

Data

**Collected Monthly Mean Rainfall Data of 14
Stations**

Monthly Rainfall in Dili

Station: Lat. 8 ° 35'S Long. 125 ° 35'E Elevation: 4.15 m

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Max.	Min.
1 1952	189.2	163.0	301.4	60.0	18.5	0.0	1.5	0.8	39.8	25.4	154.7	124.1	1,078.4	301.4	0.0
2 1953	124.0	80.6	181.2	264.0	16.0	10.7	2.2	2.5	23.6	0.0	70.3	137.3	912.4	264.0	0.0
3 1954	121.9	81.2	93.2	207.8	150.0	36.6	1.5	27.1	21.2	81.0	99.3	326.8	1,247.6	326.8	1.5
4 1955	103.4	174.5	33.4	57.5	100.3	91.4	126.3	20.5	0.6	16.7	296.8	104.5	1,125.9	296.8	0.6
5 1956	142.8	20.4	13.6	140.9	41.4	339.9	37.5	74.7	50.9	26.4	100.8	226.2	1,215.5	339.9	13.6
6 1957	55.1	170.0	116.1	50.3	20.6	96.6	179.3	0.0	0.0	0.0	15.6	188.4	892.0	188.4	0.0
7 1958	96.1	299.6	151.2	48.4	39.2	51.8	55.8	54.2	16.0	2.9	60.7	132.1	1,008.0	299.6	2.9
8 1959	228.9	166.8	60.6	45.6	34.3	80.6	4.9	0.0	0.0	24.9	32.7	91.1	770.4	228.9	0.0
9 1960	273.8	158.7	222.9	112.0	37.4	0.0	21.6	4.9	0.0	28.2	79.2	147.2	1,085.9	273.8	0.0
10 1961	278.1	198.0	94.6	66.3	17.6	0.0	32.9	1.0	1.9	19.0	10.4	74.9	794.7	278.1	0.0
11 1962	163.7	94.4	97.4	65.6	82.1	84.3	0.0	65.5	6.3	20.1	75.0	171.8	926.2	171.8	0.0
12 1963	155.6	63.0	267.0	101.5	141.8	1.7	0.0	0.0	0.0	0.0	0.0	130.3	860.9	267.0	0.0
13 1964	111.3	45.5	135.0	87.7	180.6	7.6	3.0	1.7	15.3	60.5	139.3	49.8	837.3	180.6	1.7
14 1965	60.0	197.8	117.2	13.3	16.0	9.7	3.9	1.0	0.0	16.7	13.1	24.9	473.6	197.8	0.0
15 1966	119.7	243.9	287.8	16.2	57.9	19.5	0.0	24.3	0.0	37.8	107.9	147.9	1,062.9	287.8	0.0
16 1967	114.4	72.0	132.5	32.1	45.7	0.0	1.0	0.0	4.2	8.5	36.1	32.5	479.0	132.5	0.0
17 1968	92.4	128.4	103.3	89.7	198.1	235.7	87.2	1.5	0.0	0.0	9.5	190.0	1,135.8	235.7	0.0
18 1969	116.4	106.8	58.4	26.2	55.2	14.2	3.7	3.5	8.2	26.3	0.0	156.9	575.8	156.9	0.0
19 1970	108.8	132.2	123.4	113.8	103.7	23.8	5.9	0.0	8.3	85.4	55.1	98.5	858.9	132.2	0.0
20 1971	98.8	39.6	116.1	58.9	132.7	15.8	41.2	2.9	23.3	28.1	109.5	229.5	896.4	229.5	2.9
21 1972	59.6	80.2	179.1	43.2	25.1	0.0	0.0	15.6	0.0	0.0	13.5	164.0	580.3	179.1	0.0
22 1973	263.0	327.3	267.1	159.4	177.1	14.0	6.7	9.9	6.5	1.2	87.4	176.1	1,495.7	327.3	1.2
23 1974	132.6	94.1	97.4	58.0	71.1	57.1	12.9	44.0	36.8	47.3	96.9	109.5	857.7	132.6	12.9
Average	139.5	136.4	141.3	83.4	76.6	51.8	27.3	15.5	11.4	24.2	72.3	140.6	920.5	236.0	1.6
Max.	278.1	327.3	301.4	264.0	198.1	339.9	179.3	74.7	50.9	85.4	296.8	326.8	1,495.7	339.9	13.6
Min.	55.1	20.4	13.6	13.3	16.0	0.0	0.0	0.0	0.0	0.0	0.0	24.9	473.6	132.2	0.0

Monthly Rainfall in Gleno

Station: Lat. 8 ° 43'S Elevation: 770 m
 Gleno Long. 125 ° 27'E

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Max.	Min.
1 1952	189.4	163.4	300.5	59.8	18.9	0.0	1.6	0.9	39.6	25.6	156.5	125.9	1,082.1	300.5	0.0
2 1953	247.8	167.3	352.7	232.9	15.1	24.4	4.1	15.9	21.5	4.7	61.1	147.9	1,295.4	352.7	4.1
3 1954	156.9	146.3	128.1	267.3	128.8	25.3	1.6	20.2	25.5	51.5	141.5	436.2	1,529.2	436.2	1.6
4 1955	134.3	313.5	44.1	85.1	110.5	103.8	88.9	12.4	2.2	40.8	410.3	145.3	1,491.2	410.3	2.2
5 1956	250.5	62.1	47.2	146.2	89.0	269.1	101.7	120.6	32.4	148.6	127.0	263.7	1,658.1	269.1	32.4
6 1957	178.9	329.8	144.1	74.8	24.2	86.5	83.0	0.0	0.0	9.2	157.4	485.5	1,573.4	485.5	0.0
7 1958	189.6	382.4	331.6	74.8	59.3	49.6	64.2	52.1	5.5	58.9	93.1	245.3	1,606.4	382.4	5.5
8 1959	242.8	322.0	155.4	82.6	100.9	86.0	24.2	0.0	0.0	6.0	151.8	429.2	1,600.9	429.2	0.0
9 1960	371.6	314.7	309.4	151.1	115.5	2.9	5.8	22.1	12.7	33.5	211.4	238.7	1,789.4	371.6	2.9
10 1961	302.5	395.4	131.9	50.6	39.2	9.3	13.9	0.0	10.1	31.7	155.5	236.4	1,376.5	395.4	0.0
11 1962	275.2	199.8	145.3	162.9	44.5	129.2	34.9	32.2	14.7	50.2	163.6	281.2	1,533.7	281.2	14.7
12 1963	267.0	250.3	343.2	277.2	86.1	2.1	0.0	0.0	6.7	0.0	12.3	298.6	1,543.5	343.2	0.0
13 1964	177.2	124.6	198.1	93.9	200.6	33.1	1.7	6.9	65.7	82.5	204.7	90.6	1,279.6	204.7	1.7
14 1965	161.9	172.1	170.1	37.0	27.5	43.4	17.8	0.0	0.0	16.9	37.6	94.0	778.3	172.1	0.0
15 1966	202.6	486.3	269.2	38.5	69.5	22.2	0.0	8.8	22.7	54.0	179.4	306.8	1,660.0	486.3	0.0
16 1967	243.9	206.2	338.4	56.4	33.6	1.1	1.5	0.0	1.6	26.9	60.7	329.9	1,300.2	338.4	0.0
17 1968	399.5	345.0	217.7	183.2	296.8	172.8	123.8	14.0	11.0	110.3	82.0	478.8	2,434.9	478.8	11.0
18 1969	380.5	189.8	326.8	79.8	53.2	12.4	1.0	1.6	36.2	101.2	35.2	385.8	1,603.5	385.8	1.0
19 1970	336.8	278.8	291.6	232.8	148.0	31.2	4.0	0.0	13.2	191.6	326.6	85.8	1,940.4	336.8	0.0
20 1971	200.0	193.6	252.2	157.6	121.4	51.2	49.6	29.0	24.2	66.6	222.8	162.0	1,530.2	252.2	24.2
21 1972	237.7	231.0	191.7	53.0	43.4	13.8	0.0	9.8	0.0	0.0	88.6	207.9	1,076.9	237.7	0.0
22 1973	445.4	228.4	307.5	244.8	115.6	23.4	0.0	22.3	23.2	67.8	150.8	256.6	1,885.8	445.4	0.0
23 1974	281.0	73.6	284.4	190.0	168.4	24.8	16.4	105.0	32.4	106.7	387.6	216.4	1,886.7	387.6	16.4
Average	255.3	242.5	229.6	131.8	91.7	52.9	27.8	20.6	17.4	55.9	157.3	258.6	1,541.6	355.8	5.1
Max.	445.4	486.3	352.7	277.2	296.8	269.1	123.8	120.6	65.7	191.6	410.3	485.5	2,434.9	486.3	32.4
Min.	134.3	62.1	44.1	37.0	15.1	0.0	0.0	0.0	0.0	0.0	12.3	85.8	778.3	172.1	0.0

Monthly Rainfall in Aileu

Station: Aileu Lat. 8 ° 44'S Long. 125 ° 34'E Elevation: 930 m

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Max.	Min.
1 1952	189.5	163.5	300.4	59.8	19.0	0.0	1.6	1.0	39.6	25.7	156.8	126.1	1,083.0	300.4	0.0
2 1953	266.8	180.6	379.2	228.1	14.9	26.5	4.4	18.0	21.2	5.4	59.7	149.5	1,354.3	379.2	4.4
3 1954	162.3	156.3	133.5	276.4	125.5	23.5	1.6	19.2	26.2	47.0	148.0	453.1	1,572.6	453.1	1.6
4 1955	139.0	335.0	45.7	89.3	112.1	105.7	36.8	11.1	0.0	44.5	427.7	159.1	1,506.0	427.7	0.0
5 1956	297.7	68.6	52.3	147.0	104.8	243.9	145.6	140.5	31.1	127.6	131.0	268.2	1,758.3	297.7	31.1
6 1957	244.9	271.3	100.7	67.6	17.5	38.0	33.4	0.0	0.0	0.0	251.4	692.4	1,717.2	692.4	0.0
7 1958	183.3	312.5	359.0	109.5	2.0	36.0	29.6	26.8	4.5	117.2	112.7	255.2	1,548.3	359.0	2.0
8 1959	230.8	314.8	199.4	107.7	82.2	38.0	33.4	0.0	0.0	0.0	251.4	692.4	1,950.1	692.4	0.0
9 1960	340.7	327.5	231.3	177.6	135.5	6.2	0.0	22.0	18.7	31.4	290.8	268.2	1,849.9	340.7	0.0
10 1961	262.7	460.7	103.5	20.8	53.2	16.0	16.0	0.0	1.1	38.3	255.8	331.0	1,559.1	460.7	0.0
11 1962	261.9	212.5	164.9	134.5	4.9	116.0	7.6	0.0	24.9	91.0	243.8	342.4	1,604.4	342.4	0.0
12 1963	286.0	344.6	212.5	270.6	69.8	2.5	0.0	0.0	14.2	0.0	22.9	383.1	1,606.2	383.1	0.0
13 1964	184.4	72.7	98.2	113.3	177.9	25.8	0.0	13.7	109.1	61.3	146.1	83.7	1,086.2	184.4	0.0
14 1965	165.0	140.6	192.6	52.9	38.2	66.0	30.2	0.0	0.0	7.7	26.9	113.3	833.4	192.6	0.0
15 1966	126.5	481.5	186.9	1.3	65.1	20.3	0.0	0.0	46.4	59.0	182.1	348.2	1,517.3	481.5	0.0
16 1967	299.5	139.4	182.8	20.7	11.8	1.6	0.8	0.0	0.0	40.6	61.0	456.2	1,214.4	456.2	0.0
17 1968	232.6	139.1	89.3	43.1	183.3	14.5	0.0	0.0	23.0	41.0	70.9	256.3	1,093.1	256.3	0.0
18 1969	152.5	44.9	54.8	11.1	0.4	26.2	0.0	0.0	16.0	145.1	360.0	137.3	948.3	360.0	0.0
19 1970	691.2	258.4	376.2	134.9	113.3	41.1	0.0	0.0	22.5	58.9	326.3	88.3	2,111.1	691.2	0.0
20 1971	283.2	64.4	227.2	114.7	44.1	32.4	37.5	10.0	136.5	623.7	653.7	881.8	3,109.2	881.8	10.0
21 1972	531.8	263.5	14.7	14.7	66.7	0.0	3.4	0.0	0.0	0.0	38.0	387.6	1,320.4	531.8	0.0
22 1973	467.7	420.7	370.8	127.5	81.6	12.9	8.3	3.7	12.9	68.2	180.5	289.5	2,044.3	467.7	3.7
23 1974	231.4	172.7	124.0	181.0	192.9	22.6	21.5	85.8	0.0	187.7	385.9	385.9	1,991.4	385.9	0.0
Average	270.9	232.4	182.6	108.9	74.6	39.8	17.9	15.3	23.8	79.2	208.0	328.2	1,581.7	435.6	2.3
Max.	691.2	481.5	379.2	276.4	192.9	243.9	145.6	140.5	136.5	623.7	653.7	881.8	3,109.2	881.8	31.1
Min.	126.5	44.9	14.7	1.3	0.4	0.0	0.0	0.0	0.0	0.0	22.9	83.7	833.4	184.4	0.0

Monthly Rainfall in Dare

Station: Lat. 8 ° 36'S Elevation: 489 m
Dare Long. 125 ° 34'E

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Max.	Min.
1	1952	189.6	163.7	300.0	59.7	19.1	0.0	1.6	1.0	39.5	25.8	157.5	1,084.4	300.0	0.0
2	1953	320.9	218.5	454.1	214.5	14.5	32.5	5.2	23.8	20.3	7.5	55.7	1,521.6	454.1	5.2
3	1954	177.6	184.8	148.7	302.4	116.2	18.6	1.6	16.2	28.1	34.1	166.4	1,695.6	500.9	1.6
4	1955	152.5	395.7	50.4	101.4	116.5	111.1	143.1	7.6	7.0	55.0	477.3	1,774.7	477.3	7.0
5	1956	263.7	86.8	67.0	149.3	61.0	315.8	83.6	107.5	29.3	50.9	142.5	1,625.6	315.8	29.3
6	1957	109.7	388.2	167.0	109.6	31.0	134.7	98.8	0.0	0.0	38.8	94.8	1,466.6	388.2	0.0
7	1958	264.2	342.6	320.8	41.7	97.0	82.3	111.0	36.0	2.5	7.6	74.7	1,664.2	342.6	2.5
8	1959	291.6	478.6	161.3	88.5	114.4	184.0	14.5	1.0	0.0	3.0	89.8	1,673.2	478.6	0.0
9	1960	466.5	399.7	464.5	101.6	78.0	0.0	7.0	29.9	15.4	42.9	135.9	1,980.3	466.5	0.0
10	1961	408.2	384.9	199.1	88.5	40.0	0.0	2.0	2.0	13.2	24.7	60.0	1,399.9	408.2	0.0
11	1962	338.3	234.1	105.5	203.7	67.2	110.9	0.0	76.0	0.0	7.8	82.5	1,478.5	338.3	0.0
12	1963	234.4	183.8	522.2	348.4	76.7	1.6	0.0	0.0	0.0	0.0	3.5	1,685.3	522.2	0.0
13	1964	184.3	187.1	485.6	61.1	241.2	28.5	5.1	0.0	29.2	125.0	274.0	1,715.6	485.6	0.0
14	1965	233.6	237.3	162.4	16.5	12.4	17.4	0.0	0.0	0.0	40.7	85.0	911.1	237.3	0.0
15	1966	377.1	582.1	309.4	69.9	83.7	29.0	0.0	18.0	0.0	75.4	224.8	2,102.4	582.1	0.0
16	1967	206.3	131.7	179.0	68.4	34.8	0.0	4.2	0.0	3.8	15.1	54.2	869.7	206.3	0.0
17	1968	234.3	287.7	195.0	160.0	256.6	166.6	72.0	2.7	6.9	3.9	6.2	1,902.1	510.2	2.7
18	1969	203.5	135.5	114.9	70.2	87.8	18.0	7.9	4.0	0.5	35.3	7.6	927.5	242.3	0.5
19	1970	202.2	313.0	205.5	155.8	119.1	29.1	0.5	0.0	17.7	187.1	133.0	1,555.2	313.0	0.0
20	1971	421.2	103.1	183.2	56.6	206.9	49.5	64.2	3.5	29.9	122.6	166.0	1,638.5	421.2	3.5
21	1972	183.0	165.4	238.1	56.5	12.9	2.6	0.0	23.8	0.0	0.0	45.0	949.6	238.1	0.0
22	1973	416.6	627.0	604.6	271.4	163.4	10.1	25.7	4.9	21.3	2.6	210.9	2,627.4	627.0	2.6
23	1974	172.5	184.3	229.2	74.9	127.5	76.1	7.5	24.5	29.3	67.6	138.7	1,387.6	255.5	7.5
Average		263.1	278.9	255.1	124.8	94.7	61.7	28.5	16.6	12.8	42.3	125.5	1,549.4	396.1	2.7
Max.		466.5	627.0	604.6	348.4	256.6	315.8	143.1	107.5	39.5	187.1	477.3	2,627.4	627.0	29.3
Min.		109.7	86.8	50.4	16.5	12.4	0.0	0.0	0.0	0.0	0.0	3.5	869.7	206.3	0.0

Monthly Rainfall in Vanilale

Station: Lat. 8 ° 36'S Elevation: 775 m
Vanilale Long. 126 ° 20'E

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Max.	Min.
1	1952															
2	1953															
3	1954															
4	1955															
5	1956															
6	1957	375.0	434.0	434.0	46.0	25.0	53.0	143.0	5.0	6.0	1.0	220.0	399.0	2,141.0	434.0	1.0
7	1958	265.0	715.0	284.0	182.0	61.0	85.0	37.0	15.0	1.0	2.0				715.0	1.0
8	1959			234.0	122.0	120.0	74.0	6.0	1.0	0.0	12.0	13.0	340.0		340.0	0.0
9	1960	460.0	300.0	298.0	104.0	229.0	10.0	31.0	0.0	5.0	71.0	115.0	351.0	1,974.0	460.0	0.0
10	1961		529.0	303.0	127.0	20.0		8.0	0.0	5.0	14.0	211.0	260.0		529.0	0.0
11	1962	268.0	283.0	95.0	142.0	65.0	170.0	49.0	23.0	1.0	52.0	82.0	306.0	1,536.0	306.0	1.0
12	1963	415.0	294.0	494.0	199.0	25.0	10.0	3.0	0.0	0.0	0.0	3.0	301.0	1,744.0	494.0	0.0
13	1964	243.0	92.0		110.0	315.0	37.0	0.0	7.0	77.0	50.0	411.0	52.0		411.0	0.0
14	1965															
15	1966	299.0	358.0	261.0	18.0	26.0	154.0	6.0	6.0	0.0	0.0	125.0	225.0	1,478.0	358.0	0.0
16	1967	312.0	337.0	249.0	32.0	17.0	33.0	2.0	0.0	5.0	14.0	4.0	272.0	1,277.0	337.0	0.0
17	1968	232.0	348.0		108.0	419.0	126.0	209.0	3.0	0.0	1.0	5.0	507.0		507.0	0.0
18	1969	362.0	407.0	330.0	6.0	20.0	15.0	37.0	2.0	11.0	34.0	3.0	451.0	1,678.0	451.0	2.0
19	1970	168.0	158.0	101.0	235.0	148.0	163.0	12.0	0.0	23.0	25.0	279.0	306.0	1,618.0	306.0	0.0
20	1971	306.0	218.0	527.0	207.0	109.0	9.0	59.0	0.0	34.0	48.0	410.0	258.0	2,185.0	527.0	0.0
21	1972	282.0	299.0	438.0	175.0	25.0	26.0	0.0	0.0	1.0	1.0	77.0	171.0	1,495.0	438.0	0.0
22	1973	519.0	439.0	441.0	271.0	165.0	102.0	35.0	36.0	61.0	5.0	137.0	399.0	2,610.0	519.0	5.0
23	1974	177.0	312.0	342.0		121.0	28.0	78.0	43.0	48.0	4.0	324.0	200.0		342.0	4.0
Average		312.2	345.2	322.1	130.3	112.4	68.4	42.1	8.3	16.4	19.6	151.2	299.9	1,794.2	439.6	0.8
Max.		519.0	715.0	527.0	271.0	419.0	170.0	209.0	43.0	77.0	71.0	411.0	507.0	2,610.0	715.0	5.0
Min.		168.0	92.0	95.0	6.0	17.0	9.0	0.0	0.0	0.0	0.0	3.0	52.0	1,277.0	306.0	0.0

Monthly Rainfall in Quelicai

Station: Lat. 8 ° 37'S Elevation: 720 m
 Quelicai Long. 126 ° 33'E

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Max.	Min.
1 1952															
2 1953															
3 1954															
4 1955															
5 1956															
6 1957															
7 1958	231.0	314.0	283.0	139.0	108.0	99.0	49.0	23.0	0.0	48.0	353.0	353.0	2,000.0	353.0	0.0
8 1959	199.0		199.0	152.0	118.0	46.0	0.0	1.0	0.0	22.0	10.0	255.0		255.0	0.0
9 1960	299.0	253.0	276.0	399.0	281.0	3.0	21.0	1.0	0.0	0.0	120.0	399.0	2,052.0	399.0	0.0
10 1961		425.0	162.0	172.0	38.0		0.0	0.0	0.0	20.0	140.0	220.0		425.0	0.0
11 1962	224.0	256.0	148.0	196.0	73.0	235.0	6.0	71.0	0.0	50.0	164.0	308.0	1,731.0	308.0	0.0
12 1963	245.0	352.0	426.0	315.0	100.0	0.0	1.0	1.0	0.0	0.0	0.0	201.0	1,641.0	426.0	0.0
13 1964	308.0	168.0		138.0	347.0	152.0	3.0	0.0	105.0	82.0	280.0	107.0		347.0	0.0
14 1965															
15 1966	289.0	262.0	418.0	16.0	52.0	100.0	0.0	0.0	0.0	12.0	312.0	336.0	1,797.0	418.0	0.0
16 1967	318.0	139.0	277.0	140.0	16.0	16.0	0.0	0.0	5.0	22.0	8.0	244.0	1,185.0	318.0	0.0
17 1968	314.0	198.0		264.0	431.0	192.0	284.0	0.0	0.0	0.0	5.0	308.0		431.0	0.0
18 1969	310.0	294.0	456.0	23.0	20.0	16.0	29.0	0.0	0.0	18.0	5.0	376.0	1,547.0	456.0	0.0
19 1970	196.0	230.0	146.0	286.0	175.0	152.0	4.0	0.0	24.0	30.0	195.0	269.0	1,707.0	286.0	0.0
20 1971	279.0	141.0	416.0	183.0	175.0	2.0	29.0	2.0	21.0	41.0	279.0	139.0	1,707.0	416.0	2.0
21 1972	125.0	242.0	350.0	183.0	23.0	20.0	0.0	6.0	0.0	7.0	19.0	207.0	1,182.0	350.0	0.0
22 1973	695.0	292.0	372.0	252.0	248.0	63.0	21.0	42.0	114.0	104.0	157.0	268.0	2,628.0	695.0	21.0
23 1974	185.0	150.0	295.0	136.0	227.0	13.0	60.0	33.0	51.0	80.0	260.0	143.0	1,633.0	295.0	13.0
Average	281.1	247.7	301.7	187.1	152.0	73.9	31.7	11.3	20.0	33.5	144.2	258.3	1,734.2	386.1	2.3
Max.	695.0	425.0	456.0	399.0	431.0	235.0	284.0	71.0	114.0	104.0	353.0	399.0	2,628.0	695.0	21.0
Min.	125.0	139.0	146.0	16.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	107.0	1,182.0	255.0	0.0

Monthly Rainfall in Baucau

Station:

Lat.

§
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○
*

Elevation: *** m

Baucau Long.

○ **

○ **

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Max.	Min.
1	1952															
2	1953															
3	1954															
4	1955															
5	1956															
6	1957	141.0	364.0	214.0	101.0	22.0	26.0	31.0	3.0	0.0	0.0	90.0	209.0	1,201.0	364.0	0.0
7	1958	221.0	329.0	167.0	204.0	77.0	45.0	24.0	5.0	2.0	10.0		272.0	1,356.0	329.0	2.0
8	1959			208.0	73.0	63.0	14.0	9.0	1.0	0.0	0.0	39.0	128.0		208.0	0.0
9	1960	228.0	169.0	150.0	157.0	141.0	0.0	5.0	0.0	0.0	0.0	93.0	233.0	1,176.0	233.0	0.0
10	1961	566.0	353.0	255.0	102.0	1.0		0.0	0.0	1.0	5.0	64.0	174.0		566.0	0.0
11	1962	141.0	292.0	87.0	184.0	31.0	100.0	13.0	27.0	0.0	6.0	72.0	206.0	1,159.0	292.0	0.0
12	1963	290.0	245.0	289.0	466.0	32.0	1.0	0.0	0.0	0.0	0.0	3.0	141.0	1,467.0	466.0	0.0
13	1964	185.0	162.0		163.0	132.0	5.0	1.0	2.0	172.0	22.0	245.0	106.0		245.0	1.0
14	1965															
15	1966	363.0	447.0	204.0	78.0	23.0	137.0	0.0	1.0	0.0	6.0		180.0		447.0	0.0
16	1967	518.0	253.0	133.0	59.0	71.0	10.0	0.0	0.0	4.0	7.0	3.0	143.0	1,201.0	518.0	0.0
17	1968	300.0	97.0		141.0	240.0	106.0	85.0	0.0	0.0	3.0	0.0	291.0		300.0	0.0
18	1969	249.0	435.0	195.0	57.0	6.0	23.0	11.0	1.0	0.0	14.0	0.0	302.0	1,293.0	435.0	0.0
19	1970	112.0	229.0	140.0	179.0	123.0	64.0	2.0	0.0	11.0	42.0	128.0	317.0	1,347.0	317.0	0.0
20	1971	294.0	253.0	149.0	163.0	115.0	0.0	26.0	1.0	7.0	23.0	162.0	111.0	1,304.0	294.0	0.0
21	1972	126.0	164.0	174.0	105.0	27.0	1.0	0.0	0.0	1.0	0.0	33.0	140.0	771.0	174.0	0.0
22	1973	289.0	310.0	477.0		201.0	10.0	14.0	13.0	38.0	2.0	232.0	296.0		477.0	2.0
23	1974	148.0	247.0	166.0	42.0	99.0	21.0	41.0	5.0	63.0	17.0	177.0	226.0	1,252.0	247.0	5.0
Average		260.7	271.8	200.5	142.1	82.6	35.2	15.4	3.5	17.6	9.2	89.4	204.4	1,229.7	347.8	0.6
Max.		566.0	447.0	477.0	466.0	240.0	137.0	85.0	27.0	172.0	42.0	245.0	317.0	1,467.0	566.0	5.0
Min.		112.0	97.0	87.0	42.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	106.0	771.0	174.0	0.0

Monthly Rainfall in Vaquía

Station: Baguía Lat. 8 ° 37'S Long. 126 ° 39'E Elevation: 369 m

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Max.	Min.
1 1952															
2 1953															
3 1954															
4 1955															
5 1956															
6 1957	184.4	445.6	621.9	95.7	378.0	134.3	344.7	26.2	0.0	0.0	132.0	464.6	2,827.4	621.9	0.0
7 1958	359.0	429.9	298.5	266.1	409.0	387.1	109.4	69.6	0.0	65.9	112.3	282.1	2,401.8	429.9	0.0
8 1959	292.5	276.6	152.3	463.0	697.1	441.4	109.6	21.8	17.9	16.4	38.0	166.3	2,251.5	697.1	16.4
9 1960	290.2	299.5	288.4	329.5	520.2	107.7	169.5	32.9	5.1	0.0	37.0	377.4	2,457.4	520.2	0.0
10 1961	864.0	273.0	172.9	158.4	224.4	69.3	49.0	3.1	5.6	20.7	71.1	267.1	2,178.6	864.0	3.1
11 1962	435.6	31.0	389.8	197.0	185.1	571.1	228.8	58.1	1.0	10.9	187.6	223.5	2,519.5	571.1	1.0
12 1963	375.5	200.5	499.3	311.8	169.3	109.8	20.8	36.2	0.0	0.0	0.0	74.2	1,797.4	499.3	0.0
13 1964	232.9	112.4	211.7	259.4	731.5	251.3	33.1	12.1	91.3	74.1	362.6	110.1	2,482.5	731.5	12.1
14 1965	304.0	118.8	150.3	335.5	174.9	189.6	63.2	6.4	0.1	0.0	5.7	165.5	1,514.0	335.5	0.0
15 1966	459.8	263.7	371.2	150.2	293.1	388.7	64.9	62.9	0.0	0.5	197.4	261.3	2,513.7	459.8	0.0
16 1967	180.2	525.8	298.1	154.4	246.2	79.5	48.3	2.8	8.8	54.2	22.1	234.6	1,855.0	525.8	2.8
17 1968	245.5	139.7	289.4	149.1	552.9	614.3	764.3	37.7	0.0	0.0	0.8	347.9	3,141.6	764.3	0.0
18 1969	227.8	331.5	202.3	115.3	168.8	222.3	184.8	64.0	11.3	11.3	0.0	361.5	1,900.9	361.5	0.0
19 1970	189.2	315.8	142.7	308.6	680.4	465.6	89.6	0.0	51.6	85.8	156.0	354.3	2,839.6	680.4	0.0
20 1971	161.8	199.2	249.8	223.5	394.8	92.9	122.2	19.2	23.5	59.6	219.7	188.8	1,955.0	394.8	19.2
21 1972	235.0	399.8	443.8	389.2	287.1	164.7	16.9	0.0	0.0	0.0	0.0	110.6	2,047.1	443.8	0.0
22 1973	283.7	557.3	222.0	417.9	457.5	282.7	194.5	168.9	284.9	13.3	209.1	281.0	3,372.8	557.3	13.3
23 1974	218.9	302.9	303.8	176.8	506.0	156.5	151.1	57.1	253.7	13.2	200.5	229.5	2,340.5	506.0	13.2
Average	307.8	290.2	294.9	250.1	393.1	243.8	153.6	37.7	41.9	23.7	108.4	251.2	2,355.4	553.6	4.5
Max.	864.0	557.3	621.9	463.0	731.5	614.3	764.3	168.9	284.9	85.8	362.6	464.6	3,372.8	864.0	19.2
Min.	161.8	31.0	142.7	95.7	168.8	69.3	16.9	0.0	0.0	0.0	0.0	74.2	1,514.0	335.5	0.0

Monthly Rainfall in Iliomar

Station: Iliomar Lat. 8 ° 42'S Long. 126 ° 49'E Elevation: 365 m

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Max.	Min.
1	1952															
2	1953															
3	1954															
4	1955															
5	1956															
6	1957	132.1	249.4	104.8	156.9	420.4	114.4	470.4	40.6	4.1	0.5	47.0	160.1	1,853.7	470.4	0.5
7	1958	374.9	215.0	102.7	237.8	401.0	286.9	130.1	61.2	7.5	37.0	78.5	216.7	2,149.3	401.0	7.5
8	1959	103.8	132.5	113.1	370.6	704.3	331.7	157.6	19.3	21.0	25.7	26.1	147.3	2,153.0	704.3	19.3
9	1960	169.2	131.2	167.6	566.2	947.8	121.0	198.2	11.0	1.2	2.2	209.0	223.1	2,747.7	947.8	1.2
10	1961	271.1	341.6	124.3	182.0	249.1	75.5	71.7	1.1	9.4	1.0	10.8	42.3	1,379.9	341.6	1.0
11	1962	307.7	172.1	412.2	218.3	161.5	730.6	139.6	115.0	1.8	3.3	126.5	162.5	2,551.1	730.6	1.8
12	1963	221.8	193.7	145.2	256.8	256.6	98.6	32.5	42.1	0.0	0.0	0.0	28.6	1,275.9	256.8	0.0
13	1964	193.3	133.5	131.4	258.8	816.4	280.0	28.5	31.7	52.1	100.2	307.2	130.1	2,463.2	816.4	28.5
14	1965	160.9	97.2	230.0	265.0	325.7	170.0	98.4	11.4	1.0	0.0	30.1	101.1	1,490.8	325.7	0.0
15	1966	113.5	187.9	173.4	183.3	231.5	525.1	30.2	56.8	0.0	0.0	66.2	203.0	1,770.9	525.1	0.0
16	1967	157.7	182.7	340.0	253.2	266.1	129.0	42.6	7.8	36.4	10.3	1.2	131.9	1,558.9	340.0	1.2
17	1968	206.2	146.8	177.5	94.3	529.9	728.6	610.4	26.2	7.3	0.0	0.0	227.8	2,755.0	728.6	0.0
18	1969	177.3	117.5	193.6	111.4	165.3	368.6	269.8	80.9	0.0	13.6	0.0	223.7	1,721.7	368.6	0.0
19	1970	66.2	169.0	51.4	215.9	779.5	425.6	134.2	8.6	37.8	114.2	27.1	171.4	2,200.9	779.5	8.6
20	1971	223.2	194.4	195.5	180.8	369.3	165.8	233.2	10.5	38.6	23.2	120.8	191.3	1,946.6	369.3	10.5
21	1972	321.6	199.7	210.9	433.4	309.4	353.9	39.1	0.0	0.0	0.0	2.5	73.8	1,944.3	433.4	0.0
22	1973	336.0	262.0	162.0	404.0	482.1	276.3	150.2	157.4	42.7	4.3	206.4	51.6	2,535.0	482.1	4.3
23	1974	34.0	279.3	220.4	175.8	488.6	170.0	50.0	30.3	252.7	32.6	323.2	148.8	2,205.7	488.6	30.3
Average		198.4	189.2	180.9	253.6	439.1	297.3	160.4	39.6	28.5	20.5	90.3	146.4	2,039.1	528.3	6.4
Max.		374.9	341.6	412.2	566.2	947.8	730.6	610.4	157.4	252.7	114.2	323.2	227.8	2,755.0	947.8	30.3
Min.		34.0	97.2	51.4	94.3	161.5	75.5	28.5	0.0	0.0	0.0	0.0	28.6	1,275.9	256.8	0.0

Monthly Rainfall in Uatolari

Station: Uatolari Lat. 8 ° 47'S Long. 126 ° 34'E Elevation: 257 m

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Max.	Min.
1	1952															
2	1953															
3	1954															
4	1955															
5	1956															
6	1957	232.0	279.6	157.3	245.9	405.7	163.6	301.2	31.9	9.5	17.9	35.9	310.2	2,190.7	405.7	9.5
7	1958	164.4	140.0	183.0	237.7	406.8	261.5	90.2	58.1	5.0	38.8	61.8	116.6	1,763.9	406.8	5.0
8	1959	93.9	200.9	94.9	348.4	547.3	325.8	95.4	29.9	39.0	39.9	52.3	177.2	2,044.9	547.3	29.9
9	1960	173.1	144.0	167.5	296.2	551.8	224.3	312.9	26.0	4.7	0.0	44.0	255.3	2,199.8	551.8	0.0
10	1961	198.2	176.2	87.6	158.2	224.0	97.5	89.8	11.5	22.1	13.5	42.8	75.9	1,197.3	224.0	11.5
11	1962	401.6	403.8	354.1	128.5	203.5	669.6	440.1	59.8	11.8	29.4	73.6	185.6	2,961.4	669.6	11.8
12	1963	167.3	209.1	323.3	267.2	166.3	62.1	65.9	6.5	0.0	0.0	0.0	80.8	1,348.5	323.3	0.0
13	1964	136.7	148.8	193.5	230.4	649.2	176.3	32.8	26.7	150.3	159.1	229.1	64.6	2,197.5	649.2	26.7
14	1965	274.7	196.0	232.6	174.1	199.8	169.9	32.8	12.5	0.0	0.0	38.6	101.6	1,432.6	274.7	0.0
15	1966	181.2	113.6	163.5	162.6	230.2	208.2	46.5	56.8	4.1	0.0	78.0	121.4	1,366.1	230.2	0.0
16	1967	135.0	215.5	280.8	230.3	151.8	84.9	34.3	17.1	28.3	30.6	0.0	167.1	1,375.7	280.8	0.0
17	1968	391.3	165.9	110.8	60.1	290.3	354.8	330.0	27.0	0.0	5.7	0.0	198.0	1,933.9	391.3	0.0
18	1969	163.8	214.0	180.8	0.0	39.3	112.3	246.0	89.6	0.0	25.0	0.0	284.7	1,355.5	284.7	0.0
19	1970	169.2	178.6	130.8	427.5	673.4	303.7	138.4	0.0	54.2	90.0	163.0	408.2	2,737.0	673.4	0.0
20	1971	229.8	314.6	287.4	171.6	228.6	153.2	139.0	13.6	20.1	66.5	225.3	222.8	2,072.5	314.6	13.6
21	1972	40.9	142.4	320.0	262.6	256.6	183.5	3.1	0.0	0.0	0.0	0.0	90.0	1,299.1	320.0	0.0
22	1973	233.7	299.9	142.5	307.9	353.0	209.5	128.2	122.1	116.8	6.4	155.7	119.0	2,194.7	353.0	6.4
23	1974	91.9	231.7	205.5	141.0	396.9	131.3	75.4	33.6	202.5	19.3	215.6	147.3	1,892.0	396.9	19.3
Average		193.3	209.7	200.9	213.9	331.9	216.2	144.6	34.6	37.1	30.1	78.7	173.7	1,864.6	405.4	7.4
Max.		401.6	403.8	354.1	427.5	673.4	669.6	440.1	122.1	202.5	159.1	229.1	408.2	2,961.4	673.4	29.9
Min.		40.9	113.6	87.6	0.0	39.3	62.1	3.1	0.0	0.0	0.0	0.0	64.6	1,197.3	224.0	0.0

Monthly Rainfall in Suai

Station: Suai Lat. 8 ° 40'S Long. 125 ° 21'E Elevation: 916 m

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Max.	Min.
1 1952															
2 1953															
3 1954															
4 1955															
5 1956															
6 1957															
7 1958															
8 1959															
9 1960															
10 1961															
11 1962															
12 1963															
13 1964	48.1	91.7	149.4	102.0	196.7	106.9	45.5	33.2	99.7	277.2	238.1	41.1	1,429.6	277.2	33.2
14 1965	168.8	404.2	300.6	97.5	76.2	132.2	103.0	0.1	0.0	0.0	40.4	189.9	1,512.9	404.2	0.0
15 1966	279.4		86.5	41.5	91.2	199.8	9.7	35.3	58.3	9.4	30.8	93.3		279.4	9.4
16 1967	242.2	219.1	119.0	51.7	49.1	50.5	16.6	5.6	28.2	9.9	6.0	202.5	1,000.4	242.2	5.6
17 1968	89.0	69.5	155.8	84.9	264.5	237.6	402.5	94.3	0.8	0.7	26.0	152.9	1,578.5	402.5	0.7
18 1969	140.0	104.0	50.9	35.9	74.2	188.4	130.9	21.0	13.0	10.5	6.7	367.1	1,142.6	367.1	6.7
19 1970	61.2	267.2	122.8	154.6	341.4	166.9	29.8	0.6	9.7	40.4	112.2	84.4	1,391.2	341.4	0.6
20 1971	200.4	252.4	110.4	108.5	157.8	76.3	46.4	0.0	0.0	35.1	114.6	165.3	1,267.2	252.4	0.0
21 1972	182.6	190.1	165.8	82.3	181.3	64.9	2.0	0.0	3.0	0.0	0.0	123.8	995.8	190.1	0.0
22 1973	248.5	114.6	125.0	121.2	224.0	174.3	32.6	24.0	51.2	28.3	63.3	206.0	1,413.0	248.5	24.0
23 1974	69.9	182.6	61.5	113.90	129.2	144.5	57.1	112.4	29.3	49.1	577.5	341.60	1,413.1	577.5	29.3
Average	157.3	189.5	131.6	88.0	162.3	140.2	79.6	29.7	26.7	41.9	110.5	162.6	1,314.4	325.7	10.0
Max.	279.4	404.2	300.6	154.6	341.4	237.6	402.5	112.4	99.7	277.2	577.5	367.1	1,578.5	577.5	33.2
Min.	48.1	69.5	50.9	35.9	49.1	50.5	2.0	0.0	0.0	0.0	0.0	41.1	995.8	190.1	0.0

Monthly Rainfall in Manatuto

Station: Lat. 8 ° 31'S Elevation: 4 m

Manatuto Long. 126 ° 01'E

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Max.	Min.
1 1952															
2 1953															
3 1954															
4 1955															
5 1956															
6 1957															
7 1958	33.8	118.6	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	115.0	282.2	118.6	0.0
8 1959	139.6	69.9	18.4	23.4	50.4	10.6	10.4	0.0	10.2	0.0	0.0	47.7	380.6	139.6	0.0
9 1960	165.8	81.3	199.0	123.5	68.8	0.0	50.3	0.0	0.0	3.2	13.0	157.8	704.9	199.0	0.0
10 1961	390.4	128.9	82.3	55.3	10.4	0.0	0.0	0.0	0.0	17.2	10.8	57.6	752.9	390.4	0.0
11 1962	122.6	138.6	69.0	68.1	8.6	86.4	4.6	10.8	0.0	2.6	38.9	89.6	639.8	138.6	0.0
12 1963	118.9	79.8	130.7	131.6	11.9	0.0	0.0	0.0	0.0	0.0	0.0	7.6	480.5	131.6	0.0
13 1964	25.5	21.0	185.8	87.8	86.5	16.8	0.0	2.4	50.8	54.9	59.5	10.0	601.0	185.8	0.0
14 1965	129.5	75.8	99.0	8.4	10.8	0.0	0.0	0.0	0.0	0.0	0.0	23.4	346.9	129.5	0.0
15 1966	44.4	113.4	92.5	29.2	29.7	35.5	0.0	0.0	0.0	8.4	20.6	44.4	418.1	113.4	0.0
16 1967	120.8	58.6	49.4	37.3	5.4	0.0	0.0	0.0	0.0	0.0	0.0	14.4	285.9	120.8	0.0
17 1968	62.8	35.8	76.4	19.6	79.0	66.6	54.4	0.0	0.0	0.0	0.0	23.0	417.6	79.0	0.0
18 1969	77.4	129.1	31.6	0.0	0.0	77.5	9.8	0.0	0.0	0.0	4.3	146.2	475.9	146.2	0.0
19 1970	26.5	81.4	23.1	93.5	74.3	75.5	0.4	0.0	9.5	51.8	59.8	84.7	580.5	93.5	0.0
20 1971	74.2	76.1	44.9	29.2	114.9	5.8	22.1	1.6	12.5	49.7	48.2	104.2	583.4	114.9	1.6
21 1972	46.3	25.1	90.3	105.5	36.0	0.0	0.0	1.7	0.0	0.0	4.4	101.7	411.0	105.5	0.0
22 1973	313.5	674.6	133.8	204.9	72.6	12.7	37.7	0.0	29.4	4.6	103.1	111.5	1,698.4	674.6	0.0
23 1974	158.5	101.9	48.3	17.1	18.6	9.4	25.5	1.3	2.3	5.0	115.0	153.5	656.4	158.5	1.3
Average	120.6	118.2	81.7	60.8	39.9	23.3	12.7	1.0	6.7	11.6	28.1	70.9	571.5	178.8	0.2
Max.	390.4	674.6	199.0	204.9	114.9	86.4	54.4	10.8	50.8	54.9	115.0	153.5	1,698.4	674.6	1.6
Min.	25.5	21.0	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6	282.2	79.0	0.0

Monthly Rainfall in Remixio

Station: Lat. 8 ° 37'S Elevation: 875 m

Remixio Long. 125 ° 40'E

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Max.	Min.
1	1952	189.4	163.3	300.8	59.9	18.8	0.0	1.5	0.9	39.7	25.6	155.9	125.3	1,081.1	300.8	0.0
2	1953	209.7	140.6	300.0	242.5	15.3	20.2	3.5	11.8	22.2	3.3	63.9	144.6	1,177.6	300.0	3.3
3	1954	146.1	126.3	117.4	249.0	135.3	28.8	1.5	22.4	24.2	60.6	128.5	402.6	1,442.7	402.6	1.5
4	1955	124.8	270.8	40.8	76.6	107.4	100.0	133.6	14.9	3.4	33.4	375.4	127.4	1,408.5	375.4	3.4
5	1956	195.4	49.3	36.8	144.6	154.0	168.0	57.6	136.0	16.0	620.0	118.9	293.0	1,989.6	620.0	16.0
6	1957	240.0	692.6	317.0	70.8	43.5	170.8	106.0	0.0	0.0	0.0	118.0	486.5	2,245.2	692.6	0.0
7	1958	206.0	875.0	517.0	41.0	247.0	35.0	123.0	185.0	0.0	11.5	100.2	299.5	2,640.2	875.0	0.0
8	1959	213.7	269.0	109.0	24.5	251.5	90.0	36.0	0.0	0.0	8.0	54.0	244.5	1,300.2	269.0	0.0
9	1960	453.5	327.5	443.5	204.0	230.0	0.0	3.0	32.5	2.0	31.0	243.5	275.5	2,246.0	453.5	0.0
10	1961	286.6	451.5	167.5	70.5	13.5	15.0	1.0	0.0	53.0	38.3	163.0	218.0	1,477.9	451.5	0.0
11	1962	370.5	238.5	220.0	344.0	102.0	288.5	270.5	23.0	16.0	16.0	137.0	257.0	2,283.0	370.5	16.0
12	1963	426.0	287.0	626.9	427.0	87.0	2.1	0.0	0.0	0.0	2.5	6.0	177.8	2,042.3	626.9	0.0
13	1964	234.3	329.7	287.6	91.0	241.0	110.8	0.0	1.0	40.2	116.0	401.6	172.7	2,025.9	401.6	0.0
14	1965	158.3	128.3	175.1	50.3	32.6	55.6	24.5	0.0	0.0	6.3	21.8	96.5	749.3	175.1	0.0
15	1966	283.3	680.4	494.6	160.0	76.5	20.3	0.0	2.0	7.0	15.0	184.7	327.4	2,251.2	680.4	0.0
16	1967	291.6	835.8	152.7	214.6	101.4	3.2	0.0	0.0	0.0	23.0	110.0	590.3	2,322.6	835.8	0.0
17	1968	431.2	301.5	86.9	225.3	126.1	163.9	105.5	6.1	4.0	0.0	9.0	472.9	1,932.4	472.9	0.0
18	1969	181.1	474.0	326.5	19.5	16.4	10.7	6.0	0.0	0.0	34.8	26.7	477.8	1,573.5	477.8	0.0
19	1970	346.9	498.4	162.1	221.5	131.2	35.7	1.0	0.0	17.5	37.2	299.4	259.1	2,010.0	498.4	0.0
20	1971	510.5	159.7	344.8	86.0	277.6	8.8	30.3	0.0	60.2	96.9	221.7	94.3	1,890.8	510.5	0.0
21	1972	331.3	201.3	321.3	94.9	42.3	0.0	0.0	0.0	0.0	0.0	79.9	174.9	1,245.9	331.3	0.0
22	1973	682.2	1,001.7	650.5	283.4	197.0	14.5	19.5	1.0	45.6	1.5	302.3	396.3	3,595.5	1,001.7	1.0
23	1974	418.3	242.5	289.7	89.5	167.7	11.2	23.3	25.6	99.8	64.3	218.2	194.0	1,844.1	418.3	11.2
Average		301.3	380.2	282.1	151.8	122.4	58.8	41.2	20.1	19.6	54.1	153.9	274.3	1,859.8	501.8	2.3
Max.		682.2	1,001.7	650.5	427.0	277.6	288.5	270.5	185.0	99.8	620.0	401.6	590.3	3,595.5	1,001.7	16.0
Min.		124.8	49.3	36.8	19.5	13.5	0.0	0.0	0.0	0.0	0.0	6.0	94.3	749.3	175.1	0.0

Monthly Rainfall in Mt.Algarve

Elevation: 916 m

Station: Lat. 8 ° 40'S

Mt. Algarve Long. 125 ° 21'E

	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Max.	Min.
1	1952	225.5	223.3	177.1	28.4	76.8	0.0	10.7	20.9	16.0	60.0	415.5	381.7	1,635.9	415.5	0.0
2	1953	178.3	263.7	199.2	113.3	13.2	25.3	11.2	17.2	10.7	34.1	75.0	259.9	1,201.1	263.7	10.7
3	1954	103.1	147.7	196.8	146.9	170.2	149.5	210.4	236.9	229.9	193.6	142.7	52.5	1,980.2	236.9	52.5
4	1955	246.3	704.3	120.9	238.1	164.7	95.6	77.1	0.0	5.2	123.0	457.3	205.5	2,438.0	704.3	0.0
5	1956	432.2	172.6	133.9	345.2	66.4	206.8	60.0	92.6	29.4	108.7	177.0	367.5	2,192.3	432.2	29.4
6	1957	340.2	403.0	149.8	170.3	160.5	73.8	146.3	69.6	0.0	0.0	272.4	364.1	2,150.0	403.0	0.0
7	1958	321.1	497.5	181.7	89.8	75.1	29.4	189.4	59.6	32.7	32.5	194.5	310.4	2,013.7	497.5	29.4
8	1959	362.0	259.6	207.2	100.2	101.6	58.3	117.3	0.0	10.0	24.0	200.4	507.0	1,947.6	507.0	0.0
9	1960	602.4	619.2	272.0	180.2	229.0	0.0	17.2	38.3	22.9	33.9	278.3	273.0	2,566.4	619.2	0.0
10	1961	428.3	465.8	268.2	46.7	20.0	0.0	0.0	0.0	63.4	15.1	154.6	245.4	1,707.5	465.8	0.0
11	1962	672.7	577.0	146.3	246.0	105.6	106.6	18.4	33.1	17.4	44.3	310.8	198.1	2,476.3	672.7	17.4
12	1963	252.9	319.5	266.0	284.3	16.3	8.0	0.0	0.0	0.0	7.6	52.1	155.8	1,362.5	319.5	0.0
13	1964	210.5	132.6	341.6	91.0	192.7	39.6	0.0	9.9	47.9	153.0	210.0	229.1	1,657.9	341.6	0.0
14	1965	355.2	374.5	269.7	77.6	35.7	0.0	0.0	0.0	0.0	14.2	65.2	269.0	1,461.1	374.5	0.0
15	1966	238.8	346.1	290.0	80.5	36.7	44.6	0.0	6.8	12.5	129.1	83.3	269.8	1,538.2	346.1	0.0
16	1967	421.8	525.6	381.2	165.4	56.7	2.3	0.0	2.7	1.9	24.8	60.4	309.4	1,952.2	525.6	0.0
17	1968	356.4	509.6	187.4	236.5	235.7	123.5	80.9	1.7	14.1	56.0	78.4	507.3	2,387.5	509.6	1.7
18	1969	221.0	231.9	248.0	67.9	32.6	17.5	6.5	6.1	23.1	43.1	44.6	416.9	1,359.2	416.9	6.1
19	1970	439.0	228.9	206.6	160.2	161.7	13.4	17.2	0.0	22.9	160.9	471.4	231.7	2,113.9	471.4	0.0
20	1971	235.8	337.0	422.8	46.7	150.9	0.0	14.0	20.2	98.8	197.6	389.7	149.7	2,063.2	422.8	0.0
21	1972	202.0	275.3	248.0	57.4	79.8	25.5	0.0	5.6	0.0	0.0	93.8	238.1	1,225.5	275.3	0.0
22	1973	548.3	288.1	321.0	306.6	224.1	14.5	40.7	1.2	63.5	80.3	248.4	265.5	2,402.2	548.3	1.2
23	1974	439.6	357.5	601.5	175.3	165.2	41.3	23.1	27.3	73.6	102.8	309.5	230.9	2,547.6	601.5	23.1
Average		340.6	359.1	253.8	150.2	111.8	46.8	45.2	28.2	34.6	71.2	208.1	279.9	1,929.6	450.9	7.5
Max.		672.7	704.3	601.5	345.2	235.7	206.8	210.4	236.9	229.9	197.6	471.4	507.3	2,566.4	704.3	52.5
Min.		103.1	132.6	120.9	28.4	13.2	0.0	0.0	0.0	0.0	0.0	44.6	52.5	1,201.1	236.9	0.0

Data

Collected Meteorological Data in Dili

Monthly Temperature in Dili (1953 - 83)

Station:		Lat.												Long.											
Dili		Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	Max.	Min.								
	1	1953	27.0	27.2	27.2	26.9	26.9	25.7	25.1	25.2	25.1	26.8	28.1	28.2	26.6	28.2	25.1								
	2	1954	27.7	27.3	27.5	27.7	24.9	25.8	22.9	25.5	25.1	26.7	27.5	25.3	26.2	27.7	22.9								
	3	1955	26.2	26.5	26.0	26.1	26.2	25.3	24.9	24.1	24.0	26.1	26.4	26.2	25.7	26.5	24.0								
	4	1956	26.2	26.4	26.1	26.2	26.3	25.4	24.9	23.9	23.4	25.4	26.7	26.7	25.6	26.7	23.4								
	5	1957	26.5	26.4	26.1	25.9	25.7	25.4	24.7	23.2	22.9	24.7	26.8	27.2	25.5	27.2	22.9								
	6	1958	26.5	26.4	26.7	26.3	26.4	25.5	24.5	24.3	24.3	25.7	26.4	27.0	25.8	27.0	24.3								
	7	1959	27.1	26.3	26.9	26.4	26.5	24.9	23.2	22.5	24.4	25.2	27.0	27.5	25.7	27.5	22.5								
	8	1960	26.7	26.4	26.0	26.2	26.0	24.1	23.9	23.5	24.1	25.3	26.9	27.2	25.5	27.2	23.5								
	9	1961	26.4	26.4	26.2	26.5	25.4	24.1	22.9	22.7	23.7	25.1	27.1	27.3	25.3	27.3	22.7								
	10	1962	26.9	26.9	26.3	26.2	25.8	25.3	24.3	23.5	23.8	25.8	27.3	27.0	25.8	27.3	23.5								
	11	1963	26.6	26.1	26.3	26.1	25.3	24.2	22.9	23.0	23.4	24.6	26.2	27.1	25.2	27.1	22.9								
	12	1964	27.0	26.9	26.4	26.0	26.1	24.1	24.1	24.3	25.8	26.6	26.8	25.2	25.8	27.0	24.1								
	13	1965	26.6	26.6	26.3	24.8	25.4	24.8	23.8	22.8	23.3	24.8	26.9	27.8	25.3	27.8	22.8								
	14	1966	27.0	26.3	26.4	26.1	26.0	25.0	23.8	24.2	24.0	25.6	26.8	27.0	25.7	27.0	23.8								
	15	1967	26.9	26.8	26.4	25.9	25.8	24.2	24.3	23.6	23.9	25.7	27.0	27.3	25.7	27.3	23.6								
	16	1968	27.1	26.9	26.5	26.3	26.6	25.8	25.5	24.3	24.3	25.6	26.7	27.5	26.1	27.5	24.3								
	17	1969	27.1	26.8	27.2	26.8	25.9	25.1	24.7	24.7	24.5	25.3	27.2	27.8	26.1	27.8	24.5								
	18	1970	27.4	27.3	26.9	26.8	26.6	25.6	24.2	23.8	25.2	26.7	27.6	27.2	26.3	27.6	23.8								
	19	1971	27.1	26.8	27.0	26.4	25.7	24.8	24.1	24.2	25.4	27.1	27.2	26.8	26.1	27.2	24.1								
	20	1972	27.2	27.2	27.0	26.3	25.8	25.2	23.9	23.7	24.1	25.2	27.3	28.2	25.9	28.2	23.7								
	21	1973	27.4	27.1	27.1	27.4	26.6	26.2	25.2	25.4	26.0	26.8	28.0	27.4	26.7	28.0	25.2								
	22	1974	27.2	27.2	26.8	26.7	26.2	25.2	24.8	24.8	25.6	26.8	27.4	27.2	26.3	27.4	24.8								
	23	1975	27.1	27.2	26.6	26.8	26.3	25.8																	
	24	1976																							
	25	1977	28.0	28.0	28.0	28.0	28.1	27.2	26.0	26.2	27.2	28.2	29.7	29.3	27.8	29.7	26.0								
	26	1978	28.5	28.5	27.9	27.9	28.3	27.4	26.5	27.0	27.8	28.6	29.4	28.7	28.0	29.4	26.5								
	27	1979	27.9	27.8	27.2	27.3	27.2	26.1	24.9	24.5	25.7	27.3	29.0	28.4	26.9	29.0	24.5								
	28	1980	27.5	27.6	27.3	27.4	27.0	26.1	25.1	25.4	25.8	27.4	29.2	27.9	27.0	29.2	25.1								
	29	1981		27.1	27.0	27.5	27.2	26.2	25.9	25.5	27.2	27.9	28.5	27.8											
	30	1982	27.7	27.0	27.0	27.5	26.9	25.7	24.6	24.7	24.6	25.8	27.4	28.8	26.5	28.8	24.6								
	31	1983	28.1	27.7	27.6	27.7	27.0	26.3	25.3	24.9	25.9	27.8	28.8	28.0	27.1	28.8	24.9								
	Average		27.1	27.0	26.8	26.7	26.3	25.4	24.5	24.3	24.8	26.2	27.5	27.4	26.2	27.8	24.1								
	Max.		28.5	28.5	28.0	28.0	28.3	27.4	26.5	27.0	27.8	28.6	29.7	29.3	28.0	29.7	26.5								
	Min.		26.2	26.1	26.0	24.8	24.9	24.1	22.9	22.5	22.9	24.6	26.2	25.2	25.2	26.5	22.5								

Monthly Mean Wind Velocity in Dili (1955 - 82)

Station:		Lat.		Long.																	
Dili		Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	Max.	Min.				
	1	1953																			
	2	1954																			
	3	1955	120.0	168.0	141.0	72.0	98.4	76.8	52.8	108.0	134.4	88.8	103.2	103.2	105.6	168.0	52.8				
	4	1956	132.0	177.6	153.6	81.6	91.2	105.6	74.4	112.8	146.4	91.2	91.2	136.8	116.2	177.6	74.4				
	5	1957	132.0	168.0	96.0	76.8	141.6	134.4	151.2	139.2	199.2	158.4	189.2	163.2	145.8	199.2	76.8				
	6	1958	201.6	151.2	127.2	132.0	146.4	141.6	187.2	189.6	81.6	84.0	96.0	69.6	134.0	201.6	69.6				
	7	1959	172.8	76.8	76.8	103.2	115.2	117.6	127.2	184.8	196.8	122.4	127.2	144.0	130.4	196.8	76.8				
	8	1960	124.8	120.0	100.8	72.0	100.8	72.0	79.2	117.6	141.6	122.4	105.6	115.2	106.0	141.6	72.0				
	9	1961	103.2	76.8	81.6	72.0	93.6	88.6	124.8	158.4	172.8	165.6	153.6	64.8	113.0	172.8	64.8				
	10	1962	124.8	146.4	81.6	86.4	96.0	88.8	120.0	146.4	122.4	115.2	124.8	84.0	111.4	146.4	81.6				
	11	1963	79.2	76.8	76.8	64.8	79.2	76.8	96.0	88.8	115.2	124.8	93.6	52.8	85.4	124.8	52.8				
	12	1964	105.6	81.6	76.8	62.4	62.4	69.6	96.0	129.6	141.6	81.6	93.6	96.0	91.4	141.6	62.4				
	13	1965	151.2	132.0	136.8	100.8	81.6	127.2	160.8	153.6	182.4	165.6	139.2	194.4	143.8	194.4	81.6				
	14	1966	129.6	88.8	62.4	120.0	84.0	105.6	158.4	187.2	136.8	163.2	115.2	79.2	119.2	187.2	62.4				
	15	1967	163.2	170.4	153.6	134.4	153.6	136.8	170.4	153.6	187.2	122.4	122.4	122.4	149.2	187.2	122.4				
	16	1968	153.6	204.0	79.2	67.2	86.4	105.6	103.2	117.6	156.0	136.8	100.8	84.0	116.2	204.0	67.2				
	17	1969	100.8	117.6	84.0	81.6	120.0	98.4	158.4	187.2	151.2	172.8	115.2	110.4	124.8	187.2	81.6				
	18	1970		96.0	74.4	100.8	108.0	115.2	122.4	151.2	141.6	105.6	86.4	117.6	110.8	151.2	74.4				
	19	1971	96.0	139.2	182.4	64.8	100.8	93.6	103.2	108.0	163.2	120.0	120.0	170.4	121.8	182.4	64.8				
	20	1972	259.2	201.6	208.8	156.0	172.0	192.0	177.6	196.8	240.0	192.0	148.8	127.2	189.3	259.2	127.2				
	21	1973	144.0	144.0	110.4	96.0	124.8	127.2	218.4	230.4	213.6	220.8	204.0	148.8	165.2	230.4	96.0				
	22	1974	235.2	208.8	220.8	120.0	122.4	141.6	158.4	177.6	180.0	124.8	100.8	139.2	160.8	235.2	100.8				
	23	1975	141.6	153.6	100.8	81.6	124.8	93.6													
	24	1976																			
	25	1977	48.0	48.0	72.0	24.0	48.0	48.0	72.0	72.0	72.0	72.0	72.0	72.0	60.0	72.0	24.0				
	26	1978	72.0	72.0	24.0	24.0	48.0	48.0	48.0	96.0	48.0	72.0	48.0	48.0	54.0	96.0	24.0				
	27	1979	96.0	96.0	72.0	48.0	48.0	48.0	72.0	96.0	96.0	48.0	72.0	48.0	70.0	96.0	48.0				
	28	1980	48.0	96.0	48.0	48.0	72.0	96.0	96.0	96.0	96.0	24.0	48.0	48.0	68.0	96.0	24.0				
	29	1981		72.0	48.0	48.0	72.0	48.0	48.0	72.0	72.0	72.0	72.0	96.0	65.5	96.0	48.0				
	30	1982	144.0	96.0	72.0	72.0	72.0	72.0	144.0	168.0	72.0	192.0	120.0	96.0	110.0	192.0	72.0				
		Average	131.1	125.2	102.3	81.9	98.6	98.8	120.0	139.9	140.8	121.5	110.1	105.0	114.6	166.8	69.3				
		Max.	259.2	208.8	220.8	156.0	172.0	192.0	218.4	230.4	240.0	220.8	204.0	194.4	189.3	259.2	127.2				
		Min.	48.0	48.0	24.0	24.0	48.0	48.0	48.0	72.0	48.0	24.0	48.0	48.0	54.0	72.0	24.0				

Monthly Mean Humidity in Dili (1953 - 82)

Station: Dili		Lat.		Long.		Monthly Mean Humidity (%)											
		Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	Max.	Min.
	1	1953	82	76	81	82	72	71	70	69	68	72	72	78	74.4	82.0	68.0
	2	1954	81	82	77	81	80	74	69	70	71	73	75	76	75.8	82.0	69.0
	3	1955	81	83	73	76	79	80	79	72	70	72	79	79	76.9	83.0	70.0
	4	1956	81	80	77	75	77	81	78	71	72	74	71	81	76.5	81.0	71.0
	5	1957	75	80	83	78	73	76	78	70	67	72	69	78	74.9	83.0	67.0
	6	1958	80	83	81	77	75	74	72	69	70	71	70	76	74.8	83.0	69.0
	7	1959	79	81	78	75	77	70	67	62	68	70	68	74	72.4	81.0	62.0
	8	1960	78	83	82	80	79	72	71	69	69	71	74	79	75.6	83.0	69.0
	9	1961	82	85	84	80	71	67	68	67	69	68	68	73	73.5	85.0	67.0
	10	1962	80	81	79	75	73	75	69	69	67	70	70	79	73.9	81.0	67.0
	11	1963	81	81	83	81	78	72	69	65	67	74	68	73	74.3	83.0	65.0
	12	1964	78	76	81	76	78	71	70	67	69	71	77	75	74.1	81.0	67.0
	13	1965	78	77	83	76	72	69	58	66	64	69	68	70	70.8	83.0	58.0
	14	1966	78	83	81	69	72	73	61	70	69	67	70	77	72.5	83.0	61.0
	15	1967	78	80	79	73	70	65	67	67	64	68	67	73	70.9	80.0	64.0
	16	1968	78	77	80	73	79	79	77	71	68	67	68	73	74.2	80.0	67.0
	17	1969	78	81	78	67	70	70	64	66	67	68	65	80	71.2	81.0	64.0
	18	1970	76	80	77	75	76	71	66	64	69	69	71	82	73.0	82.0	64.0
	19	1971	77	78	73	73	76	69	69	70	68	69	72	75	72.4	78.0	68.0
	20	1972	73	74	75	68	68	65	64	65	65	68	69	72	68.8	75.0	64.0
	21	1973	80	82	82	78	77	73	68	69	68	66	71	75	74.1	82.0	66.0
	22	1974	75	75	76	74	72	69	67	68	70	70	72	74	71.8	76.0	67.0
	23	1975	75	76	80	70	76	72									
	24	1976															
	25	1977	78	78	74	73	70	65	61	61	62	63	62	68	67.9	78.0	61.0
	26	1978	73	77	79	72	75	63	72	70	66	64	68	74	71.1	79.0	63.0
	27	1979	74	73	76	70	75	71	66	70	70	64	64	72	70.4	76.0	64.0
	28	1980	78	75	76	76	73	72	69	70	69	70	72	85	73.8	85.0	69.0
	29	1981		89	82	74	76	76	75	70	68	66	74	77	75.2	89.0	66.0
	30	1982	78	79	83	81	73	72	68	70	67	67	81	80	74.9	83.0	67.0
	Average		78.0	79.5	79.1	75.1	74.6	71.6	69.0	68.1	67.9	69.0	70.5	76.0	73.2	81.4	65.9
	Max.		82.0	89.0	84.0	82.0	80.0	81.0	79.0	72.0	72.0	74.0	81.0	85.0	76.9	89.0	71.0
	Min.		73.0	73.0	73.0	67.0	68.0	63.0	58.0	61.0	62.0	63.0	62.0	68.0	67.9	75.0	58.0

Monthly Temperature in Dili (1953 - 83)

Station: Dili		Lat.		Long.		(°C)											
		Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	Max.	Min.
	1	1953	27.0	27.2	27.2	26.9	26.9	25.7	25.1	25.2	25.1	26.8	28.1	28.2	26.6	28.2	25.1
	2	1954	27.7	27.3	27.5	27.7	24.9	25.8	22.9	25.5	25.1	26.7	27.5	25.3	26.2	27.7	22.9
	3	1955	26.2	26.5	26.0	26.1	26.2	25.3	24.9	24.1	24.0	26.1	26.4	26.2	25.7	26.5	24.0
	4	1956	26.2	26.4	26.1	26.2	26.3	25.4	24.9	23.9	23.4	25.4	26.7	26.7	25.6	26.7	23.4
	5	1957	26.5	26.4	26.1	25.9	25.7	25.4	24.7	23.2	22.9	24.7	26.8	27.2	25.5	27.2	22.9
	6	1958	26.5	26.4	26.7	26.3	26.4	25.5	24.5	24.3	24.3	25.7	26.4	27.0	25.8	27.0	24.3
	7	1959	27.1	26.3	26.9	26.4	26.5	24.9	23.2	22.5	24.4	25.2	27.0	27.5	25.7	27.5	22.5
	8	1960	26.7	26.4	26.0	26.2	26.0	24.1	23.9	23.5	24.1	25.3	26.9	27.2	25.5	27.2	23.5
	9	1961	26.4	26.4	26.2	26.5	25.4	24.1	22.9	22.7	23.7	25.1	27.1	27.3	25.3	27.3	22.7
	10	1962	26.9	26.9	26.3	26.2	25.8	25.3	24.3	23.5	23.8	25.8	27.3	27.0	25.8	27.3	23.5
	11	1963	26.6	26.1	26.3	26.1	25.3	24.2	22.9	23.0	23.4	24.6	26.2	27.1	25.2	27.1	22.9
	12	1964	27.0	26.9	26.4	26.0	26.1	24.1	24.1	24.3	25.8	26.6	26.8	25.2	25.8	27.0	24.1
	13	1965	26.6	26.6	26.3	24.8	25.4	24.8	23.8	22.8	23.3	24.8	26.9	27.8	25.3	27.8	22.8
	14	1966	27.0	26.3	26.4	26.1	26.0	25.0	23.8	24.2	24.0	25.6	26.8	27.0	25.7	27.0	23.8
	15	1967	26.9	26.8	26.4	25.9	25.8	24.2	24.3	23.6	23.9	25.7	27.0	27.3	25.7	27.3	23.6
	16	1968	27.1	26.9	26.5	26.3	26.6	25.8	25.5	24.3	24.3	25.6	26.7	27.5	26.1	27.5	24.3
	17	1969	27.1	26.8	27.2	26.8	25.9	25.1	24.7	24.7	24.5	25.3	27.2	27.8	26.1	27.8	24.5
	18	1970	27.4	27.3	26.9	26.8	26.6	25.6	24.2	23.8	25.2	26.7	27.6	27.2	26.3	27.6	23.8
	19	1971	27.1	26.8	27.0	26.4	25.7	24.8	24.1	24.2	25.4	27.1	27.2	26.8	26.1	27.2	24.1
	20	1972	27.2	27.2	27.0	26.3	25.8	25.2	23.9	23.7	24.1	25.2	27.3	28.2	25.9	28.2	23.7
	21	1973	27.4	27.1	27.1	27.4	26.6	26.2	25.2	25.4	26.0	26.8	28.0	27.4	26.7	28.0	25.2
	22	1974	27.2	27.2	26.8	26.7	26.2	25.2	24.8	24.8	25.6	26.8	27.4	27.2	26.3	27.4	24.8
	23	1975	27.1	27.2	26.6	26.8	26.3	25.8									
	24	1976															
	25	1977	28.0	28.0	28.0	28.0	28.1	27.2	26.0	26.2	27.2	28.2	29.7	29.3	27.8	29.7	26.0
	26	1978	28.5	28.5	27.9	27.9	28.3	27.4	26.5	27.0	27.8	28.6	29.4	28.7	28.0	29.4	26.5
	27	1979	27.9	27.8	27.2	27.3	27.2	26.1	24.9	24.5	25.7	27.3	29.0	28.4	26.9	29.0	24.5
	28	1980	27.5	27.6	27.3	27.4	27.0	26.1	25.1	25.4	25.8	27.4	29.2	27.9	27.0	29.2	25.1
	29	1981		27.1	27.0	27.5	27.2	26.2	25.9	25.5	27.2	27.9	28.5	27.8			
	30	1982	27.7	27.0	27.0	27.5	26.9	25.7	24.6	24.7	24.6	25.8	27.4	28.8	26.5	28.8	24.6
	31	1983	28.1	27.7	27.6	27.7	27.0	26.3	25.3	24.9	25.9	27.8	28.8	28.0	27.1	28.8	24.9
		Average	27.1	27.0	26.8	26.7	26.3	25.4	24.5	24.3	24.8	26.2	27.5	27.4	26.2	27.8	24.1
		Max.	28.5	28.5	28.0	28.0	28.3	27.4	26.5	27.0	27.8	28.6	29.7	29.3	28.0	29.7	26.5
		Min.	26.2	26.1	26.0	24.8	24.9	24.1	22.9	22.5	22.9	24.6	26.2	25.2	25.2	26.5	22.5

Monthly Temperature in East Timor (1997)

Temperature at Dili Airport in 1997

(C)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
Mean	27.3	26.8	27.4	27.7	27.3	26.6	25.8	25.2	25.2	26.8	28.1	28.2	26.9
Mean Max	31.2	31.1	31.7	31.8	31.3	30.8	30.3	29.3	29.3	30.5	31.5	32.2	30.9
Mean Min.	22.9	23.1	22.5	22.5	22.0	21.1	19.8	18.8	19.8	21.5	23.5	24.1	21.8
High Max	32.8	32.4	32.6	32.4	32.3	31.6	31.4	31.3	30.2	31.5	32.3	32.8	32.0
Low Min.	19.4	21.3	19.5	21.3	19.4	19.6	16.7	15.3	16.5	18.8	21.5	22.3	19.3

Temperature at Baucau Airport in 1997

(C)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
Mean	23.6	23.4	23.9	24.1	23.6								23.7
Mean Max	26.0	26.0	27.0	27.9	27.8								26.9
Mean Min.	21.6	20.9	20.3	23.5	18.9								21.0
High Max	27.6	27.6	29.4	29.2	29.6								28.7
Low Min.	19.0	20.6	17.4	18.4	14.4								18.0

Temperature at Comoro in 1997

(C)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
Mean	27.2	26.8	27.0	27.4	26.8	26.5	25.8	25.1	25.5	27.0	28.3	28.7	26.8
Mean Max	30.2	30.2	30.4	31.4	30.6	30.3	29.7	29.2	29.6	30.5	31.5	31.7	30.4
Mean Min.	23.5	23.3	22.5	22.2	22.1	21.4	20.7	18.7	20.4	21.8	25.0	25.4	22.3
High Max	31.7	31.7	32.1	32.0	32.0	31.8	31.4	30.1	30.6	29.3	32.6	33.4	31.6
Low Min.	22.1	21.7	19.1	20.2	20.1	19.3	16.5	10.1	18.3	18.9	22.8	23.0	19.3

Temperature at Viqueque/Naeborok in 1997

(C)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
Mean	27.4	27.2	27.3	26.6	26.1	25.0	23.5	23.4	24.9	27.2	29.0	28.6	26.4
Mean Max	32.5	32.4	32.7	31.2	31.0	29.0	27.2	29.3	30.6	33.0	34.3	33.8	31.4
Mean Min.	23.4	23.2	22.0	22.1	20.6	20.4	18.9	17.3	17.9	20.0	22.1	23.6	21.0
High Max	33.9	34.4	34.0	32.9	32.2	30.9	29.8	30.6	33.2	35.5	35.5	34.0	33.1
Low Min.	21.4	22.0	20.2	20.8	18.6	18.0	16.0	15.1	15.2	17.0	19.3	22.6	18.9

Temperature at Pante Makasar in 1997

(C)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
Mean	27.8	26.9	27.2	29.8	28.3	28.1	27.7	26.8	26.9	27.8	29.3	28.9	28.0
Mean Max	31.3	30.5	31.9	33.2	32.5	32.0	32.5	31.0	30.9	31.5	31.7	32.5	31.8
Mean Min.	21.6	21.4	21.4	21.9	21.6	20.7	20.9	19.8	20.7	21.5	22.7	23.1	21.4
High Max	32.2	32.2	32.4	33.8	33.8	33.4	33.8	32.6	32.4	32.8	33.6	33.2	33.0
Low Min.	20.8	19.2	19.4	21.0	20.1	20.4	20.0	16.0	19.0	19.3	21.5	21.6	19.9

The source: TIMOR TIMUR DALAM ANGKA 1997
(BADAN PUSAT ATATISTIK PROPINS; TIMOR TIMUR)

Data

**Calculation of Evaporation by FAO
Penman-Monteith Method**

Evapotranspiration : FAO Penman-Monteith Calculations

Give :

Station name :
Latitude :
Altitude :

Dilli
8.58
4 m

8.97
0.16 rad

Parameters :

Short Wave Rad
Albedo
Long Wave Rad.

a =
alpha =
a =
al =

0.25
0.23
0.90
0.34

b =
b =
bl =

0.50
0.10
-0.139

alpha=

Instrument height
AerDyn Resistance

ra * U =
ra * U =

206
70

wind
Alfalfa

temp Cropheight
190

AeroT Cff
900

Canopy resistance

rc =

12

12

Grass
Gamma*
Cff
0.34

Alfalfa
Gamma*Cff
0.42

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
Tmax	27.1	27.0	26.8	26.7	26.3	25.4	24.5	24.3	24.8	26.2	27.5	27.4	
Tmin	27.1	27.0	26.8	26.7	26.3	25.4	24.5	24.3	24.8	26.2	27.5	27.4	
RHmean	78	80	79	75	75	72	69	68	68	69	71	76	
RHmin	78	80	79	75	75	72	69	68	68	69	71	76	
Wind (km/d)	131	125	102	82	99	99	120	140	141	122	110	105	
Sunhours	6.58	5.92	7.43	8.91	9.20	8.94	9.74	10.06	10.02	10.13	9.41	7.89	
ET fao	3.74	3.79	4.31	4.72	4.69	4.48	4.69	4.90	4.94	4.81	4.44	3.90	
Avg Temp	27.10	27.00	26.80	26.70	26.30	25.40	24.50	24.30	24.80	26.20	27.50	27.40	
n/N	57%	51%	62%	73%	74%	71%	78%	82%	83%	86%	81%	69%	
Wind (m/s)	1.52	1.45	1.18	0.95	1.15	1.15	1.39	1.62	1.63	1.41	1.27	1.22	
Ea(Tmax)	3.59	3.57	3.52	3.50	3.42	3.24	3.07	3.04	3.13	3.40	3.67	3.65	
Ea(Tmin)	3.59	3.57	3.52	3.50	3.42	3.24	3.07	3.04	3.13	3.40	3.67	3.65	
Ea(Tx)-Ea(Th)	3.59	3.57	3.52	3.50	3.42	3.24	3.07	3.04	3.13	3.40	3.67	3.65	
Edew	2.80	2.83	2.79	2.63	2.55	2.32	2.12	2.07	2.13	2.35	2.59	2.77	
RH(max-min)	78%	80%	79%	75%	75%	72%	69%	68%	68%	69%	71%	76%	
Dlt(ETx-ETh)	0.21	0.21	0.21	0.21	0.20	0.19	0.18	0.18	0.19	0.20	0.21	0.21	
P-atm.	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	
lambda	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	
gamma	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	
rc	70	70	70	70	70	70	70	70	70	70	70	70	
ra	136	142	175	217	180	180	148	127	126	146	162	170	
gamma*	0.10	0.10	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	
d/dt+gm*	0.67	0.68	0.69	0.70	0.68	0.67	0.65	0.64	0.64	0.67	0.69	0.69	
gm/dt+gm*	0.22	0.22	0.22	0.23	0.23	0.24	0.24	0.23	0.23	0.22	0.22	0.22	
Aeroterm	0.78	0.69	0.59	0.57	0.69	0.75	0.96	1.12	1.15	1.01	0.90	0.70	
Month	1	2	3	4	5	6	7	8	9	10	11	12	
dayno	15	46	76	107	137	168	198	229	259	290	320	351	
soldeclin	-0.370	-0.230	-0.033	0.179	0.334	0.408	0.372	0.233	0.036	-0.176	-0.336	-0.408	
xx	-0.056	-0.036	-0.005	0.028	0.051	0.062	0.057	0.036	0.006	-0.027	-0.051	-0.062	
yy	0.921	0.962	0.987	0.972	0.933	0.907	0.920	0.961	0.987	0.972	0.933	0.907	
omega	1.51	1.53	1.57	1.60	1.63	1.64	1.63	1.61	1.58	1.54	1.52	1.50	
dr	1.03	1.02	1.01	0.99	0.98	0.97	0.97	0.98	0.99	1.01	1.02	1.03	
Ra	32.34	34.86	37.11	37.85	37.25	36.60	36.79	37.39	37.12	35.27	32.83	31.48	
N	11.53	11.72	11.96	12.22	12.42	12.52	12.47	12.29	12.04	11.79	11.58	11.48	
Ros	13.3	13.5	16.0	17.9	17.8	17.1	18.1	19.0	19.0	18.5	16.6	14.4	
f0(N)	0.61	0.55	0.66	0.76	0.77	0.74	0.80	0.84	0.85	0.87	0.83	0.72	
sigma(Tx_Th)	39.83	39.77	39.67	39.62	39.41	38.93	38.47	38.36	38.62	39.35	40.04	39.99	
emissivity	0.11	0.11	0.11	0.11	0.12	0.13	0.14	0.14	0.14	0.13	0.12	0.11	
Rbo	4.27	4.21	4.27	4.53	4.64	4.98	5.28	5.36	5.29	4.99	4.65	4.33	
LWR	2.63	2.34	2.82	3.43	3.56	3.71	4.25	4.50	4.50	4.37	3.87	3.12	
Rn (Ros-RI)	10.70	11.15	13.20	14.48	14.23	13.40	13.90	14.49	14.54	14.09	12.72	11.27	
G	-0.04	-0.01	-0.03	-0.01	-0.06	-0.13	-0.13	-0.03	0.07	0.20	0.18	-0.01	
Rn-G	10.75	11.17	13.23	14.49	14.29	13.53	14.03	14.52	14.47	13.90	12.54	11.29	
Rad Term	2.95	3.09	3.72	4.14	3.99	3.69	3.70	3.77	3.81	3.86	3.60	3.20	
Rad Term(-G)	2.97	3.09	3.72	4.15	4.00	3.73	3.73	3.78	3.80	3.81	3.55	3.20	
ETComb	3.73	3.78	4.30	4.71	4.67	4.45	4.65	4.89	4.96	4.87	4.50	3.90	
ET (-G)	-0.3%	-0.1%	-0.2%	-0.1%	-0.3%	-0.8%	-0.7%	-0.1%	0.4%	1.1%	1.1%	-0.1%	
	3.74	3.79	4.31	4.72	4.69	4.48	4.69	4.90	4.94	4.81	4.44	3.90	
	116	106	134	142	145	134	145	152	148	149	133	121	
													1626

Data

Calculation of Potentially Available Water

1 Dili**1 Bemors**

Elevation Range	Area(km2)	Refferd Elv.
- 500m	1.1	250
500 - 1000m	20.3	750
1000m -	8.9	1250
Total	30.3	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	9.459	9.580	8.387	4.439	3.506	1.745	1.078	0.528	0.695	1.520	5.424	8.907	55.268		100.0%
Evapotranspiration	E	3.513	3.215	4.048	4.164	3.506	1.745	1.078	0.528	0.695	1.520	3.990	3.663	31.665		57.3%
	P-E	5.946	6.364	4.339	0.275	0.000	0.000	0.000	0.000	0.000	0.000	1.435	5.244	23.602		42.7%
Direct Runoff	Rd = R - Rb	0.665	2.825	0.595	1.361	0.509	0.283	0.173	0.103	0.058	0.038	0.021	0.016	6.646	210.8	12.0%
Potential Available Water	Q = P - E - Rd	5.280	3.540	3.744	-1.086	-0.509	-0.283	-0.173	-0.103	-0.058	-0.038	1.414	5.227	16.956	537.7	30.7%
Total Runoff	R = Rd + Rb	0.671	2.917	3.252	2.073	0.936	0.539	0.325	0.195	0.115	0.070	0.042	0.027	11.162	354.0	20.2%
Base Flow	Rb	0.005	0.093	2.656	0.712	0.427	0.257	0.151	0.092	0.058	0.032	0.021	0.011	4.516	143.2	8.2%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	5.275	3.447	1.087	-1.798	-0.936	-0.539	-0.325	-0.195	-0.115	-0.070	1.393	5.217	12.440	394.5	22.5%

1 Dili**2 Bemori**

Elevation Range	Area(km2)	Refferd Elv.
- 500m	0.79	250
500 - 1000m	1.72	750
1000m -		1250
Total	2.51	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.654	0.664	0.587	0.317	0.247	0.130	0.075	0.034	0.045	0.097	0.349	0.601	3.803		100.0%
Evapotranspiration	E	0.291	0.266	0.335	0.317	0.247	0.130	0.075	0.034	0.045	0.097	0.301	0.303	2.444		64.3%
	P-E	0.363	0.398	0.252	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.048	0.298	1.359		35.7%
Direct Runoff	Rd = R - Rb	0.055	0.234	0.049	0.113	0.042	0.023	0.014	0.009	0.005	0.003	0.002	0.001	0.551	17.5	14.5%
Potential Available Water	Q = P - E - Rd	0.308	0.164	0.202	-0.113	-0.042	-0.023	-0.014	-0.009	-0.005	-0.003	0.046	0.297	0.808	25.6	21.3%
Total Runoff	R = Rd + Rb	0.056	0.242	0.269	0.172	0.078	0.045	0.027	0.016	0.010	0.006	0.003	0.002	0.925	29.3	24.3%
Base Flow	Rb	0.000	0.008	0.220	0.059	0.035	0.021	0.013	0.008	0.005	0.003	0.002	0.001	0.374	11.9	9.8%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.308	0.156	-0.018	-0.172	-0.078	-0.045	-0.027	-0.016	-0.010	-0.006	0.044	0.296	0.434	13.8	11.4%

1 Dili**3 Benemauk**

Elevation Range	Area(km ²)	Refferd Elv.
- 500m	3.03	250
500 - 1000m	4.57	750
1000m -		1250
Total	7.6	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	1.924	1.954	1.730	0.939	0.730	0.388	0.221	0.100	0.132	0.281	1.012	1.760	11.170		100.0%
Evapotranspiration	E	0.881	0.807	1.015	0.939	0.730	0.388	0.221	0.100	0.132	0.281	0.884	0.919	7.297		65.3%
P-E	P-E	1.043	1.148	0.714	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.127	0.842	3.873		34.7%
Direct Runoff	Rd = R - Rb	0.167	0.708	0.149	0.341	0.128	0.071	0.043	0.026	0.014	0.009	0.005	0.004	1.667	52.9	14.9%
Potential Available Water	Q = P - E - Rd	0.876	0.439	0.565	-0.341	-0.128	-0.071	-0.043	-0.026	-0.014	-0.009	0.122	0.837	2.206	69.9	19.7%
Total Runoff	R = Rd + Rb	0.168	0.732	0.816	0.520	0.235	0.135	0.081	0.049	0.029	0.018	0.011	0.007	2.800	88.8	25.1%
Base Flow	Rb	0.001	0.023	0.666	0.179	0.107	0.064	0.038	0.023	0.014	0.008	0.005	0.003	1.133	35.9	10.1%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.874	0.416	-0.101	-0.520	-0.235	-0.135	-0.081	-0.049	-0.029	-0.018	0.117	0.835	1.073	34.0	9.6%

1 Dili**4 Malao**

Elevation Range	Area(km ²)	Refferd Elv.
- 500m	1.05	250
500 - 1000m	1.98	750
1000m -		1250
Total	3.03	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.781	0.793	0.701	0.380	0.296	0.156	0.089	0.041	0.054	0.115	0.414	0.717	4.539		100.0%
Evapotranspiration	E	0.351	0.322	0.405	0.380	0.296	0.156	0.089	0.041	0.054	0.115	0.359	0.366	2.935		64.7%
P-E	P-E	0.430	0.472	0.297	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.055	0.351	1.604		35.3%
Direct Runoff	Rd = R - Rb	0.067	0.282	0.060	0.136	0.051	0.028	0.017	0.010	0.006	0.004	0.002	0.002	0.665	21.1	14.6%
Potential Available Water	Q = P - E - Rd	0.363	0.189	0.237	-0.136	-0.051	-0.028	-0.017	-0.010	-0.006	-0.004	0.053	0.349	0.939	29.8	20.7%
Total Runoff	R = Rd + Rb	0.067	0.292	0.325	0.207	0.094	0.054	0.032	0.019	0.012	0.007	0.004	0.003	1.116	35.4	24.6%
Base Flow	Rb	0.001	0.009	0.266	0.071	0.043	0.026	0.015	0.009	0.006	0.003	0.002	0.001	0.452	14.3	10.0%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.363	0.180	-0.029	-0.207	-0.094	-0.054	-0.032	-0.019	-0.012	-0.007	0.051	0.348	0.488	15.5	10.7%

1 Dili

5-9 Comoro Wells

Elevation Range	Area(km2)	Refferd Elv.
- 500m	39.4	250
500 - 1000m	142.23	750
1000m -	25.69	1250
Total	207.32	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	58.682	59.511	52.357	28.027	21.979	11.266	6.704	3.176	4.185	9.055	32.419	54.570	341.931		100.0%
Evapotranspiration	E	24.037	22.001	27.700	27.233	21.979	11.266	6.704	3.176	4.185	9.055	25.952	25.065	208.354		60.9%
	P-E	34.645	37.510	24.657	0.794	0.000	0.000	0.000	0.000	0.000	0.000	6.466	29.505	133.577		39.1%
Direct Runoff	Rd = R - Rb	4.553	19.326	4.072	9.314	3.480	1.935	1.185	0.703	0.394	0.259	0.143	0.111	45.476	1,442.0	13.3%
Potencial Available Water	Q = P - E - Rd	30.092	18.184	20.585	-8.521	-3.480	-1.935	-1.185	-0.703	-0.394	-0.259	6.323	29.394	88.101	2,793.7	25.8%
Total Runoff	R = Rd + Rb	4.590	19.962	22.248	14.187	6.404	3.690	2.221	1.333	0.788	0.481	0.287	0.185	76.376	2,421.9	22.3%
Base Flow	Rb	0.037	0.635	18.176	4.872	2.925	1.755	1.037	0.629	0.394	0.222	0.143	0.074	30.900	979.8	9.0%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	30.055	17.548	2.408	-13.393	-6.404	-3.690	-2.221	-1.333	-0.788	-0.481	6.180	29.320	57.201	1,813.8	16.7%

1 Dili

10-13 Kuluhun - Bidau Wells

Elevation Range	Area(km2)	Refferd Elv.
- 500m	25.7	250
500 - 1000m	8.64	750
1000m -		1250
Total	34.34	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	7.611	7.749	6.915	3.822	2.938	1.632	0.876	0.374	0.494	1.031	3.730	6.813	43.985		100.0%
Evapotranspiration	E	3.981	3.644	4.588	3.822	2.938	1.632	0.876	0.374	0.494	1.031	3.490	4.152	31.022		70.5%
	P-E	3.630	4.104	2.327	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.240	2.661	12.963		29.5%
Direct Runoff	Rd = R - Rb	0.754	3.201	0.674	1.543	0.576	0.320	0.196	0.117	0.065	0.043	0.024	0.018	7.533	238.9	17.1%
Potencial Available Water	Q = P - E - Rd	2.876	0.903	1.652	-1.543	-0.576	-0.320	-0.196	-0.117	-0.065	-0.043	0.216	2.643	5.430	172.2	12.3%
Total Runoff	R = Rd + Rb	0.760	3.306	3.685	2.350	1.061	0.611	0.368	0.221	0.131	0.080	0.047	0.031	12.651	401.2	28.8%
Base Flow	Rb	0.006	0.105	3.011	0.807	0.484	0.291	0.172	0.104	0.065	0.037	0.024	0.012	5.118	162.3	11.6%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	2.870	0.798	-1.358	-2.350	-1.061	-0.611	-0.368	-0.221	-0.131	-0.080	0.193	2.631	0.312	9.9	0.7%

1 Dili
14-16 Hera

Elevation Range	Area(km2)	Refferd Elv.
- 500m	30.72	250
500 - 1000m	11.09	750
1000m -	2.09	1250
Total	43.9	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	10.110	10.286	9.157	5.034	3.882	2.128	1.162	0.505	0.668	1.403	5.064	9.111	58.511		100.0%
Evapotranspiration	E	5.090	4.659	5.865	4.970	3.882	2.128	1.162	0.505	0.668	1.403	4.551	5.308	40.191		68.7%
	P-E	5.021	5.627	3.292	0.065	0.000	0.000	0.000	0.000	0.000	0.000	0.513	3.804	18.320		31.3%
Direct Runoff	Rd = R - Rb	0.964	4.092	0.862	1.972	0.737	0.410	0.251	0.149	0.083	0.055	0.030	0.024	9.630	305.4	16.5%
Potencial Available Water	Q = P - E - Rd	4.056	1.535	2.429	-1.908	-0.737	-0.410	-0.251	-0.149	-0.083	-0.055	0.482	3.780	8.691	275.6	14.9%
Total Runoff	R = Rd + Rb	0.972	4.227	4.711	3.004	1.356	0.781	0.470	0.282	0.167	0.102	0.061	0.039	16.173	512.8	27.6%
Base Flow	Rb	0.008	0.135	3.849	1.032	0.619	0.372	0.219	0.133	0.083	0.047	0.030	0.016	6.543	207.5	11.2%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	4.049	1.400	-1.420	-2.939	-1.356	-0.781	-0.470	-0.282	-0.167	-0.102	0.452	3.764	2.148	68.1	3.7%

2 Atauro

2 Mota Tulai

Elevation Range	Area(km2)	Refferd Elv.
- 500m	0.33	250
500 - 1000m	0.78	750
1000m -		1250
Total	1.11	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.291	0.296	0.261	0.141	0.110	0.058	0.033	0.015	0.020	0.043	0.156	0.268	1.692		100.0%
Evapotranspiration	E	0.129	0.118	0.148	0.141	0.110	0.058	0.033	0.015	0.020	0.043	0.134	0.134	1.084		64.1%
	P-E	0.162	0.178	0.113	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.022	0.134	0.608		35.9%
Direct Runoff	Rd = R - Rb	0.024	0.103	0.022	0.050	0.019	0.010	0.006	0.004	0.002	0.001	0.001	0.001	0.243	7.7	14.4%
Potencial Available Water	Q = P - E - Rd	0.138	0.074	0.091	-0.050	-0.019	-0.010	-0.006	-0.004	-0.002	-0.001	0.021	0.133	0.365	11.6	21.6%
Total Runoff	R = Rd + Rb	0.025	0.107	0.119	0.076	0.034	0.020	0.012	0.007	0.004	0.003	0.002	0.001	0.409	13.0	24.2%
Base Flow	Rb	0.000	0.003	0.097	0.026	0.016	0.009	0.006	0.003	0.002	0.001	0.001	0.000	0.165	5.2	9.8%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.138	0.071	-0.006	-0.076	-0.034	-0.020	-0.012	-0.007	-0.004	-0.003	0.020	0.133	0.199	6.3	11.8%

2 Atauro

1 Mota Ekklai

Elevation Range	Area(km2)	Refferd Elv.
- 500m	0.063	250
500 - 1000m	0.04	750
1000m -		1250
Total	0.103	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.024	0.025	0.022	0.012	0.009	0.005	0.003	0.001	0.002	0.003	0.012	0.022	0.140		100.0%
Evapotranspiration	E	0.012	0.011	0.014	0.012	0.009	0.005	0.003	0.001	0.002	0.003	0.011	0.012	0.095		68.3%
P-E	P-E	0.012	0.014	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.009	0.044		31.7%
Direct Runoff	Rd = R - Rb	0.002	0.010	0.002	0.005	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.023	0.7	16.2%
Potential Available Water	Q = P - E - Rd	0.010	0.004	0.006	-0.005	-0.002	-0.001	-0.001	0.000	0.000	0.000	0.001	0.009	0.022	0.7	15.5%
Total Runoff	R = Rd + Rb	0.002	0.010	0.011	0.007	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.038	1.2	27.2%
Base Flow	Rb	0.000	0.000	0.009	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.015	0.5	11.0%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.010	0.004	-0.003	-0.007	-0.003	-0.002	-0.001	-0.001	0.000	0.000	0.001	0.009	0.006	0.2	4.5%

2 Atauro

3 Mota Lampia

Elevation Range	Area(km2)	Refferd Elv.
- 500m	0.664	250
500 - 1000m	0.04	750
1000m -		1250
Total	0.704	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.144	0.147	0.131	0.074	0.056	0.032	0.017	0.007	0.009	0.018	0.067	0.127	0.828		100.0%
Evapotranspiration	E	0.082	0.075	0.094	0.074	0.056	0.032	0.017	0.007	0.009	0.018	0.066	0.085	0.614		74.2%
P-E	P-E	0.062	0.072	0.037	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.042	0.214		25.8%
Direct Runoff	Rd = R - Rb	0.015	0.066	0.014	0.032	0.012	0.007	0.004	0.002	0.001	0.001	0.000	0.000	0.154	4.9	18.7%
Potential Available Water	Q = P - E - Rd	0.047	0.006	0.024	-0.032	-0.012	-0.007	-0.004	-0.002	-0.001	-0.001	0.001	0.041	0.060	1.9	7.2%
Total Runoff	R = Rd + Rb	0.016	0.068	0.076	0.048	0.022	0.013	0.008	0.005	0.003	0.002	0.001	0.001	0.259	8.2	31.3%
Base Flow	Rb	0.000	0.002	0.062	0.017	0.010	0.006	0.004	0.002	0.001	0.001	0.000	0.000	0.105	3.3	12.7%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.046	0.004	-0.038	-0.048	-0.022	-0.013	-0.008	-0.005	-0.003	-0.002	0.000	0.041	-0.045	-1.4	-5.5%

3 Manatuto**1 Manatuto Spring**

Elevation Range	Area(km2)	Refferd Elv.
- 500m	2.43	250
500 - 1000m		750
1000m -		1250
Total	2.43	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.484	0.493	0.443	0.249	0.190	0.109	0.056	0.022	0.030	0.061	0.221	0.424	2.782		100.0%
Evapotranspiration	E	0.282	0.258	0.325	0.249	0.190	0.109	0.056	0.022	0.030	0.061	0.221	0.294	2.096		75.3%
P-E	P-E	0.202	0.235	0.119	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.130	0.686		24.7%
Direct Runoff	Rd = R - Rb	0.053	0.227	0.048	0.109	0.041	0.023	0.014	0.008	0.005	0.003	0.002	0.001	0.533	16.9	19.2%
Potential Available Water	Q = P - E - Rd	0.148	0.009	0.071	-0.109	-0.041	-0.023	-0.014	-0.008	-0.005	-0.003	-0.002	0.129	0.153	4.9	5.5%
Total Runoff	R = Rd + Rb	0.054	0.234	0.261	0.166	0.075	0.043	0.026	0.016	0.009	0.006	0.003	0.002	0.895	28.4	32.2%
Base Flow	Rb	0.000	0.007	0.213	0.057	0.034	0.021	0.012	0.007	0.005	0.003	0.002	0.001	0.362	11.5	13.0%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.148	0.001	-0.142	-0.166	-0.075	-0.043	-0.026	-0.016	-0.009	-0.006	-0.003	0.128	-0.209	-6.6	-7.5%

3 Manatuto**2 Lado, Sumasse River**

Elevation Range	Area(km2)	Refferd Elv.
- 500m	360.62	250
500 - 1000m	531.33	750
1000 - 1500m	289.03	1250
1500m -	36.22	1750
Total	1217.2	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	361.860	366.584	325.733	186.879	152.398	91.238	65.256	45.135	50.897	78.712	212.126	338.473	2275.293		100.0%
Evapotranspiration	E	151.135	139.037	174.870	175.561	151.579	91.238	65.256	45.135	50.897	78.712	163.011	157.516	1443.949		63.5%
P-E	P-E	210.725	227.547	150.863	11.318	0.819	0.000	0.000	0.000	0.000	0.000	49.116	180.957	831.344		36.5%
Direct Runoff	Rd = R - Rb	26.733	113.467	23.908	54.686	20.430	11.358	6.955	4.130	2.314	1.521	0.841	0.652	266.996	8,466	11.7%
Potential Available Water	Q = P - E - Rd	183.992	114.080	126.955	-43.368	-19.611	-11.358	-6.955	-4.130	-2.314	-1.521	48.274	180.305	564.348	17,895	24.8%
Total Runoff	R = Rd + Rb	26.951	117.197	130.623	83.292	37.600	21.664	13.041	7.824	4.627	2.825	1.683	1.087	448.414	14,219	19.7%
Base Flow	Rb	0.217	3.730	106.716	28.605	17.170	10.306	6.086	3.695	2.314	1.304	0.841	0.435	181.418	5,753	8.0%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	183.775	110.350	20.239	-71.974	-36.781	-21.664	-13.041	-7.824	-4.627	-2.825	47.433	179.870	382.930	12,143	16.8%

4 Baucau

1 Wailia

Elevation Range	Area(km2)	Refferd Elv.
- 500m	6.4	250
500 - 1000m	34.2	750
1000m -		1250
Total	40.6	2250 2290.6

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	11.157	11.320	9.975	5.359	4.193	2.169	1.276	0.598	0.788	1.699	6.089	10.334	64.955		100.0%
Evapotranspiration	E	4.707	4.308	5.425	5.359	4.193	2.169	1.276	0.598	0.788	1.699	5.138	4.909	40.568		62.5%
P-E	P-E	6.450	7.011	4.550	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.951	5.425	24.387		37.5%
Direct Runoff	Rd = R - Rb	0.892	3.785	0.797	1.824	0.681	0.379	0.232	0.138	0.077	0.051	0.028	0.022	8.906	282.4	13.7%
Potencial Available Water	Q = P - E - Rd	5.559	3.227	3.752	-1.824	-0.681	-0.379	-0.232	-0.138	-0.077	-0.051	0.923	5.403	15.482	490.9	23.8%
Total Runoff	R = Rd + Rb	0.899	3.909	4.357	2.778	1.254	0.723	0.435	0.261	0.154	0.094	0.056	0.036	14.957	474.3	23.0%
Base Flow	Rb	0.007	0.124	3.560	0.954	0.573	0.344	0.203	0.123	0.077	0.043	0.028	0.014	6.051	191.9	9.3%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	5.551	3.102	0.193	-2.778	-1.254	-0.723	-0.435	-0.261	-0.154	-0.094	0.895	5.389	9.430	299.0	14.5%

5 Lospalos

1 Papapa

Elevation Range	Area(km2)	Refferd Elv.
- 500m	21.04	425
500 - 1000m	0.26	500
1000m -		1250
Total	21.3	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	4.913	4.998	4.449	2.446	1.886	1.033	0.565	0.246	0.325	0.682	2.463	4.429	28.435		100.0%
Evapotranspiration	E	2.470	2.260	2.846	2.446	1.886	1.033	0.565	0.246	0.325	0.682	2.465	2.575	19.798		69.6%
P-E	P-E	2.444	2.738	1.603	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.002	1.854	8.637		30.4%
Direct Runoff	Rd = R - Rb	0.468	1.986	0.418	0.957	0.358	0.199	0.122	0.072	0.040	0.027	0.015	0.011	4.672	148.2	16.4%
Potencial Available Water	Q = P - E - Rd	1.976	0.752	1.185	-0.957	-0.358	-0.199	-0.122	-0.072	-0.040	-0.027	-0.017	1.842	3.965	125.7	13.9%
Total Runoff	R = Rd + Rb	0.472	2.051	2.286	1.458	0.658	0.379	0.228	0.137	0.081	0.049	0.029	0.019	7.847	248.8	27.6%
Base Flow	Rb	0.004	0.065	1.867	0.501	0.300	0.180	0.106	0.065	0.040	0.023	0.015	0.008	3.175	100.7	11.2%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	1.972	0.687	-0.682	-1.458	-0.658	-0.379	-0.228	-0.137	-0.081	-0.049	-0.031	1.835	0.790	25.0	2.8%

6 Viqueque**1 Loihuno**

Elevation Range	Area(km2)	Refferd Elv.
- 500m	9.46	250
500 - 750m	6.45	500
750m -	2.09	750
Total	18	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	4.060	4.132	3.684	4.979	8.061	5.324	3.013	0.715	0.665	0.556	2.010	3.646	40.846		100.0%
Evapotranspiration	E	2.087	1.910	2.405	2.549	2.617	2.419	2.448	0.715	0.665	0.556	1.952	2.176	22.499		55.1%
	P-E	1.973	2.222	1.279	2.431	5.444	2.905	0.565	0.000	0.000	0.000	0.058	1.470	18.347		44.9%
Direct Runoff	Rd = R - Rb	0.395	1.678	0.354	0.809	0.302	0.168	0.103	0.061	0.034	0.022	0.012	0.010	3.948	125.2	9.7%
Potencial Available Water	Q = P - E - Rd	1.578	0.544	0.925	1.622	5.142	2.737	0.462	-0.061	-0.034	-0.022	0.046	1.460	14.398	456.6	35.3%
Total Runoff	R = Rd + Rb	0.399	1.733	1.932	1.232	0.556	0.320	0.193	0.116	0.068	0.042	0.025	0.016	6.631	210.3	16.2%
Base Flow	Rb	0.003	0.055	1.578	0.423	0.254	0.152	0.090	0.055	0.034	0.019	0.012	0.006	2.683	85.1	6.6%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	1.575	0.489	-0.653	1.199	4.888	2.585	0.372	-0.116	-0.068	-0.042	0.033	1.454	11.716	371.5	28.7%

7 Same**1 Carbulau**

Elevation Range	Area(km2)	Refferd Elv.
- 500m		250
500 - 750m		500
750m -	1.03	750
Total	1.03	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.298	0.302	0.265	0.495	0.792	0.490	0.270	0.053	0.049	0.046	0.166	0.278	3.503		100.0%
Evapotranspiration	E	0.119	0.109	0.138	0.146	0.150	0.138	0.150	0.053	0.049	0.046	0.137	0.125	1.360		38.8%
	P-E	0.178	0.192	0.128	0.350	0.642	0.351	0.121	0.000	0.000	0.000	0.029	0.153	2.143		61.2%
Direct Runoff	Rd = R - Rb	0.023	0.096	0.020	0.046	0.017	0.010	0.006	0.003	0.002	0.001	0.001	0.001	0.226	7.2	6.4%
Potencial Available Water	Q = P - E - Rd	0.156	0.096	0.107	0.303	0.625	0.342	0.115	-0.003	-0.002	-0.001	0.028	0.153	1.917	60.8	54.7%
Total Runoff	R = Rd + Rb	0.023	0.099	0.111	0.070	0.032	0.018	0.011	0.007	0.004	0.002	0.001	0.001	0.379	12.0	10.8%
Base Flow	Rb	0.000	0.003	0.090	0.024	0.015	0.009	0.005	0.003	0.002	0.001	0.001	0.000	0.154	4.9	4.4%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.155	0.093	0.017	0.279	0.610	0.333	0.110	-0.007	-0.004	-0.002	0.027	0.152	1.764	55.9	50.4%

7 Same

2 Kotalala

Elevation Range	Area(km2)	Refferd Elv.
- 500m		250
500 - 750m		500
750m -	10.94	750
Total	10.94	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	3.162	3.205	2.817	5.262	8.407	5.202	2.872	0.558	0.520	0.492	1.761	2.948	37.207		100.0%
Evapotranspiration	E	1.268	1.161	1.462	1.549	1.591	1.470	1.591	0.558	0.520	0.492	1.457	1.323	14.441		38.8%
	P-E	1.893	2.044	1.355	3.713	6.817	3.732	1.281	0.000	0.000	0.000	0.304	1.626	22.766		61.2%
Direct Runoff	Rd = R - Rb	0.240	1.020	0.215	0.492	0.184	0.102	0.063	0.037	0.021	0.014	0.008	0.006	2.400	76.1	6.4%
Potential Available Water	Q = P - E - Rd	1.653	1.025	1.140	3.222	6.633	3.630	1.219	-0.037	-0.021	-0.014	0.297	1.620	20.366	645.8	54.7%
Total Runoff	R = Rd + Rb	0.242	1.053	1.174	0.749	0.338	0.195	0.117	0.070	0.042	0.025	0.015	0.010	4.030	127.8	10.8%
Base Flow	Rb	0.002	0.034	0.959	0.257	0.154	0.093	0.055	0.033	0.021	0.012	0.008	0.004	1.631	51.7	4.4%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	1.651	0.991	0.181	2.964	6.479	3.537	1.164	-0.070	-0.042	-0.025	0.289	1.616	18.735	594.1	50.4%

7 Same

3 Mirbute

Elevation Range	Area(km2)	Refferd Elv.
- 500m		250
500 - 750m	0.125	500
750m -	0.395	750
Total	0.52	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.145	0.147	0.129	0.232	0.371	0.231	0.128	0.026	0.024	0.022	0.079	0.134	1.668		100.0%
Evapotranspiration	E	0.060	0.055	0.069	0.074	0.076	0.070	0.076	0.026	0.024	0.022	0.068	0.063	0.682		40.9%
	P-E	0.084	0.092	0.060	0.158	0.296	0.161	0.052	0.000	0.000	0.000	0.011	0.071	0.986		59.1%
Direct Runoff	Rd = R - Rb	0.011	0.048	0.010	0.023	0.009	0.005	0.003	0.002	0.001	0.001	0.000	0.000	0.114	3.6	6.8%
Potential Available Water	Q = P - E - Rd	0.073	0.043	0.050	0.135	0.287	0.157	0.049	-0.002	-0.001	-0.001	0.011	0.071	0.872	27.6	52.3%
Total Runoff	R = Rd + Rb	0.012	0.050	0.056	0.036	0.016	0.009	0.006	0.003	0.002	0.001	0.001	0.000	0.192	6.1	11.5%
Base Flow	Rb	0.000	0.002	0.046	0.012	0.007	0.004	0.003	0.002	0.001	0.001	0.000	0.000	0.078	2.5	4.6%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.073	0.041	0.004	0.123	0.280	0.152	0.047	-0.003	-0.002	-0.001	0.010	0.071	0.794	25.2	47.6%

8 Ainaro

1 Ainaro

8

Elevation Range	Area(km2)	Refferd Elv.
- 500m		250
500 - 750m		500
750m -	8.93	750
Total	8.93	

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	2.581	2.616	2.299	4.295	6.863	4.246	2.344	0.455	0.424	0.402	1.438	2.407	30.371		100.0%
Evapotranspiration	1.035	0.948	1.193	1.264	1.298	1.200	1.298	0.455	0.424	0.402	1.189	1.080	11.788		38.8%
P-E	1.545	1.669	1.106	3.031	5.564	3.046	1.046	0.000	0.000	0.000	0.248	1.327	18.583		61.2%
Direct Runoff	0.196	0.832	0.175	0.401	0.150	0.083	0.051	0.030	0.017	0.011	0.006	0.005	1.959	62.1	6.4%
Potencial Available Water	1.349	0.836	0.931	2.630	5.414	2.963	0.995	-0.030	-0.017	-0.011	0.242	1.322	16.624	527.1	54.7%
Total Runoff	0.198	0.860	0.958	0.611	0.276	0.159	0.096	0.057	0.034	0.021	0.012	0.008	3.290	104.3	10.8%
Base Flow	0.002	0.027	0.783	0.210	0.126	0.076	0.045	0.027	0.017	0.010	0.006	0.003	1.331	42.2	4.4%
Groundwater Recharge	1.348	0.809	0.148	2.420	5.289	2.887	0.950	-0.057	-0.034	-0.021	0.236	1.319	15.293	484.9	50.4%

9 Aileu**1 Mantane**

Elevation Range	Area(km2)	Refferd Elv.
- 500m	9.99	750
500 - 1000m	47.5	1250
1000m -	5.28	1750
Total	62.77	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	23.366	23.617	20.518	10.663	8.521	4.033	2.652	1.366	1.796	3.986	14.170	22.432	137.120		100.0%
Evapotranspiration	E	7.278	6.661	8.387	8.847	8.402	4.033	2.652	1.366	1.796	3.986	8.361	7.589	69.357		50.6%
	P-E	16.088	16.956	12.131	1.816	0.119	0.000	0.000	0.000	0.000	0.000	5.809	14.843	67.763		49.4%
Direct Runoff	Rd = R - Rb	1.379	5.851	1.233	2.820	1.054	0.586	0.359	0.213	0.119	0.078	0.043	0.034	13.769	436.6	10.0%
Potential Available Water	Q = P - E - Rd	14.710	11.104	10.898	-1.004	-0.934	-0.586	-0.359	-0.213	-0.119	-0.078	5.766	14.810	53.994	1,712.1	39.4%
Total Runoff	R = Rd + Rb	1.390	6.044	6.736	4.295	1.939	1.117	0.672	0.403	0.239	0.146	0.087	0.056	23.124	733.3	16.9%
Base Flow	Rb	0.011	0.192	5.503	1.475	0.885	0.531	0.314	0.191	0.119	0.067	0.043	0.022	9.356	296.7	6.8%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	14.699	10.912	5.395	-2.480	-1.820	-1.117	-0.672	-0.403	-0.239	-0.146	5.722	14.787	44.639	1,415.5	32.6%

9 Aileu**2 Sloi**

Elevation Range	Area(km2)	Refferd Elv.
- 500m		250
500 - 1000m		750
1000m -	0.99	1250
Total	0.99	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.375	0.379	0.329	0.171	0.137	0.064	0.043	0.022	0.029	0.064	0.229	0.361	2.203		100.0%
Evapotranspiration	E	0.115	0.105	0.132	0.140	0.137	0.064	0.043	0.022	0.029	0.064	0.132	0.120	1.103		50.1%
	P-E	0.260	0.274	0.197	0.031	0.000	0.000	0.000	0.000	0.000	0.000	0.097	0.241	1.100		49.9%
Direct Runoff	Rd = R - Rb	0.022	0.092	0.019	0.044	0.017	0.009	0.006	0.003	0.002	0.001	0.001	0.001	0.217	6.9	9.9%
Potential Available Water	Q = P - E - Rd	0.239	0.182	0.177	-0.014	-0.017	-0.009	-0.006	-0.003	-0.002	-0.001	0.096	0.241	0.883	28.0	40.1%
Total Runoff	R = Rd + Rb	0.022	0.095	0.106	0.068	0.031	0.018	0.011	0.006	0.004	0.002	0.001	0.001	0.365	11.6	16.6%
Base Flow	Rb	0.000	0.003	0.087	0.023	0.014	0.008	0.005	0.003	0.002	0.001	0.001	0.000	0.148	4.7	6.7%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.239	0.179	0.091	-0.037	-0.031	-0.018	-0.011	-0.006	-0.004	-0.002	0.095	0.240	0.735	23.3	33.4%

9 Aileu**3 Narfsaisaran**

Elevation Range	Area(km2)	Refferd Elv.
- 500m		250
500 - 1000m		750
1000m -	0.125	1250
Total	0.125	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.047	0.048	0.042	0.022	0.017	0.008	0.005	0.003	0.004	0.008	0.029	0.046	0.278		100.0%
Evapotranspiration	E	0.014	0.013	0.017	0.018	0.017	0.008	0.005	0.003	0.004	0.008	0.017	0.015	0.139		50.1%
	P-E	0.033	0.035	0.025	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.030	0.139		49.9%
Direct Runoff	Rd = R - Rb	0.003	0.012	0.002	0.006	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.027	0.9	9.9%
Potencial Available Water	Q = P - E - Rd	0.030	0.023	0.022	-0.002	-0.002	-0.001	-0.001	0.000	0.000	0.000	0.012	0.030	0.111	3.5	40.1%
Total Runoff	R = Rd + Rb	0.003	0.012	0.013	0.009	0.004	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.046	1.5	16.6%
Base Flow	Rb	0.000	0.000	0.011	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.019	0.6	6.7%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.030	0.023	0.011	-0.005	-0.004	-0.002	-0.001	-0.001	0.000	0.000	0.012	0.030	0.093	2.9	33.4%

9 Aileu**4 Hularema**

Elevation Range	Area(km2)	Refferd Elv.
- 500m		250
500 - 1000m		750
1000m -	0.36	1250
Total	0.36	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.136	0.138	0.120	0.062	0.050	0.023	0.015	0.008	0.011	0.023	0.083	0.131	0.801		100.0%
Evapotranspiration	E	0.042	0.038	0.048	0.051	0.050	0.023	0.015	0.008	0.011	0.023	0.048	0.044	0.401		50.1%
	P-E	0.095	0.100	0.072	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.035	0.088	0.400		49.9%
Direct Runoff	Rd = R - Rb	0.008	0.034	0.007	0.016	0.006	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.079	2.5	9.9%
Potencial Available Water	Q = P - E - Rd	0.087	0.066	0.065	-0.005	-0.006	-0.003	-0.002	-0.001	-0.001	0.000	0.035	0.088	0.321	10.2	40.1%
Total Runoff	R = Rd + Rb	0.008	0.035	0.039	0.025	0.011	0.006	0.004	0.002	0.001	0.001	0.000	0.000	0.133	4.2	16.6%
Base Flow	Rb	0.000	0.001	0.032	0.008	0.005	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.054	1.7	6.7%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.087	0.065	0.033	-0.014	-0.011	-0.006	-0.004	-0.002	-0.001	-0.001	0.035	0.087	0.267	8.5	33.4%

10 Mausisse**1 Raikuaku Ulun**

Elevation Range	Area(km2)	Refferd Elv.
- 500m		
500 - 1000m		
1000m -	1.26	1750
Total	1.26	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.591	0.596	0.513	0.261	0.212	0.095	0.067	0.036	0.048	0.107	0.379	0.579	3.484		100.0%
Evapotranspiration	E	0.146	0.134	0.168	0.178	0.183	0.095	0.067	0.036	0.048	0.107	0.168	0.152	1.482		42.5%
P-E	P-E	0.445	0.462	0.345	0.083	0.028	0.000	0.000	0.000	0.000	0.000	0.211	0.427	2.002		57.5%
Direct Runoff	Rd = R - Rb	0.028	0.117	0.025	0.057	0.021	0.012	0.007	0.004	0.002	0.002	0.001	0.001	0.276	8.8	7.9%
Potencial Available Water	Q = P - E - Rd	0.417	0.345	0.320	0.026	0.007	-0.012	-0.007	-0.004	-0.002	-0.002	0.211	0.426	1.725	54.7	49.5%
Total Runoff	R = Rd + Rb	0.028	0.121	0.135	0.086	0.039	0.022	0.013	0.008	0.005	0.003	0.002	0.001	0.464	14.7	13.3%
Base Flow	Rb	0.000	0.004	0.110	0.030	0.018	0.011	0.006	0.004	0.002	0.001	0.001	0.000	0.188	6.0	5.4%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.417	0.341	0.210	-0.003	-0.010	-0.022	-0.013	-0.008	-0.005	-0.003	0.210	0.426	1.538	48.8	44.1%

10 Mausisse**2 Bucana**

Elevation Range	Area(km2)	Refferd Elv.
1000m -	0.47	1750
Total	0.47	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.220	0.222	0.192	0.098	0.079	0.035	0.025	0.014	0.018	0.040	0.141	0.216	1.300		100.0%
Evapotranspiration	E	0.054	0.050	0.063	0.067	0.068	0.035	0.025	0.014	0.018	0.040	0.063	0.057	0.553		42.5%
P-E	P-E	0.166	0.172	0.129	0.031	0.011	0.000	0.000	0.000	0.000	0.000	0.079	0.159	0.747		57.5%
Direct Runoff	Rd = R - Rb	0.010	0.044	0.009	0.021	0.008	0.004	0.003	0.002	0.001	0.001	0.000	0.000	0.103	3.3	7.9%
Potencial Available Water	Q = P - E - Rd	0.156	0.129	0.119	0.010	0.003	-0.004	-0.003	-0.002	-0.001	-0.001	0.079	0.159	0.644	20.4	49.5%
Total Runoff	R = Rd + Rb	0.010	0.045	0.050	0.032	0.015	0.008	0.005	0.003	0.002	0.001	0.001	0.000	0.173	5.5	13.3%
Base Flow	Rb	0.000	0.001	0.041	0.011	0.007	0.004	0.002	0.001	0.001	0.001	0.000	0.000	0.070	2.2	5.4%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.156	0.127	0.078	-0.001	-0.004	-0.008	-0.005	-0.003	-0.002	-0.001	0.078	0.159	0.574	18.2	44.1%

10 Maubisse
3 Filmou

Elevation Range	Area(km2)	Refferd Elv.
1500m -	0.17	1750
Total	0.17	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.080	0.080	0.069	0.035	0.029	0.013	0.009	0.005	0.006	0.014	0.051	0.078	0.470		100.0%
Evapotranspiration	E	0.020	0.018	0.023	0.024	0.025	0.013	0.009	0.005	0.006	0.014	0.023	0.021	0.200		42.5%
	P-E	0.060	0.062	0.047	0.011	0.004	0.000	0.000	0.000	0.000	0.000	0.029	0.058	0.270		57.5%
Direct Runoff	Rd = R - Rb	0.004	0.016	0.003	0.008	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.037	1.2	7.9%
Potential Available Water	Q = P - E - Rd	0.056	0.047	0.043	0.004	0.001	-0.002	-0.001	-0.001	0.000	0.000	0.028	0.057	0.233	7.4	49.5%
Total Runoff	R = Rd + Rb	0.004	0.016	0.018	0.012	0.005	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.063	2.0	13.3%
Base Flow	Rb	0.000	0.001	0.015	0.004	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.025	0.8	5.4%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.056	0.046	0.028	0.000	-0.001	-0.003	-0.002	-0.001	-0.001	0.000	0.028	0.057	0.207	6.6	44.1%

10 Maubisse
4 Eluru

Elevation Range	Area(km2)	Refferd Elv.
1000 - 1500m	0.02	1250
1500m -	0.21	1750
Total	0.23	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.106	0.107	0.092	0.047	0.038	0.017	0.012	0.006	0.009	0.019	0.068	0.104	0.625		100.0%
Evapotranspiration	E	0.027	0.024	0.031	0.033	0.033	0.017	0.012	0.006	0.009	0.019	0.031	0.028	0.269		43.1%
	P-E	0.079	0.083	0.061	0.014	0.005	0.000	0.000	0.000	0.000	0.000	0.037	0.076	0.356		56.9%
Direct Runoff	Rd = R - Rb	0.005	0.021	0.005	0.010	0.004	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.050	1.6	8.1%
Potential Available Water	Q = P - E - Rd	0.074	0.061	0.057	0.004	0.001	-0.002	-0.001	-0.001	0.000	0.000	0.037	0.076	0.305	9.7	48.9%
Total Runoff	R = Rd + Rb	0.005	0.022	0.025	0.016	0.007	0.004	0.002	0.001	0.001	0.001	0.000	0.000	0.085	2.7	13.6%
Base Flow	Rb	0.000	0.001	0.020	0.005	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.034	1.1	5.5%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.074	0.060	0.037	-0.001	-0.002	-0.004	-0.002	-0.001	-0.001	-0.001	0.037	0.076	0.271	8.6	43.4%

11 Gleno**1 Mota Boot**

Elevation Range	Area(km2)	Refferd Elv.
		250
1000 - 1500m	5.53	1250
1500m -	0.91	1750
Total	6.44	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	2.523	2.548	2.210	1.143	0.916	0.428	0.286	0.149	0.196	0.437	1.551	2.434	14.820		100.0%
Evapotranspiration	E	0.747	0.683	0.860	0.912	0.895	0.428	0.286	0.149	0.196	0.437	0.858	0.779	7.230		48.8%
	P-E	1.776	1.865	1.349	0.231	0.021	0.000	0.000	0.000	0.000	0.000	0.694	1.655	7.590		51.2%
Direct Runoff	Rd = R - Rb	0.141	0.600	0.126	0.289	0.108	0.060	0.037	0.022	0.012	0.008	0.004	0.003	1.413	44.8	9.5%
Potential Available Water	Q = P - E - Rd	1.635	1.265	1.223	-0.058	-0.088	-0.060	-0.037	-0.022	-0.012	-0.008	0.689	1.652	6.178	195.9	41.7%
Total Runoff	R = Rd + Rb	0.143	0.620	0.691	0.441	0.199	0.115	0.069	0.041	0.024	0.015	0.009	0.006	2.372	75.2	16.0%
Base Flow	Rb	0.001	0.020	0.565	0.151	0.091	0.055	0.032	0.020	0.012	0.007	0.004	0.002	0.960	30.4	6.5%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	1.633	1.245	0.658	-0.210	-0.178	-0.115	-0.069	-0.041	-0.024	-0.015	0.685	1.649	5.218	165.5	35.2%

11 Gleno**2 Mota Kiik**

Elevation Range	Area(km2)	Refferd Elv.
		1250
1000 - 1500m	0.67	1250
1500m -	0.14	1750
Total	0.81	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.320	0.323	0.280	0.145	0.116	0.054	0.036	0.019	0.025	0.055	0.197	0.309	1.878		100.0%
Evapotranspiration	E	0.094	0.086	0.108	0.115	0.113	0.054	0.036	0.019	0.025	0.055	0.108	0.098	0.911		48.5%
	P-E	0.226	0.237	0.172	0.030	0.003	0.000	0.000	0.000	0.000	0.000	0.089	0.211	0.967		51.5%
Direct Runoff	Rd = R - Rb	0.018	0.076	0.016	0.036	0.014	0.008	0.005	0.003	0.002	0.001	0.001	0.000	0.178	5.6	9.5%
Potential Available Water	Q = P - E - Rd	0.208	0.161	0.156	-0.006	-0.010	-0.008	-0.005	-0.003	-0.002	-0.001	0.088	0.210	0.789	25.0	42.0%
Total Runoff	R = Rd + Rb	0.018	0.078	0.087	0.055	0.025	0.014	0.009	0.005	0.003	0.002	0.001	0.001	0.298	9.5	15.9%
Base Flow	Rb	0.000	0.002	0.071	0.019	0.011	0.007	0.004	0.002	0.002	0.001	0.001	0.000	0.121	3.8	6.4%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.208	0.159	0.085	-0.025	-0.022	-0.014	-0.009	-0.005	-0.003	-0.002	0.088	0.210	0.668	21.2	35.6%

12 Ermera

2 Elsol

Elevation Range	Area(km2)	Refferd Elv.
- 500m		250
500 - 1000m		750
1000m -	0.064	1250
Total	0.064	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.024	0.025	0.021	0.011	0.009	0.004	0.003	0.001	0.002	0.004	0.015	0.023	0.142		100.0%
Evapotranspiration	E	0.007	0.007	0.009	0.009	0.009	0.004	0.003	0.001	0.002	0.004	0.009	0.008	0.071		50.1%
P-E	P-E	0.017	0.018	0.013	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.016	0.071		49.9%
Direct Runoff	Rd = R - Rb	0.001	0.006	0.001	0.003	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.014	0.4	9.9%
Potential Available Water	Q = P - E - Rd	0.015	0.012	0.011	-0.001	-0.001	-0.001	0.000	0.000	0.000	0.000	0.006	0.016	0.057	1.8	40.1%
Total Runoff	R = Rd + Rb	0.001	0.006	0.007	0.004	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.024	0.7	16.6%
Base Flow	Rb	0.000	0.000	0.006	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.3	6.7%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.015	0.012	0.006	-0.002	-0.002	-0.001	-0.001	0.000	0.000	0.000	0.006	0.016	0.048	1.5	33.4%

12 Ermera

3 Mota Bura

Elevation Range	Area(km2)	Refferd Elv.
- 500m		250
500 - 1000m		750
1000m -	0.905	1250
Total	0.905	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.343	0.347	0.301	0.156	0.125	0.059	0.039	0.020	0.026	0.059	0.209	0.330	2.014		100.0%
Evapotranspiration	E	0.105	0.096	0.121	0.128	0.125	0.059	0.039	0.020	0.026	0.059	0.121	0.109	1.008		50.1%
P-E	P-E	0.238	0.251	0.180	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.089	0.220	1.006		49.9%
Direct Runoff	Rd = R - Rb	0.020	0.084	0.018	0.041	0.015	0.008	0.005	0.003	0.002	0.001	0.001	0.000	0.199	6.3	9.9%
Potential Available Water	Q = P - E - Rd	0.218	0.166	0.162	-0.013	-0.015	-0.008	-0.005	-0.003	-0.002	-0.001	0.088	0.220	0.807	25.6	40.1%
Total Runoff	R = Rd + Rb	0.020	0.087	0.097	0.062	0.028	0.016	0.010	0.006	0.003	0.002	0.001	0.001	0.333	10.6	16.6%
Base Flow	Rb	0.000	0.003	0.079	0.021	0.013	0.008	0.005	0.003	0.002	0.001	0.001	0.000	0.135	4.3	6.7%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.218	0.163	0.083	-0.034	-0.028	-0.016	-0.010	-0.006	-0.003	-0.002	0.087	0.220	0.672	21.3	33.4%

13 Liquica

1-4 Dato-Maumeta Wells

Elevation Range	Area(km2)	Refferd Elv.
- 500m	4.71	250
500 - 1000m	7.76	750
1000m -	2.33	1250
Total	14.8	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	4.063	4.122	3.633	1.952	1.527	0.790	0.465	0.218	0.287	0.618	2.216	3.763	23.653		100.0%
Evapotranspiration	E	1.716	1.571	1.977	1.880	1.527	0.790	0.465	0.218	0.287	0.618	1.773	1.789	14.610		61.8%
P-E	P-E	2.347	2.552	1.655	0.072	0.000	0.000	0.000	0.000	0.000	0.000	0.444	1.973	9.043		38.2%
Direct Runoff	Rd = R - Rb	0.325	1.380	0.291	0.665	0.248	0.138	0.085	0.050	0.028	0.018	0.010	0.008	3.246	102.9	13.7%
Potencial Available Water	Q = P - E - Rd	2.022	1.172	1.364	-0.593	-0.248	-0.138	-0.085	-0.050	-0.028	-0.018	0.433	1.965	5.796	183.8	24.5%
Total Runoff	R = Rd + Rb	0.328	1.425	1.588	1.013	0.457	0.263	0.159	0.095	0.056	0.034	0.020	0.013	5.452	172.9	23.1%
Base Flow	Rb	0.003	0.045	1.298	0.348	0.209	0.125	0.074	0.045	0.028	0.016	0.010	0.005	2.206	69.9	9.3%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	2.019	1.127	0.067	-0.941	-0.457	-0.263	-0.159	-0.095	-0.056	-0.034	0.423	1.960	3.590	113.8	15.2%

13 Liquica

5 Laclo

Elevation Range	Area(km2)	Refferd Elv.
- 500m	0.025	250
500 - 1000m	1.05	750
1000m -	0.065	1250
Total	1.14	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.333	0.338	0.297	0.158	0.124	0.063	0.038	0.018	0.024	0.052	0.186	0.311	1.943		100.0%
Evapotranspiration	E	0.132	0.121	0.152	0.156	0.124	0.063	0.038	0.018	0.024	0.052	0.151	0.138	1.170		60.2%
P-E	P-E	0.201	0.217	0.144	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.036	0.173	0.773		39.8%
Direct Runoff	Rd = R - Rb	0.025	0.106	0.022	0.051	0.019	0.011	0.007	0.004	0.002	0.001	0.001	0.001	0.250	7.9	12.9%
Potencial Available Water	Q = P - E - Rd	0.176	0.110	0.122	-0.049	-0.019	-0.011	-0.007	-0.004	-0.002	-0.001	0.035	0.173	0.522	16.6	26.9%
Total Runoff	R = Rd + Rb	0.025	0.110	0.122	0.078	0.035	0.020	0.012	0.007	0.004	0.003	0.002	0.001	0.420	13.3	21.6%
Base Flow	Rb	0.000	0.003	0.100	0.027	0.016	0.010	0.006	0.003	0.002	0.001	0.001	0.000	0.170	5.4	8.7%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.176	0.107	0.022	-0.076	-0.035	-0.020	-0.012	-0.007	-0.004	-0.003	0.034	0.172	0.353	11.2	18.1%

13 Liquica**6 Lilabu**

Elevation Range	Area(km2)	Refferd Elv.
- 500m	0.35	250
500 - 1000m	0.26	750
1000m -		1250
Total	0.61	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.145	0.147	0.131	0.072	0.055	0.030	0.017	0.007	0.010	0.020	0.074	0.131	0.839		100.0%
Evapotranspiration	E	0.071	0.065	0.082	0.072	0.055	0.030	0.017	0.007	0.010	0.020	0.066	0.074	0.568		67.8%
P-E	P-E	0.074	0.082	0.049	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.057	0.271		32.2%
Direct Runoff	Rd = R - Rb	0.013	0.057	0.012	0.027	0.010	0.006	0.003	0.002	0.001	0.001	0.000	0.000	0.134	4.2	16.0%
Potential Available Water	Q = P - E - Rd	0.061	0.026	0.037	-0.027	-0.010	-0.006	-0.003	-0.002	-0.001	-0.001	0.007	0.057	0.137	4.3	16.3%
Total Runoff	R = Rd + Rb	0.014	0.059	0.065	0.042	0.019	0.011	0.007	0.004	0.002	0.001	0.001	0.001	0.225	7.1	26.8%
Base Flow	Rb	0.000	0.002	0.053	0.014	0.009	0.005	0.003	0.002	0.001	0.001	0.000	0.000	0.091	2.9	10.8%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.061	0.024	-0.016	-0.042	-0.019	-0.011	-0.007	-0.004	-0.002	-0.001	0.006	0.057	0.046	1.5	5.5%

13 Liquica**7 Narlolo**

Elevation Range	Area(km2)	Refferd Elv.
- 500m	0.43	250
500 - 1000m	0.2	750
1000m -		1250
Total	0.63	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.143	0.146	0.130	0.072	0.055	0.030	0.016	0.007	0.009	0.020	0.071	0.129	0.829		100.0%
Evapotranspiration	E	0.073	0.067	0.084	0.072	0.055	0.030	0.016	0.007	0.009	0.020	0.066	0.076	0.576		69.4%
P-E	P-E	0.070	0.079	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.053	0.253		30.6%
Direct Runoff	Rd = R - Rb	0.014	0.059	0.012	0.028	0.011	0.006	0.004	0.002	0.001	0.001	0.000	0.000	0.138	4.4	16.7%
Potential Available Water	Q = P - E - Rd	0.056	0.020	0.033	-0.028	-0.011	-0.006	-0.004	-0.002	-0.001	-0.001	0.005	0.052	0.115	3.7	13.9%
Total Runoff	R = Rd + Rb	0.014	0.061	0.068	0.043	0.019	0.011	0.007	0.004	0.002	0.001	0.001	0.001	0.232	7.4	28.0%
Base Flow	Rb	0.000	0.002	0.055	0.015	0.009	0.005	0.003	0.002	0.001	0.001	0.000	0.000	0.094	3.0	11.3%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.056	0.018	-0.022	-0.043	-0.019	-0.011	-0.007	-0.004	-0.002	-0.001	0.005	0.052	0.021	0.7	2.6%

13 Liquica**8 Daulo**

Elevation Range	Area(km2)	Refferd Elv.
- 500m	0.46	250
500 - 1000m	5.18	750
1000m -	2.59	1250
Total	8.23	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	2.570	2.603	2.279	1.206	0.953	0.474	0.293	0.143	0.189	0.413	1.474	2.420	15.018		100.0%
Evapotranspiration	E	0.954	0.873	1.100	1.126	0.953	0.474	0.293	0.143	0.189	0.413	1.077	0.995	8.590		57.2%
P-E	P-E	1.616	1.730	1.179	0.080	0.000	0.000	0.000	0.000	0.000	0.000	0.397	1.425	6.428		42.8%
Direct Runoff	Rd = R - Rb	0.181	0.767	0.162	0.370	0.138	0.077	0.047	0.028	0.016	0.010	0.006	0.004	1.805	57.2	12.0%
Potential Available Water	Q = P - E - Rd	1.435	0.963	1.018	-0.290	-0.138	-0.077	-0.047	-0.028	-0.016	-0.010	0.392	1.421	4.622	146.6	30.8%
Total Runoff	R = Rd + Rb	0.182	0.792	0.883	0.563	0.254	0.146	0.088	0.053	0.031	0.019	0.011	0.007	3.032	96.1	20.2%
Base Flow	Rb	0.001	0.025	0.722	0.193	0.116	0.070	0.041	0.025	0.016	0.009	0.006	0.003	1.227	38.9	8.2%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	1.434	0.937	0.296	-0.483	-0.254	-0.146	-0.088	-0.053	-0.031	-0.019	0.386	1.418	3.396	107.7	22.6%

13 Liquica**9 Enaloo**

Elevation Range	Area(km2)	Refferd Elv.
- 500m	0.19	250
500 - 1000m	1.87	750
1000m -	0.05	1250
Total	2.11	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.597	0.606	0.533	0.285	0.224	0.115	0.068	0.032	0.043	0.092	0.330	0.555	3.480		100.0%
Evapotranspiration	E	0.245	0.224	0.282	0.284	0.224	0.115	0.068	0.032	0.043	0.092	0.273	0.255	2.136		61.4%
P-E	P-E	0.353	0.382	0.251	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.057	0.300	1.344		38.6%
Direct Runoff	Rd = R - Rb	0.046	0.197	0.041	0.095	0.035	0.020	0.012	0.007	0.004	0.003	0.001	0.001	0.463	14.7	13.3%
Potential Available Water	Q = P - E - Rd	0.306	0.185	0.209	-0.093	-0.035	-0.020	-0.012	-0.007	-0.004	-0.003	0.055	0.299	0.881	27.9	25.3%
Total Runoff	R = Rd + Rb	0.047	0.203	0.226	0.144	0.065	0.038	0.023	0.014	0.008	0.005	0.003	0.002	0.777	24.6	22.3%
Base Flow	Rb	0.000	0.006	0.185	0.050	0.030	0.018	0.011	0.006	0.004	0.002	0.001	0.001	0.314	10.0	9.0%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.306	0.179	0.024	-0.143	-0.065	-0.038	-0.023	-0.014	-0.008	-0.005	0.054	0.298	0.567	18.0	16.3%

13 Lliquica**11 Metagou**

Elevation Range	Area(km2)	Refferd Elv.
- 500m		250
500 - 1000m	0.03	750
1000m -	0.13	1250
Total	0.16	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.058	0.059	0.051	0.027	0.021	0.010	0.007	0.003	0.004	0.010	0.035	0.055	0.340		100.0%
Evapotranspiration	E	0.019	0.017	0.021	0.023	0.021	0.010	0.007	0.003	0.004	0.010	0.021	0.019	0.176		51.7%
P-E	P-E	0.039	0.042	0.030	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.014	0.036	0.164		48.3%
Direct Runoff	Rd = R - Rb	0.004	0.015	0.003	0.007	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.035	1.1	10.3%
Potential Available Water	Q = P - E - Rd	0.036	0.027	0.026	-0.003	-0.003	-0.001	-0.001	-0.001	0.000	0.000	0.013	0.036	0.129	4.1	38.0%
Total Runoff	R = Rd + Rb	0.004	0.015	0.017	0.011	0.005	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.059	1.9	17.3%
Base Flow	Rb	0.000	0.000	0.014	0.004	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.024	0.8	7.0%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.036	0.026	0.012	-0.007	-0.005	-0.003	-0.002	-0.001	-0.001	0.000	0.013	0.036	0.105	3.3	31.0%

14 Suai**1 Olivo**

Elevation Range	Area(km2)	Refferd Elv.
- 500m	1.37	250
500 - 750m	0.82	500
750m -		750
Total	2.19	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.473	0.481	0.430	0.537	0.873	0.587	0.335	0.083	0.077	0.063	0.228	0.421	4.590		100.0%
Evapotranspiration	E	0.254	0.232	0.293	0.310	0.318	0.294	0.294	0.083	0.077	0.063	0.228	0.265	2.712		59.1%
P-E	P-E	0.219	0.249	0.138	0.227	0.555	0.293	0.041	0.000	0.000	0.000	0.000	0.156	1.878		40.9%
Direct Runoff	Rd = R - Rb	0.048	0.204	0.043	0.098	0.037	0.020	0.013	0.007	0.004	0.003	0.002	0.001	0.480	15.2	10.5%
Potential Available Water	Q = P - E - Rd	0.171	0.045	0.095	0.129	0.518	0.273	0.028	-0.007	-0.004	-0.003	-0.002	0.155	1.397	44.3	30.4%
Total Runoff	R = Rd + Rb	0.048	0.211	0.235	0.150	0.068	0.039	0.023	0.014	0.008	0.005	0.003	0.002	0.807	25.6	17.6%
Base Flow	Rb	0.000	0.007	0.192	0.051	0.031	0.019	0.011	0.007	0.004	0.002	0.002	0.001	0.326	10.4	7.1%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.170	0.038	-0.097	0.077	0.487	0.254	0.017	-0.014	-0.008	-0.005	-0.003	0.154	1.071	34.0	23.3%

14 Suai**2 Ameriko**

Elevation Range	Area(km2)	Refferd Elv.
- 500m	2.69	250
500 - 750m	0.81	500
750m -		750
Total	3.5	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.733	0.747	0.669	0.786	1.282	0.875	0.501	0.129	0.120	0.096	0.347	0.649	6.933		100.0%
Evapotranspiration	E	0.406	0.371	0.468	0.496	0.509	0.470	0.461	0.129	0.120	0.096	0.347	0.423	4.295		61.9%
P-E	P-E	0.327	0.376	0.201	0.290	0.773	0.405	0.040	0.000	0.000	0.000	0.000	0.226	2.638		38.1%
Direct Runoff	Rd = R - Rb	0.077	0.326	0.069	0.157	0.059	0.033	0.020	0.012	0.007	0.004	0.002	0.002	0.768	24.3	11.1%
Potential Available Water	Q = P - E - Rd	0.250	0.049	0.133	0.133	0.714	0.372	0.020	-0.012	-0.007	-0.004	-0.002	0.224	1.870	59.3	27.0%
Total Runoff	R = Rd + Rb	0.077	0.337	0.376	0.240	0.108	0.062	0.037	0.022	0.013	0.008	0.005	0.003	1.289	40.9	18.6%
Base Flow	Rb	0.001	0.011	0.307	0.082	0.049	0.030	0.017	0.011	0.007	0.004	0.002	0.001	0.522	16.5	7.5%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.250	0.039	-0.174	0.051	0.665	0.342	0.003	-0.022	-0.013	-0.008	-0.005	0.223	1.349	42.8	19.5%

14 Suai**4 Kuluai**

Elevation Range	Area(km2)	Refferd Elv.
- 500m	1.23	250
500 - 750m	0.17	500
750m -		750
Total	1.4	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.286	0.292	0.262	0.292	0.478	0.330	0.190	0.050	0.047	0.037	0.133	0.252	2.650		100.0%
Evapotranspiration	E	0.162	0.149	0.187	0.198	0.204	0.188	0.182	0.050	0.047	0.037	0.133	0.169	1.706		64.4%
P-E	P-E	0.124	0.143	0.075	0.094	0.274	0.142	0.008	0.000	0.000	0.000	0.000	0.083	0.944		35.6%
Direct Runoff	Rd = R - Rb	0.031	0.131	0.027	0.063	0.023	0.013	0.008	0.005	0.003	0.002	0.001	0.001	0.307	9.7	11.6%
Potential Available Water	Q = P - E - Rd	0.093	0.013	0.047	0.031	0.251	0.129	0.000	-0.005	-0.003	-0.002	-0.001	0.082	0.637	20.2	24.0%
Total Runoff	R = Rd + Rb	0.031	0.135	0.150	0.096	0.043	0.025	0.015	0.009	0.005	0.003	0.002	0.001	0.516	16.4	19.5%
Base Flow	Rb	0.000	0.004	0.123	0.033	0.020	0.012	0.007	0.004	0.003	0.001	0.001	0.000	0.209	6.6	7.9%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.093	0.008	-0.075	-0.002	0.231	0.117	-0.007	-0.009	-0.005	-0.003	-0.002	0.082	0.428	13.6	16.1%

15 Maliana
3 Dabucci

Elevation Range	Area(km2)	Refferd Elv.
- 500m	0.19	250
500 - 1000m	1.42	750
1000m -	0.41	1250
Total	2.02	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.604	0.612	0.537	0.285	0.225	0.113	0.069	0.033	0.044	0.095	0.341	0.565	3.523		100.0%
Evapotranspiration	E	0.234	0.214	0.270	0.273	0.225	0.113	0.069	0.033	0.044	0.095	0.261	0.244	2.076		58.9%
	P-E	0.369	0.397	0.267	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.080	0.321	1.447		41.1%
Direct Runoff	Rd = R - Rb	0.044	0.188	0.040	0.091	0.034	0.019	0.012	0.007	0.004	0.003	0.001	0.001	0.443	14.1	12.6%
Potential Available Water	Q = P - E - Rd	0.325	0.209	0.227	-0.078	-0.034	-0.019	-0.012	-0.007	-0.004	-0.003	0.078	0.320	1.004	31.8	28.5%
Total Runoff	R = Rd + Rb	0.045	0.194	0.217	0.138	0.062	0.036	0.022	0.013	0.008	0.005	0.003	0.002	0.744	23.6	21.1%
Base Flow	Rb	0.000	0.006	0.177	0.047	0.028	0.017	0.010	0.006	0.004	0.002	0.001	0.001	0.301	9.5	8.5%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.325	0.203	0.050	-0.126	-0.062	-0.036	-0.022	-0.013	-0.008	-0.005	0.077	0.319	0.703	22.3	19.9%

15 Maliana
4 Beapelu

Elevation Range	Area(km2)	Refferd Elv.
- 500m		250
500 - 1000m	1.4	750
1000m -	0.1	1250
Total	1.5	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.443	0.449	0.394	0.210	0.165	0.084	0.051	0.024	0.032	0.070	0.249	0.414	2.582		100.0%
Evapotranspiration	E	0.174	0.159	0.200	0.207	0.165	0.084	0.051	0.024	0.032	0.070	0.200	0.181	1.546		59.9%
	P-E	0.269	0.289	0.193	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.049	0.232	1.035		40.1%
Direct Runoff	Rd = R - Rb	0.033	0.140	0.029	0.067	0.025	0.014	0.009	0.005	0.003	0.002	0.001	0.001	0.329	10.4	12.7%
Potential Available Water	Q = P - E - Rd	0.236	0.149	0.164	-0.064	-0.025	-0.014	-0.009	-0.005	-0.003	-0.002	0.048	0.232	0.706	22.4	27.4%
Total Runoff	R = Rd + Rb	0.033	0.144	0.161	0.103	0.046	0.027	0.016	0.010	0.006	0.003	0.002	0.001	0.553	17.5	21.4%
Base Flow	Rb	0.000	0.005	0.132	0.035	0.021	0.013	0.007	0.005	0.003	0.002	0.001	0.001	0.224	7.1	8.7%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.235	0.145	0.032	-0.100	-0.046	-0.027	-0.016	-0.010	-0.006	-0.003	0.047	0.231	0.483	15.3	18.7%

15 Maliana**5 Beremau**

Elevation Range	Area(km2)	Refferd Elv.
- 500m		250
500 - 1000m	0.034	750
1000m -		1250
Total	0.034	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	0.010	0.010	0.009	0.005	0.004	0.002	0.001	0.001	0.001	0.002	0.005	0.009	0.057		100.0%
Evapotranspiration	E	0.004	0.004	0.005	0.005	0.004	0.002	0.001	0.001	0.001	0.002	0.005	0.004	0.035		60.8%
	P-E	0.006	0.006	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.005	0.022		39.2%
Direct Runoff	Rd = R - Rb	0.001	0.003	0.001	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.2	13.0%
Potential Available Water	Q = P - E - Rd	0.005	0.003	0.004	-0.002	-0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.005	0.015	0.5	26.2%
Total Runoff	R = Rd + Rb	0.001	0.003	0.004	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.013	0.4	21.9%
Base Flow	Rb	0.000	0.000	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.2	8.8%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	0.005	0.003	0.001	-0.002	-0.001	-0.001	0.000	0.000	0.000	0.000	0.001	0.005	0.010	0.3	17.3%

15 Maliana**7 Irrigation Canal**

Elevation Range	Area(km2)	Refferd Elv.
- 500m	1.57	250
500 - 1000m	4.74	750
1000m -	2.25	1250
Total	8.56	

	(Mm3)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mm3/year	L/sec	%
Precipitation in Area	P	2.535	2.569	2.255	1.201	0.945	0.478	0.289	0.139	0.183	0.399	1.426	2.372	14.791		100.0%
Evapotranspiration	E	0.992	0.908	1.144	1.131	0.945	0.478	0.289	0.139	0.183	0.399	1.074	1.035	8.718		58.9%
	P-E	1.543	1.661	1.111	0.070	0.000	0.000	0.000	0.000	0.000	0.000	0.352	1.337	6.073		41.1%
Direct Runoff	Rd = R - Rb	0.188	0.798	0.168	0.385	0.144	0.080	0.049	0.029	0.016	0.011	0.006	0.005	1.878	59.5	12.7%
Potential Available Water	Q = P - E - Rd	1.355	0.863	0.943	-0.315	-0.144	-0.080	-0.049	-0.029	-0.016	-0.011	0.346	1.332	4.195	133.0	28.4%
Total Runoff	R = Rd + Rb	0.190	0.824	0.919	0.586	0.264	0.152	0.092	0.055	0.033	0.020	0.012	0.008	3.153	100.0	21.3%
Base Flow	Rb	0.002	0.026	0.750	0.201	0.121	0.072	0.043	0.026	0.016	0.009	0.006	0.003	1.276	40.5	8.6%
Groundwater Recharge	Qg = P-E-(Rd+Rb)	1.353	0.837	0.193	-0.516	-0.264	-0.152	-0.092	-0.055	-0.033	-0.020	0.340	1.329	2.919	92.6	19.7%

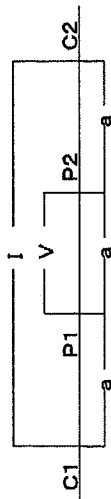
Data

Resistivity Survey Data

Resistivity Survey Report Sheet

Well No. Kuluhun B

Study Scope	Water Supply	Survey Date	Year, Month, Day
Line Name	Well No. Kuluhun B	Survey Point	1
Hardware	McOHM	Operator	T.Ohno



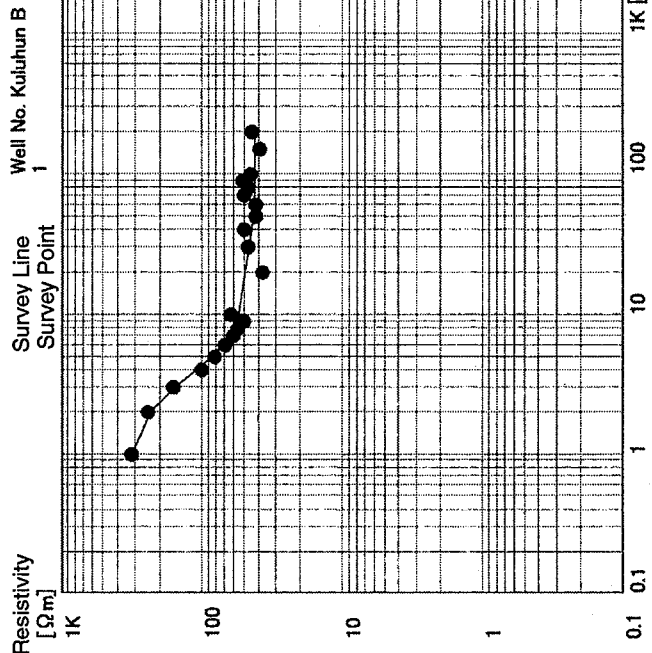
$$\rho_a = \frac{2\pi a \cdot \Delta V}{I} = K \cdot \Delta V / I [\Omega m]$$

No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ωm]
1	1.000	0.500	1.500	493.0	9.990	49.35	6.283	310.1
2	2.000	1.000	3.000	191.0	9.990	19.12	12.57	240.3
3	3.000	1.500	4.500	84.00	9.990	8.408	18.85	158.5
4	4.000	2.000	6.000	40.20	9.990	4.024	25.13	101.1
5	5.000	2.500	7.500	25.80	9.990	2.583	31.42	81.13
6	6.000	3.000	9.000	18.20	9.990	1.822	37.70	68.68
7	7.000	3.500	10.50	13.80	9.990	1.361	43.98	59.88
8	8.000	4.000	12.00	10.80	9.990	1.081	50.27	54.34
9	9.000	4.500	13.50	8.870	9.990	0.888	56.55	50.21
10	10.00	5.000	15.00	9.990	9.990	1.000	62.83	62.83
11	20.00	10.00	30.00	14.90	49.90	0.299	125.7	37.52
12	30.00	15.00	45.00	12.40	49.90	0.248	188.5	46.84
13	40.00	20.00	60.00	9.890	49.90	0.198	251.3	49.81
14	50.00	25.00	75.00	13.20	99.90	0.132	314.2	41.51
15	60.00	30.00	90.00	11.00	99.90	0.110	377.0	41.51
16	70.00	35.00	105.0	11.40	99.90	0.114	439.8	50.19
17	80.00	40.00	120.0	9.470	99.90	0.095	502.7	47.65
18	90.00	45.00	135.0	18.00	198.0	0.091	565.5	51.41
19	100.0	50.00	150.0	14.30	198.0	0.072	628.3	45.38
20	150.0	75.00	225.0	8.120	198.0	0.041	942.5	38.65
21	200.0	100.0	300.0	6.930	198.0	0.035	1257	43.98
22								
23								
24								
25								

Remarks

PCI

Resistivity Survey Report Sheet

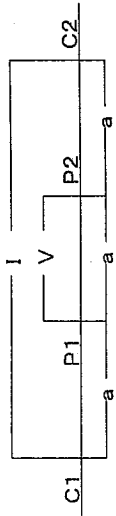


Resistivity [Ωm]	53.6	41.9
Depth [m]	1.69	13.0

垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 11 月 9 日
測線名	Liquica AD-line	測点番号	AD-3
使用機器	McOHM	測定者氏名	T.Ohno



$$\rho_a = \frac{2\pi a \cdot \Delta V}{I}$$
$$= K \cdot \Delta V / [I \Omega m]$$

No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ωm]
1	1,000	0,500	1,500	231.0	5,000	46.20	6,283	290.3
2	2,000	1,000	3,000	182.0	5,000	36.40	12,57	457.4
3	3,000	1,500	4,500	131.0	5,000	26.20	18,85	493.9
4	4,000	2,000	6,000	95.80	5,000	19.16	25.13	481.5
5	5,000	2,500	7,500	77.00	4,990	15.43	31.42	484.8
6	6,000	3,000	9,000	57.20	4,990	11.46	37.70	432.1
7	7,000	3,500	10,500	48.10	4,990	9.639	43.98	424.0
8	8,000	4,000	12,000	39.30	4,990	7.876	50.27	395.9
9	9,000	4,500	13,500	32.00	4,990	6.413	56.55	362.6
10	10,000	5,000	15,000	26.40	4,990	5.291	62.83	332.4
11	20,000	10,000	30,000	9.250	4,990	1.854	125.7	232.9
12	30,000	15,000	45,000	4.430	4,990	0.888	188.5	167.3
13	40,000	20,000	60,000	2.540	4,990	0.509	251.3	127.9
14	50,000	25,000	75,000	1.640	4,990	0.329	314.2	103.3
15	60,000	30,000	90,000	2.200	9,990	0.220	377.0	83.02
16	70,000	35,000	105,000	1.610	9,990	0.161	439.8	70.88
17	80,000	40,000	120,000	2.560	19,900	0.129	502.7	64.66
18	90,000	45,000	135,000	2.240	19,900	0.113	565.5	63.65
19	100,000	50,000	150,000	2.000	19,900	0.101	628.3	63.15
20	150,000	75,000	225,000	3.280	42,100	0.078	942.5	73.43
21	200,000	100,000	300,000	1.830	49,900	0.037	1257	46.08
22								
23								
24								
25								

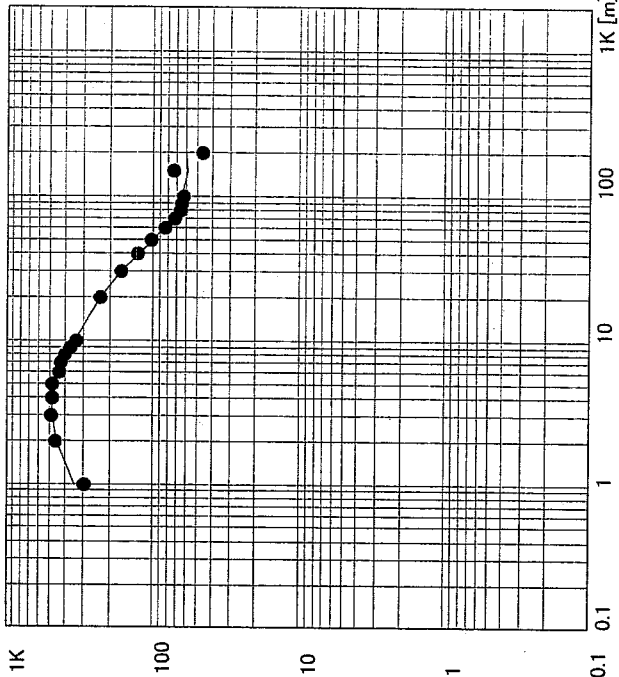
記事

PCI

比抵抗
[Ωm]

測線名
測点番号

Liquica AD-line
AD-3



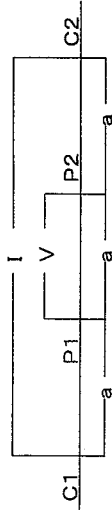
< 凡例 >
● : 測定値
○ : 理論値

比抵抗	202	690	260	57.2
深度	0.52	3.26	22.0	

垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 11 月 8 日
測線名	Liquica AD-line	測点番号	AD-2
使用機器	McOHM	測定者氏名	T. Ohno



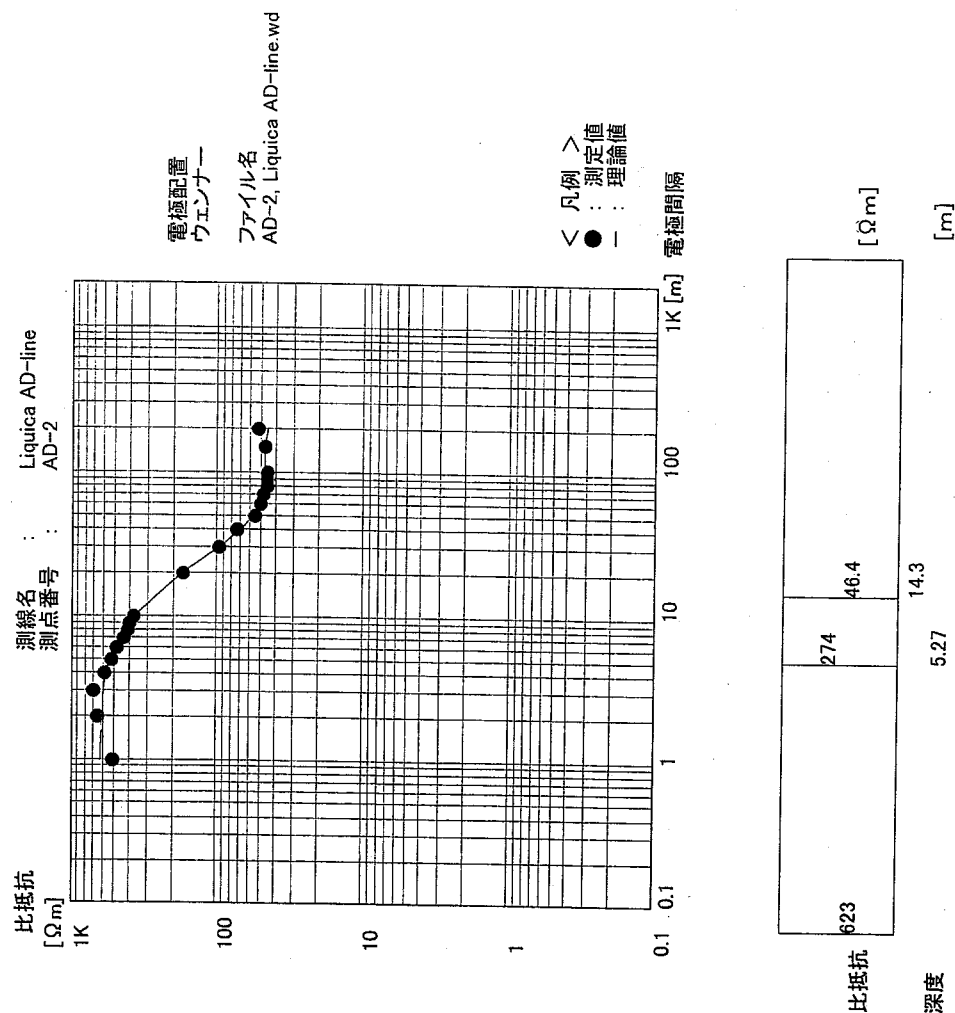
$$\rho_a = \frac{2\pi a \cdot \Delta V}{I}$$

$$= K \cdot \Delta V / I [\Omega m]$$

No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ _a [Ωm]
1	1.000	0.500	1.500	409.0	4.990	81.96	6.283	515.0
2	2.000	1.000	3.000	262.0	4.990	52.51	12.57	659.8
3	3.000	1.500	4.500	184.0	4.990	36.87	18.85	695.1
4	4.000	2.000	6.000	116.0	4.990	23.25	25.13	584.2
5	5.000	2.500	7.500	83.80	4.990	16.79	31.42	527.6
6	6.000	3.000	9.000	63.70	4.990	12.77	37.70	481.2
7	7.000	3.500	10.50	48.80	4.990	9.780	43.98	430.1
8	8.000	4.000	12.00	40.50	4.990	8.116	50.27	408.0
9	9.000	4.500	13.50	34.70	4.990	6.954	56.55	393.2
10	10.00	5.000	15.00	29.50	4.990	5.912	62.83	371.5
11	20.00	10.00	30.00	6.750	4.990	1.353	125.7	170.0
12	30.00	15.00	45.00	2.540	4.990	0.509	188.5	95.95
13	40.00	20.00	60.00	1.440	4.990	0.289	251.3	72.53
14	50.00	25.00	75.00	1.760	9.980	0.176	314.2	55.40
15	60.00	30.00	90.00	1.340	9.980	0.134	377.0	50.62
16	70.00	35.00	105.0	2.180	19.90	0.110	439.8	48.18
17	80.00	40.00	120.0	1.770	19.90	0.089	502.7	44.71
18	90.00	45.00	135.0	1.600	19.90	0.080	565.5	45.47
19	100.0	50.00	150.0	1.440	19.90	0.072	628.3	45.47
20	150.0	75.00	225.0	2.500	49.90	0.050	942.5	47.22
21	200.0	100.0	300.0	2.080	49.90	0.042	1257	52.38
22								
23								
24								
25								

記事

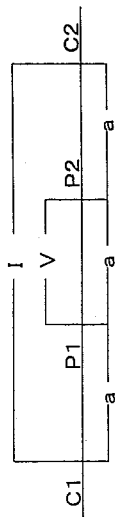
PCI



垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 11 月 8 日
測線名	Liquica AD-line	測点番号	AD-1
使用機器	McOHM	測定者氏名	T.Ohno



$$\rho_a = \frac{2\pi a \cdot \Delta V / I}{K \cdot \Delta V / I [\Omega m]}$$

No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ω m]
1	1.000	0.500	1.500	205.0	5.000	41.00	6.283	257.6
2	2.000	1.000	3.000	118.0	4.990	23.65	12.57	297.2
3	3.000	1.500	4.500	74.90	4.990	15.01	18.85	282.9
4	4.000	2.000	6.000	54.30	4.990	10.88	25.13	273.5
5	5.000	2.500	7.500	40.10	4.990	8.036	31.42	252.5
6	6.000	3.000	9.000	32.00	4.990	6.413	37.70	241.8
7	7.000	3.500	10.50	27.20	4.990	5.451	43.98	239.7
8	8.000	4.000	12.00	22.70	4.990	4.549	50.27	228.7
9	9.000	4.500	13.50	19.50	4.990	3.908	56.55	221.0
10	10.00	5.000	15.00	15.90	4.990	3.186	62.83	200.2
11	20.00	10.00	30.00	3.840	4.990	0.770	125.7	96.70
12	30.00	15.00	45.00	1.670	4.990	0.335	188.5	63.08
13	40.00	20.00	60.00	1.940	9.990	0.194	251.3	48.81
14	50.00	25.00	75.00	1.400	9.990	0.140	314.2	44.03
15	60.00	30.00	90.00	1.350	9.990	0.135	377.0	50.94
16	70.00	35.00	105.0	1.010	9.990	0.101	439.8	44.47
17	80.00	40.00	120.0	0.780	9.990	0.078	502.7	39.25
18	90.00	45.00	135.0	3.780	49.90	0.076	565.5	42.84
19	100.0	50.00	150.0	3.560	49.90	0.071	628.3	44.83
20	150.0	75.00	225.0	2.420	49.90	0.048	942.5	45.71
21	200.0	100.0	300.0	2.040	49.90	0.041	1257	51.37
22								
23								
24								
25								

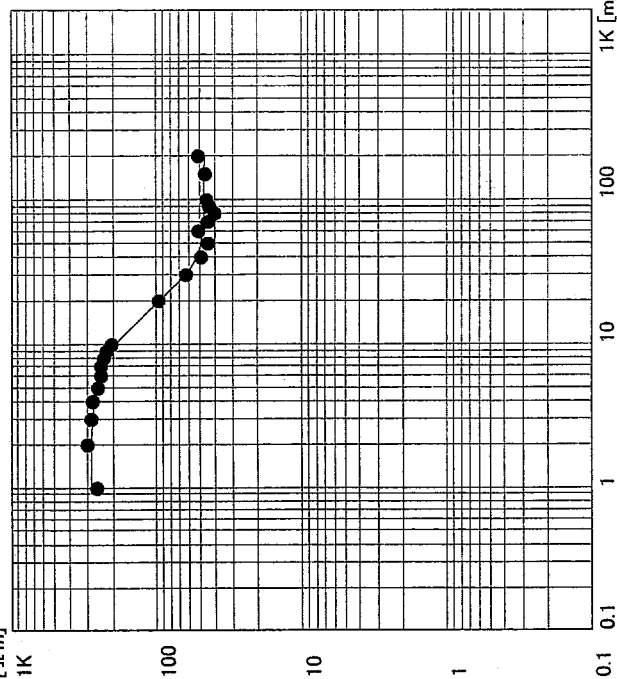
記事

PCI

比抵抗
[Ω m]

測線名
測点番号

Liquica AD-line
AD-1



電極配置
ウェンナー
ファイル名
AD-1, Liquica AD-line.wd

< 凡例 >
● : 測定値
- : 理論値

電極間隔

279	46.4
比抵抗	[Ω m]

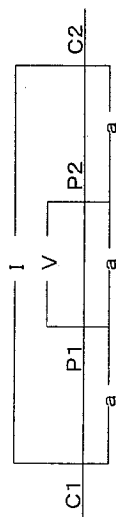
深度 [m]

8.72

垂直電気探査

(ウェンナー電極配置)

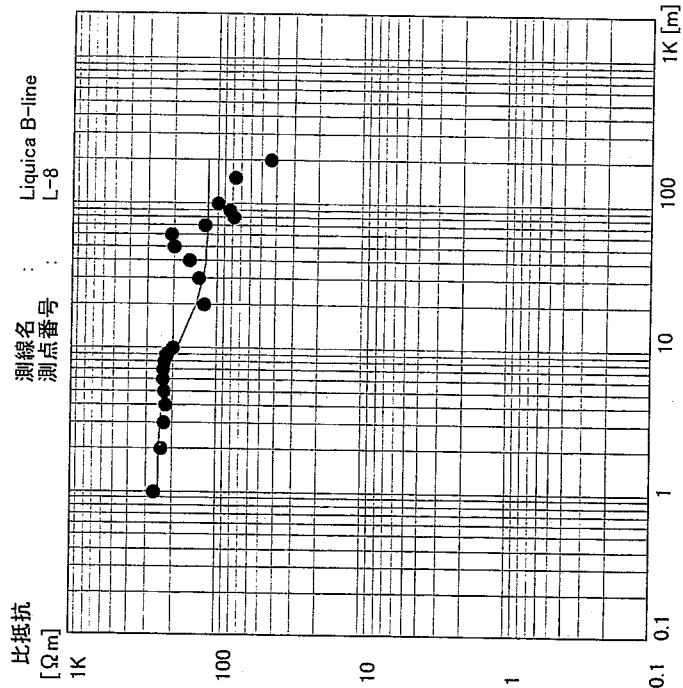
調査件名	Water Supply	測定年月日	200 年 11 月 3 日
測線名	Liquica B-line	測点番号	L-8
使用機器	McOHM	測定者氏名	T.Ohno



$$\rho a = \frac{2\pi a \cdot \Delta V}{I}$$

$$= K \cdot \Delta V / I [\Omega m]$$

電極配置
ウェンナー
ファイル名
L-8, B-line Liquica.wd



< 凡例 >
● : 測定値
--- : 理論値

比抵抗 [Ωm]	248	117
深度 [m]	6.44	

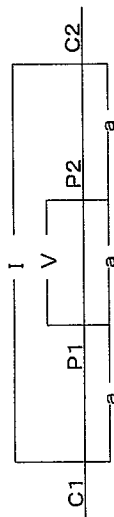
No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρa [Ωm]
1	1.000	0.500	1.500	189.0	4.490	42.09	6.283	264.5
2	2.000	1.000	3.000	84.00	4.490	18.71	12.57	235.1
3	3.000	1.500	4.500	53.70	4.490	11.96	18.85	225.4
4	4.000	2.000	6.000	39.80	4.490	8.864	25.13	222.8
5	5.000	2.500	7.500	32.50	4.490	7.238	31.42	227.4
6	6.000	3.000	9.000	27.70	4.490	6.169	37.70	232.6
7	7.000	3.500	10.50	23.70	4.490	5.278	43.98	232.2
8	8.000	4.000	12.00	20.10	4.490	4.477	50.27	225.0
9	9.000	4.500	13.50	17.60	4.490	3.920	56.55	221.7
10	10.00	5.000	15.00	14.30	4.490	3.185	62.83	200.1
11	20.00	10.00	30.00	4.380	4.490	0.976	125.7	122.6
12	30.00	15.00	45.00	3.200	4.490	0.713	188.5	134.3
13	40.00	20.00	60.00	6.210	9.990	0.622	251.3	156.2
14	50.00	25.00	75.00	6.250	9.990	0.626	314.2	196.5
15	60.00	30.00	90.00	5.490	9.990	0.550	377.0	207.2
16	70.00	35.00	105.0	2.810	9.990	0.281	439.8	123.7
17	80.00	40.00	120.0	1.530	9.990	0.153	502.7	76.98
18	90.00	45.00	135.0	2.890	19.90	0.145	565.5	82.12
19	100.0	50.00	150.0	3.220	19.90	0.162	628.3	101.7
20	150.0	75.00	225.0	1.600	19.90	0.080	942.5	75.78
21	200.0	100.0	300.0	0.690	19.90	0.035	1257	43.57
22								
23								
24								
25								

記事

PCI

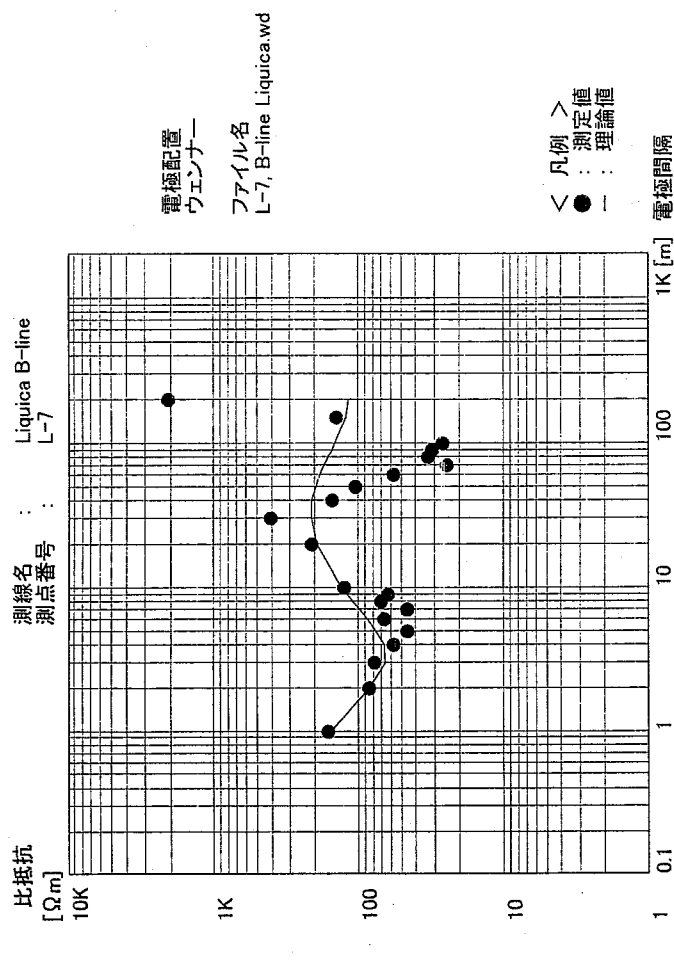
(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 11 月 3 日
測線名	Liquica B-line	測点番号	L-7
使用機器	McOHM	測定者氏名	T.Ohno



$$\rho a = 2\pi a \cdot \Delta V / I$$

No.	a [m]	$a/2$ [m]	$3a/2$ [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ωm]
1	1.000	0.500	1.500	128.0	4.990	25.65	6.283	161.2
2	2.000	1.000	3.000	33.50	4.990	6.713	12.57	84.36
3	3.000	1.500	4.500	20.40	4.990	4.088	18.85	77.06
4	4.000	2.000	6.000	11.30	4.990	2.265	25.13	56.91
5	5.000	2.500	7.500	6.620	4.490	1.474	31.42	46.32
6	6.000	3.000	9.000	7.980	4.490	1.777	37.70	67.00
7	7.000	3.500	10.50	4.670	4.490	1.040	43.98	45.75
8	8.000	4.000	12.00	13.90	9.990	1.391	50.27	69.94
9	9.000	4.500	13.50	11.00	9.990	1.101	56.55	62.27
10	10.00	5.000	15.00	20.00	9.990	2.002	62.83	125.8
11	20.00	10.00	30.00	16.90	9.990	1.692	125.7	212.6
12	30.00	15.00	45.00	21.30	9.990	2.132	188.5	401.9
13	40.00	20.00	60.00	6.000	9.990	0.601	251.3	150.9
14	50.00	25.00	75.00	6.720	19.90	0.338	314.2	106.1
15	60.00	30.00	90.00	3.000	19.90	0.151	377.0	56.83
16	70.00	35.00	105.0	1.120	19.90	0.056	439.8	24.75
17	80.00	40.00	120.0	1.320	19.90	0.066	502.7	33.34
18	90.00	45.00	135.0	1.100	19.90	0.055	565.5	31.26
19	100.0	50.00	150.0	0.830	19.90	0.042	628.3	26.21
20	150.0	75.00	225.0	1.510	9.980	0.151	942.5	142.6
21	200.0	100.0	300.0	32.80	19.90	1.648	1257	2071
22								
23								
24								
25								



比抵抗	213	35.5	983	110	[Ωm]
硬度		0.94	3.81	10.9	[m]

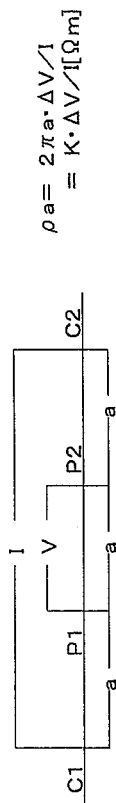
辨品

PCI

垂直電気探査

(ウェンナー電極配置)

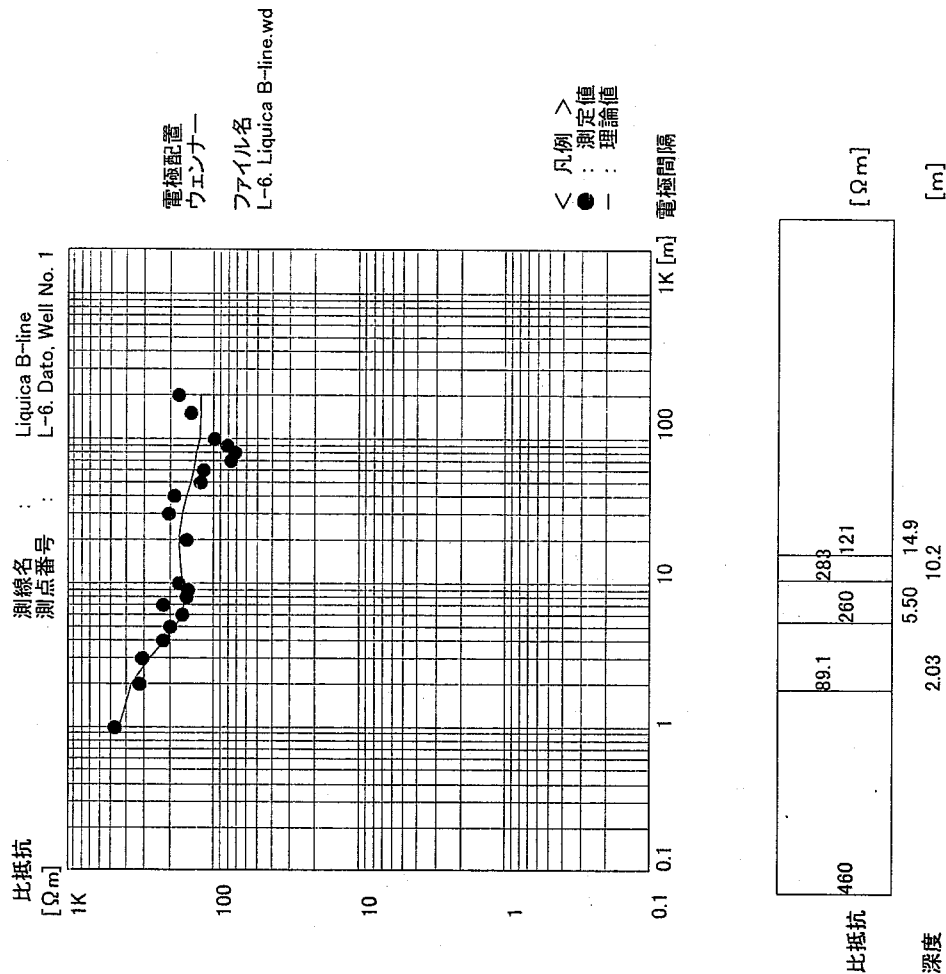
調査件名	Water Supply	測定年月日	200 年 10 月 31 日
測線名	Liquica B-line	測点番号	L-6. Dato, Well No. 1
使用機器	McOHM	測定者氏名	T.Ohno



No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ωm]
1	1.000	0.500	1.500	380.0	5.000	76.00	6.283	477.5
2	2.000	1.000	3.000	128.0	4.990	25.65	12.57	322.3
3	3.000	1.500	4.500	81.40	4.990	16.31	18.85	307.5
4	4.000	2.000	6.000	44.31	4.990	8.880	25.13	232.2
5	5.000	2.500	7.500	31.46	4.990	6.305	31.42	198.1
6	6.000	3.000	9.000	21.67	4.990	4.343	37.70	163.7
7	7.000	3.500	10.50	25.30	4.990	5.070	43.98	223.0
8	8.000	4.000	12.00	15.13	4.990	3.032	50.27	152.4
9	9.000	4.500	13.50	26.30	9.990	2.633	56.55	148.9
10	10.00	5.000	15.00	27.30	9.980	2.735	62.83	171.9
11	20.00	10.00	30.00	12.10	9.980	1.212	125.7	152.4
12	30.00	15.00	45.00	10.62	9.980	1.064	188.5	200.6
13	40.00	20.00	60.00	3.660	4.990	0.733	251.3	184.3
14	50.00	25.00	75.00	1.950	4.990	0.391	314.2	122.8
15	60.00	30.00	90.00	1.550	4.990	0.311	377.0	117.1
16	70.00	35.00	105.0	1.730	9.980	0.173	439.8	76.24
17	80.00	40.00	120.0	1.420	9.980	0.142	502.7	71.52
18	90.00	45.00	135.0	1.430	9.980	0.143	565.5	81.03
19	100.0	50.00	150.0	1.580	9.980	0.158	628.3	99.47
20	150.0	75.00	225.0	1.500	9.980	0.150	942.5	141.7
21	200.0	100.0	300.0	6.860	49.80	0.138	1257	173.1
22								
23								
24								
25								

記事

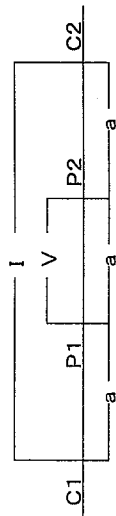
PCI



垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 10 月 27 日
測線名	Liquica B-line	測点番号	L-5, Well No. Maumeta-2
使用機器	McOHM	測定者氏名	T.Ohno



$$\rho_a = \frac{2\pi a \cdot \Delta V}{I} = K \cdot \Delta V / [(\Omega m)]$$

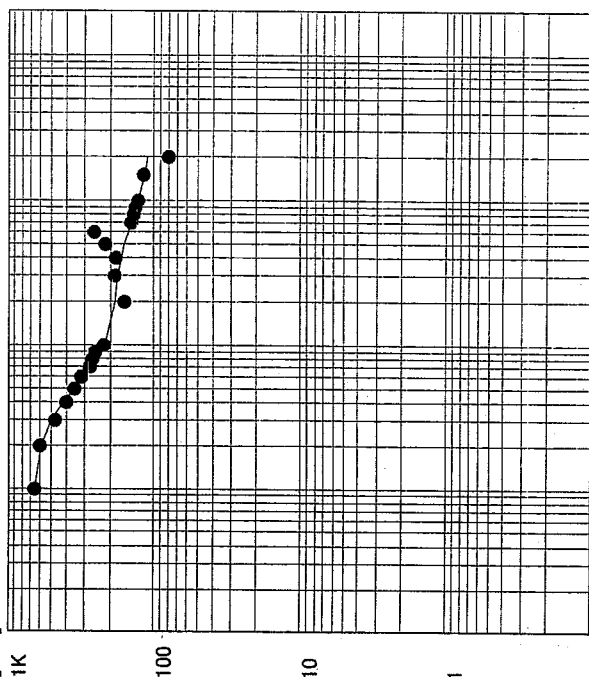
No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ω m]
1	1.000	0.500	1.500	1040	9.990	104.1	6.283	654.1
2	2.000	1.000	3.000	480.0	9.990	48.05	12.57	603.8
3	3.000	1.500	4.500	252.0	9.990	25.23	18.85	475.5
4	4.000	2.000	6.000	157.0	9.990	15.72	25.13	395.0
5	5.000	2.500	7.500	112.0	9.990	11.21	31.42	352.2
6	6.000	3.000	9.000	82.00	9.990	8.208	37.70	309.4
7	7.000	3.500	10.50	62.70	9.990	6.276	43.98	276.0
8	8.000	4.000	12.00	52.00	9.990	5.205	50.27	261.6
9	9.000	4.500	13.50	44.90	9.990	4.494	56.55	254.2
10	10.00	5.000	15.00	35.10	9.990	3.514	62.83	220.8
11	20.00	10.00	30.00	12.70	9.990	1.271	125.7	159.8
12	30.00	15.00	45.00	9.780	9.990	0.979	188.5	184.5
13	40.00	20.00	60.00	7.160	9.990	0.717	251.3	180.1
14	50.00	25.00	75.00	6.880	9.990	0.689	314.2	216.4
15	60.00	30.00	90.00	6.750	9.990	0.676	377.0	254.7
16	70.00	35.00	105.0	13.50	42.00	0.321	439.8	141.4
17	80.00	40.00	120.0	13.70	49.90	0.275	502.7	138.0
18	90.00	45.00	135.0	4.710	19.90	0.237	565.5	133.8
19	100.0	50.00	150.0	4.090	19.90	0.206	628.3	129.1
20	150.0	75.00	225.0	2.470	19.90	0.124	942.5	117.0
21	200.0	100.0	300.0	1.270	19.90	0.064	1257	80.20
22								
23								
24								
25								

記事

PCI

比抵抗
[Ω m]

測線名 : Liquica B-line
測点番号 : L-5, Well No. Maumeta-2



< 凡例 >
● : 測定値
- : 理論値

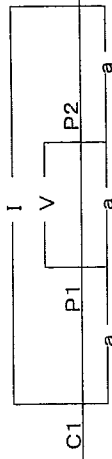
電極間隔

比抵抗	668	184	103	42.9
深度	2.57			

[Ω m]

[m]

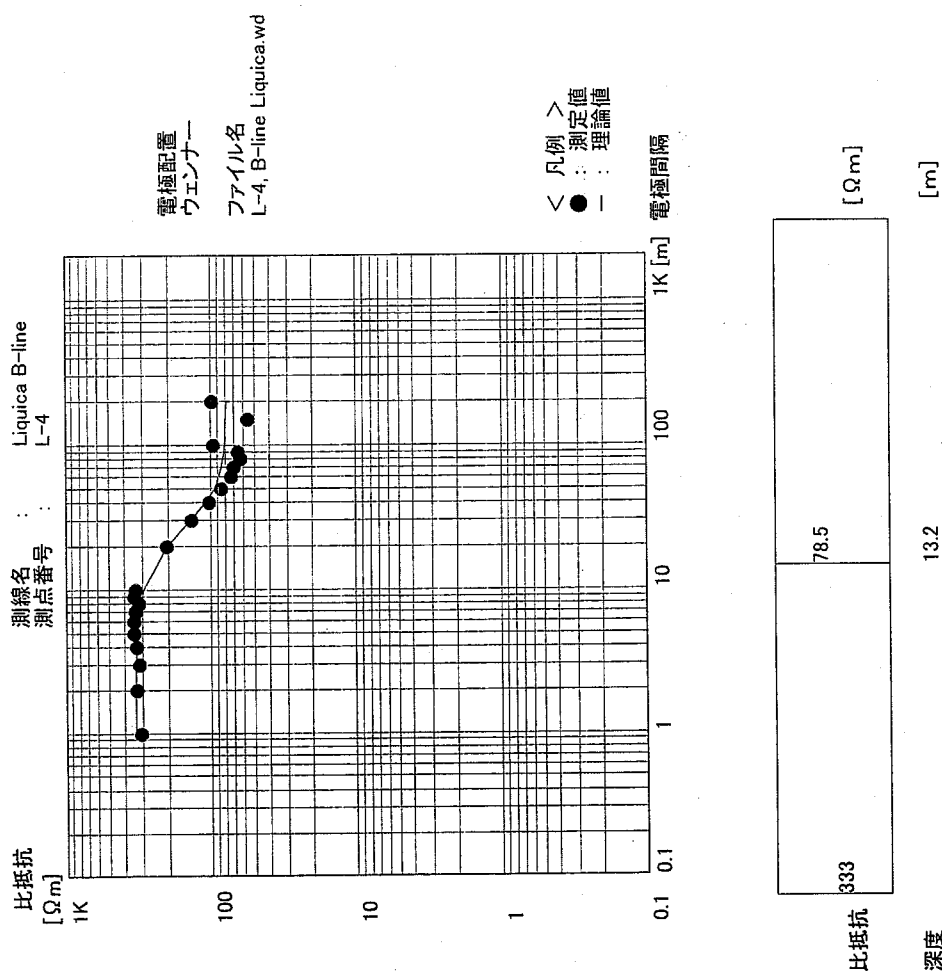
(ウェンナー電極配置)



$$\rho a = 2\pi a \cdot \Delta V / I$$

冊

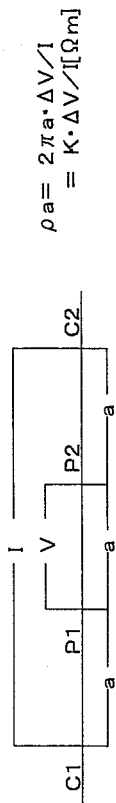
PCI



垂直電気探査

(ウェンナー電極配置)

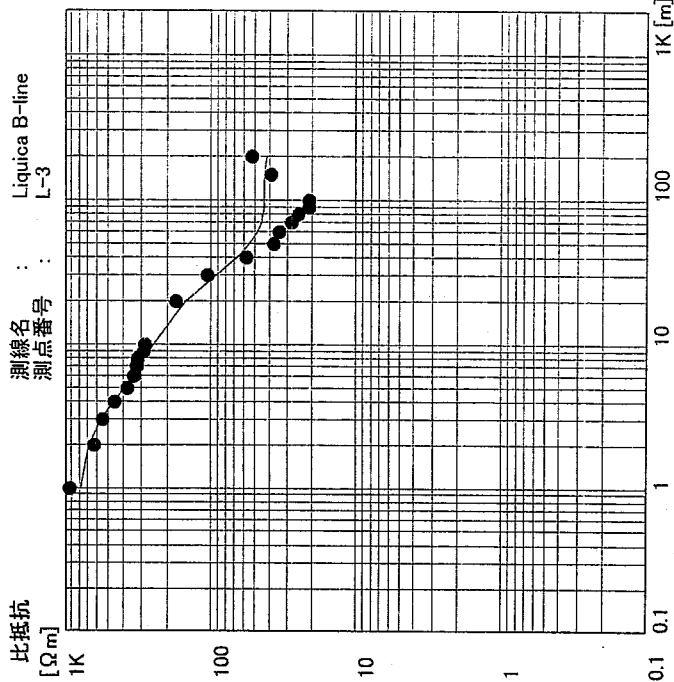
調査件名	Water Supply	測定年月日	200 年 11 月 6 日
測線名	Liquica B-line	測点番号	L-3
使用機器	McOHM	測定者氏名	T.Ohno



No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρa [Ωm]
1	1.000	0.500	1.500	669.0	4.490	149.0	6.283	936.2
2	2.000	1.000	3.000	249.0	4.990	49.90	12.57	627.1
3	3.000	1.500	4.500	132.0	4.490	29.40	18.85	554.2
4	4.000	2.000	6.000	88.90	4.990	17.82	25.13	447.8
5	5.000	2.500	7.500	59.10	4.990	11.84	31.42	372.1
6	6.000	3.000	9.000	44.60	4.990	8.938	37.70	336.9
7	7.000	3.500	10.50	36.50	4.990	7.315	43.98	321.7
8	8.000	4.000	12.00	30.90	4.990	6.192	50.27	311.3
9	9.000	4.500	13.50	25.50	4.990	5.110	56.55	289.0
10	10.00	5.000	15.00	22.20	4.990	4.449	62.83	279.5
11	20.00	10.00	30.00	6.850	4.990	1.373	125.7	172.5
12	30.00	15.00	45.00	5.600	9.980	0.561	188.5	105.8
13	40.00	20.00	60.00	2.280	9.980	0.228	251.3	57.42
14	50.00	25.00	75.00	1.190	9.980	0.119	314.2	37.46
15	60.00	30.00	90.00	1.800	19.90	0.090	377.0	34.10
16	70.00	35.00	105.0	1.270	19.90	0.064	439.8	28.07
17	80.00	40.00	120.0	1.000	19.90	0.050	502.7	25.26
18	90.00	45.00	135.0	0.750	19.90	0.038	565.5	21.31
19	100.0	50.00	150.0	1.520	45.60	0.033	628.3	20.94
20	150.0	75.00	225.0	0.810	19.90	0.041	942.5	38.36
21	200.0	100.0	300.0	0.830	19.90	0.042	1257	52.41
22								
23								
24								
25								

記事

PCI

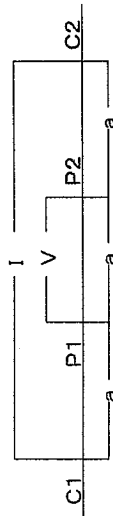


比抵抗	803	250	41.8	15.1
深度	2.18			

垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 11 月 3 日
測線名	Liquica B-line	測点番号	L-2
使用機器	McOHM	測定者氏名	T.Ohno



$$\rho a = 2 \pi a \cdot \Delta V / I$$

$$= K \cdot \Delta V / I [\Omega m]$$

No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρa [Ωm]
1	1.000	0.500	1.500	263.0	4.990	52.71	6.283	331.2
2	2.000	1.000	3.000	70.80	4.990	14.19	12.57	178.3
3	3.000	1.500	4.500	40.60	4.990	8.136	18.85	153.4
4	4.000	2.000	6.000	28.60	4.990	5.731	25.13	144.0
5	5.000	2.500	7.500	23.00	4.990	4.609	31.42	144.8
6	6.000	3.000	9.000	17.20	4.990	3.447	37.70	129.9
7	7.000	3.500	10.50	13.20	4.990	2.645	43.98	116.3
8	8.000	4.000	12.00	9.620	4.990	1.928	50.27	96.90
9	9.000	4.500	13.50	6.290	4.990	1.261	56.55	71.28
10	10.00	5.000	15.00	4.130	4.990	0.828	62.83	52.00
11	20.00	10.00	30.00	1.670	9.980	0.167	125.7	21.03
12	30.00	15.00	45.00	1.360	19.90	0.068	188.5	12.88
13	40.00	20.00	60.00	1.760	19.90	0.088	251.3	22.23
14	50.00	25.00	75.00	2.000	19.90	0.101	314.2	31.57
15	60.00	30.00	90.00	2.100	19.90	0.106	377.0	39.78
16	70.00	35.00	105.0	1.400	19.90	0.070	439.8	30.94
17	80.00	40.00	120.0	1.380	19.90	0.069	502.7	34.86
18	90.00	45.00	135.0	1.060	19.90	0.053	565.5	30.12
19	100.0	50.00	150.0	0.800	19.90	0.040	628.3	25.26
20	150.0	75.00	225.0	0.560	19.90	0.028	942.5	26.52
21	200.0	100.0	300.0	0.540	19.90	0.027	1257	34.10
22								
23								
24								
25								

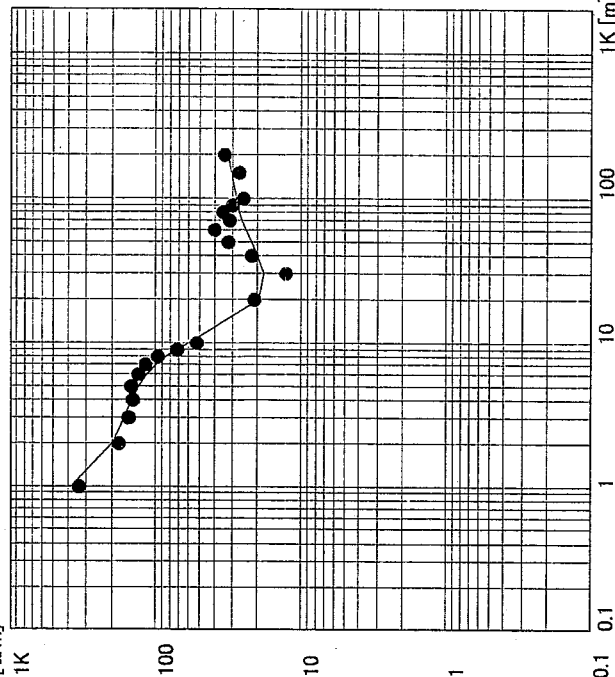
記事

PCI

比抵抗
[Ωm]

測線名
測点番号

Liquica B-line
L-2



電極配置
ウェンナー
ファイル名
L-2, Liquica B-line.wd

< 凡例 >
● : 測定値
- : 理論値

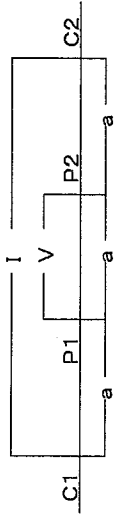
電極間隔

比抵抗	894	166	9.03	34.4	
深度		0.50	5.98	18.8	
					[Ωm]
					[m]

垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 11 月 7 日
測線名	Liquica B-line	測点番号	L-1
使用機器	McOHM	測定者氏名	T. Ohno

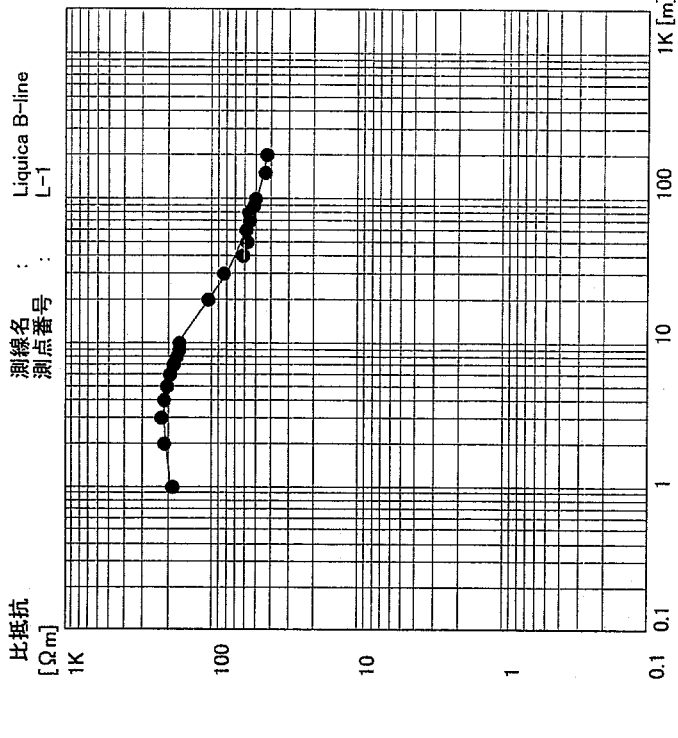


$$\rho_a = \frac{2\pi a \cdot \Delta V}{I}$$
$$= K \cdot \Delta V / I [\Omega m]$$

No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ωm]
1	1.000	0.500	1.500	147.0	5.000	29.40	6.283	184.7
2	2.000	1.000	3.000	84.20	4.990	16.87	12.57	212.0
3	3.000	1.500	4.500	58.10	4.990	11.64	18.85	219.5
4	4.000	2.000	6.000	41.60	4.990	8.337	25.13	209.5
5	5.000	2.500	7.500	32.30	4.990	6.473	31.42	203.4
6	6.000	3.000	9.000	25.60	4.990	5.130	37.70	193.4
7	7.000	3.500	10.50	20.80	4.990	4.168	43.98	183.3
8	8.000	4.000	12.00	17.30	4.990	3.467	50.27	174.3
9	9.000	4.500	13.50	14.70	4.990	2.946	56.55	166.6
10	10.00	5.000	15.00	13.30	4.990	2.665	62.83	167.5
11	20.00	10.00	30.00	4.190	4.990	0.840	125.7	105.5
12	30.00	15.00	45.00	2.180	4.990	0.437	188.5	82.35
13	40.00	20.00	60.00	2.450	9.990	0.245	251.3	61.64
14	50.00	25.00	75.00	1.840	9.990	0.184	314.2	57.86
15	60.00	30.00	90.00	1.560	9.990	0.156	377.0	58.87
16	70.00	35.00	105.0	1.260	9.990	0.126	439.8	55.47
17	80.00	40.00	120.0	2.200	19.90	0.111	502.7	55.57
18	90.00	45.00	135.0	1.800	19.90	0.090	565.5	51.15
19	100.0	50.00	150.0	1.600	19.90	0.080	628.3	50.52
20	150.0	75.00	225.0	2.300	49.90	0.046	942.5	43.44
21	200.0	100.0	300.0	1.680	49.90	0.034	1257	42.31
22								
23								
24								
25								

記事

PCI

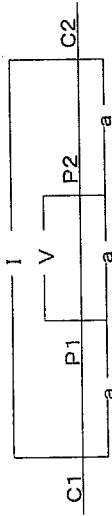


比抵抗 [Ωm]	224	88.2	39.8
比抵抗	157		
深度	0.50	8.31	47.2

垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 11 月 3 日
測線名	Liquica A-line	測点番号	A-7
使用機器	McOHM	測定者氏名	T.Ohno



$$\rho_a = \frac{2\pi a \cdot \Delta V}{I} = K \cdot \Delta V / I [\Omega m]$$

No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ω m]
1	1.000	0.500	1.500	411.0	4.990	82.36	6.283	517.5
2	2.000	1.000	3.000	166.0	4.490	36.97	12.57	464.6
3	3.000	1.500	4.500	98.20	4.490	21.87	18.85	412.3
4	4.000	2.000	6.000	70.30	4.490	15.66	25.13	393.5
5	5.000	2.500	7.500	52.70	4.490	11.74	31.42	368.7
6	6.000	3.000	9.000	43.50	4.490	9.688	37.70	365.2
7	7.000	3.500	10.50	38.10	4.490	8.486	43.98	373.2
8	8.000	4.000	12.00	30.90	4.490	6.882	50.27	345.9
9	9.000	4.500	13.50	25.00	4.490	5.568	56.55	314.9
10	10.00	5.000	15.00	20.30	4.490	4.521	62.83	284.1
11	20.00	10.00	30.00	5.780	4.490	1.287	125.7	161.8
12	30.00	15.00	45.00	3.310	4.490	0.737	188.5	139.0
13	40.00	20.00	60.00	2.360	4.490	0.526	251.3	132.1
14	50.00	25.00	75.00	3.500	9.980	0.351	314.2	110.2
15	60.00	30.00	90.00	2.710	9.980	0.272	377.0	102.4
16	70.00	35.00	105.0	2.250	9.980	0.225	439.8	99.16
17	80.00	40.00	120.0	1.970	9.980	0.197	502.7	99.22
18	90.00	45.00	135.0	4.400	19.90	0.221	565.5	125.0
19	100.0	50.00	150.0	4.600	19.90	0.231	628.3	145.2
20	150.0	75.00	225.0	2.780	19.90	0.140	942.5	131.7
21	200.0	100.0	300.0	1.570	19.90	0.079	1257	99.14
22								
23								
24								
25								

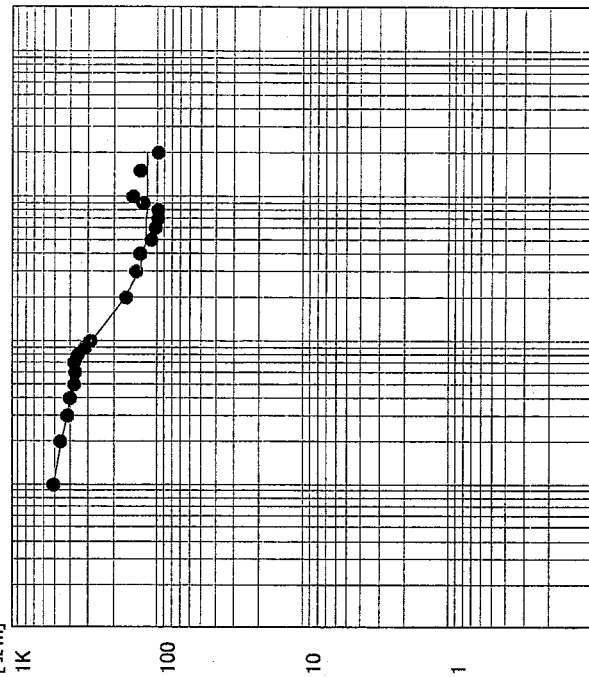
記事

PCI

比抵抗
[Ω m]

測線名
測点番号

Liquica A-line
A-7



電極配置
ウェンナー
ファイル名
A-7, Liquica A-line.wd

< 凡例 >
● : 測定値
— : 理論値

電極間隔

比抵抗	552	393	117
深度	0.97	7.67	

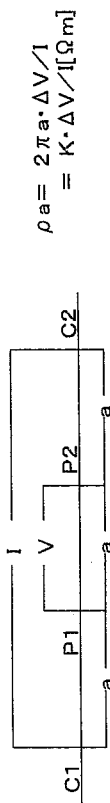
[Ω m]

[m]

垂直電気探査

(ウェンナー-電極配置)

調査件名	Water Supply	測定年月日	200 年 11 月 1 日
測線名	Liquica A-line	測点番号	A-6
使用機器	McOHM	測定者氏名	T.Ohno

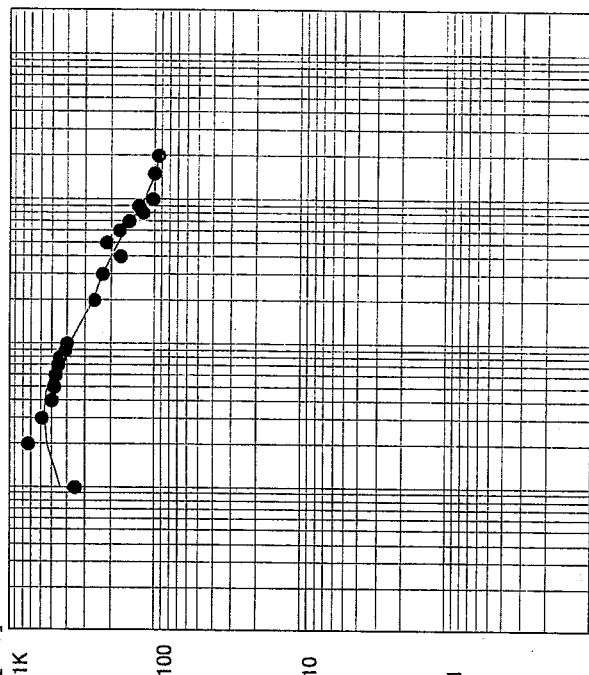


No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ωm]
1	1.000	0.500	1.500	276.0	4.990	55.31	6.283	347.5
2	2.000	1.000	3.000	291.0	4.990	58.32	12.57	732.8
3	3.000	1.500	4.500	155.0	4.990	31.06	18.85	585.5
4	4.000	2.000	6.000	100.0	4.990	20.04	25.13	503.7
5	5.000	2.500	7.500	76.10	4.990	15.25	31.42	479.1
6	6.000	3.000	9.000	62.30	4.990	12.48	37.70	470.7
7	7.000	3.500	10.50	51.70	4.990	10.36	43.98	455.7
8	8.000	4.000	12.00	43.60	4.990	8.737	50.27	439.2
9	9.000	4.500	13.50	36.10	4.990	7.234	56.55	409.1
10	10.00	5.000	15.00	31.20	4.990	6.253	62.83	392.9
11	20.00	10.00	30.00	10.30	4.990	2.064	125.7	259.4
12	30.00	15.00	45.00	5.930	4.990	1.188	188.5	224.0
13	40.00	20.00	60.00	3.410	4.990	0.683	251.3	171.7
14	50.00	25.00	75.00	2.990	4.490	0.666	314.2	209.2
15	60.00	30.00	90.00	4.580	9.980	0.459	377.0	173.0
16	70.00	35.00	105.0	3.370	9.980	0.338	439.8	148.5
17	80.00	40.00	120.0	2.390	9.980	0.239	502.7	120.4
18	90.00	45.00	135.0	2.280	9.980	0.228	565.5	129.2
19	100.0	50.00	150.0	3.280	19.90	0.165	628.3	103.6
20	150.0	75.00	225.0	2.150	19.90	0.108	942.5	101.8
21	200.0	100.0	300.0	1.480	19.80	0.075	1257	93.93
22								
23								
24								
25								

記事

PCI

比抵抗
[Ωm]



電極配置
ウェンナー

ファイル名
A-6, Liquica A-line.wd

< 凡例 >
● : 測定値
- : 理論値

電極間隔

比抵抗	354	709	240	88.1	
深度	0.68	4.33	38.6		

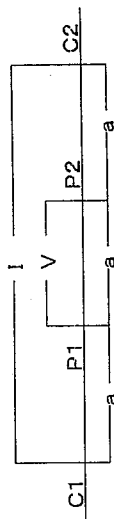
[Ωm]

[m]

垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 10 月 31 日
測線名	Liquica A-line	測点番号	A-5, Well No. Dato 2
使用機器	McOHM	測定者氏名	T. Ohno



$$\rho_a = \frac{2\pi a \cdot \Delta V}{I}$$

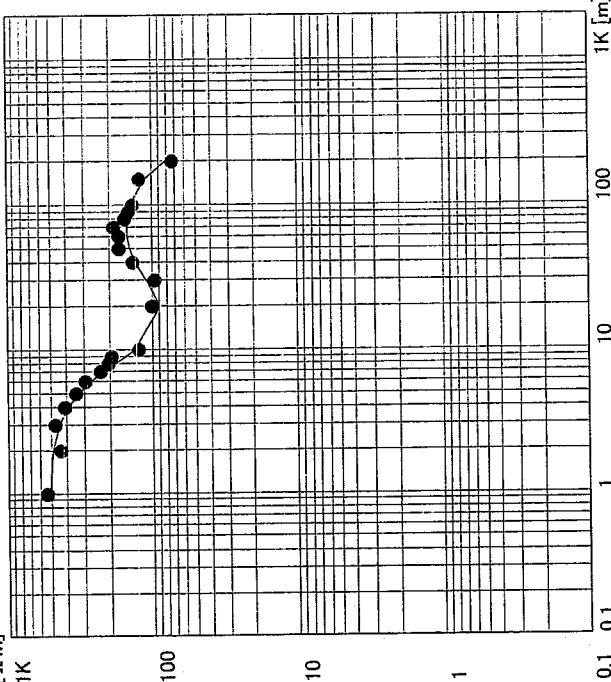
$$= K \cdot \Delta V / [\Omega m]$$

No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ω m]
1	1.000	0.500	1.500	423.0	4.990	84.77	6.283	532.6
2	2.000	1.000	3.000	172.0	4.990	34.47	12.57	433.1
3	3.000	1.500	4.500	124.0	4.990	24.85	18.85	468.4
4	4.000	2.000	6.000	80.30	4.990	16.09	25.13	404.4
5	5.000	2.500	7.500	54.60	4.990	10.94	31.42	343.7
6	6.000	3.000	9.000	38.50	4.990	7.715	37.70	290.9
7	7.000	3.500	10.50	25.90	4.990	5.190	43.98	228.3
8	8.000	4.000	12.00	19.93	4.990	3.994	50.27	200.8
9	9.000	4.500	13.50	17.20	4.990	3.447	56.55	194.9
10	10.00	5.000	15.00	9.900	4.990	1.984	62.83	124.7
11	20.00	10.00	30.00	4.050	4.990	0.812	125.7	102.0
12	30.00	15.00	45.00	5.140	9.980	0.515	188.5	97.08
13	40.00	20.00	60.00	5.420	9.980	0.543	251.3	136.5
14	50.00	25.00	75.00	5.370	9.980	0.538	314.2	169.0
15	60.00	30.00	90.00	4.480	9.980	0.449	377.0	169.2
16	70.00	35.00	105.0	4.250	9.980	0.426	439.8	187.3
17	80.00	40.00	120.0	3.100	9.980	0.311	502.7	156.1
18	90.00	45.00	135.0	2.560	9.980	0.257	565.5	145.1
19	100.0	50.00	150.0	2.170	9.980	0.217	628.3	136.6
20	150.0	75.00	225.0	1.300	9.980	0.130	942.5	122.8
21	200.0	100.0	300.0	0.580	9.980	0.058	1257	73.03
22								
23								
24								
25								

記事

PCI

測線名 : Liquica A-line
測点番号 : A-5, Well No. Dato 2



< 凡例 >
● : 測定値
— : 理論値

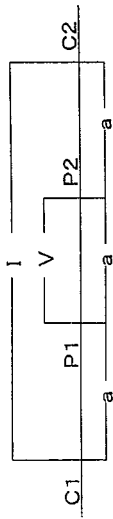
電極配置
ウェンナー
ファイル名
A-5, Liquica A-line Well No. 1

比抵抗 [Ω m]	514	45.1	417	27.3
深度 [m]	4.21	16.1	54.3	

垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 10 月 31 日
測線名	Liquica A-line	測点番号	A-4
使用機器	McOHM	測定者氏名	T.Ohno

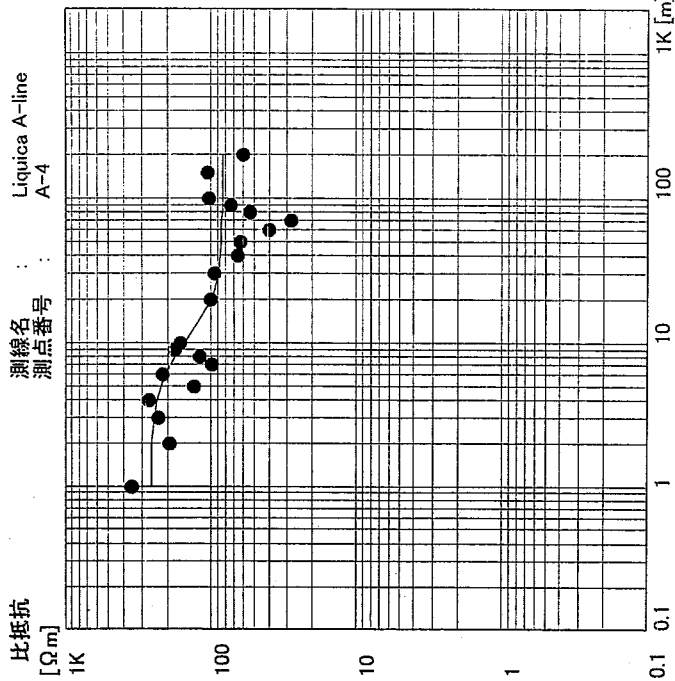


$$\rho_a = \frac{2\pi a \cdot \Delta V}{I}$$
$$= K \cdot \Delta V / I [\Omega m]$$

No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ωm]
1	1.000	0.500	1.500	276.0	4.990	55.31	6.283	347.5
2	2.000	1.000	3.000	77.10	4.990	15.45	12.57	194.2
3	3.000	1.500	4.500	61.30	4.990	12.28	18.85	231.6
4	4.000	2.000	6.000	53.80	4.990	10.78	25.13	271.0
5	5.000	2.500	7.500	20.70	4.990	4.148	31.42	130.3
6	6.000	3.000	9.000	28.30	4.990	5.671	37.70	213.8
7	7.000	3.500	10.50	11.10	4.990	2.224	43.98	97.84
8	8.000	4.000	12.00	11.80	4.990	2.365	50.27	118.9
9	9.000	4.500	13.50	15.70	4.990	3.146	56.55	177.9
10	10.00	5.000	15.00	12.80	4.990	2.565	62.83	161.2
11	20.00	10.00	30.00	4.050	4.990	0.812	125.7	102.0
12	30.00	15.00	45.00	2.500	4.990	0.501	188.5	94.44
13	40.00	20.00	60.00	1.310	4.990	0.263	251.3	65.98
14	50.00	25.00	75.00	1.000	4.990	0.200	314.2	62.96
15	60.00	30.00	90.00	1.040	9.980	0.104	377.0	39.29
16	70.00	35.00	105.0	1.280	19.90	0.064	439.8	28.29
17	80.00	40.00	120.0	2.140	19.90	0.108	502.7	54.05
18	90.00	45.00	135.0	2.390	18.50	0.129	565.5	73.05
19	100.0	50.00	150.0	3.240	19.90	0.163	628.3	102.3
20	150.0	75.00	225.0	2.060	18.40	0.112	942.5	105.5
21	200.0	100.0	300.0	2.350	49.80	0.047	1257	59.30
22								
23								
24								
25								

記事

PCI



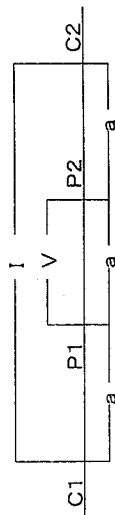
＜凡例＞
● : 測定値
— : 理論値

比抵抗	260	83.1
深度	5.49 [m]	

垂直電気探査

(ウェンナー電極配置)

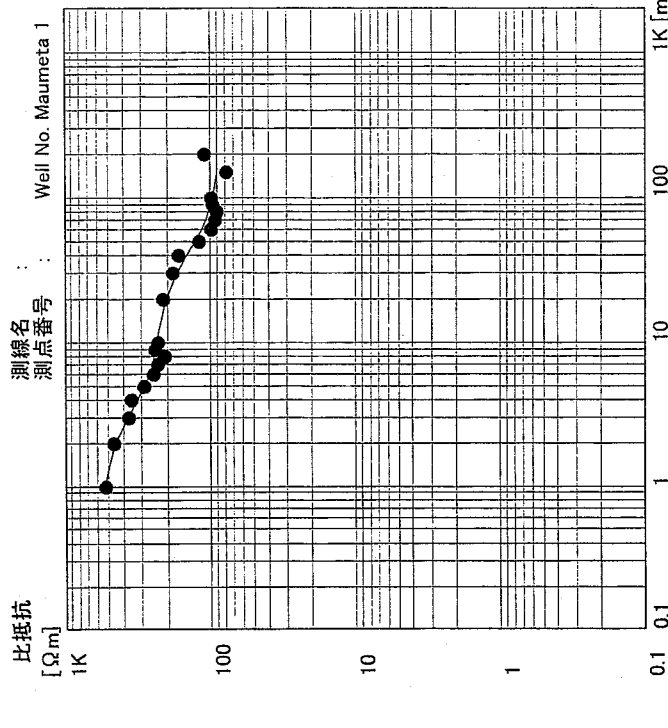
調査件名	Water Supply	測定年月日	200 年 10 月 27 日
測線名		測点番号	Well No. Maumeta 1
使用機器	McOHM	測定者氏名	T. Ohno



$$\rho_a = \frac{2\pi a \cdot \Delta V}{I}$$

$$= K \cdot \Delta V / I [\Omega m]$$

No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ωm]
1	1.000	0.500	1.500	419.0	4.990	83.97	6.283	527.6
2	2.000	1.000	3.000	185.0	4.990	37.07	12.57	485.9
3	3.000	1.500	4.500	96.80	4.990	19.40	18.85	365.7
4	4.000	2.000	6.000	69.90	4.990	14.01	25.13	352.1
5	5.000	2.500	7.500	45.50	4.990	9.118	31.42	286.5
6	6.000	3.000	9.000	32.70	4.990	6.553	37.70	247.0
7	7.000	3.500	10.50	26.40	4.990	5.291	43.98	232.7
8	8.000	4.000	12.00	20.70	4.990	4.148	50.27	208.5
9	9.000	4.500	13.50	21.30	4.990	4.269	56.55	241.4
10	10.000	5.000	15.00	18.50	4.990	3.707	62.83	232.9
11	20.000	10.000	30.000	8.380	4.990	1.679	125.7	211.0
12	30.000	15.000	45.000	9.580	9.980	0.960	188.5	180.9
13	40.000	20.000	60.000	6.650	9.980	0.666	251.3	167.5
14	50.000	25.000	75.000	3.780	9.980	0.379	314.2	119.0
15	60.000	30.000	90.000	2.630	9.980	0.264	377.0	99.35
16	70.000	35.000	105.0	4.150	19.90	0.209	439.8	91.72
17	80.000	40.000	120.0	3.580	19.90	0.180	502.7	90.43
18	90.000	45.000	135.0	3.370	19.90	0.169	565.5	95.76
19	100.0	50.000	150.0	3.140	19.90	0.158	628.3	99.14
20	150.0	75.000	225.0	1.650	19.90	0.083	942.5	78.15
21	200.0	100.0	300.0	1.750	19.90	0.088	1257	110.5
22								
23								
24								
25								



比抵抗 [Ωm]	573	231	38.1	
電極間隔 [m]		1.63	22.6	

電極配置
ウェンナー
ファイル名
Well No. Maumeta-1, Lliquica.

< 凡例 >
● : 測定値
— : 理論値

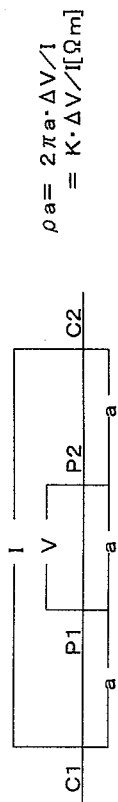
記事

PCI

垂直電気探査

(ウェンナー電極配置)

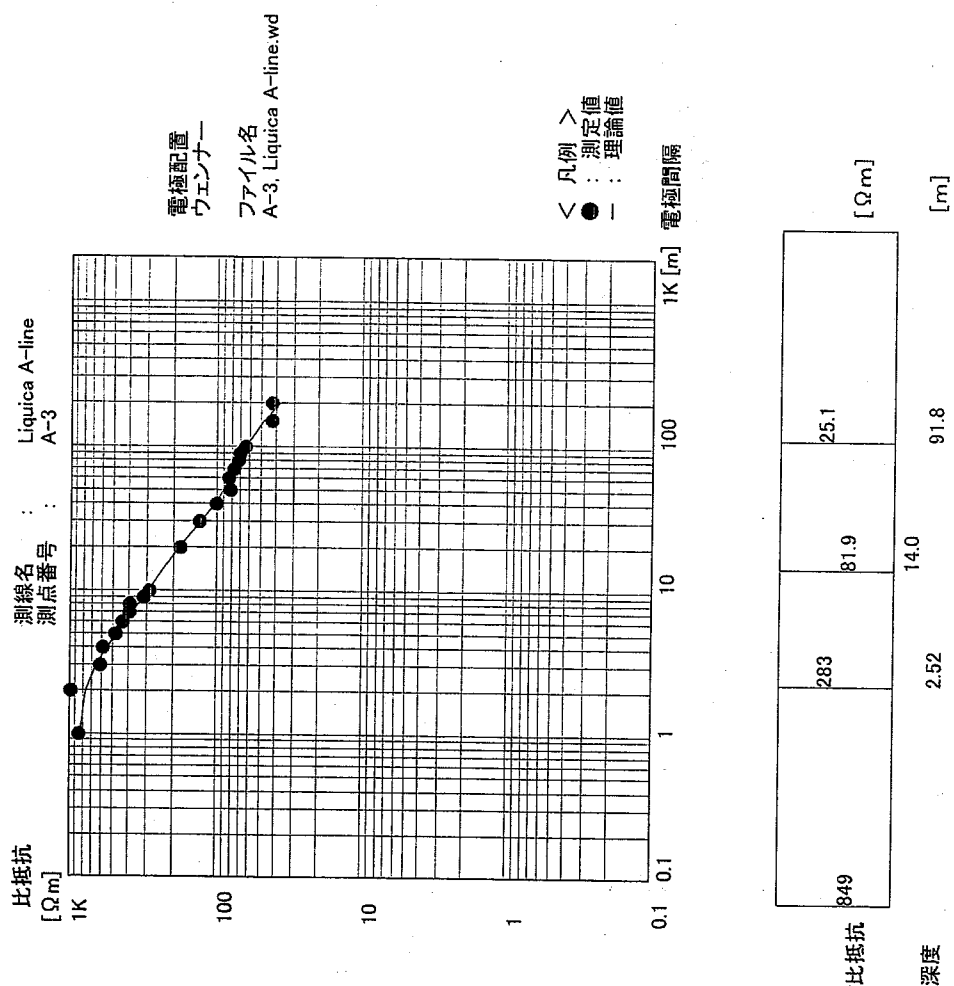
調査件名	Water Supply	測定年月日	200 年 11 月 1 日
測線名	Liquica A-line	測点番号	A-3
使用機器	McOHM	測定者氏名	T.Ohno



No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρa [Ω m]
1	1.000	0.500	1.500	673.0	4.990	134.9	6.283	847.4
2	2.000	1.000	3.000	383.0	4.990	76.75	12.57	964.5
3	3.000	1.500	4.500	162.0	4.990	32.46	18.85	611.9
4	4.000	2.000	6.000	116.0	4.990	23.25	25.13	584.2
5	5.000	2.500	7.500	77.00	4.990	15.43	31.42	484.8
6	6.000	3.000	9.000	57.00	4.990	11.42	37.70	430.6
7	7.000	3.500	10.50	44.00	4.990	8.818	43.98	387.8
8	8.000	4.000	12.00	38.20	4.990	7.655	50.27	384.8
9	9.000	4.500	13.50	27.60	4.990	5.531	56.55	312.8
10	10.00	5.000	15.00	22.90	4.990	4.589	62.83	288.3
11	20.00	10.00	30.00	7.100	4.990	1.423	125.7	178.8
12	30.00	15.00	45.00	3.460	4.990	0.693	188.5	130.7
13	40.00	20.00	60.00	3.970	9.990	0.397	251.3	99.88
14	50.00	25.00	75.00	2.590	9.990	0.259	314.2	81.45
15	60.00	30.00	90.00	2.220	9.980	0.222	377.0	83.86
16	70.00	35.00	105.0	1.720	9.980	0.172	439.8	75.80
17	80.00	40.00	120.0	2.840	19.90	0.143	502.7	71.74
18	90.00	45.00	135.0	2.440	19.90	0.123	565.5	69.34
19	100.0	50.00	150.0	2.020	19.90	0.102	628.3	63.78
20	150.0	75.00	225.0	1.880	42.10	0.045	942.5	42.09
21	200.0	100.0	300.0	1.580	47.00	0.034	1257	42.24
22								
23								
24								
25								

記事

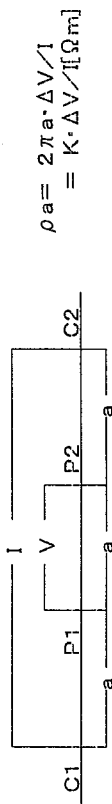
PCI



垂直電気探査

(ウェンナー電極配置)

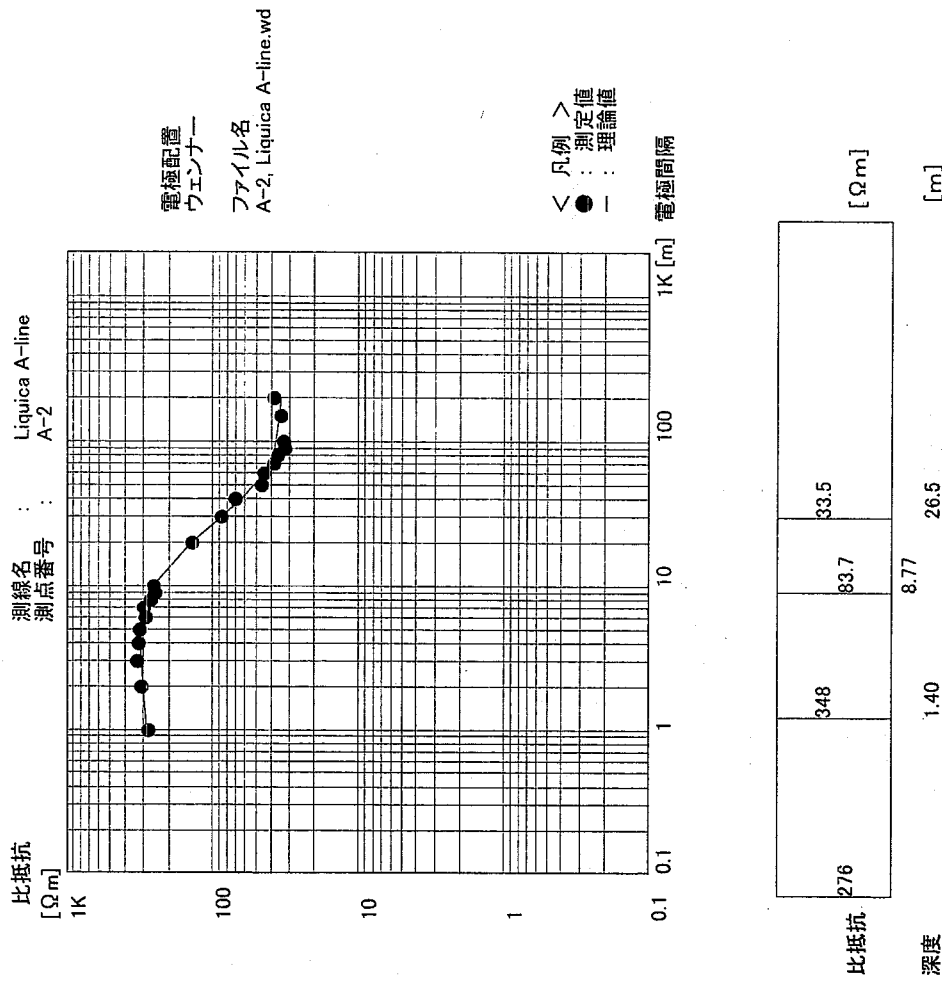
調査件名	Water Supply	測定年月日	200 年 11 月 7 日
測線名	Liquica A-line	測点番号	A-2
使用機器	McOHM	測定者氏名	T.Ohno



No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ω m]
1	1.000	0.500	1.500	216.0	4.990	43.29	6.283	272.0
2	2.000	1.000	3.000	122.0	4.990	24.45	12.57	307.2
3	3.000	1.500	4.500	86.70	4.990	17.37	18.85	327.5
4	4.000	2.000	6.000	63.60	4.990	12.75	25.13	320.3
5	5.000	2.500	7.500	49.30	4.990	9.880	31.42	310.4
6	6.000	3.000	9.000	38.00	4.990	7.615	37.70	287.1
7	7.000	3.500	10.50	32.90	4.990	6.593	43.98	290.0
8	8.000	4.000	12.00	26.20	4.990	5.251	50.27	263.9
9	9.000	4.500	13.50	21.70	4.990	4.349	56.55	245.9
10	10.00	5.000	15.00	19.90	4.990	3.988	62.83	250.6
11	20.00	10.00	30.00	5.470	4.990	1.096	125.7	137.8
12	30.00	15.00	45.00	2.310	4.990	0.463	188.5	87.26
13	40.00	20.00	60.00	2.740	9.980	0.275	251.3	69.00
14	50.00	25.00	75.00	1.470	9.980	0.147	314.2	46.27
15	60.00	30.00	90.00	1.180	9.980	0.118	377.0	44.57
16	70.00	35.00	105.0	1.720	19.90	0.086	439.8	38.01
17	80.00	40.00	120.0	1.410	19.90	0.071	502.7	35.62
18	90.00	45.00	135.0	1.130	19.90	0.057	565.5	32.11
19	100.0	50.00	150.0	1.030	19.90	0.052	628.3	32.52
20	150.0	75.00	225.0	1.810	49.90	0.036	942.5	34.19
21	200.0	100.0	300.0	1.510	49.90	0.030	1257	38.03
22								
23								
24								
25								

記事

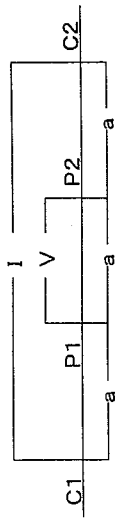
PCI



垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 11 月 7 日
測線名	Liquica A-line	測点番号	A-1
使用機器	McOHM	測定者氏名	T.Ohno

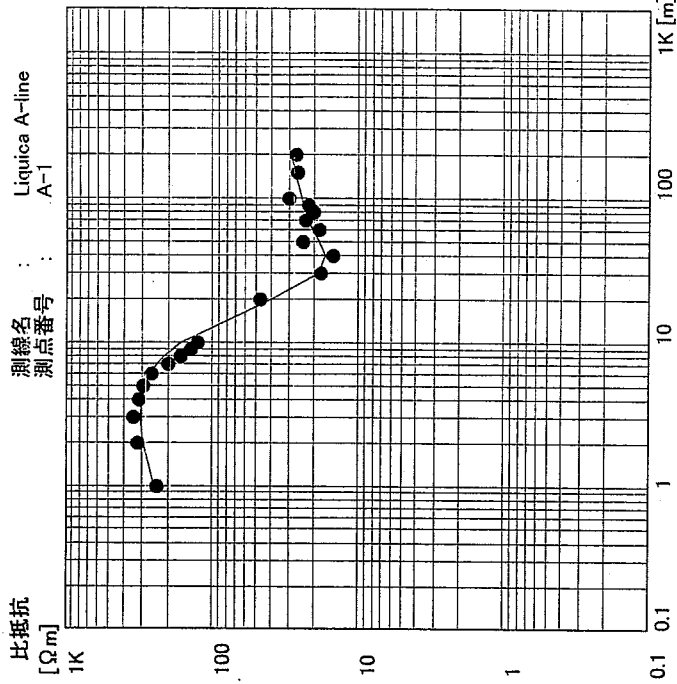


$$\rho_a = \frac{2\pi a \cdot \Delta V}{I}$$
$$= K \cdot \Delta V / I [\Omega m]$$

No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ωm]
1	1.000	0.500	1.500	188.0	4.990	37.68	6.283	236.7
2	2.000	1.000	3.000	127.0	4.990	25.45	12.57	319.8
3	3.000	1.500	4.500	89.70	4.990	17.98	18.85	338.8
4	4.000	2.000	6.000	61.50	4.990	12.32	25.13	309.8
5	5.000	2.500	7.500	46.50	4.990	9.319	31.42	292.8
6	6.000	3.000	9.000	33.70	4.990	6.754	37.70	254.6
7	7.000	3.500	10.50	22.40	4.990	4.489	43.98	197.4
8	8.000	4.000	12.00	16.10	4.990	3.226	50.27	162.2
9	9.000	4.500	13.50	12.40	4.990	2.485	56.55	140.5
10	10.00	5.000	15.00	9.870	4.990	1.978	62.83	124.3
11	20.00	10.00	30.00	1.890	4.990	0.379	125.7	47.60
12	30.00	15.00	45.00	1.910	19.90	0.096	188.5	18.09
13	40.00	20.00	60.00	1.170	19.90	0.059	251.3	14.78
14	50.00	25.00	75.00	1.510	19.90	0.076	314.2	23.84
15	60.00	30.00	90.00	0.970	19.90	0.049	377.0	18.38
16	70.00	35.00	105.0	1.040	19.90	0.052	439.8	22.99
17	80.00	40.00	120.0	0.800	19.90	0.040	502.7	20.21
18	90.00	45.00	135.0	0.770	19.90	0.039	565.5	21.88
19	100.0	50.00	150.0	0.960	19.90	0.048	628.3	30.31
20	150.0	75.00	225.0	1.380	49.90	0.028	942.5	26.06
21	200.0	100.0	300.0	1.060	49.90	0.021	1257	26.69
22								
23								
24								
25								

記事

PCI



電極配置
ウェンナー
ファイル名
A-1, Liquica A-line.wd

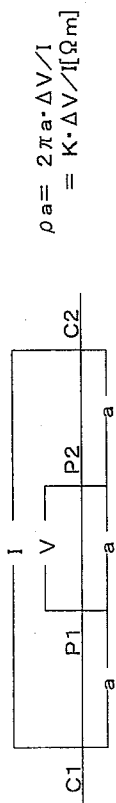
< 凡例 >
● : 測定値
— : 理論値

比抵抗	177	349	9.02	32.4
深度	0.50	6.59	24.3	

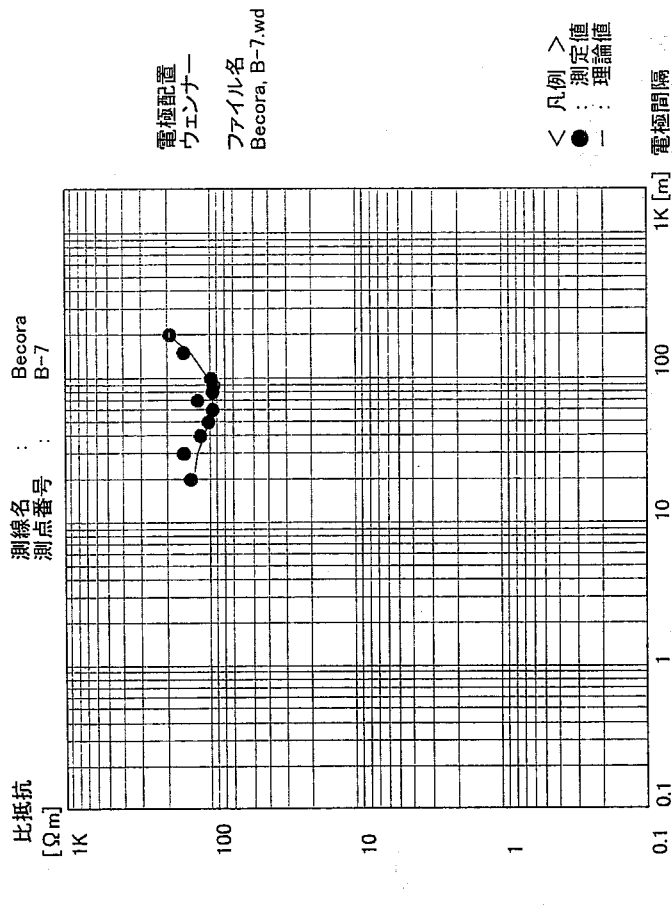
垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 10 月 19 日
測線名	Becora	測点番号	B-7
使用機器	McOHM	測定者氏名	T.Ohno



No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ωm]
1	20.00	10.00	30.00	10.80	9.990	1.081	125.7	135.9
2	30.00	15.00	45.00	8.080	9.990	0.809	188.5	152.5
3	40.00	20.00	60.00	4.650	9.990	0.465	251.3	117.0
4	50.00	25.00	75.00	16.50	49.80	0.331	314.2	104.1
5	60.00	30.00	90.00	12.80	49.80	0.257	377.0	96.90
6	70.00	35.00	105.0	13.80	49.80	0.277	439.8	121.9
7	80.00	40.00	120.0	9.510	49.80	0.191	502.7	95.99
8	90.00	45.00	135.0	8.370	49.80	0.168	565.5	95.04
9	100.0	50.00	150.0	7.820	49.80	0.157	628.3	98.66
10	150.0	75.00	225.0	8.060	49.80	0.162	942.5	152.5
11	200.0	100.0	300.0	7.470	49.80	0.150	1257	188.5
12								
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電極配置
ウェンナー
ファイル名
Becora, B-7.wd

● : 測定値
— : 理論値

比抵抗 [Ωm]	136	25.4	6447
深度 [m]		38.9	68.9

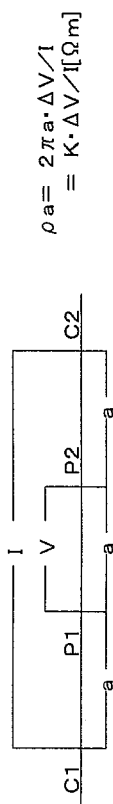
記事

PCI

垂直電気探査

(ウェンナー電極配置)

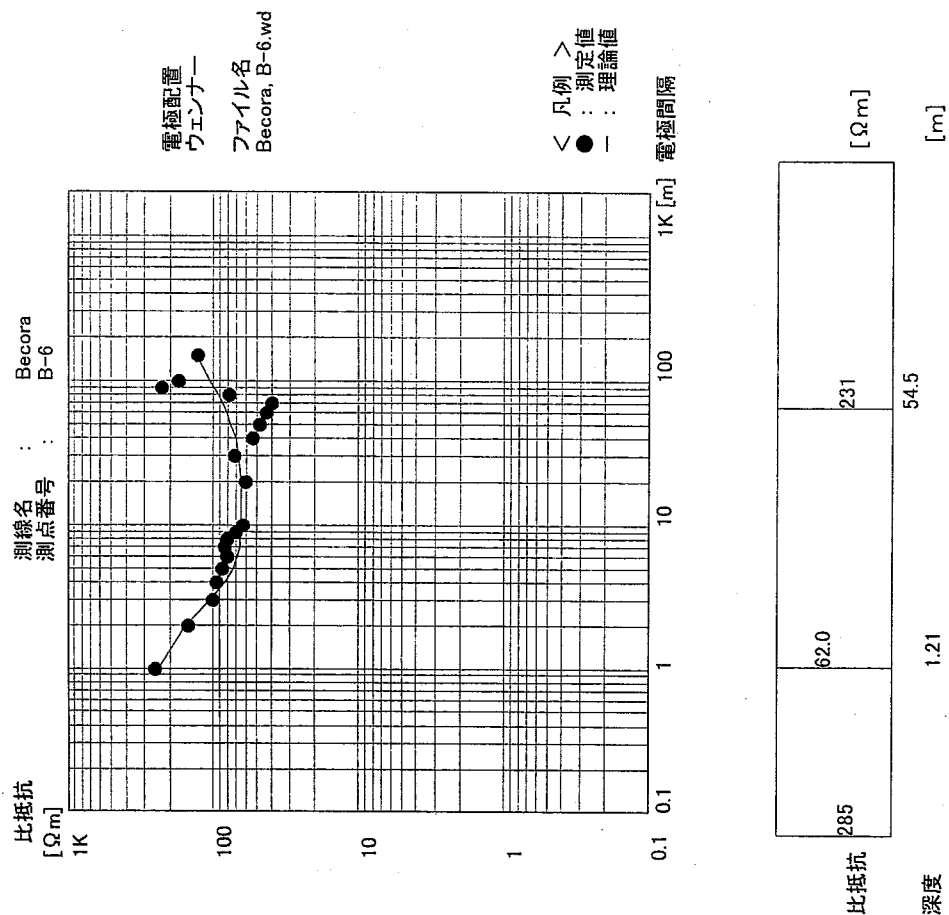
調査件名	Water Supply	測定年月日	200 年 10 月 18 日
測線名	Becora	測点番号	B-6
使用機器	McOHM	測定者氏名	T.Ohno



No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ω m]
1	1.000	0.500	1.500	398.0	9.990	39.84	6.283	250.3
2	2.000	1.000	3.000	118.0	9.990	11.81	12.57	148.4
3	3.000	1.500	4.500	53.10	9.990	5.315	18.85	100.2
4	4.000	2.000	6.000	37.70	9.990	3.774	25.13	94.85
5	5.000	2.500	7.500	27.70	9.990	2.773	31.42	87.11
6	6.000	3.000	9.000	21.10	9.990	2.112	37.70	79.62
7	7.000	3.500	10.50	18.90	9.990	1.892	43.98	83.21
8	8.000	4.000	12.00	15.90	9.990	1.592	50.27	80.00
9	9.000	4.500	13.50	12.40	9.990	1.241	56.55	70.19
10	10.00	5.000	15.00	9.970	9.990	0.998	62.83	62.71
11	20.00	10.00	30.00	4.740	9.990	0.474	125.7	59.62
12	30.00	15.00	45.00	3.770	9.990	0.377	188.5	71.13
13	40.00	20.00	60.00	10.70	49.80	0.215	251.3	54.00
14	50.00	25.00	75.00	7.670	49.80	0.154	314.2	48.39
15	60.00	30.00	90.00	5.730	49.80	0.115	377.0	43.38
16	70.00	35.00	105.0	4.530	49.80	0.091	439.8	40.01
17	80.00	40.00	120.0	7.720	49.80	0.155	502.7	77.92
18	90.00	45.00	135.0	19.80	49.80	0.398	565.5	224.8
19	100.0	50.00	150.0	13.80	49.80	0.277	628.3	174.1
20	150.0	75.00	225.0	6.770	49.80	0.136	942.5	128.1
21								
22								
23								
24								
25								

記事

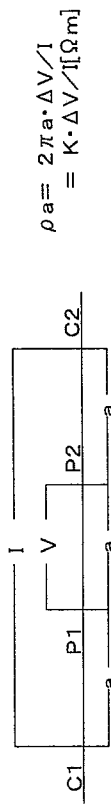
PCI



垂直電気探査

(ウェンナー電極配置)

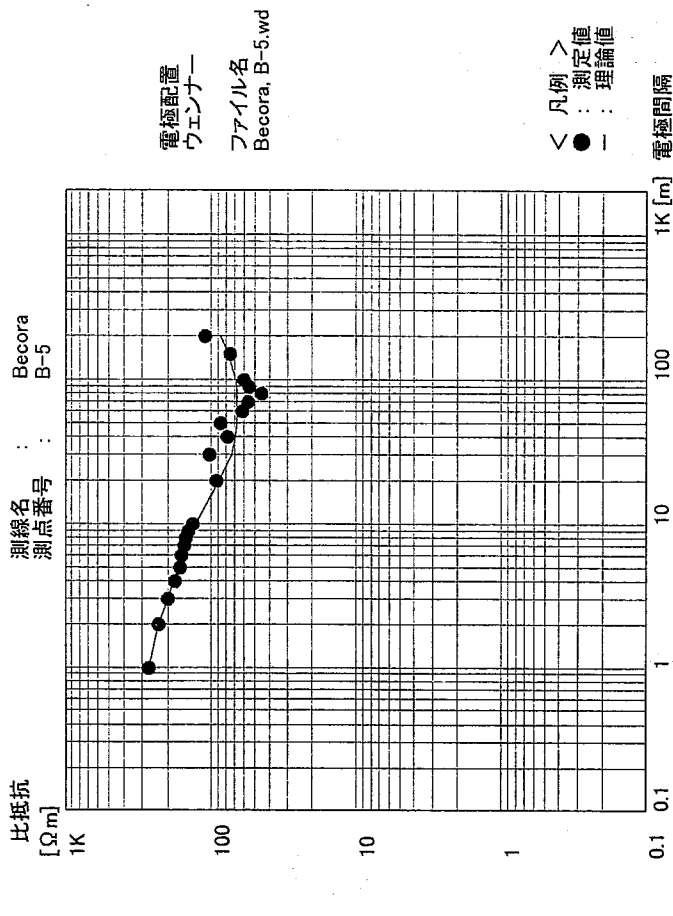
調査件名	Water Supply	測定年月日	200 年 10 月 19 日
測線名	Becora	測点番号	B-5
使用機器	McOHM	測定者氏名	T.Ohno



No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [\Omega]	K [m]	ρa [\Omega m]
1	1000	0.500	1.500	427.0	9.990	42.74	6.283	268.6
2	2000	1.000	3.000	184.0	9.990	18.42	12.57	231.5
3	3000	1.500	4.500	105.0	9.990	10.51	18.85	198.1
4	4000	2.000	6.000	70.80	9.990	7.087	25.13	178.1
5	5000	2.500	7.500	51.40	9.990	5.145	31.42	161.6
6	6000	3.000	9.000	41.90	9.990	4.194	37.70	158.1
7	7000	3.500	10.50	34.90	9.990	3.493	43.98	153.7
8	8000	4.000	12.00	29.40	9.980	2.946	50.27	148.1
9	9000	4.500	13.50	25.10	9.980	2.515	56.55	142.2
10	10000	5.000	15.00	21.40	9.980	2.144	62.83	134.7
11	20000	10.000	30.000	37.10	49.90	0.743	125.7	93.43
12	30000	15.000	45.000	27.57	49.90	0.553	188.5	104.1
13	40000	20.000	60.000	15.60	49.90	0.313	251.3	78.57
14	50000	25.000	75.000	13.80	49.90	0.277	314.2	86.88
15	60000	30.000	90.000	8.180	49.90	0.164	377.0	61.80
16	70000	35.000	105.000	6.380	49.90	0.128	439.8	56.23
17	80000	40.000	120.000	8.990	99.80	0.090	502.7	45.28
18	90000	45.000	135.000	9.780	99.80	0.098	565.5	55.42
19	100000	50.000	150.000	9.570	99.80	0.096	628.3	60.25
20	150000	75.000	225.000	7.830	99.80	0.078	942.5	73.94
21	200000	100.000	300.000	8.780	99.80	0.088	1257	110.6
22								
23								
24								
25								

記事

PCI

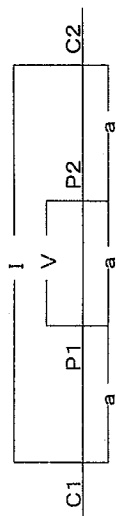


比抵抗	285	159	63.2	387
深度	1.35	8.79	192	
				[m]

垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 10 月 19 日
測線名	Becora	測点番号	B-4
使用機器	McOHM	測定者氏名	T.Ohno



$$\rho_a = \frac{2\pi a \cdot \Delta V}{I} = K \cdot \Delta V / I [\Omega m]$$

No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ωm]
1	1.000	0.500	1.500	318.0	9.990	31.83	6.283	200.0
2	2.000	1.000	3.000	127.0	9.990	12.71	12.57	159.8
3	3.000	1.500	4.500	65.50	9.990	6.557	18.85	123.6
4	4.000	2.000	6.000	39.10	9.990	3.914	25.13	98.37
5	5.000	2.500	7.500	26.20	9.990	2.623	31.42	82.39
6	6.000	3.000	9.000	18.50	9.990	1.852	37.70	69.81
7	7.000	3.500	10.50	15.80	9.990	1.582	43.98	69.56
8	8.000	4.000	12.00	12.00	9.990	1.201	50.27	60.38
9	9.000	4.500	13.50	9.450	9.990	0.946	56.55	53.49
10	10.00	5.000	15.00	39.10	49.90	0.784	62.83	49.23
11	20.00	10.00	30.00	26.80	49.90	0.537	125.7	67.49
12	30.00	15.00	45.00	19.20	49.90	0.385	188.5	72.53
13	40.00	20.00	60.00	20.70	49.90	0.415	251.3	104.3
14	50.00	25.00	75.00	22.54	49.90	0.452	314.2	141.9
15	60.00	30.00	90.00	27.50	99.80	0.276	377.0	103.9
16	70.00	35.00	105.0	29.10	99.80	0.292	439.8	128.2
17	80.00	40.00	120.0	28.70	99.80	0.288	502.7	144.6
18	90.00	45.00	135.0	20.20	99.80	0.202	565.5	114.5
19	100.0	50.00	150.0	13.60	99.80	0.136	628.3	85.62
20	150.0	75.00	225.0	20.00	99.80	0.200	942.5	188.9
21	200.0	100.0	300.0	13.70	99.80	0.137	1257	172.5
22								
23								
24								
25								

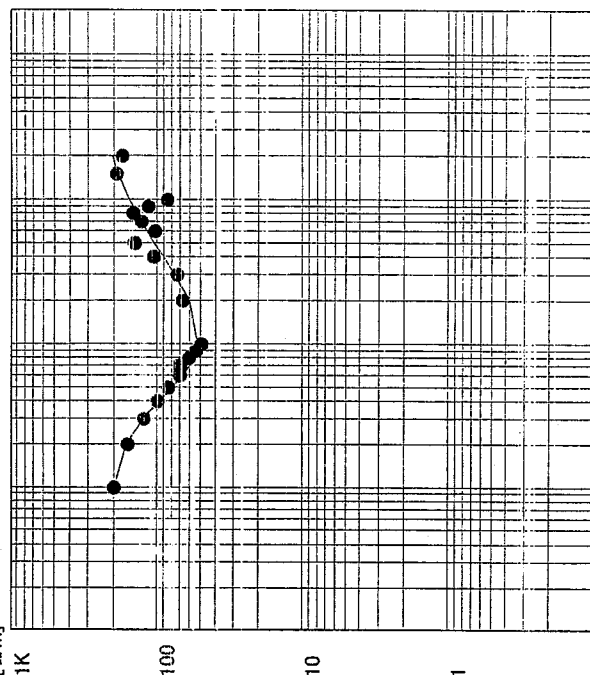
記事

PCI

比抵抗
[Ωm]

測線名
測点番号

Becora
B-4



電極配置
ウェンナー
ファイル名
Becora_B-4.wd

凡例
● : 測定値
--- : 理論値

電極間隔

比抵抗	205	45.3	260
深度	2.06	21.5	

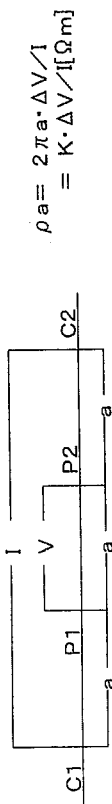
[Ωm]

[m]

垂直電気探査

(ウェンナー電極配置)

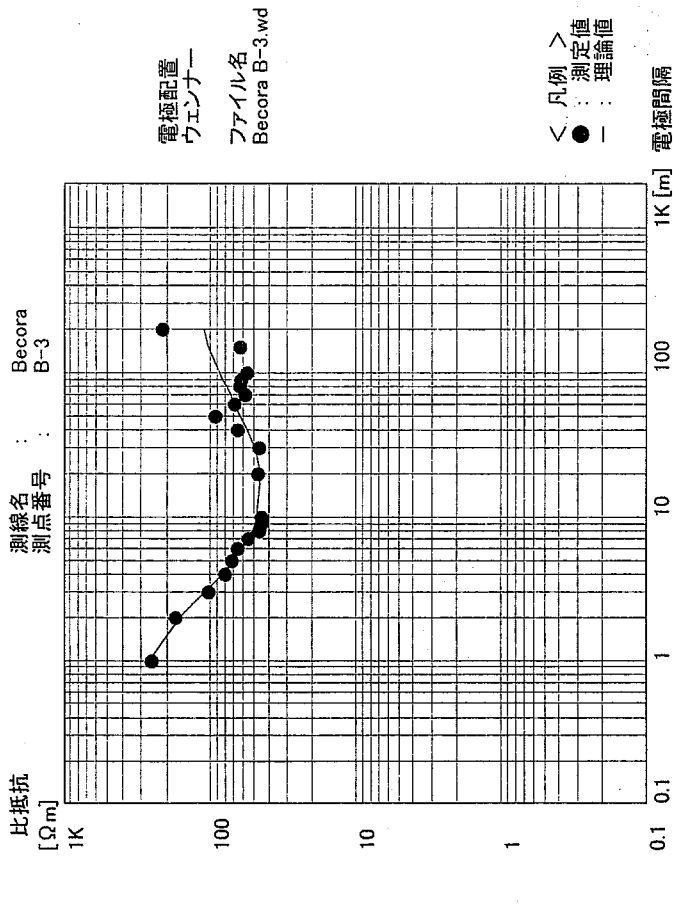
調査件名	Water Supply	測定年月日	200 年 10 月 18 日
測線名	Becora	測点番号	B-3
使用機器	McOHM	測定者氏名	T.Ohno



No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ω m]
1	1.000	0.500	1.500	201.0	4.990	40.28	6.283	253.1
2	2.000	1.000	3.000	69.40	4.990	13.91	12.57	174.8
3	3.000	1.500	4.500	27.10	4.990	5.431	18.85	102.4
4	4.000	2.000	6.000	15.70	4.990	3.146	25.13	79.07
5	5.000	2.500	7.500	11.30	4.990	2.265	31.42	71.14
6	6.000	3.000	9.000	8.710	4.990	1.745	37.70	65.80
7	7.000	3.500	10.50	12.60	9.990	1.261	43.98	55.47
8	8.000	4.000	12.00	9.250	9.990	0.926	50.27	46.54
9	9.000	4.500	13.50	38.80	49.90	0.778	56.55	43.97
10	10.00	5.000	15.00	34.80	49.90	0.697	62.83	43.82
11	20.00	10.00	30.00	18.85	49.90	0.378	125.7	47.47
12	30.00	15.00	45.00	12.10	49.90	0.242	188.5	45.71
13	40.00	20.00	60.00	13.00	49.90	0.261	251.3	65.48
14	50.00	25.00	75.00	14.60	49.90	0.293	314.2	91.92
15	60.00	30.00	90.00	9.080	49.90	0.182	377.0	68.60
16	70.00	35.00	105.0	6.520	49.90	0.131	439.8	57.47
17	80.00	40.00	120.0	6.270	49.90	0.126	502.7	63.16
18	90.00	45.00	135.0	10.89	99.80	0.109	565.5	61.70
19	100.0	50.00	150.0	8.910	99.80	0.089	628.3	56.10
20	150.0	75.00	225.0	6.570	99.80	0.066	942.5	62.05
21	200.0	100.0	300.0	16.80	99.80	0.168	1257	211.5
22								
23								
24								
25								

記事

PCI

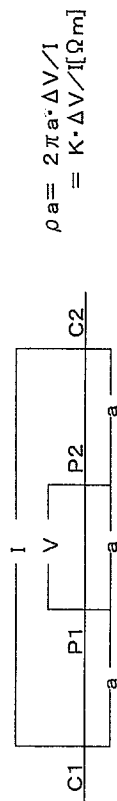


比抵抗	310	77.3	40.2	137	[Ωm]
深度	1.14	3.74	32.9		[m]

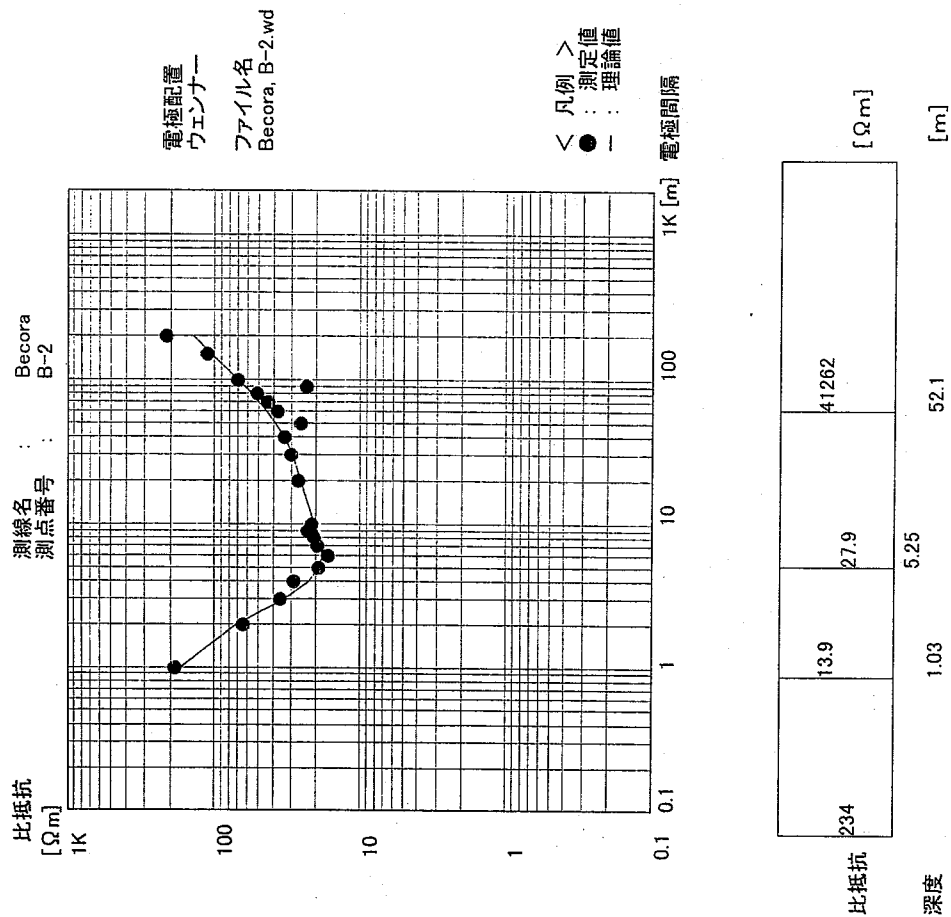
垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 10 月 18 日
測線名	Becora	測点番号	B-2
使用機器	McOHM	測定者氏名	T.Ohno



No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ωm]
1	1.000	0.500	1.500	295.0	9.990	29.53	6.283	185.5
2	2.000	1.000	3.000	50.50	9.990	5.055	12.57	63.52
3	3.000	1.500	4.500	18.90	9.990	1.892	18.85	35.66
4	4.000	2.000	6.000	11.30	9.990	1.131	25.13	28.43
5	5.000	2.500	7.500	12.30	19.90	0.618	31.42	19.42
6	6.000	3.000	9.000	22.00	49.90	0.441	37.70	16.62
7	7.000	3.500	10.50	22.30	49.90	0.447	43.98	19.66
8	8.000	4.000	12.00	20.60	49.90	0.413	50.27	20.75
9	9.000	4.500	13.50	20.20	49.90	0.405	56.55	22.89
10	10.00	5.000	15.00	17.18	49.90	0.344	62.83	21.63
11	20.00	10.00	30.00	10.64	49.90	0.213	125.7	28.79
12	30.00	15.00	45.00	16.00	99.90	0.160	188.5	30.19
13	40.00	20.00	60.00	13.20	99.90	0.132	251.3	33.21
14	50.00	25.00	75.00	8.120	99.90	0.081	314.2	25.54
15	60.00	30.00	90.00	19.50	199.0	0.098	377.0	36.94
16	70.00	35.00	105.0	19.50	199.0	0.098	439.8	43.10
17	80.00	40.00	120.0	20.30	199.0	0.102	502.7	51.28
18	90.00	45.00	135.0	8.360	199.0	0.042	565.5	23.76
19	100.0	50.00	150.0	22.30	199.0	0.112	628.3	70.41
20	150.0	75.00	225.0	23.90	199.0	0.120	942.5	113.2
21	200.0	100.0	300.0	33.80	199.0	0.170	1257	213.4
22								
23								
24								
25								



比抵抗	234	13.9	27.9	41262
深度	1.03	5.25	52.1	

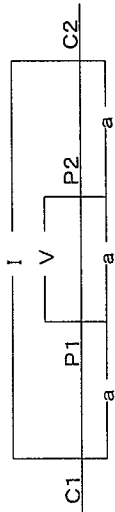
記事

PCI

垂直電気探査

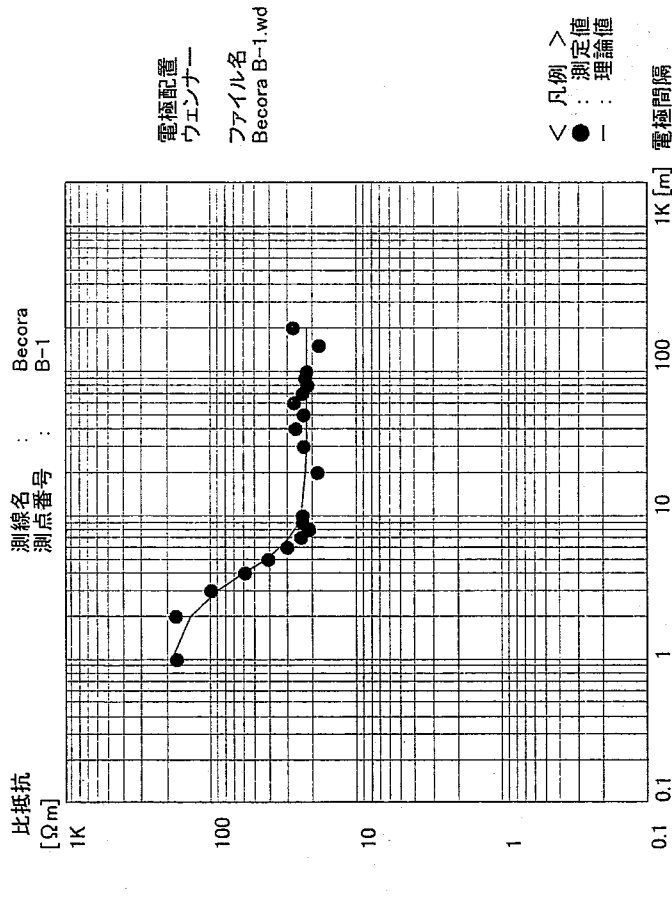
(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 10 月 23 日
測線名	Becora	測点番号	B-1
使用機器	McOHM	測定者氏名	T.Ohno



$$\rho_a = \frac{2\pi a \cdot \Delta V / I}{K} = K \cdot \Delta V / I [\Omega m]$$

No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ωm]
1	1.000	0.500	1.500	270.0	9.990	27.03	6.283	169.8
2	2.000	1.000	3.000	137.0	9.990	13.71	12.57	172.3
3	3.000	1.500	4.500	52.70	9.990	5.275	18.85	99.44
4	4.000	2.000	6.000	23.40	9.990	2.342	25.13	58.87
5	5.000	2.500	7.500	13.00	9.990	1.301	31.42	40.88
6	6.000	3.000	9.000	7.830	9.990	0.784	37.70	29.55
7	7.000	3.500	10.50	27.30	49.90	0.547	43.98	24.06
8	8.000	4.000	12.00	21.00	49.99	0.420	50.27	21.12
9	9.000	4.500	13.50	20.60	49.99	0.412	56.55	23.30
10	10.00	5.000	15.00	18.50	49.90	0.371	62.83	23.29
11	20.00	10.00	30.00	14.70	99.90	0.147	125.7	18.49
12	30.00	15.00	45.00	12.30	99.80	0.123	188.5	23.23
13	40.00	20.00	60.00	10.40	99.80	0.104	251.3	26.19
14	50.00	25.00	75.00	7.310	99.80	0.073	314.2	23.01
15	60.00	30.00	90.00	7.100	99.80	0.071	377.0	26.82
16	70.00	35.00	105.0	5.340	99.80	0.054	439.8	23.53
17	80.00	40.00	120.0	4.290	99.80	0.043	502.7	21.61
18	90.00	45.00	135.0	3.940	99.80	0.039	565.5	22.32
19	100.0	50.00	150.0	3.520	99.80	0.035	628.3	22.16
20	150.0	75.00	225.0	1.940	99.80	0.019	942.5	18.32
21	200.0	100.0	300.0	2.180	99.80	0.022	1257	27.45
22								
23								
24								
25								



記事

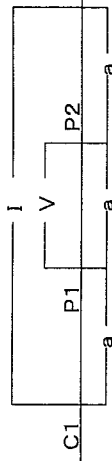
PCI

垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 10 月 17 日
測線名	Well No. Kuluhun B	測点番号	1
使用機器	McOHM	測定者氏名	T.Ohno

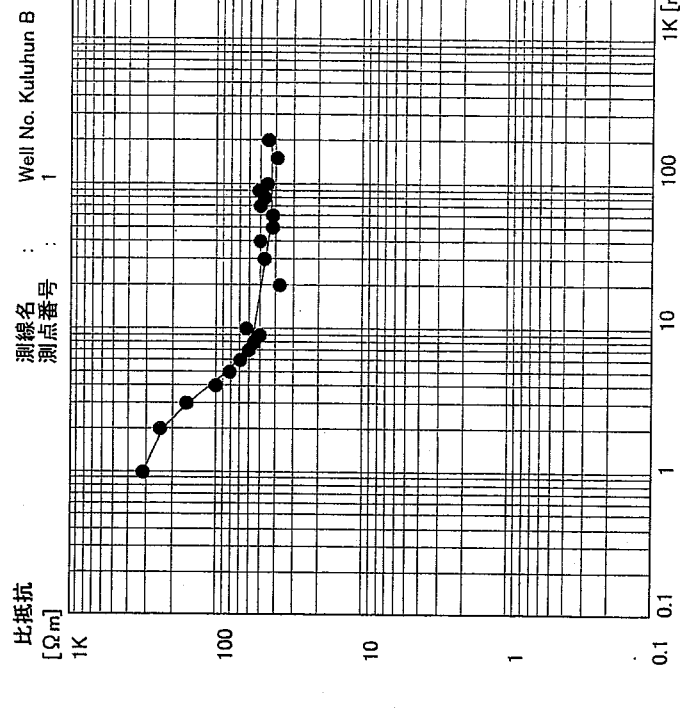
$$\rho a = \frac{2\pi a \cdot \Delta V}{I} = K \cdot \Delta V / I [\Omega m]$$



No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρa [Ω m]
1	1,000	0,500	1,500	493.0	9,990	49.35	6,283	310.1
2	2,000	1,000	3,000	191.0	9,990	19.12	12.57	240.3
3	3,000	1,500	4,500	84.00	9,990	8.408	18.85	158.5
4	4,000	2,000	6,000	40.20	9,990	4.024	25.13	101.1
5	5,000	2,500	7,500	25.80	9,990	2.583	31.42	81.13
6	6,000	3,000	9,000	18.20	9,990	1.822	37.70	68.68
7	7,000	3,500	10,500	13.60	9,990	1.361	43.98	59.88
8	8,000	4,000	12,000	10.80	9,990	1.081	50.27	54.34
9	9,000	4,500	13,500	8.870	9,990	0.888	56.55	50.21
10	10,000	5,000	15,000	9.990	9,990	1.000	62.83	62.83
11	20,000	10,000	30,000	14.90	49.90	0.299	125.7	37.52
12	30,000	15,000	45,000	12.40	49.90	0.248	188.5	46.84
13	40,000	20,000	60,000	9.890	49.90	0.198	251.3	49.81
14	50,000	25,000	75,000	13.20	99.90	0.132	314.2	41.51
15	60,000	30,000	90,000	11.00	99.90	0.110	377.0	41.51
16	70,000	35,000	105,000	11.40	99.90	0.114	439.8	50.19
17	80,000	40,000	120,000	9.470	99.90	0.095	502.7	47.65
18	90,000	45,000	135,000	18.00	198.0	0.091	565.5	51.41
19	100,000	50,000	150,000	14.30	198.0	0.072	628.3	45.38
20	150,000	75,000	225,000	8.120	198.0	0.041	942.5	38.65
21	200,000	100,000	300,000	6.930	198.0	0.035	1257	43.98
22								
23								
24								
25								

記事

PCI

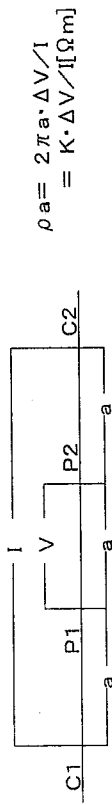


比抵抗	341	53.6	41.9	13.0
電極間隔				
深度		1.69		

垂直電気探査

(ウェンナー-電極配置)

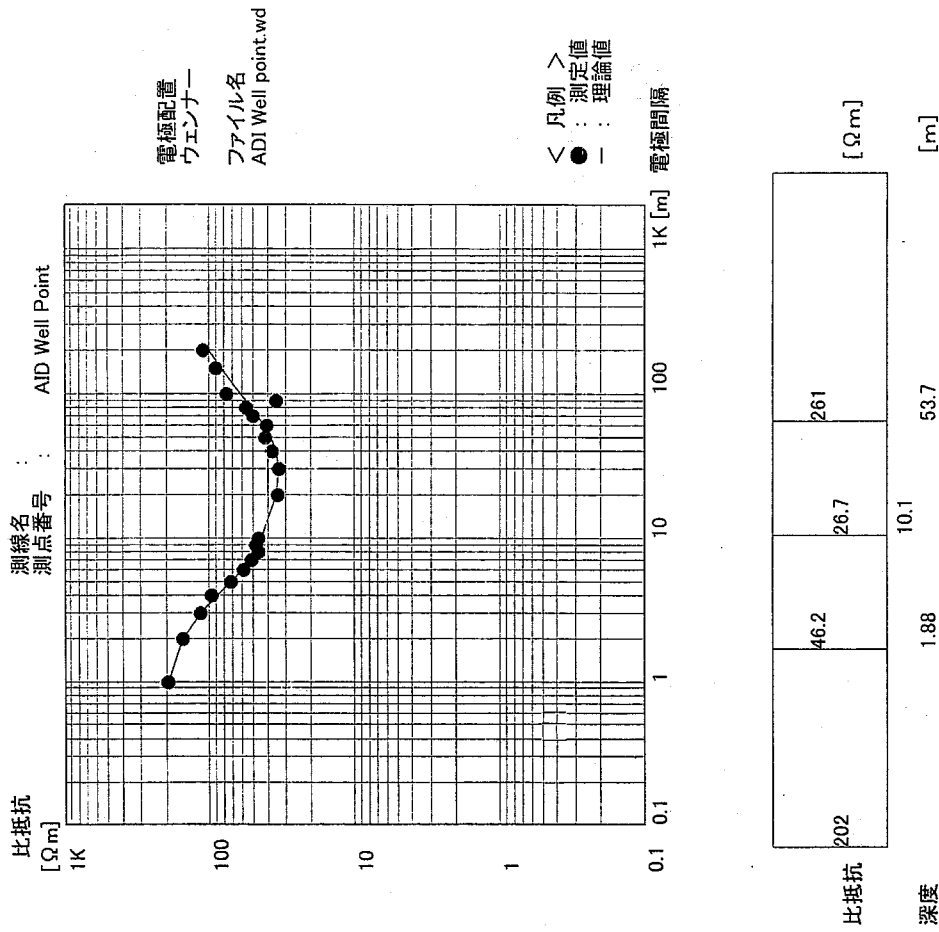
調査件名	Water Supply	測定年月日	200 年 10 月 20 日
測線名		測点番号	AID Well Point
使用機器	McOHM	測定者氏名	T.Ohno



No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ω m]
1	1.000	0.500	1.500	305.0	9.990	30.53	6.283	191.8
2	2.000	1.000	3.000	121.0	9.990	12.11	12.57	152.2
3	3.000	1.500	4.500	61.50	9.990	6.156	18.85	116.0
4	4.000	2.000	6.000	38.50	9.990	3.854	25.13	96.86
5	5.000	2.500	7.500	22.80	9.990	2.282	31.42	71.70
6	6.000	3.000	9.000	15.40	9.990	1.542	37.70	58.11
7	7.000	3.500	10.50	11.80	9.990	1.181	43.98	51.95
8	8.000	4.000	12.00	9.250	9.990	0.926	50.27	46.54
9	9.000	4.500	13.50	42.20	49.90	0.846	56.55	47.82
10	10.00	5.000	15.00	12.60	17.30	0.728	62.83	45.76
11	20.00	10.00	30.00	13.60	49.90	0.273	125.7	34.25
12	30.00	15.00	45.00	8.810	49.90	0.177	188.5	33.28
13	40.00	20.00	60.00	14.70	99.90	0.147	251.3	36.98
14	50.00	25.00	75.00	13.20	99.90	0.132	314.2	41.51
15	60.00	30.00	90.00	10.80	99.80	0.108	377.0	40.80
16	70.00	35.00	105.0	22.60	199.0	0.114	439.8	49.95
17	80.00	40.00	120.0	5.230	46.70	0.112	502.7	56.29
18	90.00	45.00	135.0	1.190	19.20	0.062	565.5	35.05
19	100.0	50.00	150.0	2.420	19.90	0.122	628.3	76.41
20	150.0	75.00	225.0	4.830	49.90	0.097	942.5	91.23
21	200.0	100.0	300.0	4.390	49.90	0.088	1257	110.6
22								
23								
24								
25								

記事

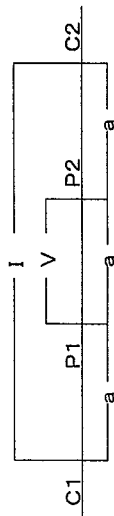
PCI



垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 10 月 26 日
測線名	Hera-B	測点番号	H-16
使用機器	McOHM	測定者氏名	T. Ohno



$$\rho_a = 2\pi a \cdot \Delta V / I$$

$$= K \cdot \Delta V / I [\Omega m]$$

No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ωm]
1	1.000	0.500	1.500	458.0	4.990	91.78	6.283	576.7
2	2.000	1.000	3.000	121.0	4.990	24.25	12.57	304.7
3	3.000	1.500	4.500	72.60	4.990	14.55	18.85	274.2
4	4.000	2.000	6.000	31.60	4.990	6.333	25.13	159.2
5	5.000	2.500	7.500	16.40	4.990	3.287	31.42	103.3
6	6.000	3.000	9.000	10.70	4.990	2.144	37.70	80.84
7	7.000	3.500	10.50	8.130	4.990	1.629	43.98	71.66
8	8.000	4.000	12.00	6.940	4.990	1.391	50.27	69.91
9	9.000	4.500	13.50	6.010	4.990	1.204	56.55	68.11
10	10.00	5.000	15.00	5.450	4.990	1.092	62.83	68.62
11	20.00	10.00	30.00	5.230	9.990	0.524	125.7	65.79
12	30.00	15.00	45.00	4.450	9.990	0.445	188.5	83.96
13	40.00	20.00	60.00	4.960	9.990	0.496	251.3	124.8
14	50.00	25.00	75.00	2.410	9.990	0.241	314.2	75.79
15	60.00	30.00	90.00	1.920	9.990	0.192	377.0	72.45
16	70.00	35.00	105.0	1.630	9.990	0.163	439.8	71.76
17	80.00	40.00	120.0	2.580	19.90	0.130	502.7	65.17
18	90.00	45.00	135.0	2.290	19.90	0.115	565.5	65.07
19	100.0	50.00	150.0	1.910	19.90	0.096	628.3	60.31
20								
21								
22								
23								
24								
25								

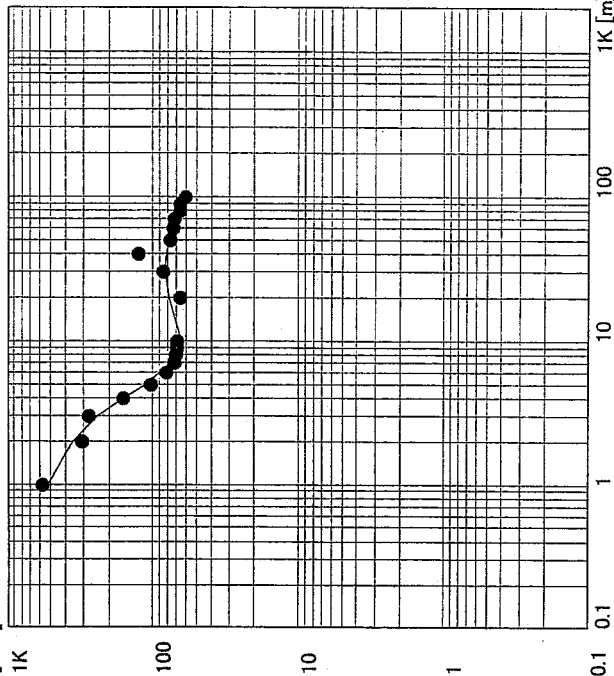
記事

PCI

比抵抗
[Ω m]

測線名
測点番号

Hera-B
H-16



電極配置
ウェンナー
ファイル名
H-16, Hera B-line.wd

< 凡例 >
● : 測定値
— : 理論値

電極間隔

比抵抗	615	329	43.9	142	45.6
深度		0.92	2.48	10.2	29.3

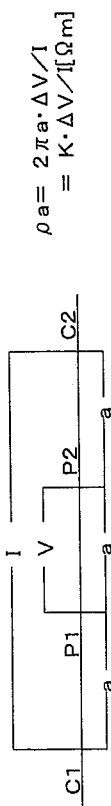
[Ω m]

[m]

垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 10 月 26 日
測線名	Hera-B	測点番号	H-15
使用機器	McOHM	測定者氏名	T.Ohno

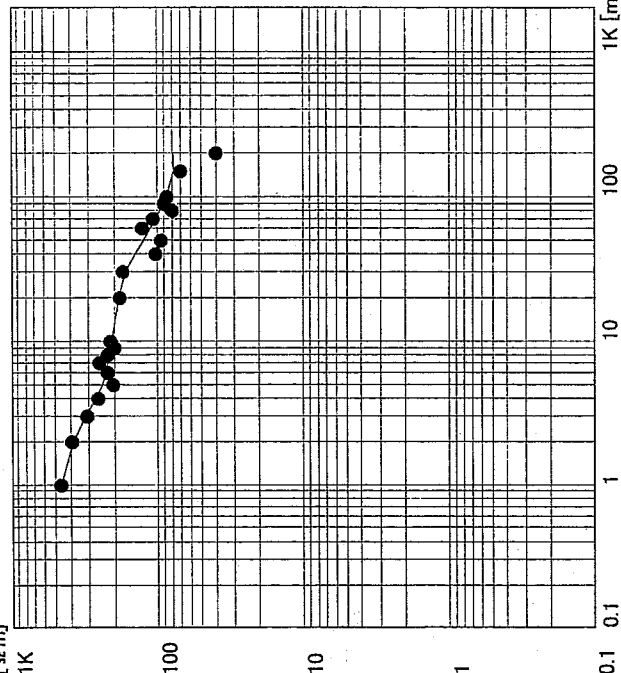


No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρa [Ωm]
1	1,000	0.500	1.500	366.0	4.990	73.35	6.283	460.9
2	2,000	1,000	3,000	153.0	4.990	30.66	12.57	385.3
3	3,000	1,500	4,500	81.40	4.990	16.31	18.85	307.5
4	4,000	2,000	6,000	51.30	4.990	10.28	25.13	258.4
5	5,000	2,500	7,500	32.22	4.990	6.457	31.42	202.8
6	6,000	3,000	9,000	29.50	4.990	5.912	37.70	222.9
7	7,000	3,500	10,500	28.52	4.990	5.715	43.98	251.4
8	8,000	4,000	12,000	21.80	4.990	4.369	50.27	219.6
9	9,000	4,500	13,500	34.99	9.990	3.503	56.55	198.1
10	10,000	5,000	15,000	33.40	9.990	3.343	62.83	210.1
11	20,000	10,000	30,000	14.50	9.990	1.451	125.7	182.4
12	30,000	15,000	45,000	9.250	9.990	0.926	188.5	174.5
13	40,000	20,000	60,000	20.68	49.90	0.414	251.3	104.2
14	50,000	25,000	75,000	14.90	49.90	0.299	314.2	93.81
15	60,000	30,000	90,000	15.90	46.90	0.339	377.0	127.8
16	70,000	35,000	105,000	12.30	49.90	0.246	439.8	108.4
17	80,000	40,000	120,000	3.160	19.90	0.159	502.7	79.82
18	90,000	45,000	135,000	3.180	19.90	0.160	565.5	90.36
19	100,000	50,000	150,000	2.730	19.90	0.137	628.3	86.20
20	150,000	75,000	225,000	1.460	19.90	0.073	942.5	69.15
21	200,000	100,000	300,000	0.630	19.80	0.032	1257	39.98
22								
23								
24								
25								

記事

PCI

比抵抗
[Ωm]



< 凡例 >
● : 測定値
— : 理論値

電極配置
ウェンナー

ファイル名
H-15, Hera B-line.wd

電極間隔

比抵抗	490	201	73.2
深度	1.58	28.8	

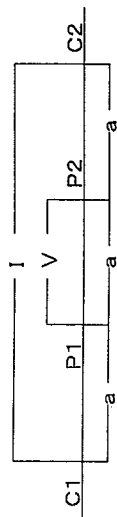
[Ωm]

[m]

垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 10 月 26 日
測線名	Hera-B	測点番号	H-14
使用機器	McOHM	測定者氏名	T.Ohno

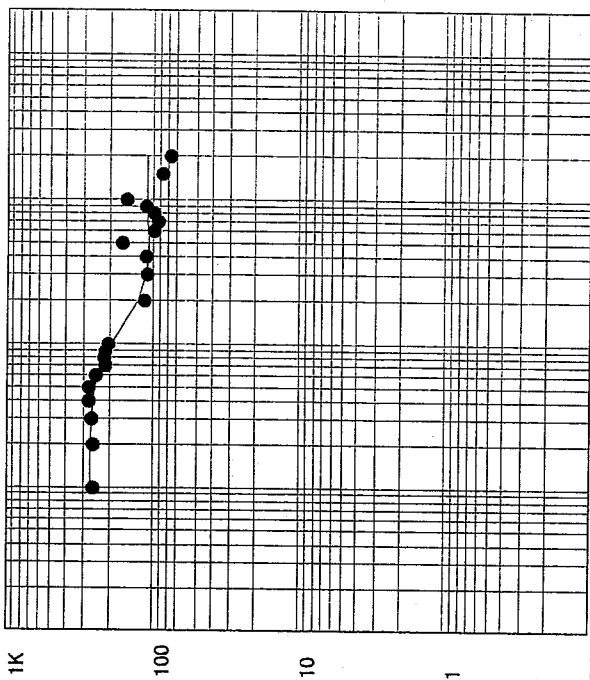


$$\rho_a = \frac{2\pi a \cdot \Delta V / I}{\Delta V / I} = K \cdot \Delta V / I [\Omega m]$$

No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ωm]
1	1.000	0.500	1.500	411.0	9.990	41.14	6.283	258.5
2	2.000	1.000	3.000	205.0	9.990	20.52	12.57	257.9
3	3.000	1.500	4.500	140.0	9.990	14.01	18.85	264.2
4	4.000	2.000	6.000	109.0	9.990	10.91	25.13	274.2
5	5.000	2.500	7.500	87.70	9.990	8.779	31.42	275.8
6	6.000	3.000	9.000	65.00	9.990	6.507	37.70	245.3
7	7.000	3.500	10.50	47.50	9.990	4.755	43.98	209.1
8	8.000	4.000	12.00	42.80	9.990	4.284	50.27	215.4
9	9.000	4.500	13.50	37.30	9.990	3.734	56.55	211.1
10	10.00	5.000	15.00	32.40	9.990	3.243	62.83	203.8
11	20.00	10.00	30.00	9.150	9.980	0.916	125.7	115.1
12	30.00	15.00	45.00	5.780	9.980	0.579	188.5	109.2
13	40.00	20.00	60.00	8.860	19.90	0.445	251.3	111.9
14	50.00	25.00	75.00	10.40	19.90	0.523	314.2	164.2
15	60.00	30.00	90.00	5.250	19.90	0.264	377.0	99.46
16	70.00	35.00	105.0	10.60	49.90	0.212	439.8	93.43
17	80.00	40.00	120.0	9.850	49.90	0.197	502.7	99.22
18	90.00	45.00	135.0	9.870	49.90	0.198	565.5	111.9
19	100.0	50.00	150.0	12.10	49.90	0.242	628.3	152.4
20	150.0	75.00	225.0	4.620	49.90	0.093	942.5	87.26
21	200.0	100.0	300.0	3.020	49.90	0.061	1257	76.05
22								
23								
24								
25								

比抵抗
[Ωm]

測線名 : Hera-B
測点番号 : H-14



電極配置
ウェンナー
ファイル名
H-14, Hera B-line.wd

< 凡例 >
● : 測定値
— : 理論値

1K [m] 電極間隔

比抵抗	270	928	111	22.6
深度	7.11			

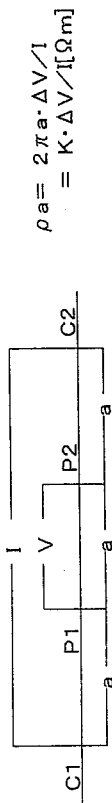
記事

PCI

垂直電気探査

(ウェンナー電極配置)

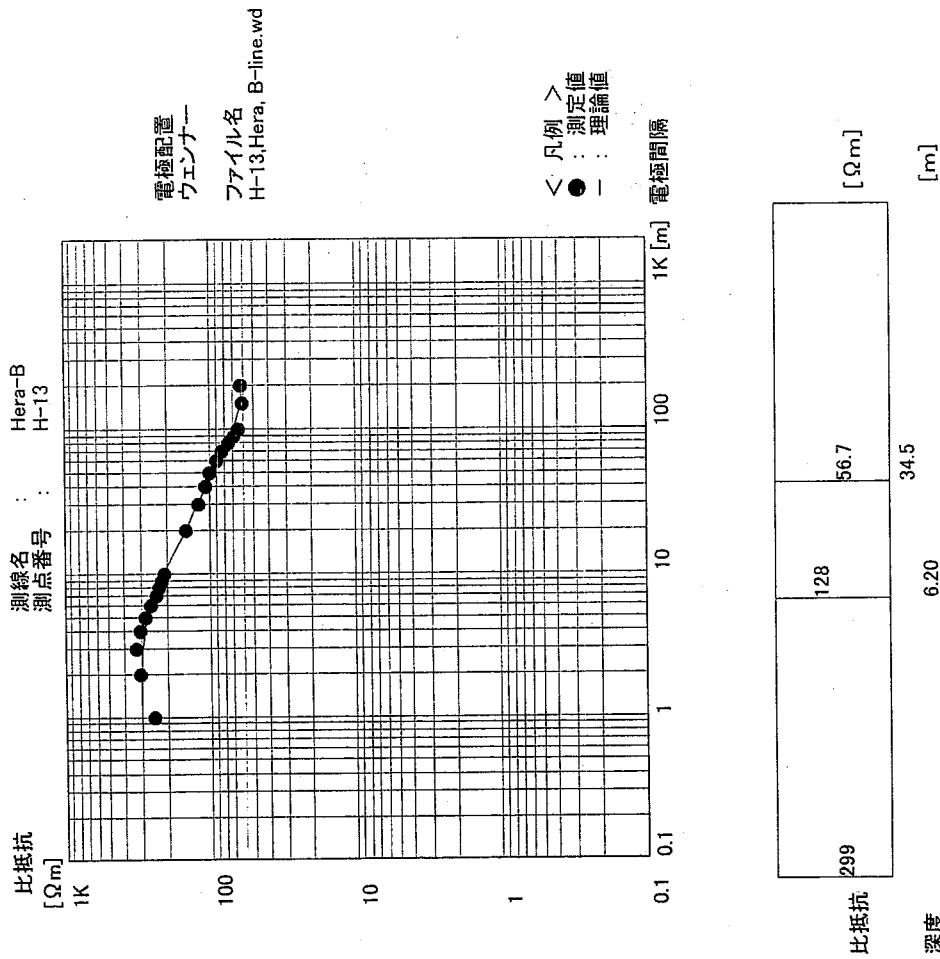
調査件名	Water Supply	測定年月日	200 年 10 月 24 日
測線名	Hera-B	測点番号	H-13
使用機器	McOHM	測定者氏名	T.Ohno



No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ωm]
1	1.000	0.500	1.500	395.0	9.990	39.54	6.283	248.4
2	2.000	1.000	3.000	244.0	9.990	24.42	12.57	306.9
3	3.000	1.500	4.500	172.0	9.990	17.22	18.85	324.5
4	4.000	2.000	6.000	121.0	9.990	12.11	25.13	304.4
5	5.000	2.500	7.500	89.00	9.990	8.909	31.42	279.9
6	6.000	3.000	9.000	68.70	9.990	6.877	37.70	259.3
7	7.000	3.500	10.50	53.70	9.990	5.375	43.98	236.4
8	8.000	4.000	12.00	45.20	9.990	4.525	50.27	227.4
9	9.000	4.500	13.50	38.40	9.990	3.844	56.55	217.4
10	10.00	5.000	15.00	33.10	9.990	3.313	62.83	208.2
11	20.00	10.00	30.00	11.60	9.990	1.161	125.7	145.9
12	30.00	15.00	45.00	6.340	9.990	0.635	188.5	119.6
13	40.00	20.00	60.00	21.40	49.90	0.429	251.3	107.8
14	50.00	25.00	75.00	15.90	49.90	0.319	314.2	100.1
15	60.00	30.00	90.00	11.90	49.90	0.238	377.0	89.90
16	70.00	35.00	105.0	9.370	49.90	0.188	439.8	82.59
17	80.00	40.00	120.0	7.420	49.90	0.149	502.7	74.74
18	90.00	45.00	135.0	12.10	99.80	0.121	565.5	68.56
19	100.0	50.00	150.0	10.20	99.80	0.102	628.3	64.22
20	150.0	75.00	225.0	6.370	99.80	0.064	942.5	60.16
21	200.0	100.0	300.0	4.910	99.80	0.049	1257	61.82
22								
23								
24								
25								

記事

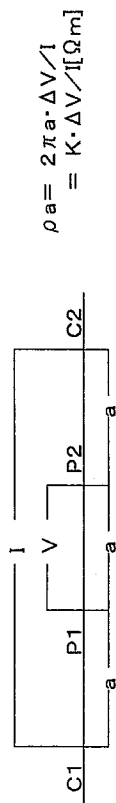
PCI



垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 10 月 24 日
測線名	Hera-A	測点番号	H-12
使用機器	McOHM	測定者氏名	T. Ohno



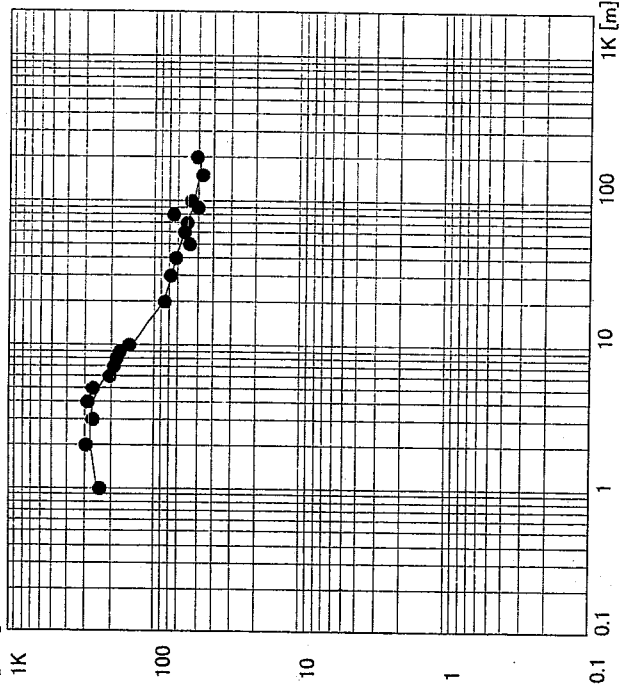
No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ωm]
1	1.000	0.500	1.500	371.0	9.990	37.14	6.283	233.3
2	2.000	1.000	3.000	234.0	9.990	23.42	12.57	294.3
3	3.000	1.500	4.500	140.0	9.990	14.01	18.85	264.2
4	4.000	2.000	6.000	113.0	9.990	11.31	25.13	284.3
5	5.000	2.500	7.500	83.00	9.990	8.308	31.42	261.0
6	6.000	3.000	9.000	53.10	9.990	5.315	37.70	200.4
7	7.000	3.500	10.50	43.00	9.990	4.304	43.98	189.3
8	8.000	4.000	12.00	35.70	9.990	3.574	50.27	179.6
9	9.000	4.500	13.50	30.40	9.990	3.043	56.55	172.1
10	10.00	5.000	15.00	23.60	9.980	2.365	62.83	148.6
11	20.00	10.00	30.00	6.790	9.980	0.680	125.7	85.50
12	30.00	15.00	45.00	8.210	19.90	0.413	188.5	77.77
13	40.00	20.00	60.00	5.610	19.90	0.282	251.3	70.85
14	50.00	25.00	75.00	9.120	49.90	0.183	314.2	57.42
15	60.00	30.00	90.00	8.200	49.90	0.164	377.0	61.95
16	70.00	35.00	105.0	6.850	49.90	0.137	439.8	60.38
17	80.00	40.00	120.0	7.430	49.90	0.149	502.7	74.84
18	90.00	45.00	135.0	4.440	49.90	0.089	565.5	50.32
19	100.0	50.00	150.0	4.440	49.90	0.089	628.3	55.91
20	150.0	75.00	225.0	4.960	99.70	0.050	942.5	46.89
21	200.0	100.0	300.0	4.070	99.70	0.041	1257	51.30
22								
23								
24								
25								

記事

PCI

比抵抗
[Ωm]

測線名 : Hera-A
測点番号 : H-12



< 凡例 >
● : 測定値
— : 理論値

電極間隔

比抵抗	203	328	77.0	45.8
深度	0.61	4.39	39.5	

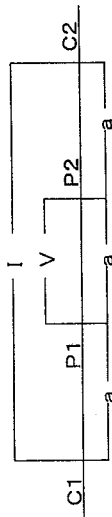
[Ωm]

[m]

垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 10 月 25 日
測線名	Hera-B	測点番号	H-11
使用機器	McOHM	測定者氏名	T.Ohno



$$\rho_a = \frac{2\pi a \cdot \Delta V / I}{K \cdot \Delta V / I [\Omega m]}$$

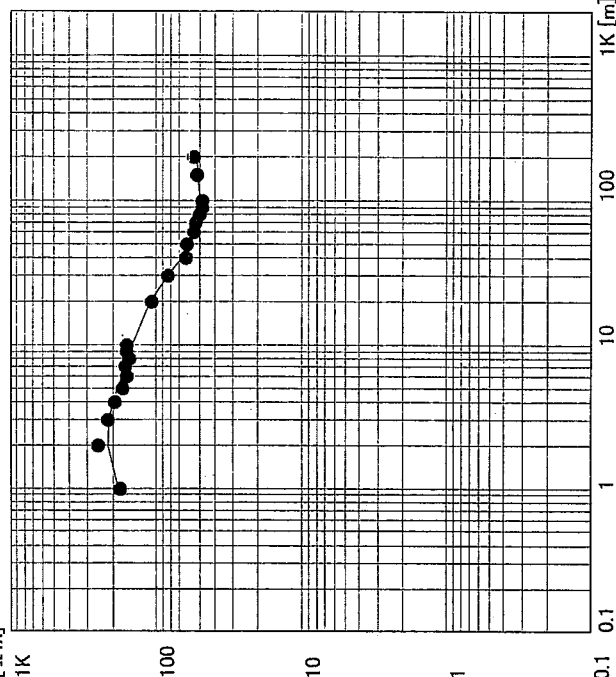
No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ωm]
1	1.000	0.500	1.500	281.0	9.990	28.13	6.283	176.7
2	2.000	1.000	3.000	198.0	9.980	19.84	12.57	249.3
3	3.000	1.500	4.500	114.0	9.980	11.42	18.85	215.3
4	4.000	2.000	6.000	77.70	9.980	7.786	25.13	195.7
5	5.000	2.500	7.500	53.80	9.980	5.391	31.42	169.4
6	6.000	3.000	9.000	42.20	9.980	4.228	37.70	159.4
7	7.000	3.500	10.50	37.30	9.980	3.737	43.98	164.4
8	8.000	4.000	12.00	30.20	9.980	3.026	50.27	152.1
9	9.000	4.500	13.50	28.10	9.980	2.816	56.55	159.2
10	10.00	5.000	15.00	25.30	9.980	2.535	62.83	159.3
11	20.00	10.00	30.00	8.500	9.980	0.852	125.7	107.0
12	30.00	15.00	45.00	8.820	19.90	0.443	188.5	83.54
13	40.00	20.00	60.00	5.000	19.90	0.251	251.3	63.15
14	50.00	25.00	75.00	3.880	19.90	0.195	314.2	61.25
15	60.00	30.00	90.00	7.290	49.90	0.146	377.0	55.08
16	70.00	35.00	105.0	6.040	49.90	0.121	439.8	53.24
17	80.00	40.00	120.0	5.040	49.90	0.101	502.7	50.77
18	90.00	45.00	135.0	4.280	49.90	0.086	565.5	48.50
19	100.0	50.00	150.0	3.810	49.80	0.077	628.3	48.07
20	150.0	75.00	225.0	5.540	99.80	0.056	942.5	52.32
21	200.0	100.0	300.0	4.330	99.70	0.043	1257	54.58
22								
23								
24								
25								

記事

PCI

比抵抗
[Ωm]

測線名 : Hera-B
測点番号 : H-11



電極配置
ウェンナー
ファイナル名
H-11, Hera, B-line.wd

< 凡例 >
● : 測定値
— : 理論値

電極間隔

比抵抗	106	450	143	37.7	53.8	
深度	0.50	1.37	17.8	44.5		

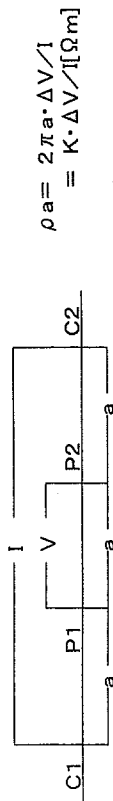
[Ωm]

[m]

垂直電気探査

(ウエナナー電極配置)

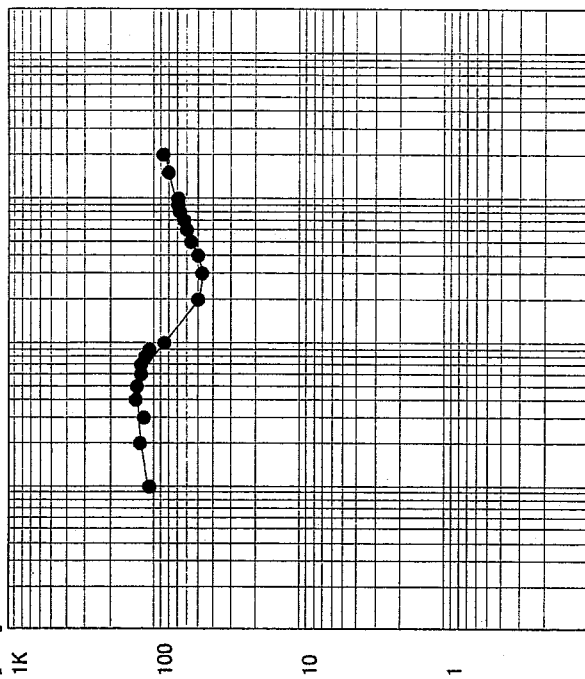
調査件名	Water Supply	測定年月日	200 年 10 月 25 日
測線名	Hera-B	測点番号	H-10
使用機器	McOHM	測定者氏名	T.Ohno



No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ωm]
1	1.000	0.500	1.500	172.0	9.990	17.22	6.283	108.2
2	2.000	1.000	3.000	100.0	9.990	10.01	12.57	125.8
3	3.000	1.500	4.500	61.70	9.990	6.176	18.85	116.4
4	4.000	2.000	6.000	53.70	9.990	5.375	25.13	135.1
5	5.000	2.500	7.500	42.00	9.990	4.204	31.42	132.1
6	6.000	3.000	9.000	32.20	9.990	3.223	37.70	121.5
7	7.000	3.500	10.50	27.70	9.990	2.773	43.98	122.0
8	8.000	4.000	12.00	22.56	9.900	2.279	50.27	114.5
9	9.000	4.500	13.50	18.84	9.990	1.886	56.55	106.6
10	10.00	5.000	15.00	13.60	9.990	1.361	62.83	85.54
11	20.00	10.00	30.00	4.000	9.990	0.400	125.7	50.32
12	30.00	15.00	45.00	12.50	49.90	0.251	188.5	47.22
13	40.00	20.00	60.00	9.910	49.90	0.199	251.3	49.91
14	50.00	25.00	75.00	8.860	49.90	0.178	314.2	55.78
15	60.00	30.00	90.00	7.940	49.90	0.159	377.0	59.99
16	70.00	35.00	105.0	7.170	49.90	0.144	439.8	63.20
17	80.00	40.00	120.0	6.610	49.90	0.132	502.7	66.58
18	90.00	45.00	135.0	6.050	49.90	0.121	565.5	68.56
19	100.0	50.00	150.0	5.450	49.90	0.109	628.3	68.62
20	150.0	75.00	225.0	4.170	49.80	0.084	942.5	78.92
21	200.0	100.0	300.0	3.450	49.80	0.069	1257	87.06
22								
23								
24								
25								

比抵抗
[Ωm]

測線名 : Hera-B
測点番号 : H-10



電極配置
ウエナナー
ファイル名
Hera_line-B, H-10.wd

< 凡例 >
● : 測定値
- : 理論値

電極間隔

102	153	30.3	92.7
-----	-----	------	------

比抵抗

1.01

深度

25.6

[m]

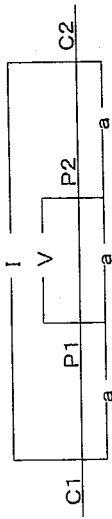
記事

PCI

垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 10 月 16 日
測線名	Hera-A	測点番号	H-9
使用機器	McOHM	測定者氏名	T.Ohno



$$\rho_a = \frac{2\pi a \cdot \Delta V}{I}$$

$$= K \cdot \Delta V / I [\Omega m]$$

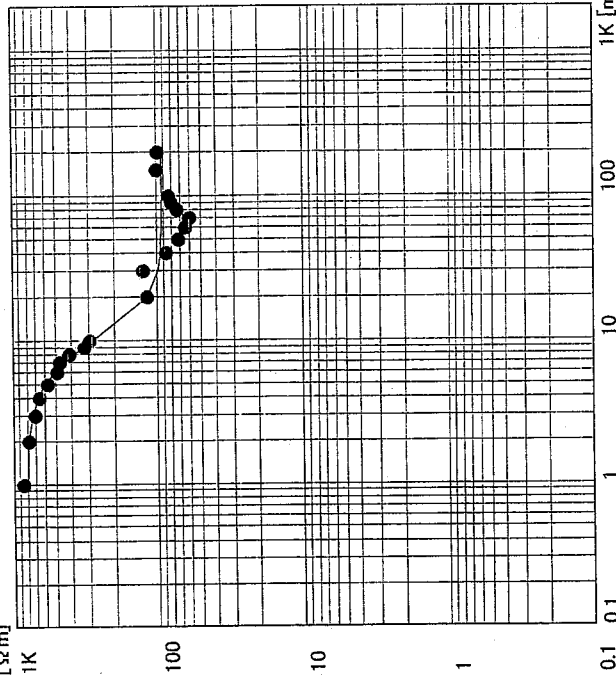
No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ωm]
1	1.000	0.500	1.500	1348	9.990	134.9	6.283	847.8
2	2.000	1.000	3.000	613.0	9.990	61.36	12.57	771.1
3	3.000	1.500	4.500	371.0	9.990	37.14	18.85	700.0
4	4.000	2.000	6.000	260.0	9.990	26.03	25.13	654.1
5	5.000	2.500	7.500	184.0	9.990	18.42	31.42	578.6
6	6.000	3.000	9.000	132.0	9.990	13.21	37.70	498.1
7	7.000	3.500	10.50	107.0	9.990	10.71	43.98	471.1
8	8.000	4.000	12.00	80.80	9.990	8.088	50.27	406.6
9	9.000	4.500	13.50	56.00	9.990	5.606	56.55	317.0
10	10.00	5.000	15.00	46.40	9.990	4.645	62.83	291.8
11	20.00	10.00	30.00	9.250	9.990	0.926	125.7	116.4
12	30.00	15.00	45.00	6.670	9.980	0.668	188.5	126.0
13	40.00	20.00	60.00	17.10	49.90	0.343	251.3	86.13
14	50.00	25.00	75.00	11.40	49.90	0.228	314.2	71.77
15	60.00	30.00	90.00	8.500	49.90	0.170	377.0	64.22
16	70.00	35.00	105.0	27.25	199.0	0.137	439.8	60.23
17	80.00	40.00	120.0	28.90	199.0	0.145	502.7	73.00
18	90.00	45.00	135.0	28.10	199.0	0.141	565.5	79.85
19	100.0	50.00	150.0	26.50	199.0	0.133	628.3	83.67
20	150.0	75.00	225.0	21.30	199.0	0.107	942.5	100.9
21	200.0	100.0	300.0	15.70	199.0	0.079	1257	99.14
22								
23								
24								
25								

記事

PCI

比抵抗
[Ωm]

測線名 : Hera-A
測点番号 : H-9



< 凡例 >
● : 測定値
- : 理論値

電極間隔

比抵抗	92.3
803	

[Ωm]

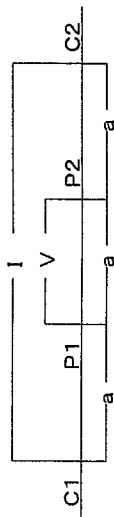
[m]

深度

垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 10 月 16 日
測線名	Hera-A	測点番号	H-8
使用機器	McOHM	測定者氏名	T.Ohno



$$\rho_a = \frac{2\pi a \cdot \Delta V}{I}$$

$$= K \cdot \Delta V / [I(\Omega m)]$$

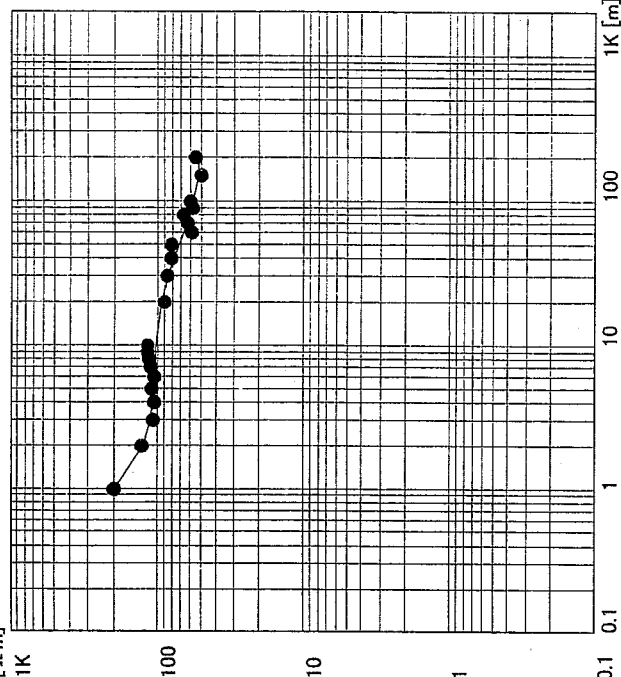
No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ω m]
1	1.000	0.500	1.500	315.0	10.00	31.50	6.283	197.9
2	2.000	1.000	3.000	101.0	9.990	10.11	12.57	127.0
3	3.000	1.500	4.500	57.10	9.990	5.716	18.85	107.7
4	4.000	2.000	6.000	41.90	9.990	4.194	25.13	105.4
5	5.000	2.500	7.500	34.90	9.990	3.493	31.42	109.8
6	6.000	3.000	9.000	27.90	9.990	2.793	37.70	105.3
7	7.000	3.500	10.50	25.70	9.990	2.573	43.98	113.1
8	8.000	4.000	12.00	22.90	9.990	2.292	50.27	115.2
9	9.000	4.500	13.50	20.70	9.990	2.072	56.55	117.2
10	10.00	5.000	15.00	18.70	9.990	1.872	62.83	117.6
11	20.00	10.00	30.00	7.240	9.990	0.725	125.7	91.07
12	30.00	15.00	45.00	9.190	19.90	0.462	188.5	87.05
13	40.00	20.00	60.00	16.10	49.90	0.323	251.3	81.09
14	50.00	25.00	75.00	13.04	49.90	0.261	314.2	82.10
15	60.00	30.00	90.00	15.60	99.80	0.156	377.0	58.93
16	70.00	35.00	105.0	14.20	99.80	0.142	439.8	62.58
17	80.00	40.00	120.0	13.40	99.80	0.134	502.7	67.49
18	90.00	45.00	135.0	10.10	99.80	0.101	565.5	57.23
19	100.0	50.00	150.0	9.480	99.80	0.095	628.3	59.68
20	150.0	75.00	225.0	10.50	198.0	0.053	942.5	49.98
21	200.0	100.0	300.0	8.710	198.0	0.044	1257	55.28
22								
23								
24								
25								

記事

PCI

比抵抗
[Ω m]

測線名 : Hera-A
測点番号 : H-8



電極配置
ウェンナー
ファイル名
Hera, H-8, A-line.wd

< 凡例 >
● : 測定値
— : 埋論値

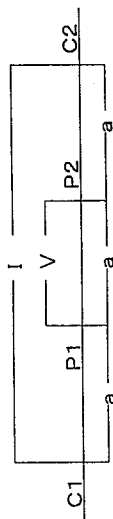
電極間隔

比抵抗	335	104	85.5	50.7	
深度		0.57	14.1	31.7	
					[m]
					[Ω m]

垂直電気探査

(ウェンナー電極配置)

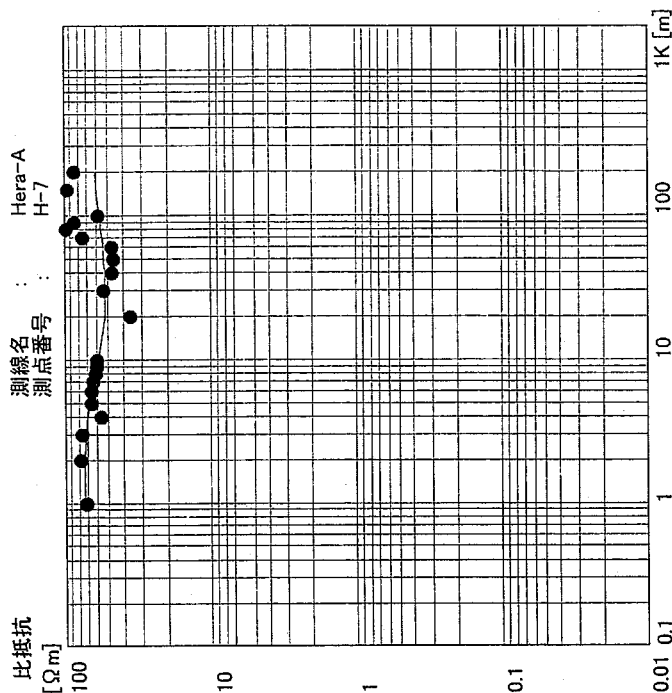
調査件名	Water Supply	測定年月日	200 年 10 月 13 日
測線名	Hera-A	測点番号	H-7
使用機器	McOHM	測定者氏名	T. Ohno



$$\rho_a = \frac{2\pi a \cdot \Delta V}{I}$$

$$= K \cdot \Delta V / [I \Omega m]$$

電極配置
ウェンナー
ファイル名
Hera H-7, Aline.wd



< 凡例 >
● : 測定値
— : 理論値

比抵抗 [Ωm]	73.4	50.1	83.3	46.0
深度 [m]	4.62			

No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ωm]
1	1.000	0.500	1.500	113.0	10.00	11.30	6.283	71.00
2	2.000	1.000	3.000	62.40	9.990	6.246	12.57	78.49
3	3.000	1.500	4.500	40.40	9.990	4.044	18.85	76.23
4	4.000	2.000	6.000	22.50	9.990	2.252	25.13	56.61
5	5.000	2.500	7.500	20.60	9.990	2.062	31.42	64.78
6	6.000	3.000	9.000	17.30	9.990	1.732	37.70	65.28
7	7.000	3.500	10.50	14.60	9.990	1.461	43.98	64.28
8	8.000	4.000	12.00	12.20	9.990	1.221	50.27	61.39
9	9.000	4.500	13.50	10.60	9.990	1.061	56.55	60.00
10	10.00	5.000	15.00	9.490	9.990	0.950	62.83	59.69
11	20.00	10.00	30.00	5.690	19.90	0.286	125.7	35.93
12	30.00	15.00	45.00	14.30	49.90	0.287	188.5	54.02
13	40.00	20.00	60.00	18.60	99.90	0.186	251.3	46.79
14	50.00	25.00	75.00	14.80	99.90	0.148	314.2	46.54
15	60.00	30.00	90.00	12.40	99.90	0.124	377.0	46.79
16	70.00	35.00	105.0	16.95	99.90	0.170	439.8	74.62
17	80.00	40.00	120.0	19.27	99.90	0.193	502.7	96.96
18	90.00	45.00	135.0	14.85	99.90	0.149	565.5	84.06
19	100.0	50.00	150.0	9.390	99.90	0.094	628.3	59.06
20	150.0	75.00	225.0	10.10	99.90	0.101	942.5	95.29
21	200.0	100.0	300.0	6.790	99.90	0.068	1257	85.41
22								
23								
24								
25								

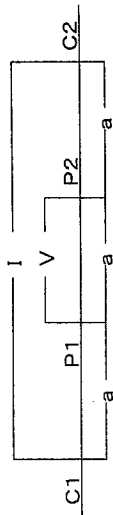
記事

PCI

垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 10 月 13 日
測線名	Hera-A	測点番号	H-6
使用機器	McOHM	測定者氏名	T.Ohno



$$\rho_a = \frac{2\pi a \cdot \Delta V}{I}$$

$$= K \cdot \Delta V / I [\Omega m]$$

No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ω m]
1	1.000	0.500	1.500	57.50	9.990	5.756	6.283	36.16
2	2.000	1.000	3.000	23.40	8.140	2.875	12.57	36.12
3	3.000	1.500	4.500	20.30	9.990	2.032	18.85	38.30
4	4.000	2.000	6.000	20.50	9.990	2.052	25.13	51.57
5	5.000	2.500	7.500	13.00	9.990	1.301	31.42	40.88
6	6.000	3.000	9.000	11.60	9.990	1.161	37.70	43.77
7	7.000	3.500	10.50	9.980	9.990	0.999	43.98	43.94
8	8.000	4.000	12.00	17.30	19.90	0.869	50.27	43.70
9	9.000	4.500	13.50	18.20	19.90	0.915	56.55	51.72
10	10.00	5.000	15.00	16.30	19.90	0.819	62.83	51.47
11	20.00	10.00	30.00	6.950	19.90	0.349	125.7	43.89
12	30.00	15.00	45.00	11.50	49.90	0.230	188.5	43.44
13	40.00	20.00	60.00	9.150	49.90	0.183	251.3	46.09
14	50.00	25.00	75.00	7.250	49.90	0.145	314.2	45.64
15	60.00	30.00	90.00	12.90	99.80	0.129	377.0	48.73
16	70.00	35.00	105.0	11.20	99.80	0.112	439.8	49.36
17	80.00	40.00	120.0	9.960	99.80	0.100	502.7	50.16
18	90.00	45.00	135.0	8.900	99.80	0.089	565.5	50.43
19	100.0	50.00	150.0	16.40	199.0	0.082	628.3	51.78
20	150.0	75.00	225.0	12.40	199.0	0.062	942.5	58.73
21	200.0	100.0	300.0	9.800	199.0	0.049	1257	61.88
22								
23								
24								
25								

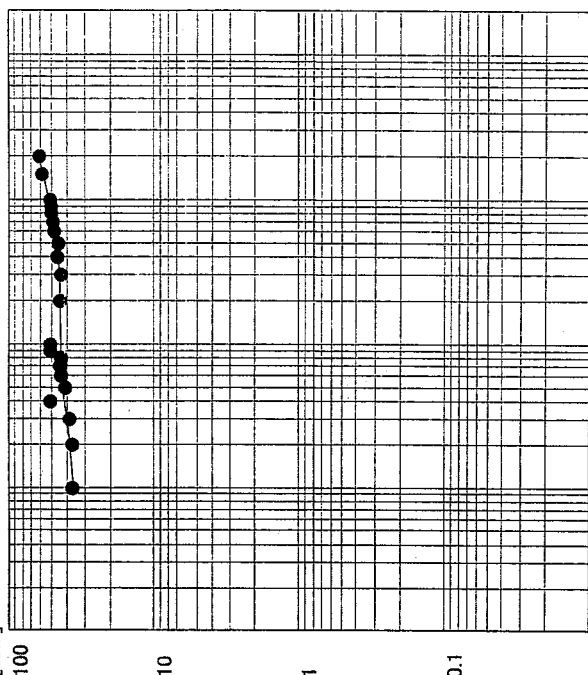
記事

PCI

比抵抗
[Ω m]

測線名
測点番号

Hera-A
H-6



< 凡例 >
● : 測定値
— : 理論値

電極間隔

比抵抗	35.1	44.3	76.6
[Ω m]			

深度

1.35

74.1

[m]

垂直電気探査

(ウェンナー-電極配置)

調査件名	Water Supply	測定年月日	200 年 10 月 13 日
測線名	Hera-A	測点番号	H-5
使用機器	McOHM	測定者氏名	T.Ohno



$$\rho_a = \frac{2\pi a \cdot \Delta V}{I}$$

$$= K \cdot \Delta V / I [\Omega m]$$

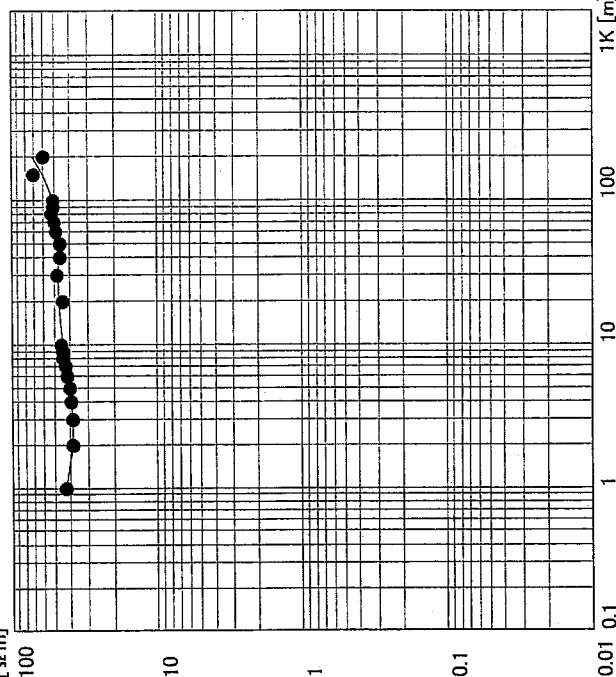
No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ωm]
1	1.000	0.500	1.500	67.40	10.00	6.740	6.283	42.35
2	2.000	1.000	3.000	30.00	10.00	3.000	12.57	37.70
3	3.000	1.500	4.500	20.00	10.00	2.000	18.85	37.70
4	4.000	2.000	6.000	15.50	9.990	1.552	25.13	38.99
5	5.000	2.500	7.500	12.50	9.990	1.251	31.42	39.31
6	6.000	3.000	9.000	10.90	9.990	1.091	37.70	41.13
7	7.000	3.500	10.50	9.670	9.990	0.968	43.98	42.57
8	8.000	4.000	12.00	8.870	9.990	0.888	50.27	44.63
9	9.000	4.500	13.50	15.70	19.90	0.789	56.55	44.61
10	10.00	5.000	15.00	14.40	19.90	0.724	62.83	45.47
11	20.00	10.00	30.00	17.50	49.90	0.351	125.7	44.07
12	30.00	15.00	45.00	12.90	49.90	0.259	188.5	48.73
13	40.00	20.00	60.00	9.080	49.90	0.182	251.3	45.73
14	50.00	25.00	75.00	14.80	99.90	0.148	314.2	46.54
15	60.00	30.00	90.00	13.00	99.90	0.130	377.0	49.06
16	70.00	35.00	105.0	11.40	99.90	0.114	439.8	50.19
17	80.00	40.00	120.0	10.40	99.90	0.104	502.7	52.33
18	90.00	45.00	135.0	18.30	199.0	0.092	565.5	52.00
19	100.0	50.00	150.0	16.30	199.0	0.082	628.3	51.47
20	150.0	75.00	225.0	14.80	199.0	0.074	942.5	70.09
21	200.0	100.0	300.0	9.550	199.0	0.048	1257	60.31
22								
23								
24								
25								

記事

PCI

測線名 : Hera-A
測点番号 : H-5

比抵抗
[Ωm]



電極配置
ウェンナー
ファイル名
Hera H-5 A-line.wd

< 凡例 >
● : 測定値
— : 理論値

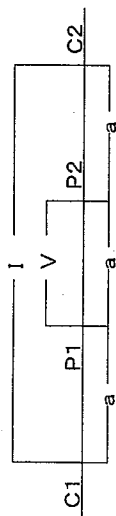
電極間隔

比抵抗	48.6	33.0	48.4	46.6	354	165
深度	0.67	2.83	22.1	165		

垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 10 月 12 日
測線名	Hera-A	測点番号	H-4
使用機器	McOHM	測定者氏名	T.Ohno



$$\rho_a = \frac{2\pi a \cdot \Delta V}{I}$$

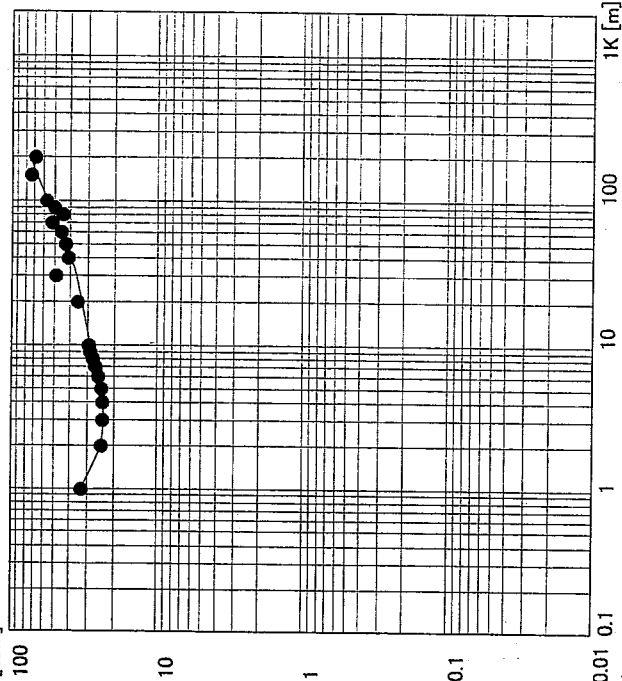
$$= K \cdot \Delta V / I [\Omega m]$$

No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ωm]
1	1.000	0.500	1.500	51.80	9.990	5.185	6.283	32.58
2	2.000	1.000	3.000	19.20	9.990	1.922	12.57	24.15
3	3.000	1.500	4.500	12.40	9.990	1.241	18.85	23.40
4	4.000	2.000	6.000	18.50	19.90	0.930	25.13	23.36
5	5.000	2.500	7.500	15.20	19.90	0.764	31.42	24.00
6	6.000	3.000	9.000	13.20	19.90	0.663	37.70	25.01
7	7.000	3.500	10.50	11.90	19.90	0.598	43.98	26.30
8	8.000	4.000	12.00	10.90	19.90	0.548	50.27	27.53
9	9.000	4.500	13.50	10.00	19.90	0.503	56.55	28.42
10	10.00	5.000	15.00	9.290	19.90	0.467	62.83	29.33
11	20.00	10.00	30.00	13.80	49.80	0.277	125.7	34.82
12	30.00	15.00	45.00	13.15	49.80	0.264	188.5	49.77
13	40.00	20.00	60.00	16.20	99.80	0.162	251.3	40.80
14	50.00	25.00	75.00	13.60	99.80	0.136	314.2	42.81
15	60.00	30.00	90.00	12.10	99.80	0.121	377.0	45.71
16	70.00	35.00	105.0	12.00	99.80	0.120	439.8	52.88
17	80.00	40.00	120.0	17.60	198.0	0.089	502.7	44.68
18	90.00	45.00	135.0	17.60	198.0	0.089	565.5	50.27
19	100.0	50.00	150.0	18.00	198.0	0.091	628.3	57.12
20	150.0	75.00	225.0	15.40	198.0	0.078	942.5	73.30
21	200.0	100.0	300.0	10.70	198.0	0.054	1257	67.91
22								
23								
24								
25								

記事

PCI

比抵抗
[Ωm]



< 凡例 >
● : 測定値
— : 理論値

電極間隔

比抵抗	54.0	21.2	34.5	97.1
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[Ωm]

深度

4.41

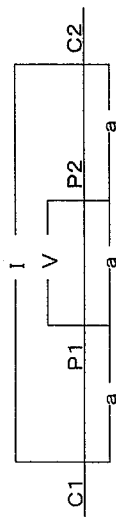
[m]

44.4

垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 10 月 12 日
測線名	Hera-A	測点番号	H-3
使用機器	McOHM	測定者氏名	T.Ohno



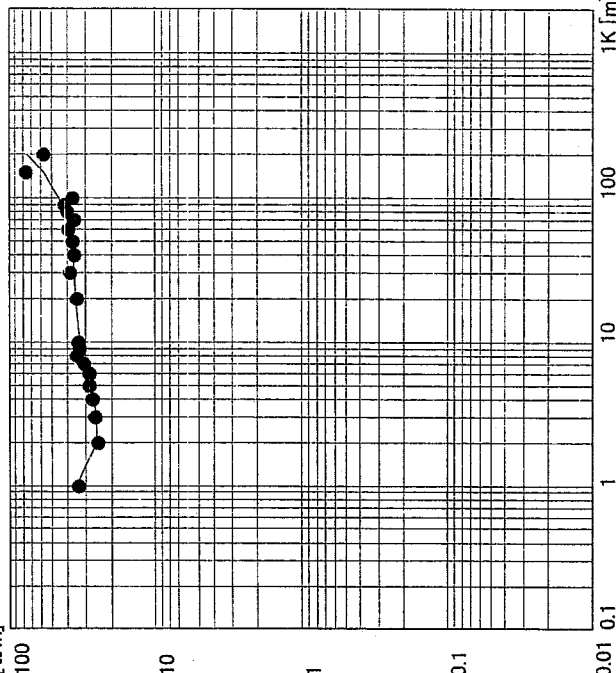
$$\rho_a = \frac{2\pi a \cdot \Delta V / I}{\Delta V / I} = K \cdot \Delta V / I [\Omega m]$$

No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ω m]
1	1.000	0.500	1.500	52.80	10.00	5.280	6.283	33.18
2	2.000	1.000	3.000	19.40	10.00	1.940	12.57	24.38
3	3.000	1.500	4.500	13.50	9.990	1.351	18.85	25.47
4	4.000	2.000	6.000	10.60	9.990	1.061	25.13	26.67
5	5.000	2.500	7.500	8.930	9.990	0.894	31.42	28.08
6	6.000	3.000	9.000	14.70	19.90	0.739	37.70	27.85
7	7.000	3.500	10.50	13.90	19.90	0.698	43.98	30.72
8	8.000	4.000	12.00	13.47	19.90	0.677	50.27	34.02
9	9.000	4.500	13.50	11.50	19.90	0.578	56.55	32.68
10	10.00	5.000	15.00	10.60	19.90	0.533	62.83	33.47
11	20.00	10.00	30.00	13.50	49.90	0.271	125.7	34.00
12	30.00	15.00	45.00	10.10	49.90	0.202	188.5	38.15
13	40.00	20.00	60.00	6.890	49.00	0.141	251.3	35.34
14	50.00	25.00	75.00	5.740	49.90	0.115	314.2	36.14
15	60.00	30.00	90.00	5.140	49.90	0.103	377.0	38.83
16	70.00	35.00	105.0	8.070	99.90	0.081	439.8	35.53
17	80.00	40.00	120.0	7.890	99.90	0.079	502.7	39.70
18	90.00	45.00	135.0	7.290	99.90	0.073	565.5	41.27
19	100.0	50.00	150.0	11.50	199.0	0.058	628.3	36.31
20	150.0	75.00	225.0	16.10	199.0	0.081	942.5	76.25
21	200.0	100.0	300.0	9.150	199.0	0.046	1257	57.78
22								
23								
24								
25								

比抵抗
[Ω m]

測線名
測点番号

Hera-A
H-3



電極配置
ウェンナー
ファイル名
Hera H-3 A-line.wd

< 凡例 >
● : 測定値
— : 理論値

電極間隔

比抵抗	82.5	20.6	36.3	1219
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[Ω m]

深度

2.68

129

[m]

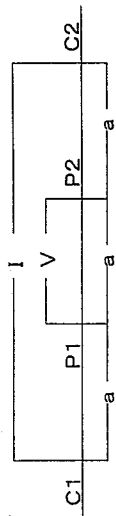
記事

PCI

垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 10 月 11 日
測線名	Hera-A	測点番号	H-2
使用機器	McOHM	測定者氏名	T.Ohno

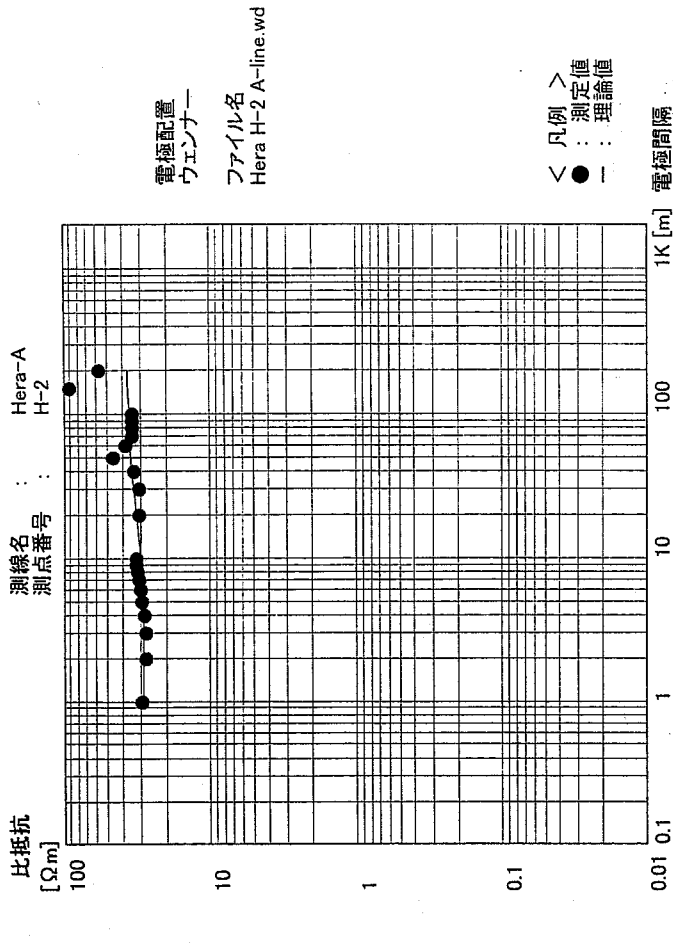


$$\rho_a = \frac{2\pi a \cdot \Delta V}{I}$$
$$= K \cdot \Delta V / [I(\Omega m)]$$

No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ω m]
1	1.000	0.500	1.500	46.70	9.990	4.675	6.283	29.37
2	2.000	1.000	3.000	22.00	9.990	2.202	12.57	27.67
3	3.000	1.500	4.500	14.50	9.990	1.451	18.85	27.36
4	4.000	2.000	6.000	11.20	9.990	1.121	25.13	28.18
5	5.000	2.500	7.500	9.350	9.990	0.936	31.42	29.40
6	6.000	3.000	9.000	7.930	9.990	0.794	37.70	29.93
7	7.000	3.500	10.50	6.960	9.990	0.697	43.98	30.64
8	8.000	4.000	12.00	6.240	9.990	0.625	50.27	31.40
9	9.000	4.500	13.50	5.600	9.990	0.561	56.55	31.70
10	10.00	5.000	15.00	5.100	9.990	0.511	62.83	32.08
11	20.00	10.00	30.00	12.20	49.90	0.244	125.7	30.72
12	30.00	15.00	45.00	16.10	99.80	0.161	188.5	30.41
13	40.00	20.00	60.00	13.30	99.80	0.133	251.3	33.49
14	50.00	25.00	75.00	14.80	99.80	0.148	314.2	46.59
15	60.00	30.00	90.00	9.980	99.80	0.100	377.0	37.70
16	70.00	35.00	105.0	15.50	199.0	0.078	439.8	34.26
17	80.00	40.00	120.0	13.50	199.0	0.068	502.7	34.10
18	90.00	45.00	135.0	11.90	199.0	0.060	565.5	33.82
19	100.0	50.00	150.0	10.90	199.0	0.055	628.3	34.42
20	150.0	75.00	225.0	19.06	199.0	0.096	942.5	90.27
21	200.0	100.0	300.0	9.090	199.0	0.046	1257	57.40
22								
23								
24								
25								

記事

PCI

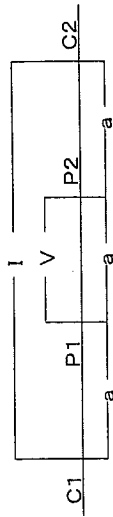


比抵抗 [Ω m]	28.7	36.2
深度 [m]	10.1	

垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 10 月 11 日
測線名	Hera-A	測点番号	H-1
使用機器	McOHM	測定者氏名	T.Ohno



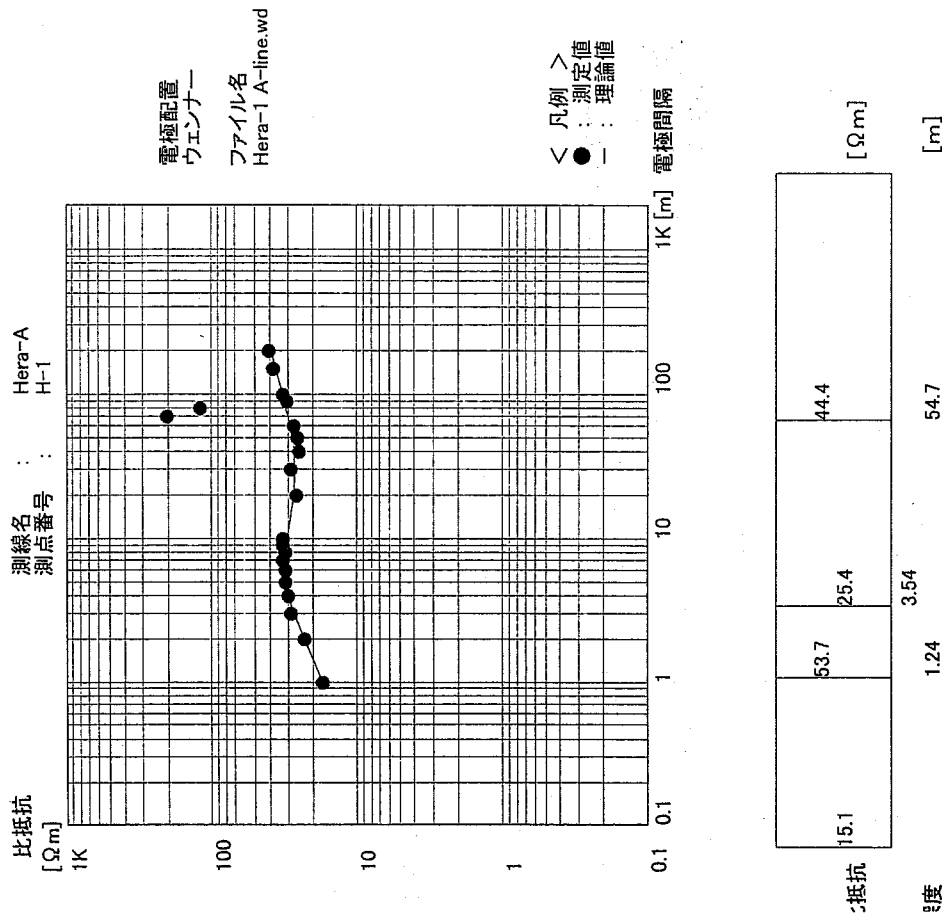
$$\rho_a = \frac{2\pi a \cdot \Delta V}{I}$$

$$= K \cdot \Delta V / I [\Omega m]$$

No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ω m]
1	1.000	0.500	1.500	27.80	10.00	2.780	6.283	17.47
2	2.000	1.000	3.000	18.20	9.990	1.822	12.57	22.89
3	3.000	1.500	4.500	15.10	9.990	1.512	18.85	28.49
4	4.000	2.000	6.000	12.00	9.990	1.201	25.13	30.19
5	5.000	2.500	7.500	9.830	9.990	0.984	31.42	30.91
6	6.000	3.000	9.000	8.320	9.990	0.833	37.70	31.40
7	7.000	3.500	10.50	14.90	19.90	0.749	43.98	32.93
8	8.000	4.000	12.00	12.40	19.90	0.623	50.27	31.32
9	9.000	4.500	13.50	11.40	19.90	0.573	56.55	32.39
10	10.00	5.000	15.00	10.30	19.90	0.518	62.83	32.52
11	20.00	10.00	30.00	10.50	49.90	0.210	125.7	26.44
12	30.00	15.00	45.00	7.640	49.90	0.153	188.5	28.86
13	40.00	20.00	60.00	9.880	99.80	0.099	251.3	24.88
14	50.00	25.00	75.00	16.10	199.0	0.081	314.2	25.42
15	60.00	30.00	90.00	14.30	199.0	0.072	377.0	27.09
16	70.00	35.00	105.0	4.580	9.990	0.458	439.8	201.6
17	80.00	40.00	120.0	2.370	9.980	0.237	502.7	119.4
18	90.00	45.00	135.0	10.70	199.0	0.054	565.5	30.41
19	100.0	50.00	150.0	10.40	199.0	0.052	628.3	32.84
20	150.0	75.00	225.0	7.960	199.0	0.040	942.5	37.70
21	200.0	100.0	300.0	6.370	199.0	0.032	1257	40.22
22								
23								
24								
25								

記事

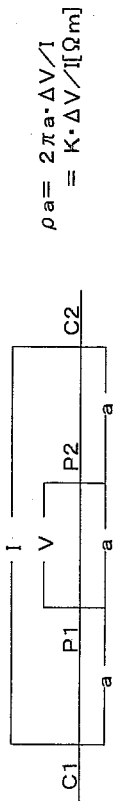
PCI



垂直電気探査

(ウェンナー電極配置)

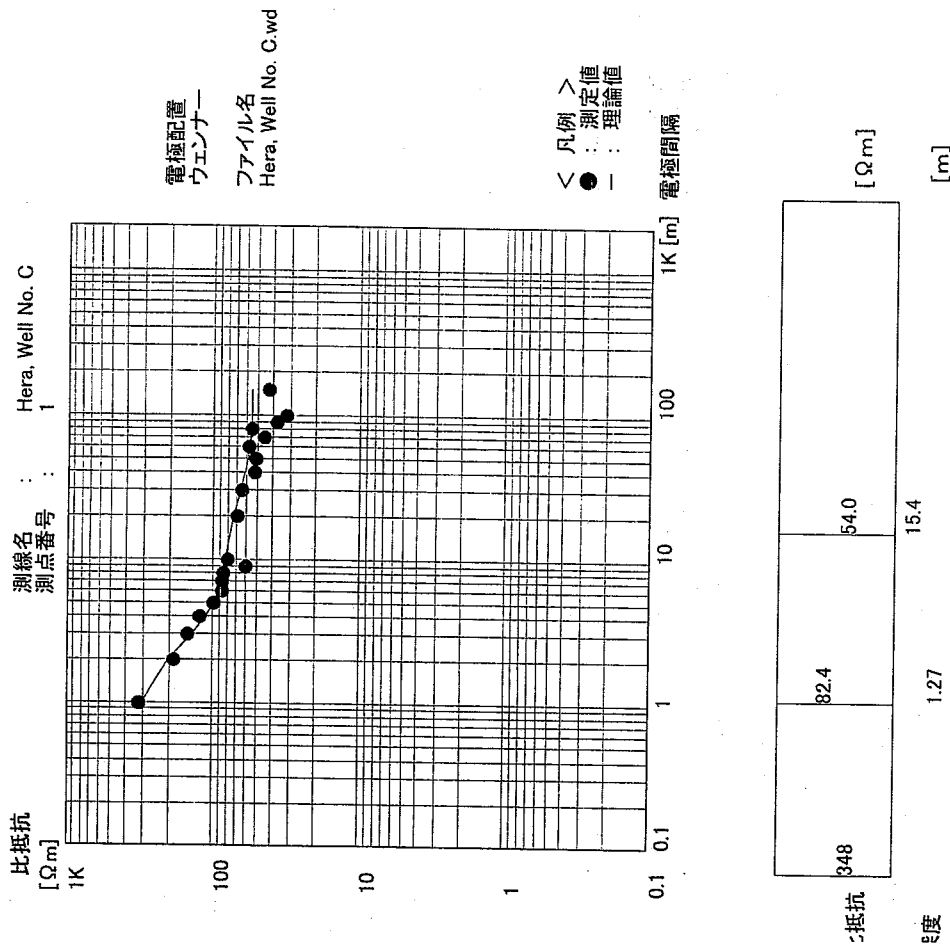
調査件名	Water Supply	測定年月日	200 年 10 月 18 日
測線名	Hera, Well No. C	測点番号	1
使用機器	McOHM	測定者氏名	T. Ohno



No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ω m]
1	1.000	0.500	1.500	510.0	9.990	51.05	6.283	320.8
2	2.000	1.000	3.000	147.0	9.990	14.71	12.57	184.9
3	3.000	1.500	4.500	79.80	9.990	7.988	18.85	150.6
4	4.000	2.000	6.000	48.60	9.990	4.865	25.13	122.3
5	5.000	2.500	7.500	31.20	9.990	3.123	31.42	98.12
6	6.000	3.000	9.000	23.20	9.990	2.322	37.70	87.55
7	7.000	3.500	10.50	19.60	9.990	1.962	43.98	86.29
8	8.000	4.000	12.00	17.00	9.990	1.702	50.27	85.54
9	9.000	4.500	13.50	10.60	9.990	1.061	56.55	60.00
10	10.00	5.000	15.00	12.60	9.990	1.261	62.83	79.25
11	20.00	10.00	30.00	27.10	49.90	0.543	125.7	68.25
12	30.00	15.00	45.00	16.90	49.90	0.339	188.5	63.84
13	40.00	20.00	60.00	10.40	49.90	0.208	251.3	52.38
14	50.00	25.00	75.00	16.30	99.80	0.163	314.2	51.31
15	60.00	30.00	90.00	15.10	99.80	0.151	377.0	57.04
16	70.00	35.00	105.0	10.20	99.80	0.102	439.8	44.95
17	80.00	40.00	120.0	10.87	99.80	0.109	502.7	54.75
18	90.00	45.00	135.0	13.10	198.0	0.066	565.5	37.41
19	100.0	50.00	150.0	10.10	198.0	0.051	628.3	32.05
20	150.0	75.00	225.0	8.910	198.0	0.045	942.5	42.41
21								
22								
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記事

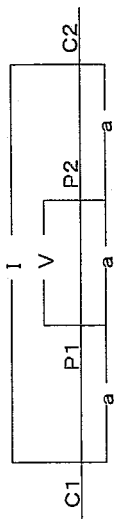
PCI



垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 10 月 18 日
測線名	Hera, Well No. B	測点番号	1
使用機器	McOHM	測定者氏名	T.Ohno



$$\rho_a = \frac{2\pi a \cdot \Delta V}{I}$$

$$= K \cdot \Delta V / [\Omega m]$$

No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ωm]
1	1.000	0.500	1.500	128.0	9.990	12.81	6.283	80.51
2	2.000	1.000	3.000	47.50	9.990	4.755	12.57	59.75
3	3.000	1.500	4.500	27.70	9.990	2.773	18.85	52.27
4	4.000	2.000	6.000	20.20	9.990	2.022	25.13	50.82
5	5.000	2.500	7.500	15.40	9.990	1.542	31.42	48.43
6	6.000	3.000	9.000	10.60	9.990	1.061	37.70	40.00
7	7.000	3.500	10.50	8.410	9.990	0.842	43.98	37.03
8	8.000	4.000	12.00	14.50	19.90	0.729	50.27	36.63
9	9.000	4.500	13.50	13.10	19.99	0.655	56.55	37.06
10	10.00	5.000	15.00	10.50	19.55	0.537	62.83	33.75
11	20.00	10.00	30.00	18.70	99.80	0.187	125.7	23.55
12	30.00	15.00	45.00	19.00	99.80	0.190	188.5	35.89
13	40.00	20.00	60.00	16.50	99.80	0.165	251.3	41.55
14	50.00	25.00	75.00	16.10	99.80	0.161	314.2	50.68
15	60.00	30.00	90.00	12.80	99.80	0.128	377.0	48.35
16	70.00	35.00	105.0	15.00	99.80	0.150	439.8	66.11
17	80.00	40.00	120.0	13.90	99.80	0.139	502.7	70.01
18	90.00	45.00	135.0	13.80	99.80	0.138	565.5	78.19
19	100.0	50.00	150.0	17.20	99.80	0.172	628.3	108.3
20	150.0	75.00	225.0	19.10	99.80	0.191	942.5	180.4
21	200.0	100.0	300.0	19.10	99.80	0.191	1257	240.5
22								
23								
24								
25								

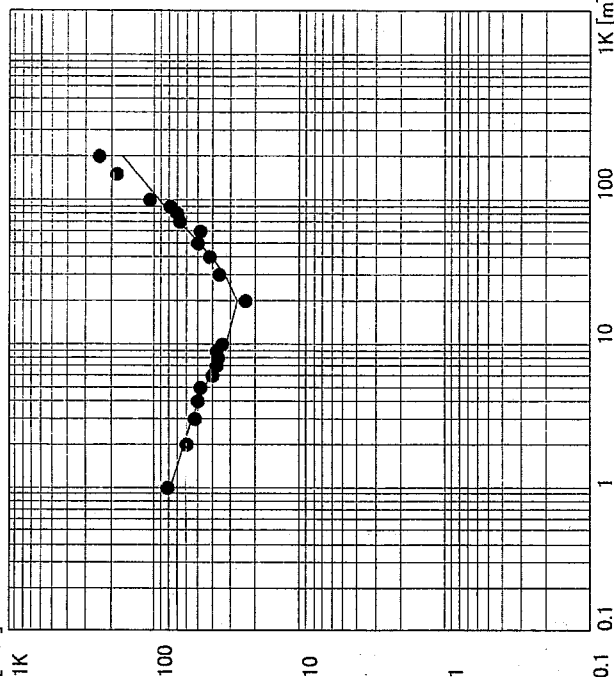
記事

PCI

比抵抗
[Ωm]

測線名 : Hera, Well No. B

測点番号 : 1



＜ 凡例 ＞
● : 測定値
— : 理論値

電極間隔

北抵抗	86.2	48.9	18.5	744
梁度	0.99	5.81	28.1	

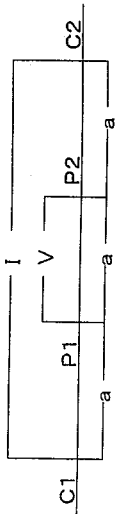
[Ωm]

[m]

垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	2000 年 10 月 17 日
測線名		測点番号	Hera Well N. A
使用機器	McOHM	測定者氏名	T.Ohno

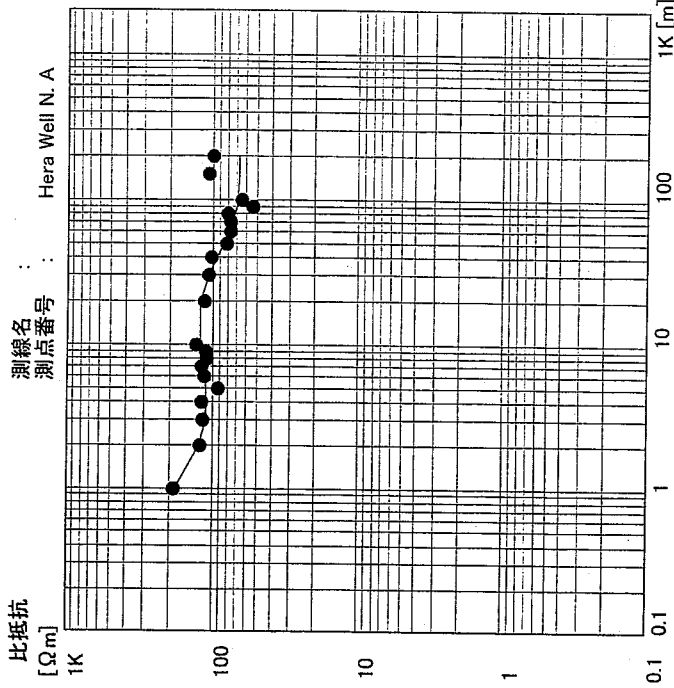


$$\rho_a = \frac{2\pi a \cdot \Delta V}{I}$$
$$= K \cdot \Delta V / [\Omega m]$$

No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ω m]
1	1.000	0.500	1.500	293.0	9.990	29.33	6.283	184.3
2	2.000	1.000	3.000	97.40	9.990	9.750	12.57	122.5
3	3.000	1.500	4.500	61.80	9.990	6.186	18.85	116.6
4	4.000	2.000	6.000	47.50	9.990	4.755	25.13	119.5
5	5.000	2.500	7.500	29.30	9.990	2.933	31.42	92.14
6	6.000	3.000	9.000	30.60	9.990	3.063	37.70	115.5
7	7.000	3.500	10.50	27.20	9.990	2.723	43.98	119.8
8	8.000	4.000	12.00	21.80	9.990	2.182	50.27	109.7
9	9.000	4.500	13.50	20.00	9.990	2.002	56.55	113.2
10	10.00	5.000	15.00	20.60	9.990	2.062	62.83	129.6
11	20.00	10.00	30.00	9.090	9.990	0.910	125.7	114.3
12	30.00	15.00	45.00	11.40	19.90	0.573	188.5	108.0
13	40.00	20.00	60.00	8.240	19.90	0.414	251.3	104.1
14	50.00	25.00	75.00	12.90	49.90	0.259	314.2	81.22
15	60.00	30.00	90.00	20.10	99.80	0.201	377.0	75.93
16	70.00	35.00	105.0	17.40	99.80	0.174	439.8	76.68
17	80.00	40.00	120.0	15.91	99.80	0.159	502.7	80.13
18	90.00	45.00	135.0	19.00	198.0	0.096	565.5	54.26
19	100.0	50.00	150.0	20.00	198.0	0.101	628.3	63.47
20	150.0	75.00	225.0	22.60	198.0	0.114	942.5	107.6
21	200.0	100.0	300.0	15.80	198.0	0.080	1257	100.3
22								
23								
24								
25								

記事

PCI



測線名 : Hera Well N. A
測点番号 :

電極配置
ウェンナー
ファイル名
Hera Well No. A.wd

< 凡例 >
● : 測定値
— : 理論値

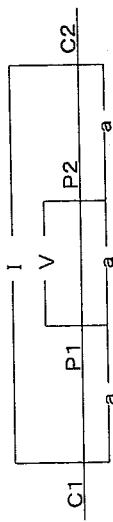
電極間隔

281	104	365	65.1
七抵抗			
架度	0.59	8.03	12.2
			[m]
			[Ω m]

垂直電気探査

(ウェンナー電極配置)

調査件名	Water Supply	測定年月日	200 年 10 月 10 日
測線名		測点番号	Bidau 1
使用機器	McOHM	測定者氏名	T. Ohno



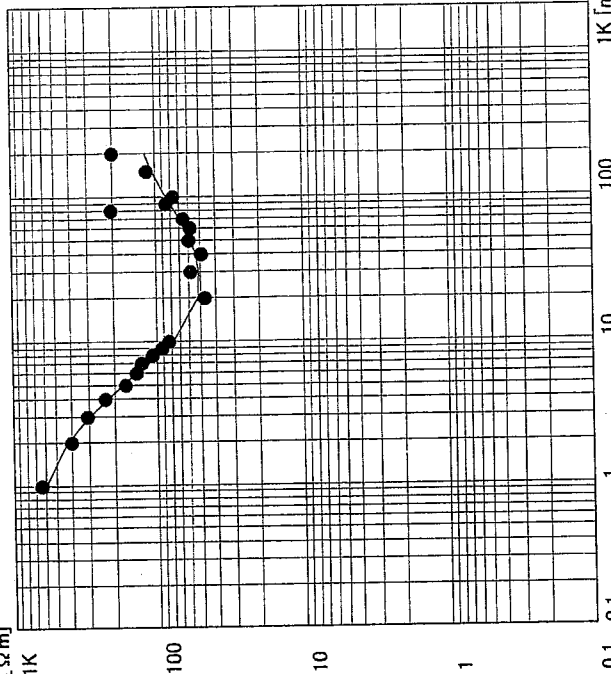
$$\rho_a = \frac{2\pi a \cdot \Delta V / I}{K \cdot \Delta V / I [\Omega m]}$$

No.	a [m]	a/2 [m]	3a/2 [m]	V [mV]	I [mA]	V/I [Ω]	K [m]	ρ_a [Ωm]
1	1,000	0,500	1,500	1,007	9,980	100.9	6,283	634.0
2	2,000	1,000	3,000	315.0	9,980	31.56	12.57	396.6
3	3,000	1,500	4,500	162.0	9,980	16.23	18.85	306.0
4	4,000	2,000	6,000	91.90	9,980	9.208	25.13	231.4
5	5,000	2,500	7,500	53.40	9,980	5.351	31.42	168.1
6	6,000	3,000	9,000	36.80	9,980	3.687	37.70	139.0
7	7,000	3,500	10,500	28.90	9,980	2.896	43.98	127.4
8	8,000	4,000	12,000	21.60	9,980	2.164	50.27	108.8
9	9,000	4,500	13,500	16.30	9,980	1.633	56.55	92.36
10	10,000	5,000	15,000	13.10	9,980	1.313	62.83	82.47
11	20,000	10,000	30,000	3.780	9,980	0.379	125.7	47.60
12	30,000	15,000	45,000	3.070	9,980	0.308	188.5	57.98
13	40,000	20,000	60,000	3.900	19,900	0.196	251.3	49.26
14	50,000	25,000	75,000	9.480	49,900	0.190	314.2	59.68
15	60,000	30,000	90,000	7.730	49,900	0.155	377.0	58.40
16	70,000	35,000	105,000	7.480	49,900	0.150	439.8	65.93
17	80,000	40,000	120,000	20.20	49,900	0.405	502.7	203.5
18	90,000	45,000	135,000	7.480	49,900	0.150	565.5	84.77
19	100,000	50,000	150,000	5.990	49,900	0.120	628.3	75.42
20	150,000	75,000	225,000	6.100	49,900	0.122	942.5	115.2
21	200,000	100,000	300,000	7.890	49,900	0.158	1257	198.7
22								
23								
24								
25								

記事

PCI

比抵抗
[Ωm]



電極配置
ウェンナー
ファイル名
Bidau 1.wd

< 凡例 >
● : 測定値
— : 理論値

電極間隔
[m]

比抵抗 [Ωm]	679	236	54.9	42.6	177
深度 [m]	1.20	4.00	12.2	48.4	

Data

Pumping Test Data

STEP DRAWDOWN PUMPINGTEST

Date : Dec. 27, 2000	Well No. :	Bidau New 1	Driller : Kamjan V
Discharge : 165 L/min	Location :	Dili	Tone Eng.: Tanyaphol P
Pump Setting: 46.1 m	S.W.L.(GL-) :	2.07	Measured by: Narong K

Time (hr : min)		Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Step 1
19:00		0	2.07	0.00	
		1	2.16	0.09	
		2	2.38	0.31	
		3	2.48	0.41	
		4	2.55	0.48	
		5	2.62	0.55	
		6	2.67	0.60	
		7	2.71	0.64	
		8	2.75	0.68	
		9	2.78	0.71	
		10	2.80	0.73	
		12	2.83	0.76	
20:00		14	2.85	0.78	
		16	2.87	0.80	
		18	2.87	0.80	
		20	2.88	0.81	
		25	2.90	0.83	
		30	2.91	0.84	
		35	2.93	0.86	
		40	2.94	0.87	
		45	2.94	0.87	
		50	2.95	0.88	
		55	2.96	0.89	
		60	2.97	0.90	
21:00		70	2.98	0.91	
		80	3.00	0.93	
		90	3.00	0.93	
		100	3.00	0.93	
		110	3.01	0.94	
		120	3.02	0.95	

STEP DRAWDOWN PUMPINGTEST

Date : Dec. 27, 2000	Well No. :	Bidau New 1	Driller : Kamjan V
Discharge : 212.9 L/mi	Location :	Dili	Tone Eng.: Tanyaphol P
Pump Setting: 46.1 m	S.W.L.(GL-) :	2.07	Measured by: Narong K

Time (hr : min)		Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Step 2
21:00		0	3.02	0.95	
		1	3.80	1.73	
		2	4.05	1.98	
		3	4.12	2.05	
		4	4.22	2.15	
		5	4.26	2.19	
		6	4.31	2.24	
		7	4.37	2.30	
		8	4.40	2.33	
		9	4.43	2.36	
		10	4.47	2.40	
		12	4.52	2.45	
22:00		14	4.57	2.50	
		16	4.60	2.53	
		18	4.62	2.55	
		20	4.65	2.58	
		25	4.70	2.63	
		30	4.74	2.67	
		35	4.75	2.68	
		40	4.78	2.71	
		45	4.82	2.75	
		50	4.85	2.78	
		55	4.86	2.79	
		60	4.89	2.82	
23:00		70	4.93	2.86	
		80	4.96	2.89	
		90	5.02	2.95	
		100	5.06	2.99	
		110	5.09	3.02	
		120	5.12	3.05	

STEP DRAWDOWN PUMPINGTEST

Date : Dec. 27, 2000	Well No. :	Bidau New 1	Driller : Kamjan V
Discharge : 307 L/min	Location :	Dili	Tone Eng.: Tanyaphol P
Pump Setting: 46.1 m	S.W.L.(GL-) :	2.07	Measured by: Narong K

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Step 3
23:00	0	5.12	3.05	
	1	10.29	8.22	
	2	11.51	9.44	
	3	11.93	9.86	
	4	12.20	10.13	
	5	12.47	10.40	
	6	12.62	10.55	
	7	12.88	10.81	
	8	13.07	11.00	
	9	13.35	11.28	
	10	13.51	11.44	
	12	13.77	11.70	
0:00	14	14.04	11.97	
	16	14.26	12.19	
	18	14.54	12.47	
	20	14.70	12.63	
	25	15.06	12.99	
	30	15.45	13.38	
	35	15.80	13.73	
	40	16.10	14.03	
	45	16.30	14.23	
	50	16.50	14.43	
	55	16.73	14.66	
	60	17.05	14.98	
1:00	70	17.44	15.37	
	80	17.73	15.66	
	90	18.10	16.03	
	100	18.30	16.23	
	110	18.56	16.49	
	120	18.70	16.63	

STEP DRAWDOWN PUMPINGTEST

Dec. 28, 2000	Well No. :	Bidau New 1	Driller : Kamjan V
Discharge : 347.4 L/mi	Location :	Dili	Tone Eng.: Tanyaphol P
Pump Setting: 46.1m	S.W.L.(GL-) :	2.07	Measured by: Narong K

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Step 4
1:00	0	18.70	16.63	
	1	21.19	19.12	
	2	22.26	20.19	
	3	22.74	20.67	
	4	23.05	20.98	
	5	23.38	21.31	
	6	23.73	21.66	
	7	24.01	21.94	
	8	24.23	22.16	
	9	24.46	22.39	
	10	24.68	22.61	
	12	25.00	22.93	
2:00	14	25.39	23.32	
	16	25.69	23.62	
	18	26.00	23.93	
	20	26.16	24.09	
	25	26.69	24.62	
	30	27.27	25.20	
	35	27.60	25.53	
	40	28.00	25.93	
	45	28.20	26.13	
	50	28.40	26.33	
	55	28.76	26.69	
	60	29.00	26.93	
3:00	70	29.37	27.30	
	80	29.70	27.63	
	90	30.00	27.93	
	100	30.20	28.13	
	110	30.60	28.53	
	120	30.83	28.76	

STEP DRAWDOWN PUMPINGTEST

Date : Dec. 28, 2000	Well No. :	Bidau New 1	Driller : Kamjan V
Discharge : 400 L/min	Location :	Dili	Tone Eng.: Tanyaphol P
Pump Setting: 46.1 m	S.W.L.(GL-) :	2.07	Measured by: Narong K

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Step 5
3:00	0	30.83	28.76	
	1	33.48	31.41	
	2	34.00	31.93	
	3	34.06	31.99	
	4	34.30	32.23	
	5	34.53	32.46	
	6	34.79	32.72	
	7	34.91	32.84	
	8	35.01	32.94	
	9	35.30	33.23	
	10	35.50	33.43	
	12	35.80	33.73	
4:00	14	36.00	33.93	
	16	36.30	34.23	
	18	36.70	34.63	
	20	36.90	34.83	
	25	37.40	35.33	
	30	37.90	35.83	
	35	38.40	36.33	
	40	38.90	36.83	
	45	39.40	37.33	
	50	39.70	37.63	
	55	40.00	37.93	
	60	40.20	38.13	
5:00	70	40.60	38.53	
	80	40.90	38.83	
	90	41.20	39.13	
	100	41.30	39.23	
	110	41.40	39.33	
	120	41.50	39.43	

STEP DRAWDOWN PUMPINGTEST

Dec. 28, 2000	Well No. :	Bidau New 1	Driller : Kamjan V
Discharge :	Location :		Tone Eng.: Tanyaphol P
Pump Setting:	S.W.L.(GL-) :		Measured by: Narong K

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Step 4

CONTINUOUS PUMPING TEST

Date : Dec. 28, 2000	Well No. :	Bidau New 1	Driller : Kamjan V
Discharge : 420 L/min	Location :	Dili	Tone Eng.: Tanyaphol P
Pump Setting: 46.1 m	S.W.L.(GL-) :	2.07	Measured by: Narong K

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Continuous
18:00	0	2.07	0.00	Sample No.1
	1	4.97	2.90	
	2	5.30	3.23	
	3	5.90	3.83	
	4	6.49	4.42	
	5	7.15	5.08	
	6	7.68	5.61	
	7	8.14	6.07	
	8	8.67	6.60	
	9	9.07	7.00	
	10	9.59	7.52	
	12	10.25	8.18	
	14	10.71	8.64	
	16	11.24	9.17	
	18	11.70	9.63	
	20	12.03	9.96	
19:00	25	12.69	10.62	
	30	13.42	11.35	
	35	13.94	11.87	
	40	14.47	12.40	
	45	14.97	12.90	
	50	15.40	13.33	
	55	15.79	13.72	
	60	16.09	14.02	
	70	16.57	14.50	
	80	16.98	14.91	
	90	17.37	15.30	
	100	17.77	15.70	
	110	18.16	16.09	
	120	18.49	16.42	
20:00				

CONTINUOUS PUMPING TEST

Dec. 28, 2000	Well No. :	Bidau New 1	Driller : Kamjan V
Discharge : 420 L/min	Location :		Tone Eng.: Tanyaphol P
Pump Setting:	S.W.L.(GL-) :	2.07	Measured by: Narong K

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Continuous
21:00	150	19.15	17.08	Sample No.3
	180	19.67	17.60	
	210	20.06	17.99	
22:00	240	20.61	18.54	
	270	20.94	18.87	
	300	21.13	19.06	
0:00	330	21.33	19.26	
	360	21.60	19.53	
	420	21.79	19.72	
3:00	480	21.92	19.85	
	540	22.07	20.00	
	600	22.07	20.00	
5:00	660	22.07	20.00	
	720	22.07	20.00	
	780	22.07	20.00	
8:00	840	22.07	20.00	
	900	22.07	20.00	
	960	22.07	20.00	
12:00	1020	22.07	20.00	
	1080	22.07	20.00	
	1140	22.07	20.00	
	1200	22.07	20.00	
	1260	22.07	20.00	
	1320	22.07	20.00	
18:00	1380	22.07	20.00	
	1440	22.07	20.00	

RECOVERY TEST

Date : Dec. 28, 2000	Well No. : Bidau New 1	Driller : Kamjan V
Discharge : -	Location : Dili	Tone Eng.: Tanyaphol P
Pump Setting: 46.1 m	S.W.L.(GL-): 2.07	Measured by: Narong K

Time (hr : min)	Time since Pump stop (min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Recovery
18:00	0	1440	22.07	20.00	
	1	1441	11.22	9.15	
	2	1442	7.72	5.65	
	3	1443	5.90	3.83	
	4	1444	5.05	2.98	
	5	1445	4.60	2.53	
	6	1446	4.33	2.26	
	7	1447	4.15	2.08	
	8	1448	4.02	1.95	
	9	1449	3.94	1.87	
	10	1450	3.86	1.79	
	12	1452	3.77	1.70	
	14	1454	3.68	1.61	
	16	1456	3.61	1.54	
	18	1458	3.57	1.50	
	20	1460	3.52	1.45	
	25	1465	3.47	1.40	
	30	1470	3.40	1.33	
	35	1475	3.37	1.30	
	40	1480	3.33	1.26	
	45	1485	3.30	1.23	
	50	1490	3.28	1.21	
	55	1495	3.26	1.19	
	60	1500	3.24	1.17	
12:00	70	1510	3.22	1.15	
	80	1520	3.18	1.11	
	90	1530	3.14	1.07	
	100	1540	3.14	1.07	
	110	1550	3.12	1.05	
	120	1560	3.11	1.04	

Dec. 28, 2000	Well No. : Bidau New 1	
Discharge :	Location : Dili	
Pump Setting: 46.1m	S.W.L.(GL-): 2.07	

Time (hr : min)	Time since Pump stop (min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)
21:00		150	19.15	17.08
		180	19.67	17.60
		210	20.06	17.99
22:00		240	20.61	18.54
		270	20.94	18.87
		300	21.13	19.06
		330	21.33	19.26
		360	21.60	19.53
0:00		420	21.79	19.72
		480	21.92	19.85
		540	22.07	20.00
3:00		600	22.07	20.00
		660	22.07	20.00
5:00		720	22.07	20.00
		780	22.07	20.00
		840	22.07	20.00
8:00		900	22.07	20.00
		960	22.07	20.00
		1020	22.07	20.00
12:00		1080	22.07	20.00
		1140	22.07	20.00
		1200	22.07	20.00
18:00		1260	22.07	20.00
		1320	22.07	20.00
		1380	22.07	20.00
		1440	22.07	20.00

STEP DRAWDOWN PUMPINGTEST

Date : Jan. 10, 2001	Well No. : Hera A	Driller : Kamjan V
Discharge : 5 L/s	Location : Hera, Dili	Tone Eng.: Tanyaphol P
Pump Setting: 34.1	S.W.L.(GL-) : 22.4	Measured by: Narong K

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Step 1
9:00	0	22.4	0.00	
	1	22.69	0.29	
	2	22.7	0.30	
	3	22.71	0.31	
	4	22.71	0.31	
	5	22.71	0.31	
	6	22.71	0.31	
	7	22.71	0.31	
	8	22.71	0.31	
	9	22.71	0.31	
	10	22.71	0.31	
	12	22.71	0.31	
	14	22.71	0.31	
	16	22.71	0.31	
	18	22.71	0.31	
	20	22.71	0.31	
	25	22.71	0.31	
	30	22.71	0.31	
10:00	35	22.71	0.31	
	40	22.71	0.31	
	45	22.71	0.31	
	50	22.71	0.31	
	55	22.71	0.31	
	60	22.71	0.31	
	70	22.71	0.31	
	80	22.71	0.31	
	90	22.71	0.31	
	100	22.71	0.31	
	110	22.71	0.31	
	120	22.71	0.31	
11:00				

STEP DRAWDOWN PUMPINGTEST

Date : Jan. 10, 2001	Well No. : Hera A	Driller : Kamjan V
Discharge : 6L/s	Location : Hera, Dili	Tone Eng.: Tanyaphol P
Pump Setting: 34.1	S.W.L.(GL-) : 22.4	Measured by: Narong K

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Step 2
11:00	0	22.71	0.31	
	1	22.83	0.43	
	2	22.83	0.43	
	3	22.84	0.44	
	4	22.85	0.45	
	5	22.85	0.45	
	6	22.85	0.45	
	7	22.85	0.45	
	8	22.85	0.45	
	9	22.85	0.45	
	10	22.85	0.45	
	12	22.85	0.45	
12:00	14	22.85	0.45	
	16	22.85	0.45	
	18	22.85	0.45	
	20	22.85	0.45	
	25	22.85	0.45	
	30	22.85	0.45	
	35	22.85	0.45	
	40	22.85	0.45	
	45	22.85	0.45	
	50	22.85	0.45	
	55	22.85	0.45	
	60	22.85	0.45	
11:00	70	22.85	0.45	
	80	22.85	0.45	
	90	22.85	0.45	
	100	22.85	0.45	
	110	22.85	0.45	
	120	22.85	0.45	

STEP DRAWDOWN PUMPINGTEST

Date : Jan. 10, 2001	Well No. :	Hera A	Driller : Kamjan V
Discharge : 7 L/s	Location :	Hera, Dili	Tone Eng.: Tanyaphol P
Pump Setting: 34.1	S.W.L.(GL-) :	22.4	Measured by: Narong K

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Step 3
13:00	0	22.85	0.45	
	1	22.89	0.49	
	2	22.89	0.49	
	3	22.9	0.50	
	4	22.9	0.50	
	5	22.9	0.50	
	6	22.9	0.50	
	7	22.9	0.50	
	8	22.9	0.50	
	9	22.9	0.50	
	10	22.9	0.50	
	12	22.9	0.50	
14:00	14	22.9	0.50	
	16	22.9	0.50	
	18	22.9	0.50	
	20	22.9	0.50	
	25	22.9	0.50	
	30	22.9	0.50	
	35	22.9	0.50	
	40	22.9	0.50	
	45	22.9	0.50	
	50	22.9	0.50	
	55	22.9	0.50	
	60	22.9	0.50	
15:00	70	22.9	0.50	
	80	22.9	0.50	
	90	22.9	0.50	
	100	22.9	0.50	
	110	22.9	0.50	
	120	22.9	0.50	

STEP DRAWDOWN PUMPINGTEST

Date : Jan. 10, 2001	Well No. :	Hera A	Driller : Kamjan V
Discharge : 8 L/s	Location :	Hera , Dili	Tone Eng.: Tanyaphol P
Pump Setting: 34.1	S.W.L.(GL-) :	22.4	Measured by: Narong K

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Step 4
15:00	0	22.9	0.5	
	1	22.9	0.5	
	2	22.9	0.5	
	3	22.9	0.5	
	4	22.9	0.5	
	5	22.9	0.5	
	6	22.9	0.5	
	7	22.9	0.5	
	8	22.9	0.5	
	9	22.9	0.5	
	10	22.9	0.5	
	12	22.9	0.5	
16:00	14	22.9	0.5	
	16	22.9	0.5	
	18	22.9	0.5	
	20	22.9	0.5	
	25	22.9	0.5	
	30	22.9	0.5	
	35	22.9	0.5	
	40	22.9	0.5	
	45	22.9	0.5	
	50	22.9	0.5	
	55	22.9	0.5	
	60	22.9	0.5	
17:00	70	22.9	0.5	
	80	22.9	0.5	
	90	22.9	0.5	
	100	22.9	0.5	
	110	22.9	0.5	
	120	22.9	0.5	

STEP DRAWDOWN PUMPINGTEST

Date : Dec. 8, 2001	Well No. :	Hera B	Driller : Kamjan V
Discharge : 82.7 L/min	Location :	Hera, Dili	Tone Eng.: Tanyaphol P
Pump Setting: 42.2m	S.W.L.(GL-) :	5.5	Measured by: Narong K

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Step 1
14:00	0	5.5	0.00	
	1	5.92	0.42	
	2	6.15	0.65	
	3	6.31	0.81	
	4	6.35	0.85	
	5	6.37	0.87	
	6	6.39	0.89	
	7	6.41	0.91	
	8	6.43	0.93	
	9	6.44	0.94	
	10	6.45	0.95	
	12	6.45	0.95	
15:00	14	6.46	0.96	
	16	6.46	0.96	
	18	6.46	0.96	
	20	6.46	0.96	
	25	6.46	0.96	
	30	6.46	0.96	
	35	6.46	0.96	
	40	6.46	0.96	
	45	6.46	0.96	
	50	6.46	0.96	
	55	6.46	0.96	
	60	6.46	0.96	
16:00	70	6.46	0.96	
	80	6.46	0.96	
	90	6.46	0.96	
	100	6.46	0.96	
	110	6.46	0.96	
	120	6.46	0.96	

STEP DRAWDOWN PUMPINGTEST

Date : Dec. 8, 2001	Well No. :	Hera B	Driller : Kamjan V
Discharge : 166.2 L/min	Location :	Hera , Dili	Tone Eng.: Tanyaphol P
Pump Setting: 42.2	S.W.L.(GL-) :	5.5	Measured by: Narong K

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Step 2
16:00	0	6.46	0.96	
	1	7.26	1.76	
	2	7.42	1.92	
	3	7.45	1.95	
	4	7.46	1.96	
	5	7.46	1.96	
	6	7.46	1.96	
	7	7.46	1.96	
	8	7.47	1.97	
	9	7.47	1.97	
	10	7.47	1.97	
	12	7.48	1.98	
17:00	14	7.48	1.98	
	16	7.49	1.99	
	18	7.49	1.99	
	20	7.50	2	
	25	7.51	2.01	
	30	7.51	2.01	
	35	7.52	2.02	
	40	7.52	2.02	
	45	7.52	2.02	
	50	7.52	2.02	
	55	7.52	2.02	
	60	7.52	2.02	
18:00	70	7.52	2.02	
	80	7.52	2.02	
	90	7.52	2.02	
	100	7.52	2.02	
	110	7.52	2.02	
	120	7.52	2.02	

STEP DRAWDOWN PUMPINGTEST

Date : Dec. 8, 2001	Well No. :	Hera B	Driller : Kamjan V
Discharge : 250 L/min	Location :	Hera, Dili	Tone Eng.: Tanyaphol P
Pump Setting: 42.2m	S.W.L.(GL-) :	5.5	Measured by: Narong K

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Step 3
18:00	0	7.52	2.02	
	1	9.73	4.23	
	2	10.78	5.28	
	3	11.22	5.72	
	4	11.46	5.96	
	5	11.62	6.12	
	6	11.78	6.28	
	7	11.80	6.30	
	8	11.85	6.35	
	9	11.88	6.38	
	10	11.90	6.40	
	12	11.93	6.43	
19:00	14	11.97	6.47	
	16	11.99	6.49	
	18	12.02	6.52	
	20	12.03	6.53	
	25	12.01	6.51	
	30	12.10	6.60	
	35	12.19	6.69	
	40	12.15	6.65	
	45	12.17	6.67	
	50	12.19	6.69	
	55	12.20	6.70	
	60	12.24	6.74	
20:00	70	12.26	6.76	
	80	12.31	6.81	
	90	12.35	6.85	
	100	12.37	6.87	
	110	12.40	6.90	
	120	12.43	6.93	

STEP DRAWDOWN PUMPINGTEST

Date : Dec. 8, 2001	Well No. :	Hera B	Driller : Kamjan V
Discharge :	Location :	Hera , Dili	Tone Eng.: Tanyaphol P
Pump Setting: 42.2	S.W.L.(GL-) :	5.5	Measured by: Narong K

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	

STEP DRAWDOWN PUMPINGTEST

Date : Dec. 11, 2000	Well No. :	Hera C	Driller : Kamjan V
Discharge : 166.7 L/min	Location :	Hera, Dili	Tone Eng.: Tanyaphol P
Pump Setting: 32.2 m	S.W.L.(GL-):	12.87	Measured by: Narong K

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Step 1
10:00	0	12.88	0.01	
	1	13.07	0.20	
	2	13.07	0.20	
	3	13.07	0.20	
	4	13.07	0.20	
	5	13.07	0.20	
	6	13.07	0.20	
	7	13.07	0.20	
	8	13.07	0.20	
	9	13.07	0.20	
	10	13.07	0.20	
	12	13.07	0.20	
11:00	14	13.07	0.20	
	16	13.07	0.20	
	18	13.07	0.20	
	20	13.07	0.20	
	25	13.07	0.20	
	30	13.07	0.20	
	35	13.07	0.20	
	40	13.07	0.20	
	45	13.07	0.20	
	50	13.07	0.20	
	55	13.07	0.20	
	60	13.07	0.20	
12:00	70	13.07	0.20	
	80	13.07	0.20	
	90	13.07	0.20	
	100	13.07	0.20	
	110	13.07	0.20	
	120	13.07	0.20	

STEP DRAWDOWN PUMPINGTEST

Date : Dec. 11, 2000	Well No. :	Hera C	Driller : Kamjan V
Discharge : 333.3 L/min	Location :	Hera , Dili	Tone Eng.: Tanyaphol P
Pump Setting: 32.2 m	S.W.L.(GL-):	12.87	Measured by: Narong K

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Step 2
12:00	0	13.07	0.20	
	1	13.17	0.30	
	2	13.17	0.30	
	3	13.18	0.31	
	4	13.18	0.31	
	5	13.18	0.31	
	6	13.18	0.31	
	7	13.18	0.31	
	8	13.18	0.31	
	9	13.18	0.31	
	10	13.18	0.31	
	12	13.18	0.31	
13:00	14	13.18	0.31	
	16	13.18	0.31	
	18	13.18	0.31	
	20	13.18	0.31	
	25	13.18	0.31	
	30	13.18	0.31	
	35	13.18	0.31	
	40	13.18	0.31	
	45	13.18	0.31	
	50	13.18	0.31	
	55	13.18	0.31	
	60	13.18	0.31	
14:00	70	13.18	0.31	
	80	13.18	0.31	
	90	13.18	0.31	
	100	13.18	0.31	
	110	13.18	0.31	
	120	13.18	0.31	

STEP DRAWDOWN PUMPINGTEST

Date : Dec. 14, 2000	Well No. :	Liquica New 1	Driller : Kamjan V
Discharge : 233.3 L/min	Location :	Liquica Maumet	Tone Eng.: Tanyaphol P
Pump Setting: 49.1 m	S.W.L.(GL-):	22.61	Measured by: Narong K

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Step 1
12:00	0	22.61	0.00	
	1	25.50	2.89	
	2	25.99	3.38	
	3	26.22	3.61	
	4	26.34	3.73	
	5	26.43	3.82	
	6	26.48	3.87	
	7	26.53	3.92	
	8	26.53	3.92	
	9	26.63	4.02	
	10	26.66	4.05	
	12	26.71	4.10	
13:00	14	26.85	4.24	
	16	26.87	4.26	
	18	26.94	4.33	
	20	27.00	4.39	
	25	27.13	4.52	
	30	27.23	4.62	
	35	27.30	4.69	
	40	27.39	4.78	
	45	27.46	4.85	
	50	27.51	4.90	
	55	27.61	5.00	
	60	27.64	5.03	
14:00	70	27.74	5.13	
	80	27.82	5.21	
	90	27.89	5.28	
	100	27.97	5.36	
	110	28.05	5.44	
	120	28.12	5.51	

STEP DRAWDOWN PUMPINGTEST

Date : Dec. 14, 2000	Well No. :	Liquica New 1	Driller : Kamjan V
Discharge : 266.6 L/min	Location :	Liquica Maumet	Tone Eng.: Tanyaphol P
Pump Setting: 49.1 m	S.W.L.(GL-):	22.61	Measured by: Narong K

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Step 2
14:00	0	28.12	5.51	
	1	28.90	6.29	
	2	29.26	6.65	
	3	29.40	6.79	
	4	29.45	6.84	
	5	29.48	6.87	
	6	29.49	6.88	
	7	29.50	6.89	
	8	29.52	6.91	
	9	29.54	6.93	
	10	29.55	6.94	
	12	29.56	6.95	
15:00	14	29.56	6.95	
	16	29.60	6.99	
	18	29.61	7.00	
	20	29.62	7.01	
	25	29.65	7.04	
	30	29.70	7.09	
	35	29.71	7.10	
	40	29.79	7.18	
	45	29.79	7.18	
	50	29.80	7.19	
	55	29.83	7.22	
	60	29.86	7.25	
16:00	70	29.94	7.33	
	80	29.98	7.37	
	90	30.03	7.42	
	100	30.05	7.44	
	110	30.09	7.48	
	120	30.14	7.53	

STEP DRAWDOWN PUMPINGTEST

Date : Dec. 14, 2000	Well No. :	Liquica New 1	Driller : Kamjan V
Discharge : 500 L/min	Location :	Liquica Maumet	Tone Eng.: Tanyaphol P
Pump Setting: 49.1 m	S.W.L.(GL-) :	22.61	Measured by: Narong K

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Step 3
16:00	0	30.14	7.53	
	1	31.22	8.61	
	2	31.75	9.14	
	3	31.98	9.37	
	4	32.08	9.47	
	5	32.13	9.52	
	6	32.15	9.54	
	7	32.15	9.54	
	8	32.17	9.56	
	9	32.19	9.58	
	10	32.22	9.61	
	12	32.24	9.63	
17:00	14	32.26	9.65	
	16	32.26	9.65	
	18	32.27	9.66	
	20	32.30	9.69	
	25	32.35	9.74	
	30	32.36	9.75	
	35	32.38	9.77	
	40	32.40	9.79	
	45	32.44	9.83	
	50	32.48	9.87	
	55	32.52	9.91	
	60	32.56	9.95	
18:00	70	32.59	9.98	
	80	32.69	10.08	
	90	32.71	10.10	
	100	32.79	10.18	
	110	32.88	10.27	
	120	32.91	10.30	

STEP DRAWDOWN PUMPINGTEST

Date : Dec. 14, 2000	Well No. :	Liquica New 1	Driller : Kamjan V
Discharge :	Location :	Liquica Maumet	Tone Eng.: Tanyaphol P
Pump Setting: 49.1 m	S.W.L.(GL-) :	22.6	Measured by: Narong K

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	

CONTINUOUS PUMPING TEST

Date : Dec. 15, 2000	Well No. : Location : S.W.L.(GL-) :	Liquica New 1 Liquica Maumet 22.61	Driller : Kamjan V Tone Eng.: Tanyaphol P Measured by: Narong K
Discharge : 249 L/min			
Pump Setting: 49.1 m			

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Continuous
11:00	0	22.61	0.00	Sample No.1
	1	24.89	2.28	
	2	26.06	3.45	
	3	26.61	4.00	
	4	26.91	4.30	
	5	27.11	4.50	
	6	27.25	4.64	
	7	27.38	4.77	
	8	27.47	4.86	
	9	27.57	4.96	
	10	27.66	5.05	
	12	27.77	5.16	
12:00	14	27.86	5.25	Sample No.2
	16	27.96	5.35	
	18	28.06	5.45	
	20	28.09	5.48	
	25	28.37	5.76	
	30	28.42	5.81	
	35	28.55	5.94	
	40	28.59	5.98	
	45	28.70	6.09	
	50	28.80	6.19	
	55	28.88	6.27	
	60	28.92	6.31	
13:00	70	29.05	6.44	Sample No.2
	80	29.15	6.54	
	90	29.25	6.64	
	100	29.36	6.75	
	110	29.41	6.80	
	120	29.44	6.83	

CONTINUOUS PUMPING TEST

Date : Dec. 15, 2000	Well No. : Location : S.W.L.(GL-) :	Liquica New 1 Liquica Maumet 22.61	Driller : Kamjan V Tone Eng.: Tanyaphol P Measured by: Narong K
Discharge : 500 L/min			
Pump Setting: 49.1 m			

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Continuous
14:00	150	29.69	7.08	Sample No.3
	180	29.86	7.25	
	210	29.99	7.38	
	240	30.10	7.49	
15:00	270	30.24	7.63	
	300	30.29	7.68	
	330	30.39	7.78	
	360	30.47	7.86	
17:00	420	30.67	8.06	
	480	30.81	8.20	
	540	30.96	8.35	
	600	31.06	8.45	
20:00	660	31.21	8.60	Sample No.4
	720	31.29	8.68	
	780	31.33	8.72	
	840	31.38	8.77	
1:00	900	31.47	8.86	Sample No.5
	960	31.52	8.91	
	1020	31.58	8.97	
	1080	31.70	9.09	
6:00	1140	31.74	9.13	Sample No.5
	1200	31.75	9.14	
	1260	31.78	9.17	
	1320	31.81	9.20	
11:00	1380	31.82	9.21	Sample No.6
	1440	31.82	9.21	

RECOVERY TEST

Date : Dec. 15, 2000	Well No. :	Liquica New 1	Driller : Kamjan V
Discharge : -	Location :	Liquica Maume	Tone Eng.: Tanyaphol P
Pump Setting: 49.1 m	S.W.L.(GL-):	22.61	Measured by: Narong K

Time (hr : min)	Time since Pump stop (min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Recovery
11:00	0	1440	31.82	9.21	
	1	1441	26.29	3.68	
	2	1442	24.06	1.45	
	3	1443	23.47	0.86	
	4	1444	23.32	0.71	
	5	1445	23.26	0.65	
	6	1446	23.22	0.61	
	7	1447	23.19	0.58	
	8	1448	23.17	0.56	
	9	1449	23.14	0.53	
	10	1450	23.13	0.52	
	12	1452	23.10	0.49	
12:00	14	1454	23.08	0.47	
	16	1456	23.06	0.45	
	18	1458	23.04	0.43	
	20	1460	23.03	0.42	
	25	1465	23.00	0.39	
	30	1470	22.98	0.37	
	35	1475	22.97	0.36	
	40	1480	22.96	0.35	
	45	1485	22.95	0.34	
	50	1490	22.94	0.33	
	55	1495	22.94	0.33	
	60	1500	22.92	0.31	
13:00	70	1510	22.90	0.29	
	80	1520	22.89	0.28	
	90	1530	22.88	0.27	
	100	1540	22.87	0.26	
	110	1550	22.86	0.25	
	120	1560	22.85	0.24	

Date : Dec. 15, 2000	Well No. :	Bidau New 1	Driller : Kamjan V
Discharge : -	Location :	Liquica, Maume	Tone Eng.: Tanyaphol P
Pump Setting: 49.1 m	S.W.L.(GL-):	22.61	Measured by: Narong K

Time (hr : min)	Time since Pump stop (min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Continuous
21:00		150	22.83	0.22	
		180	22.82	0.21	
		210	22.81	0.20	
22:00		240	22.80	0.19	
		270	22.77	0.16	
		300	22.76	0.15	
0:00		330	22.74	0.13	
		360	22.73	0.12	
		420	22.72	0.11	
3:00		480	22.72	0.11	
		540	22.71	0.10	
		600	22.69	0.08	
5:00		660	22.69	0.08	
		720	22.68	0.07	
		780	22.67	0.06	
8:00		840	22.66	0.05	
		900	22.65	0.04	
		960	22.63	0.02	
12:00		1020	22.63	0.02	
		1080	22.63	0.02	
		1140	22.62	0.01	
18:00		1200	22.61	0.00	
		1260	22.61	0.00	
		1320	22.61	0.00	
		1380	22.61	0.00	
		1440	22.61	0.00	

STEP DRAWDOWN PUMPINGTEST

Date : Dec. 20, 2000	Well No. :	Liquica New 2	Driller : Kamjan V
Discharge : 60 L/min	Location :	Liquica Maumet	Tone Eng.: Tanyaphol P
Pump Setting: 36.1 m	S.W.L.(GL-):	18.06	Measured by: Narong K

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Step 1
11:00	0	18.60	0.54	
	1	18.22	0.16	
	2	18.23	0.17	
	3	18.24	0.18	
	4	18.24	0.18	
	5	18.24	0.18	
	6	18.24	0.18	
	7	18.24	0.18	
	8	18.24	0.18	
	9	18.25	0.19	
	10	18.25	0.19	
	12	18.25	0.19	
12:00	14	18.25	0.19	
	16	18.25	0.19	
	18	18.25	0.19	
	20	18.25	0.19	
	25	18.25	0.19	
	30	18.25	0.19	
	35	18.25	0.19	
	40	18.25	0.19	
	45	18.25	0.19	
	50	18.25	0.19	
	55	18.25	0.19	
	60	18.25	0.19	
13:00	70	18.25	0.19	
	80	18.25	0.19	
	90	18.25	0.19	
	100	18.25	0.19	
	110	18.25	0.19	
	120	18.25	0.19	

STEP DRAWDOWN PUMPINGTEST

Date : Dec. 20, 2000	Well No. :	Liquica New 2	Driller : Kamjan V
Discharge : 120 L/min	Location :	Liquica Maumet	Tone Eng.: Tanyaphol P
Pump Setting: 36.1 m	S.W.L.(GL-):	18.06	Measured by: Narong K

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Step 2
13:00	0	18.25	0.19	
	1	18.35	0.29	
	2	18.36	0.30	
	3	18.36	0.30	
	4	18.36	0.30	
	5	18.37	0.31	
	6	18.37	0.31	
	7	18.37	0.31	
	8	18.38	0.32	
	9	18.38	0.32	
	10	18.38	0.32	
	12	18.38	0.32	
14:00	14	18.38	0.32	
	16	18.38	0.32	
	18	18.38	0.32	
	20	18.38	0.32	
	25	18.39	0.33	
	30	18.39	0.33	
	35	18.39	0.33	
	40	18.39	0.33	
	45	18.39	0.33	
	50	18.39	0.33	
	55	18.39	0.33	
	60	18.39	0.33	
15:00	70	18.39	0.33	
	80	18.39	0.33	
	90	18.39	0.33	
	100	18.39	0.33	
	110	18.40	0.34	
	120	18.40	0.34	

STEP DRAWDOWN PUMPINGTEST

Date : Dec. 20, 2000	Well No. :	Liquica New 2	Driller : Kamjan V
Discharge : 180 L/min	Location :	Liquica Maumet	Tone Eng.: Tanyaphol P
Pump Setting: 36.1 m	S.W.L.(GL-) :	18.06	Measured by: Narong K

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Step 3
15:00	0	18.40	0.34	Sampling
	1	18.53	0.47	
	2	18.53	0.47	
	3	18.53	0.47	
	4	18.53	0.47	
	5	18.54	0.48	
	6	18.54	0.48	
	7	18.54	0.48	
	8	18.54	0.48	
	9	18.54	0.48	
	10	18.54	0.48	
	12	18.54	0.48	
16:00	14	18.54	0.48	
	16	18.54	0.48	
	18	18.54	0.48	
	20	18.54	0.48	
	25	18.54	0.48	
	30	18.54	0.48	
	35	18.54	0.48	
	40	18.54	0.48	
	45	18.54	0.48	
	50	18.54	0.48	
	55	18.54	0.48	
	60	18.54	0.48	
17:00	70	18.54	0.48	Sampling
	80	18.54	0.48	
	90	18.54	0.48	
	100	18.54	0.48	
	110	18.54	0.48	
	120	18.54	0.48	

STEP DRAWDOWN PUMPINGTEST

Date : Dec. 20, 2000	Well No. :	Liquica New 2	Driller : Kamjan V
Discharge :	Location :	Liquica Maumet	Tone Eng.: Tanyaphol P
Pump Setting: 36.1 m	S.W.L.(GL-) :	18.06	Measured by: Narong K

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	

CONTINUOUS PUMPING TEST

Date : Dec. 21, 2000	Well No. : Location : S.W.L.(GL-) :	Liquica New 2 Liquica Maumet 18.06	Driller : Kamjan V Tone Eng.: Tanyaphol P Measured by: Narong K
Discharge : Pump Setting:	180 L/min 36.1 m		

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Continuous
11:00	0	18.06	0.00	Sample No.1
	1	18.50	0.44	
	2	18.51	0.45	
	3	18.51	0.45	
	4	18.52	0.46	
	5	18.53	0.47	
	6	18.53	0.47	
	7	18.53	0.47	
	8	18.53	0.47	
	9	18.53	0.47	
	10	18.53	0.47	
	12	18.54	0.48	
12:00	14	18.54	0.48	Sample No.2
	16	18.54	0.48	
	18	18.54	0.48	
	20	18.54	0.48	
	25	18.55	0.49	
	30	18.55	0.49	
	35	18.55	0.49	
	40	18.56	0.50	
	45	18.56	0.50	
	50	18.56	0.50	
	55	18.56	0.50	
	60	18.56	0.50	
13:00	70	18.56	0.50	Sample No.2
	80	18.56	0.50	
	90	18.56	0.50	
	100	18.57	0.51	
	110	18.57	0.51	
	120	18.57	0.51	

CONTINUOUS PUMPING TEST

Date : Dec. 21, 2000	Well No. : Location : S.W.L.(GL-) :	Liquica New 2 Liquica Maumet 18.06	Driller : Kamjan V Tone Eng.: Tanyaphol P Measured by: Narong K
Discharge : Pump Setting:	180 L/min 36.1 m		

Time (hr : min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Continuous
14:00	150	18.57	0.51	Sample No.3
	180	18.57	0.51	
	210	18.57	0.51	
	240	18.57	0.51	
	270	18.57	0.51	
	300	18.57	0.51	
15:00	330	18.57	0.51	Sample No.3
	360	18.57	0.51	
	420	18.57	0.51	
	480	18.57	0.51	
	540	18.57	0.51	
	600	18.57	0.51	
20:00	660	18.57	0.51	Sample No.4
	720	18.57	0.51	
	780	18.57	0.51	
	840	18.57	0.51	
	900	18.57	0.51	
	960	18.57	0.51	
22-Dec-00 1:00	1020	18.57	0.51	Sample No.5
	1080	18.57	0.51	
	1140	18.57	0.51	
	1200	18.57	0.51	
	1260	18.57	0.51	
	1320	18.57	0.51	
6:00	1380	18.57	0.51	Sample No.6
	1440	18.57	0.51	

RECOVERY TEST

Date : Dec. 22, 2000	Well No. :	Liquica New 2	Driller : Kamjan V
Discharge : -	Location :	Liquica Maume	Tone Eng.: Tanyaphol P
Pump Setting: 36.1 m	S.W.L.(GL-):	18.06	Measured by: Narong K

Time (hr : min)	Time since Pump stop (min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Recovery
11:00	0	1440	18.57	0.51	
	1	1441	18.26	0.20	
	2	1442	18.22	0.16	
	3	1443	18.21	0.15	
	4	1444	18.19	0.13	
	5	1445	18.18	0.12	
	6	1446	18.18	0.12	
	7	1447	18.17	0.11	
	8	1448	18.17	0.11	
	9	1449	18.16	0.10	
	10	1450	18.16	0.10	
	12	1452	18.15	0.09	
	14	1454	18.14	0.08	
	16	1456	18.14	0.08	
	18	1458	18.14	0.08	
	20	1460	18.13	0.07	
	25	1465	18.12	0.06	
	30	1470	18.12	0.06	
	35	1475	18.11	0.05	
	40	1480	18.11	0.05	
	45	1485	18.11	0.05	
	50	1490	18.10	0.04	
	55	1495	18.10	0.04	
	60	1500	18.10	0.04	
	70	1510	18.10	0.04	
	80	1520	18.09	0.03	
	90	1530	18.09	0.03	
	100	1540	18.09	0.03	
	110	1550	18.09	0.03	
	120	1560	18.08	0.02	

Dec. 22, 2000	Well No. :	Bidau New 2	Driller : Kamjan V
Discharge : -	Location :	Liquica Maume	Tone Eng.: Tanyaphol P
Pump Setting: 36.1 m	S.W.L.(GL-):	18.06	Measured by: Narong K

Time (hr : min)	Time since Pump stop (min)	Elapsed Time (min)	Water Level GL - (m)	Drawdown (m)	Continuous
14:00		150	18.08	0.02	
		180	18.08	0.02	
		210	18.08	0.02	
		240	18.07	0.01	
15:00		270	18.07	0.01	
		300	18.07	0.01	
		330	18.07	0.01	
		360	18.07	0.01	
16:00		420	18.07	0.01	
		480	18.07	0.01	
		540	18.07	0.01	
		600	18.06	0.00	
17:00		660	18.06	0.00	
		720	18.06	0.00	
		780	18.06	0.00	
		840	18.06	0.00	
23:00		900	18.06	0.00	
		960	18.06	0.00	
		1020	18.06	0.00	
		1080	18.06	0.00	
6:00		1140	18.06	0.00	
		1200	18.06	0.00	
		1260	18.06	0.00	
		1320	18.06	0.00	
8:00		1380	18.06	0.00	
		1440	18.06	0.00	
11:00					