	5	119.67	7.48	252.1	
	13:06	:	6	119.77	7.58	252.1	
	13:07	:	7	119.77	7.58	252.1	
	13:08	:	8	119.76	7.57	247.3	
	13:09	:	9	119.69	7.50	247.3	
	13:10	:	10	119.64	7.45	247.3	
	13:12	:	12	119.72	7.53	252.1	
	13:14	:	14	119.75	7.56	252.1	
	13:16	:	16	119.74	7.55	247.3	
	13:18	:	18	119.79	7.60	242.6	
	13:20	:	20	119.76	7.57	242.6	
	13:22	:	22	119.67	7.48	242.6	
	13:25	:	25	119.58	7.39	238.1	
	13:30	:	30	119.60	7.41	247.3	
	13:35	:	35	119.64	7.45	247.3	
	13:40	:	40	119.70	7.51	247.3	
	13:50	:	50	119.82	7.63	252.1	
	14:00	1	0	119.73	7.54	247.3	
	14:10	:	10	119.82	7.63	242.6	
	14:20	:	20	119.99	7.80	238.1	
	14:30	:	30	120.02	7.83	247.3	
	14:40	:	40	119.96	7.77	247.3	
	14:50	:	50	120.00	7.81	247.3	
	15:00	2	0	120.00	7.81	247.3	
					Qave=	246.5	

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY
 PUMPING TEST DATA SHEET

LOCATION : Bgy. Galicia, Mendez, Cavite							
TYPE OF TEST : STEP DRAWDOWN NO. 4 of 4							
DATE STARTED : 12/13/94							
PUMP SETTING : 50 mbgl							
Date	Hour	Time After Start of Pump		Water Level Below G.L. (m)	Drawdown (m)	Discharge Q (L/m)	Remarks
		Hour	Minute				
11/30/94	15:00	:	0	120.00	7.81	--	
	15:01	:	1	123.44	11.25	494.5	
	15:02	:	2	124.30	12.11	494.5	
	15:03	:	3	124.35	12.16	514.3	
	15:04	:	4	124.40	12.21	514.3	
	15:05	:	5	124.55	12.36	514.3	
	15:06	:	6	124.57	12.38	514.3	
	15:07	:	7	124.60	12.41	494.5	
	15:08	:	8	124.53	12.34	494.5	
	15:09	:	9	124.41	12.22	514.3	
	15:10	:	10	124.46	12.27	514.3	
	15:12	:	12	122.90	10.71	514.3	
	15:14	:	14	123.02	10.83	514.3	
	15:16	:	16	123.17	10.98	494.5	
	15:18	:	18	123.46	11.27	494.5	
	15:20	:	20	123.53	11.34	494.5	
	15:22	:	22	123.64	11.45	514.3	
	15:25	:	25	123.58	11.39	494.5	
	15:30	:	30	124.33	12.14	494.5	
	15:35	:	35	124.38	12.19	494.5	
	15:40	:	40	123.28	11.09	494.5	
	15:50	:	50	124.32	12.13	494.5	
	16:00	1	0	124.35	12.16	494.5	
	16:10	:	10	124.42	12.23	494.5	
	16:20	:	20	124.47	12.28	494.5	
	16:30	:	30	124.51	12.32	494.5	
	16:40	:	40	124.83	12.64	476.2	
	16:50	:	50	124.56	12.37	494.5	
	17:00	2	0	124.83	12.64	476.2	
					Qave=	497.3	

**CAVITE WATER SUPPLY DEVELOPMENT PROJECT
JAPAN INTERNATIONAL COOPERATION AGENCY**

PUMPING TEST DATA SHEET

LOCATION : BGY. GALICIA, MENDEZ, CAVITE				PUMPING WELL NO. : D				
TYPE OF TEST : CONSTANT DISCHARGE TEST				Page 1 of 3				
DATE STARTED : 12/14/94		DATE FINISHED : 12/16/94		NO. OF DAYS : 2				
PUMP USED : Submersible 20 stages X 30 hp X 440 V								
PUMP SETTING : 50 mbgl		CASING DIAMETER : 200 mm x 150 mm						
Date	Hour	Time After Start/Stop of Pump		Water Level Below G.L. (m)	Drawdown (m)	Discharge Q (L/m)	Remarks	
		Hour	Minute				Ec	Deg.
12/13/94	8:30	:	0	112.19	0.00			
		:	0.5	--	--			
		:	1	117.35	5.16			
		:	1.5	--	--			
		:	2	118.40	6.21			
		:	2.5	--	--			
		:	3	118.53	6.34	514		
		:	3.5	--	--			
		:	4	118.87	6.68	495		
		:	4.5	--	--			
		:	5	119.00	6.81	495		
		:	6	119.15	6.96	495		
		:	7	119.19	7.00	495		
		:	8	119.26	7.07	495		
		:	9	119.33	7.14	495		
		:	10	119.38	7.19	495		
		:	12	119.46	7.27	495		
		:	14	119.54	7.35	495		
		:	16	119.61	7.42	495		
		:	18	119.73	7.54	495		
:	20	119.77	7.58	495				
:	22	119.82	7.63	495				
:	25	119.88	7.69	495				
:	30	119.95	7.76	495				
:	35	120.02	7.83	495				
:	40	120.12	7.93	495				
:	50	120.17	7.98	495				
	9:30	1 :	0	120.27	8.08	495	305	24.5
		:	10	120.35	8.16	495		
		:	20	120.38	8.19	495		
		:	30	120.45	8.26	495	296	24.5
		:	40	120.50	8.31	495		
	10:30	2 :	0	120.57	8.38	495	292	24.4
		:	20	120.69	8.50	495		
		:	40	120.74	8.55	495		
	11:30	3 :	0	120.78	8.59	495	289	24.4
		:	20	120.88	8.69	495		
		:	40	120.91	8.72	495		
	12:30	4 :	0	120.99	8.80	495	291	24.4
		:	20	121.11	8.92	514		
		:	40	121.16	8.97	495		

CAVITE WATER SUPPLY DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY

PUMPING TEST DATA SHEET

LOCATION : BGY. GALICIA, MENDEZ, CAVITE			PUMPING WELL NO. : D					
TYPE OF TEST : CONSTANT DISCHARGE TEST			Page 2 of 3					
DATE STARTED : 12/14/94		DATE FINISHED : 12/16/94		NO. OF DAYS : 3				
PUMP USED : Submersible 20 stages X 30 hp X 440 V								
PUMP SETTING : 50 mbgl		CASING DIAMETER : 200 mm x 150 mm						
Date	Hour	Time After Start/Stop of Pump		Water Level Below G.L. (m)	Drawdown (m)	Discharge Q (L/m)	Remarks	
		Hour	Minute				Ec	Deg.
12/14/94	13:30	5	0	121.15	8.96	495	284	24.0
			20	121.23	9.04	495		
			40	121.30	9.11	495		
	14:30	6	0	121.28	9.09	495	283	24.5
			30	121.33	9.14	514		
	15:30	7	0	121.37	9.18	495	281	24.1
			30	121.37	9.18	514		
	16:30	8	0	121.39	9.20	514	283	23.7
			30	121.48	9.29	514		
	17:30	9	0	121.46	9.27	495	281	23.8
			30	121.47	9.28	495		
	18:30	10	0	121.50	9.31	514	280	23.6
			30	121.54	9.35	514		
	19:30	11	0	121.43	9.24	495		
			30	121.45	9.26	495		
20:30	12	0	121.48	9.29	495	276	23.9	
		30	121.45	9.26	495			
21:30	13	0	121.46	9.27	495			
		30	121.53	9.34	495			
22:30	14	0	121.56	9.37	495			
		30	121.58	9.39	495			
23:30	15	0	121.57	9.38	495			
		30	121.63	9.44	495			
12/15/94	00:30	16	0	121.57	9.38	495	279	23.5
			30	121.54	9.35	495		
	1:30	17	0	121.53	9.34	495		
			30	121.57	9.38	495		
	2:30	18	0	121.61	9.42	495		
			30	121.68	9.49	495		
	3:30	19	0	121.73	9.54	495		
			30	121.74	9.55	495		
	4:30	20	0	121.77	9.58	495		
			30	121.85	9.66	495		
	5:30	21	0	121.87	9.68	495		
			30	121.90	9.71	495		
	6:30	22	0	121.95	9.76	495		
			30	121.96	9.77	495		
	7:30	23	0	121.98	9.79	495		
		30	122.04	9.85	495	279	24.4	
9:30	25	0	122.01	9.82	495			
		30	122.16	9.97	495			

**CAVITE WATER SUPPLY DEVELOPMENT PROJECT
JAPAN INTERNATIONAL COOPERATION AGENCY**

PUMPING TEST DATA SHEET

LOCATION : BGY. GALICIA, MENDEZ, CAVITE		PUMPING WELL NO. : D						
TYPE OF TEST : CONSTANT DISCHARGE TEST		Page 3 of 3						
DATE STARTED : 12/14/94	DATE FINISHED : 12/16/94	NO. OF DAYS : 3						
PUMP USED : Submersible 20 stages X 30 hp X 440 V								
PUMP SETTING : 50 mbgl		CASING DIAMETER : 200 mm x 150 mm						
Date	Hour	Time After Start/Stop of Pump		Water Level Below G.L. (m)	Drawdown (m)	Discharge Q (L/m)	Remarks	
		Hour	Minute				Ec	Deg.
12/15/94	11:30	29	0	122.21	10.02	495		
	12:30	30	0	122.22	10.03	495		
	13:30	31	0	122.23	10.04	495		
	14:30	32	0	122.32	10.13	495		
	15:30	33	0	122.47	10.28	495		
	16:30	34	0	122.55	10.36	495		
	17:30	35	0	122.51	10.32	495		
	18:30	36	0	122.56	10.37	495	272	24.3
	19:30	37	0	122.59	10.40	495		
	20:30	38	0	122.63	10.44	495		
	21:30	39	0	122.74	10.55	495		
	22:30	40	0	122.66	10.47	495		
	23:30	41	0	122.67	10.48	495		
	24:30	42	0	122.64	10.45	495		
	25:30	43	0	122.72	10.53	495		
	26:30	44	0	122.72	10.53	495		
	27:30	45	0	122.83	10.64	495		
	28:30	46	0	122.87	10.68	495		
	29:30	47	0	122.89	10.70	495		
	30:30	48	0	122.85	10.66	495	272	24.5
					Ave. Q =	496		

**CAVITE WATER SUPPLY DEVELOPMENT PROJECT
JAPAN INTERNATIONAL COOPERATION AGENCY**

PUMPING TEST DATA SHEET

LOCATION : BGY. GALICIA, MENDEZ, CAVITE				PUMPING WELL NO. : D			
TYPE OF TEST : RECOVERY TEST				Page 1 of 1			
DATE STARTED : 12/16/94		DATE FINISHED : 12/16/94		NO. OF DAYS : 1			
Date	Hour	Time After Start/Stop of Pump		Water Level Below G.L. (m)	Recovery (m)	Discharge Q (L/m)	Remarks
		Hour	Minute				
12/16/94	8:30		0	122.85	10.66		
			0.5	--	--		
			1	118.34	6.15		
			1.5	--	--		
			2	117.80	5.61		
			2.5	--	--		
			3	116.51	4.32		
			3.5	--	--		
			4	115.95	3.76		
			4.5	--	--		
			5	115.54	3.35		
			6	115.50	3.31		
			7	115.47	3.28		
			8	115.48	3.29		
			9	115.40	3.21		
			10	115.35	3.16		
			12	115.28	3.09		
			14	115.22	3.03		
			16	115.16	2.97		
			18	115.10	2.91		
			20	115.05	2.86		
			22	115.01	2.82		
			25	114.96	2.77		
			30	114.89	2.70		
			35	114.81	2.62		
			40	114.77	2.58		
			50	114.72	2.53		
		1	0	114.59	2.40		
			10	114.55	2.36		
			20	114.50	2.31		
			30	114.44	2.25		
			40	114.38	2.19		
	9:30	2	0	114.36	2.17		
			20	114.30	2.11		
			40	114.29	2.10		
	10:30	3	0	114.26	2.07		
			30	114.24	2.05		
	11:30	4	0	114.18	1.99		
	12:30	5	0	114.16	1.97		
	13:30	6	0	114.14	1.95		
	14:30	7	0	114.05	1.86		
	15:30	8	0	114.03	1.84		