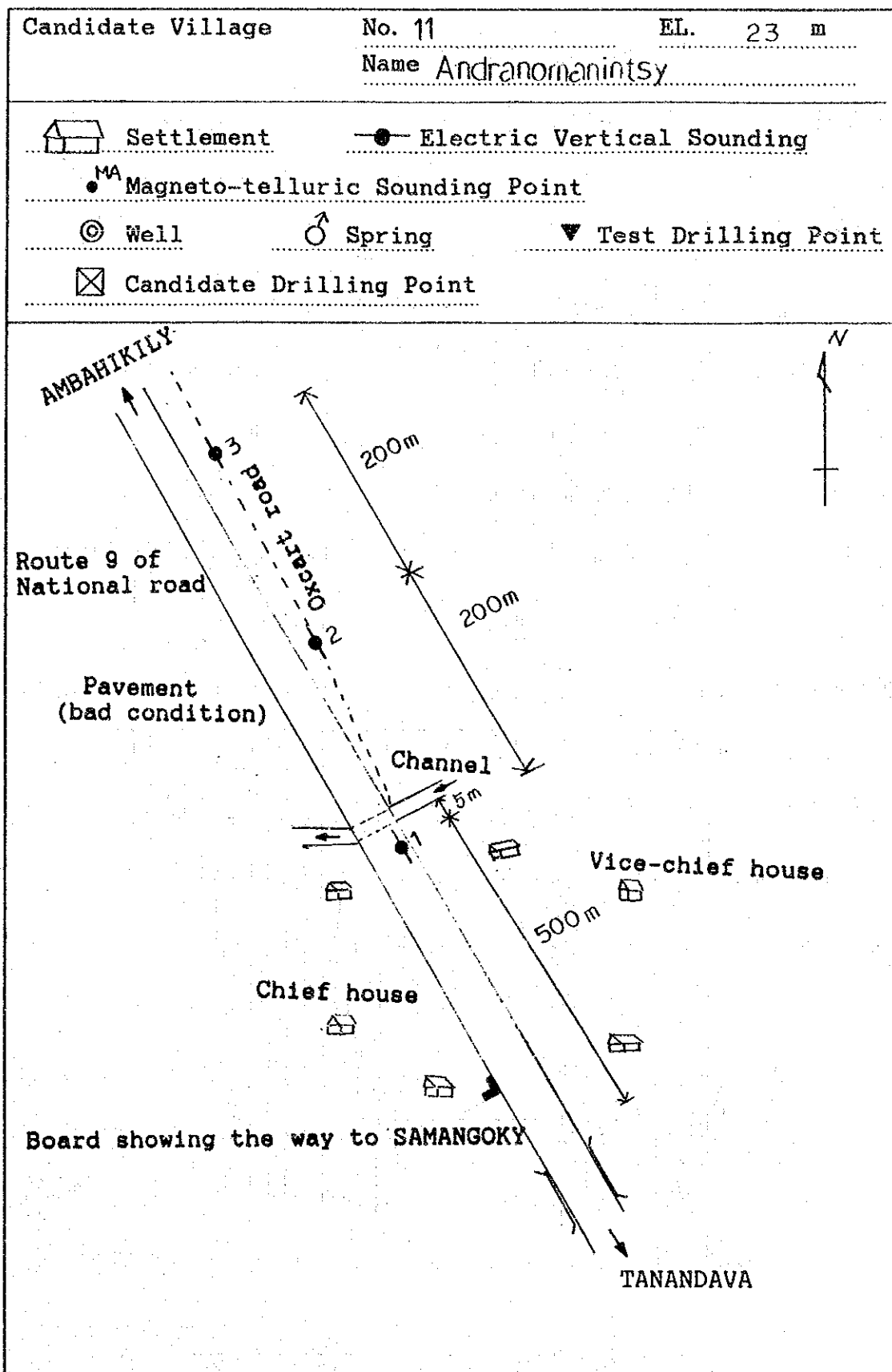


The Locations of Investigation & The Topographical Feature

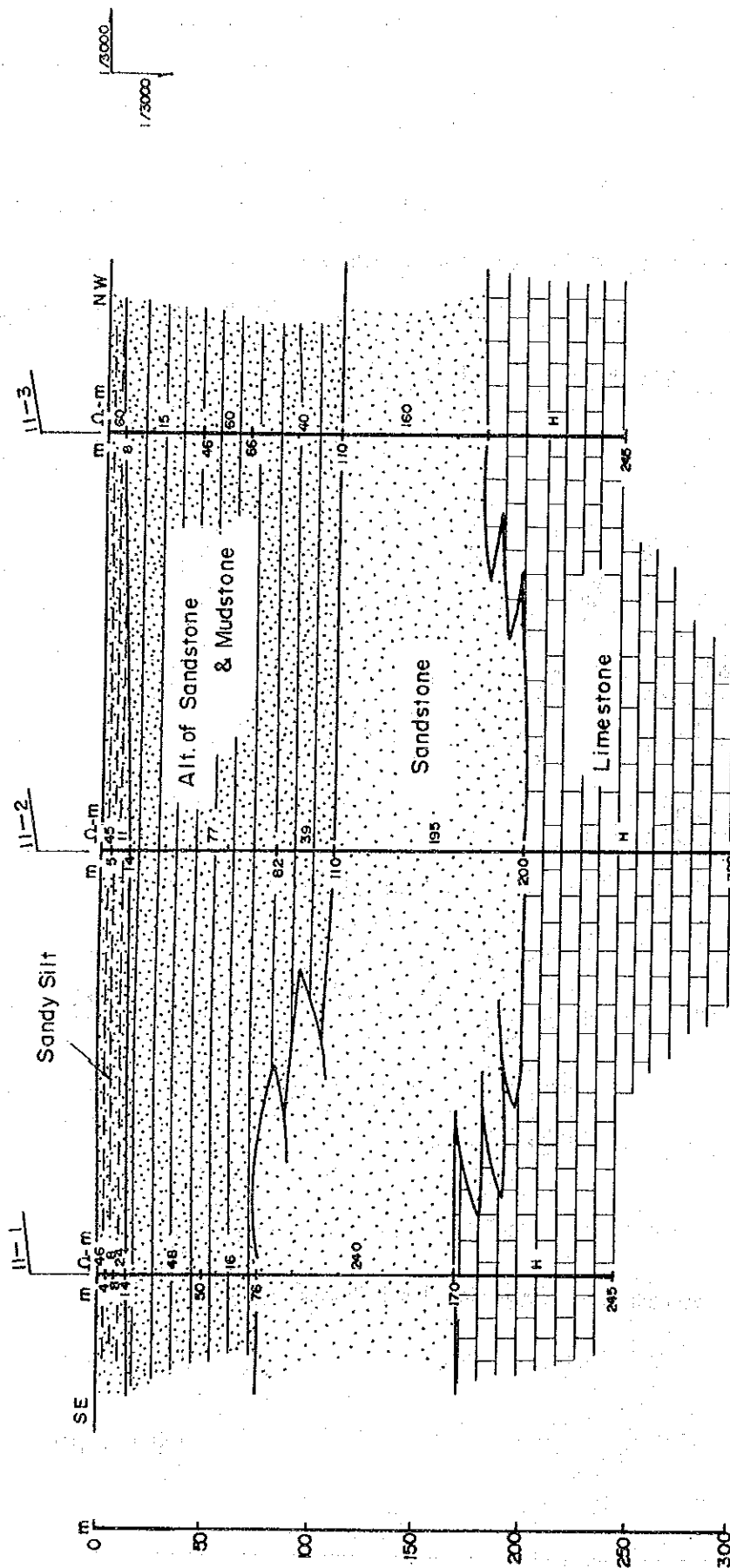


23-6-90

No. 11

Andranamanitsy








EL=23 m

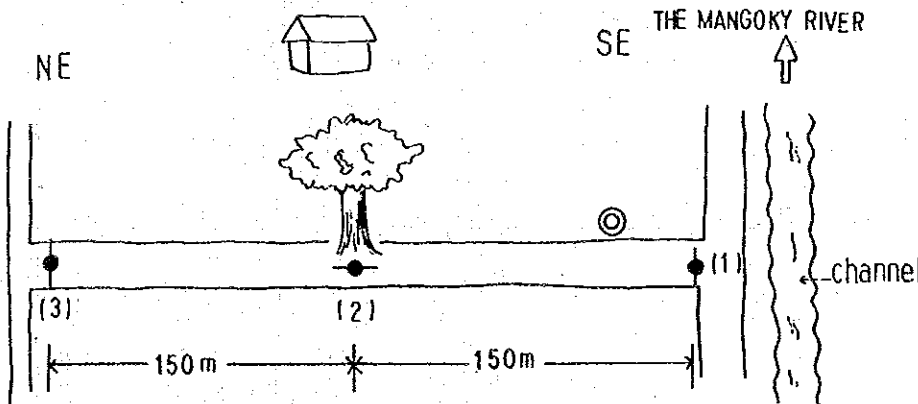


Hydrogeological Section of Andranamanitsy Area (II)

The Locations of Investigation & The Topographical Feature

Candidate Village	No. 13	EL. 30 m
	Name Tanandava	

 Settlement	 Electric Vertical Sounding	
 MA Magneto-telluric Sounding Point		
 Well	 Spring	 Test Drilling Point
 Candidate Drilling Point		



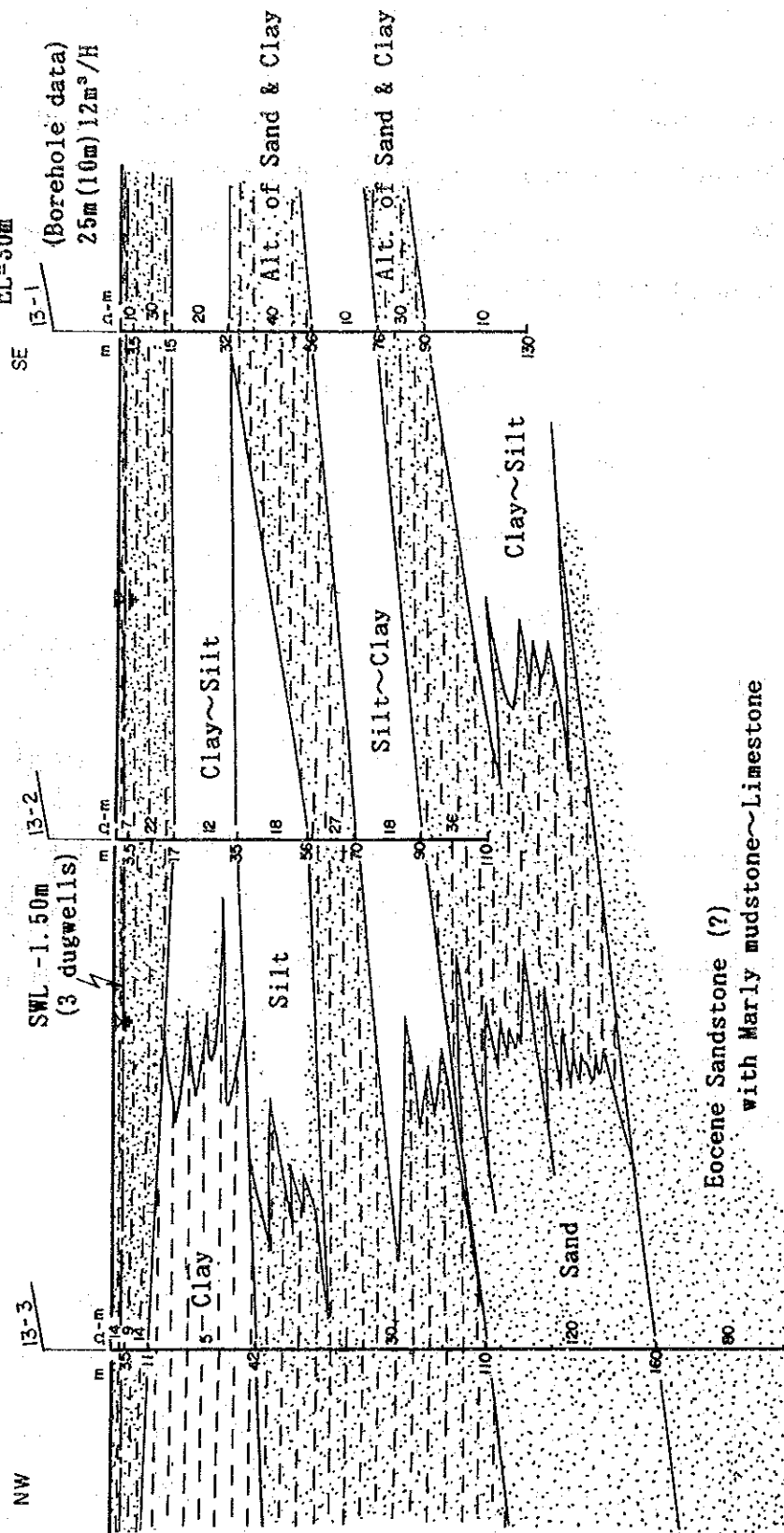
8-11, 1989

No. 13

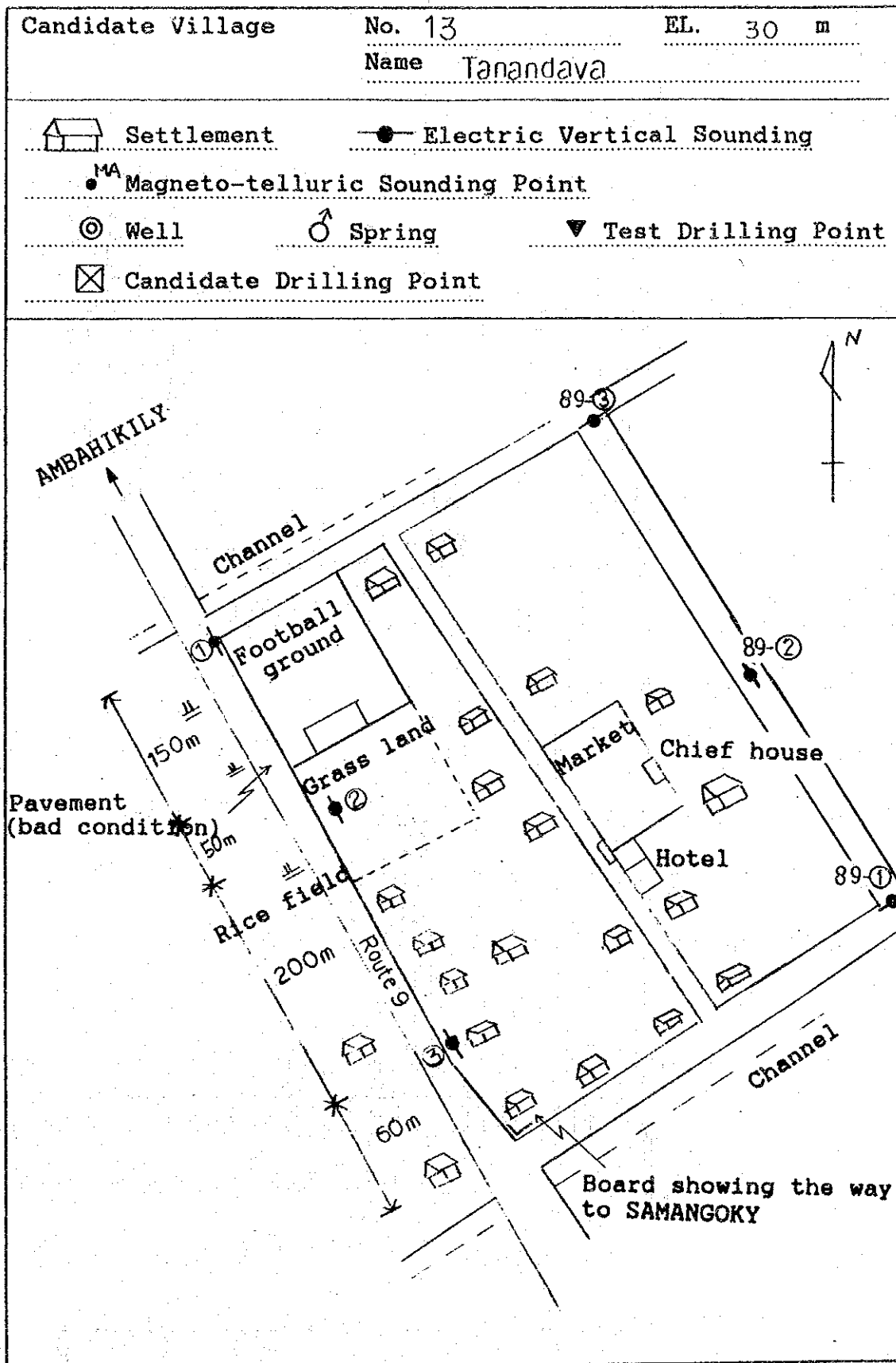
Tanandava

EL=30m

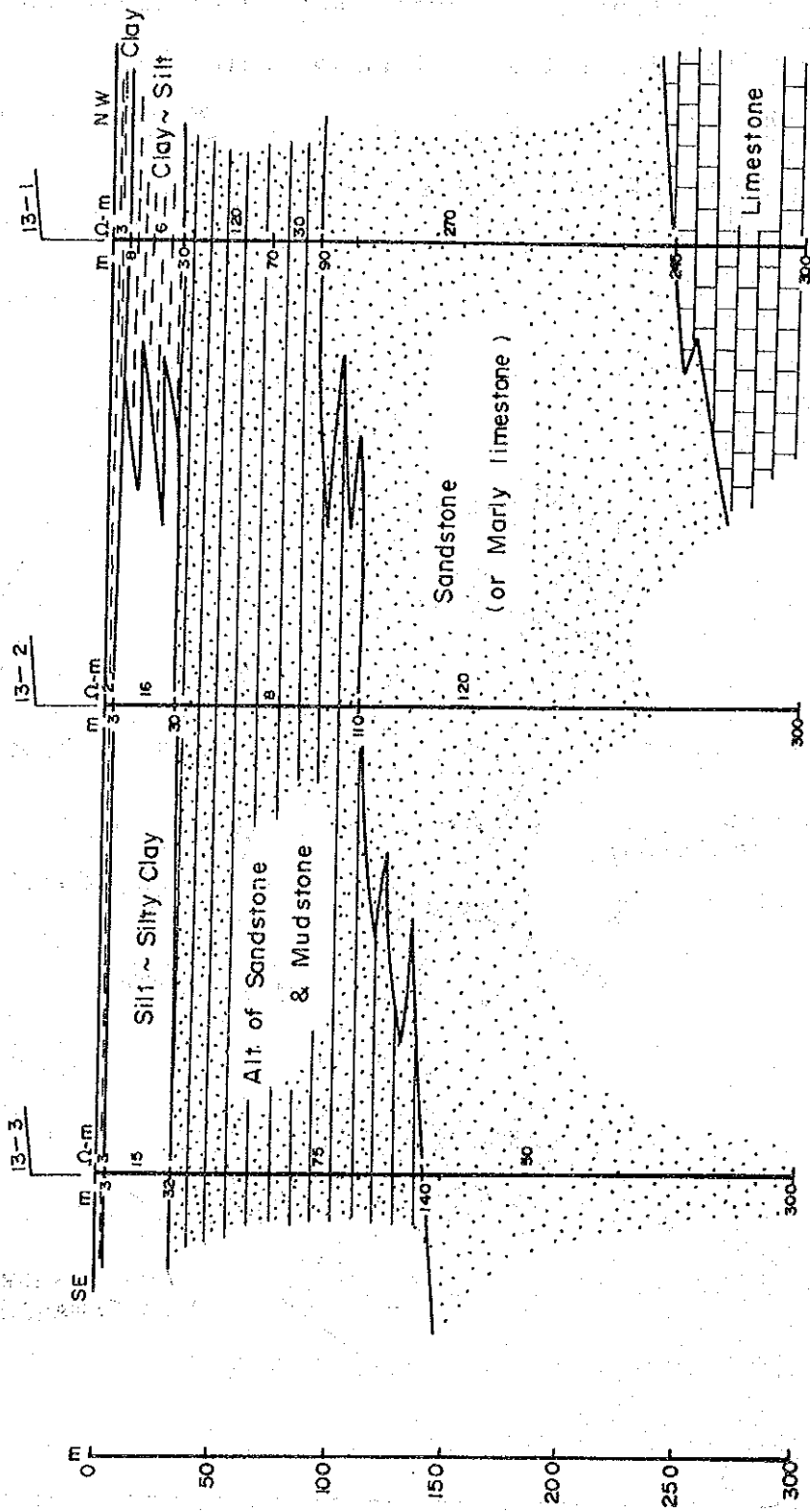
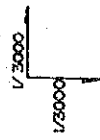
1/2000
1/2000



The Locations of Investigation & The Topographical Feature

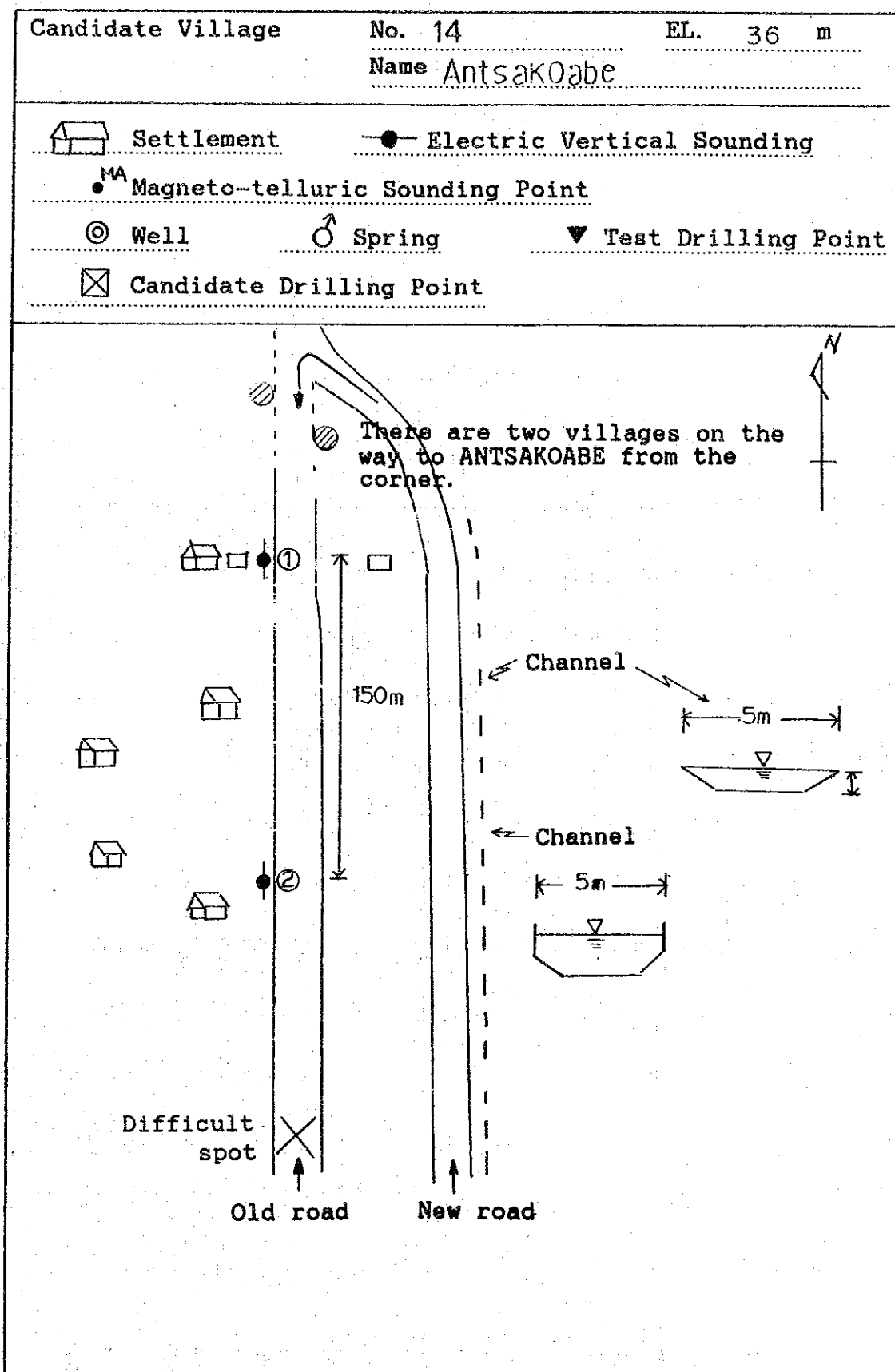


22-6-90
 No. 13
 Tanandava
 EL = 30 m



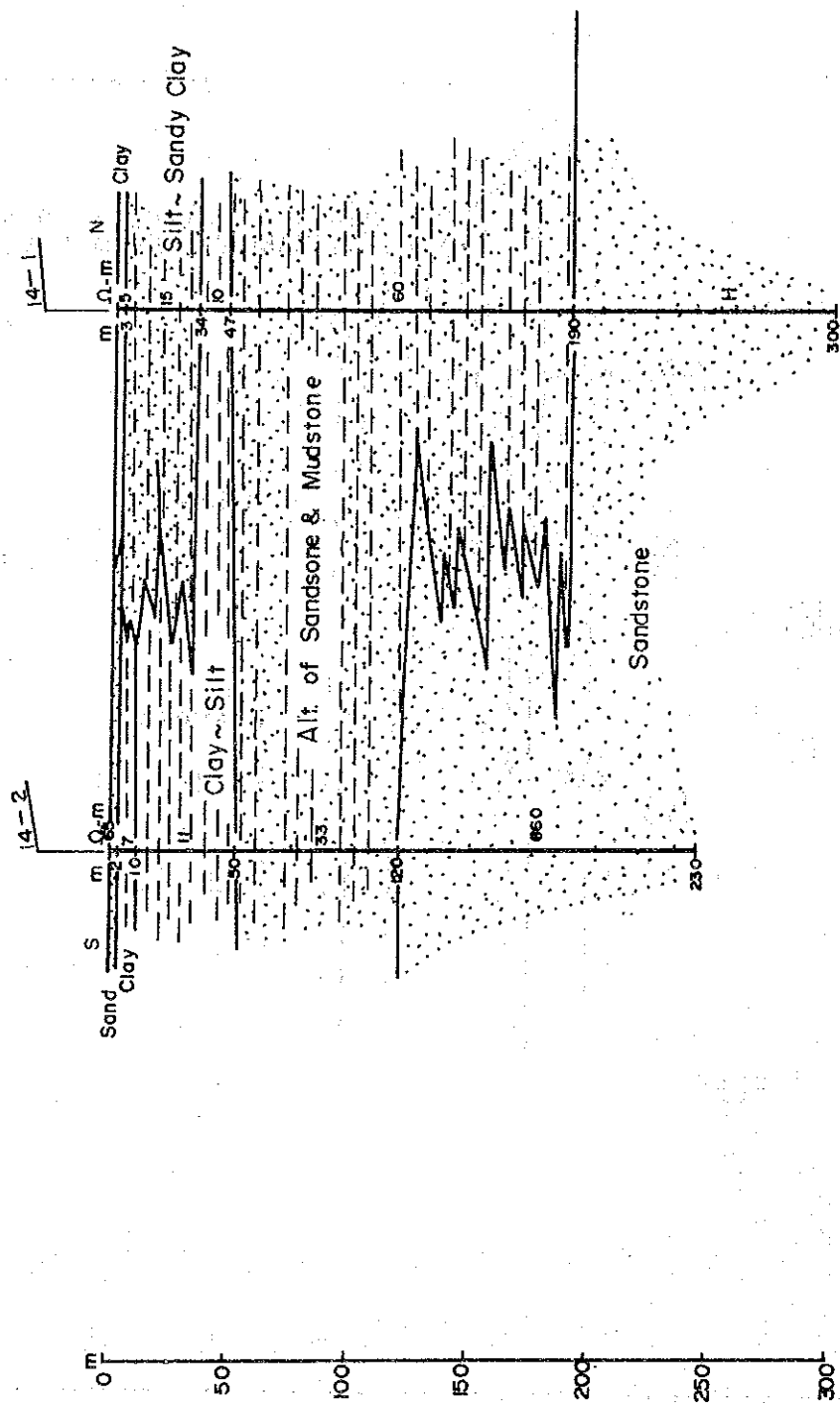
Hydrogeological Section Tanandava Area (13)

The Locations of Investigation & The Topographical Feature



21- 6- 90
 No. 14
 Antsakodbe
 EL= 36 m








1/2000
 1/3000

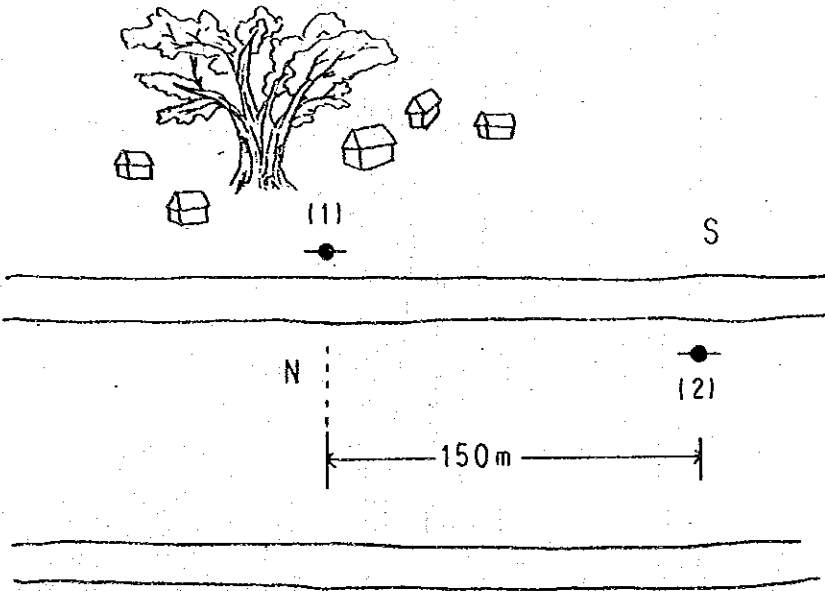


Hydrogeological Section of Antsakodbe Area (14)

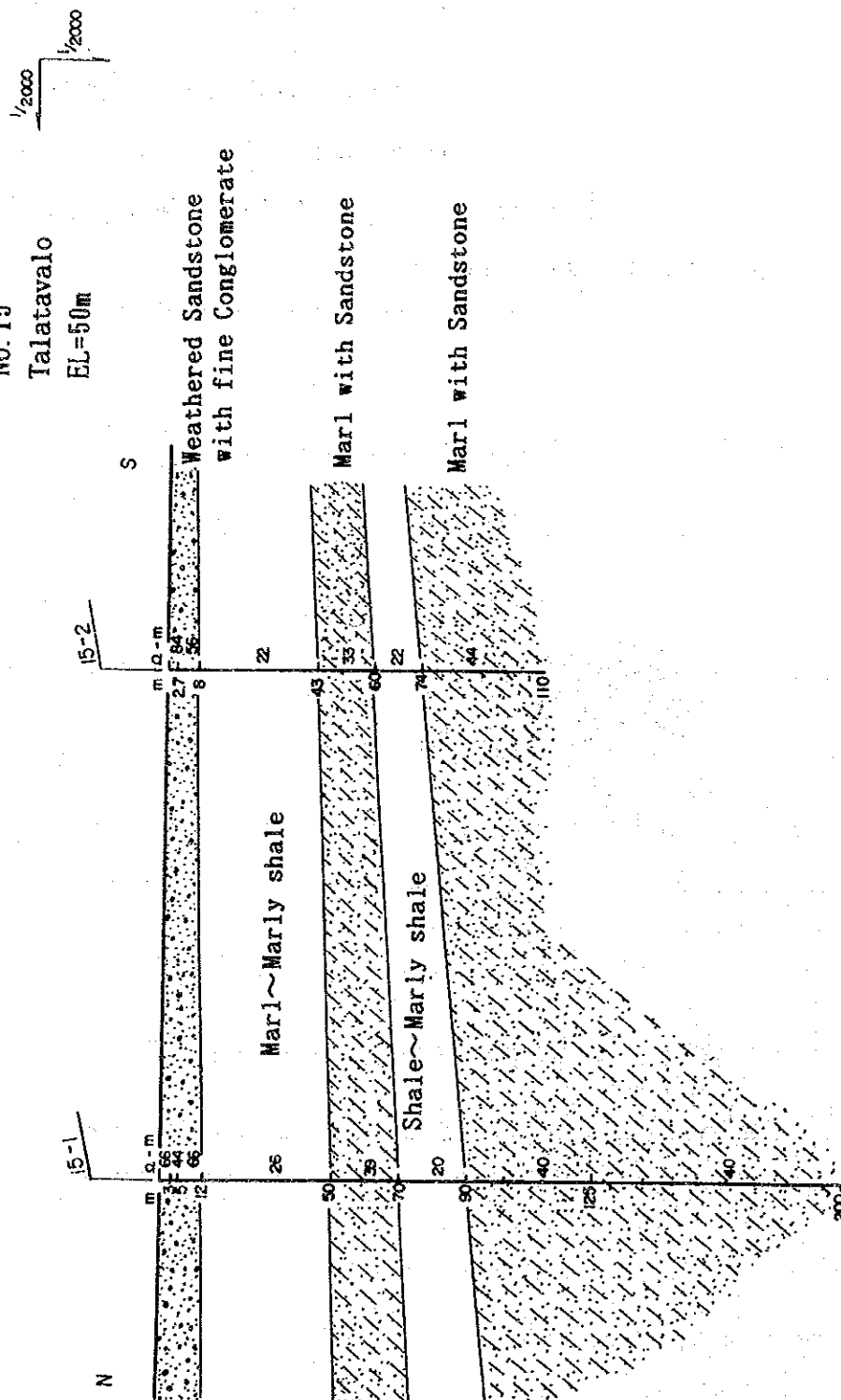
The Locations of Investigation & The Topographical Feature

Candidate Village	No. 15	EL. 50 m
	Name Talatavalo	

 Settlement  Magneto-telluric Sounding Point  Well  Candidate Drilling Point	 Electric Vertical Sounding  Spring	 Test Drilling Point
---	--	---










EL=50m




Hydrogeological Section of Talatavalo Area (15)

The Locations of Investigation & The Topographical Feature

Candidate Village	No. 16	EL. 51 m
	Name Ambiky	

 Settlement	 Electric Vertical Sounding	
 Magneto-telluric Sounding Point		
 Well	 Spring	 Test Drilling Point
 Candidate Drilling Point		

Dug well D=6~7m
(Slightly saline)




Bar


the end of village


←100m→

Primary school




Eucalyptus







Meeting place



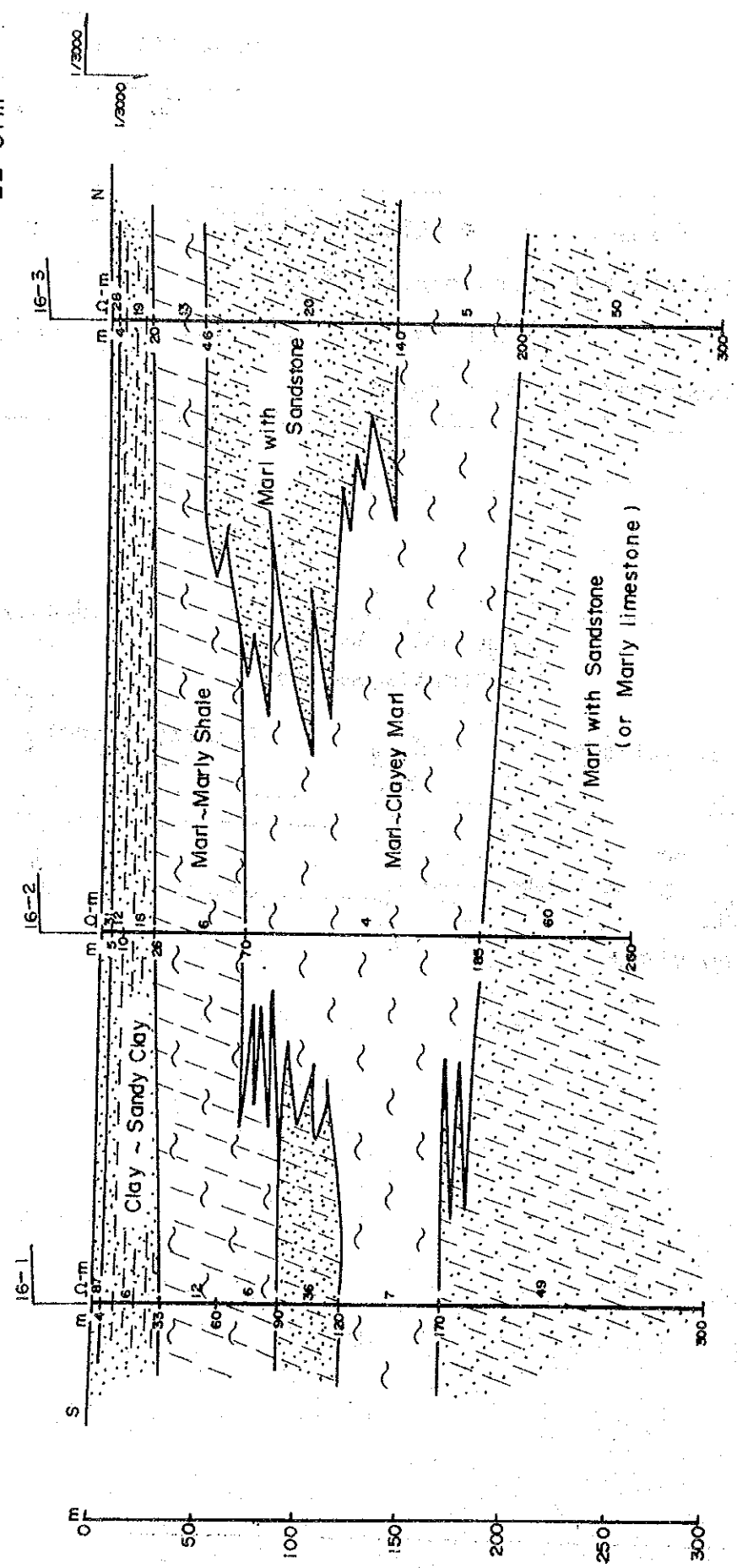
180m



300m



25-6-90
No. 16
Ambiky
EL=51m



Hydrogeological Section of Ambiky Area (16)

The Locations of Investigation & The Topographical Feature

Candidate Village	No. 17	EL. 74 m
Name Marovato		

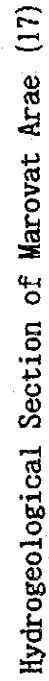
Settlement	Electric Vertical Sounding	
Magneto-telluric Sounding Point		
Well	Spring	Test Drilling Point
Candidate Drilling Point		

S

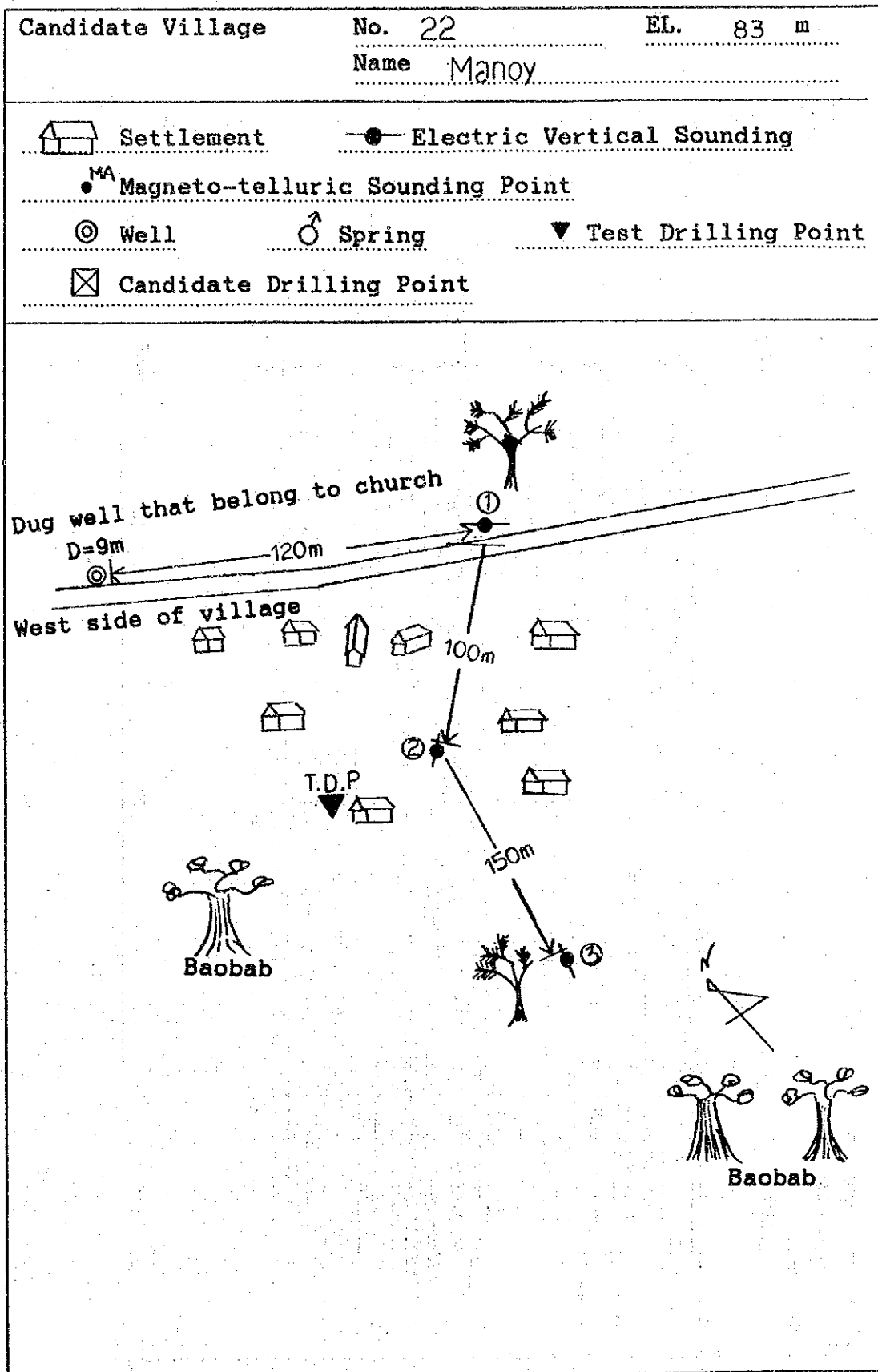
N

All season (Spring point
is a boundary of basement rock
and weathered)

EL=74m



The Locations of Investigation & The Topographical Feature

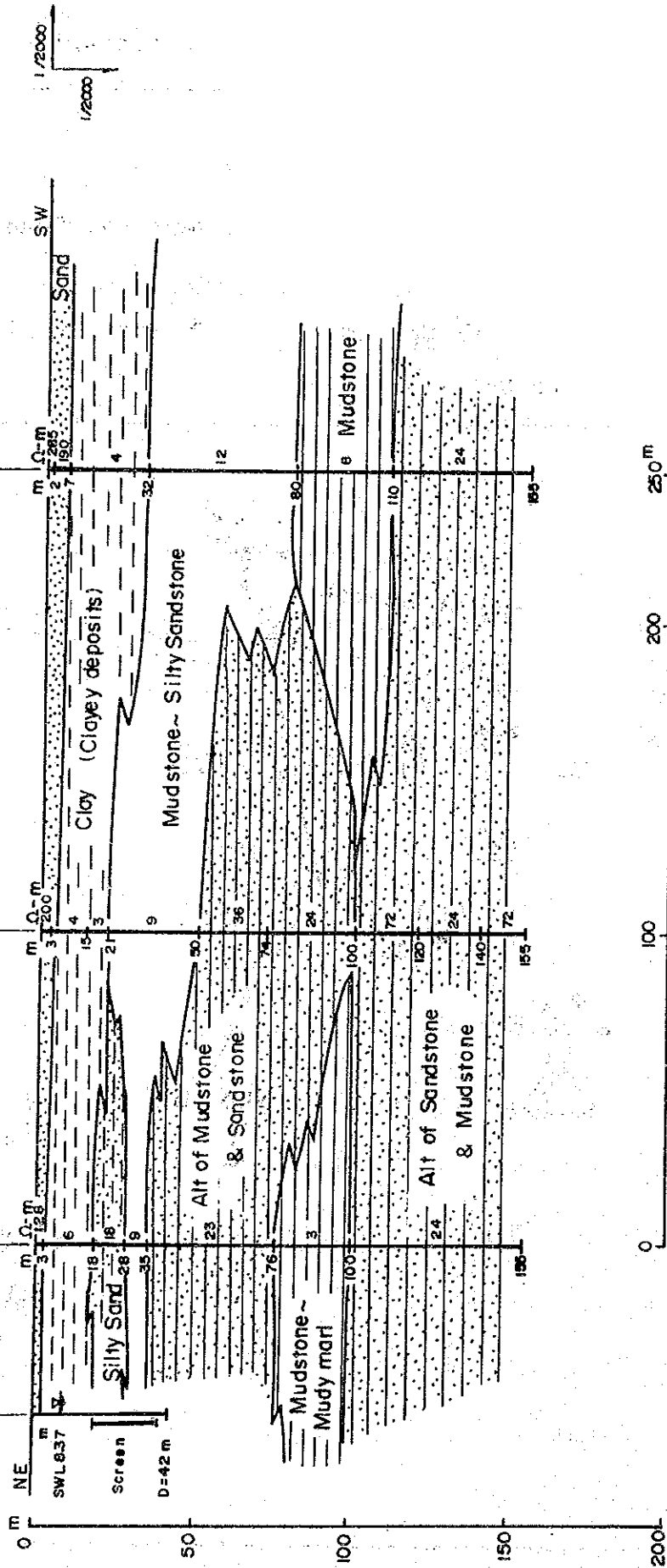


Aquifer

medium-coarse Sandstone
& Small gravely Sandstone

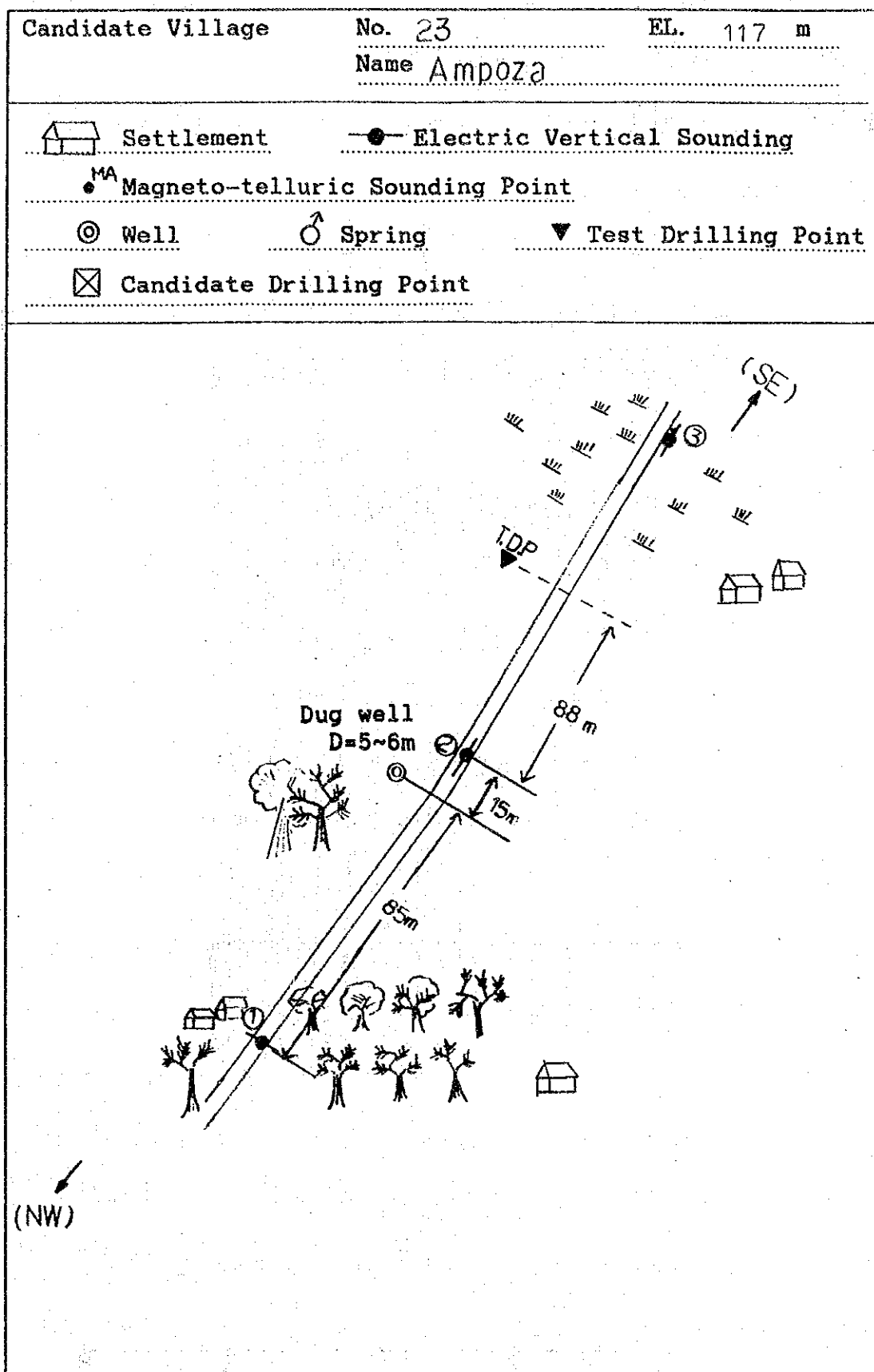
Q = 280 L/min

T/Drilling

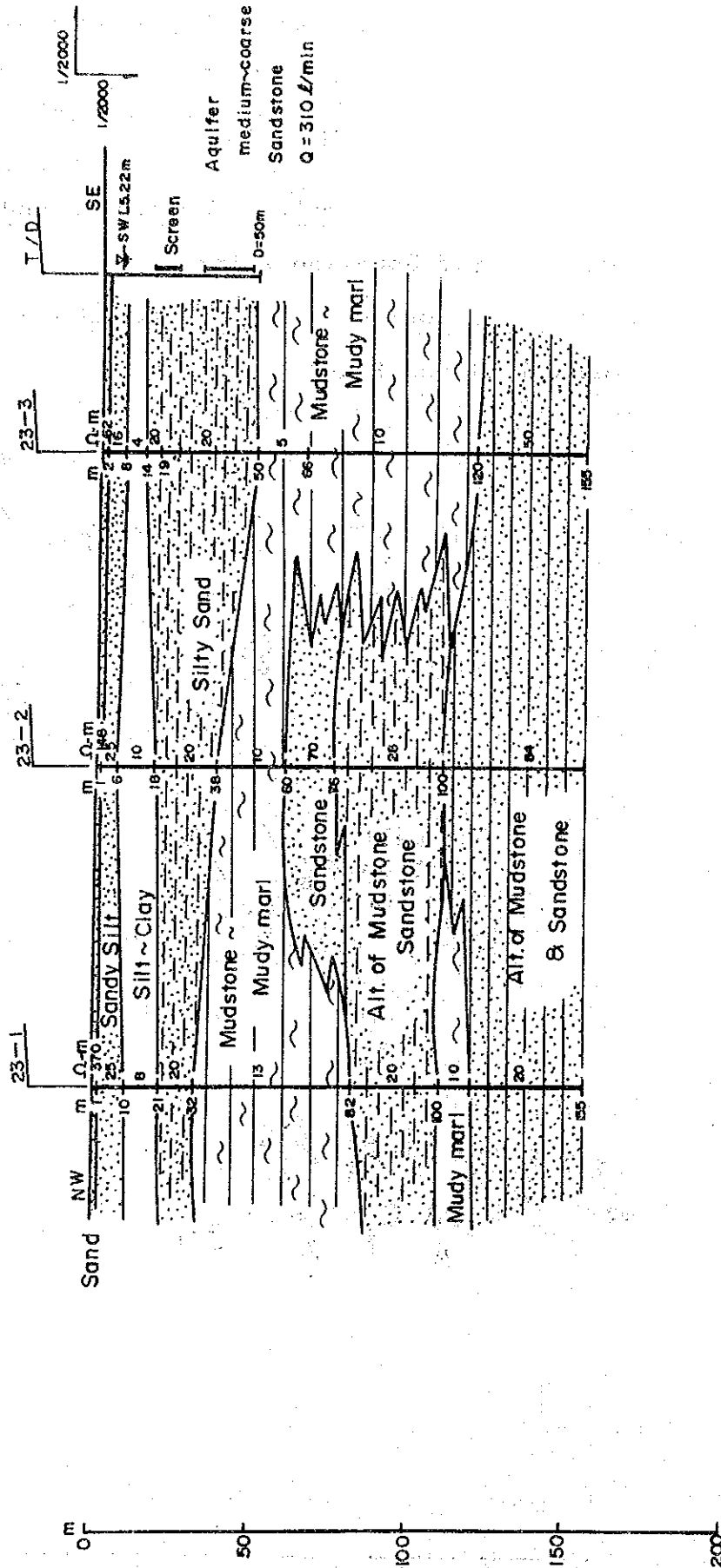


Hydrogeological Section of Manoy Area (22)

The Locations of Investigation & The Topographical Feature










23-6-90
No. 23
Ampoza
EL = 117 m



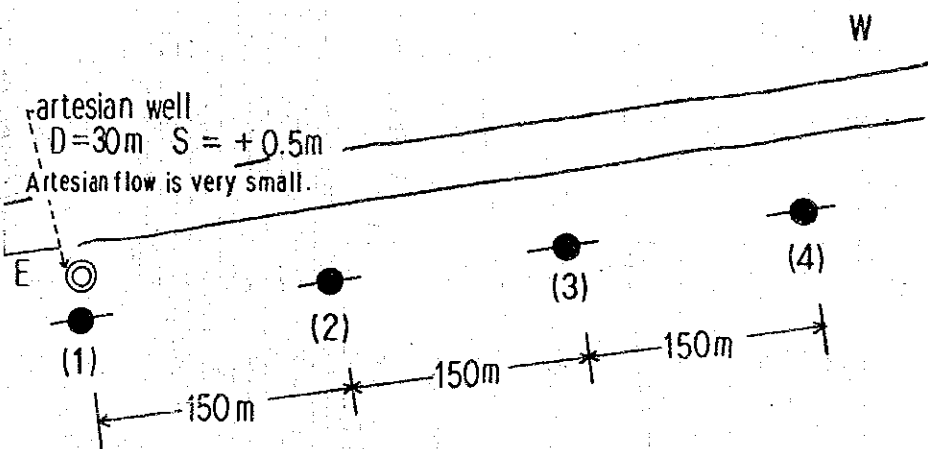
Hydrogeological Section of Ampoza Area (23)

The Locations of Investigation & The Topographical Feature

Candidate Village	No. 25	EL. 133 m
	Name Sihanaka alluvial fan	

 Settlement	 Electric Vertical Sounding	
 MA Magneto-telluric Sounding Point		
 Well	 Spring	 Test Drilling Point
 Candidate Drilling Point		

(Part I)



The diagram illustrates a geological cross-section. A well, labeled 'E' and 'artesian well', is located on the left. It has a diameter $D=30m$ and a water level $S = +0.5m$. A note states 'Artesian flow is very small.' To the right of the well, four sounding points are marked with dots and labeled (1), (2), (3), and (4). The distances between these points are marked as 150m. A line labeled 'W' is shown above the points, likely representing a water table or a geological boundary.

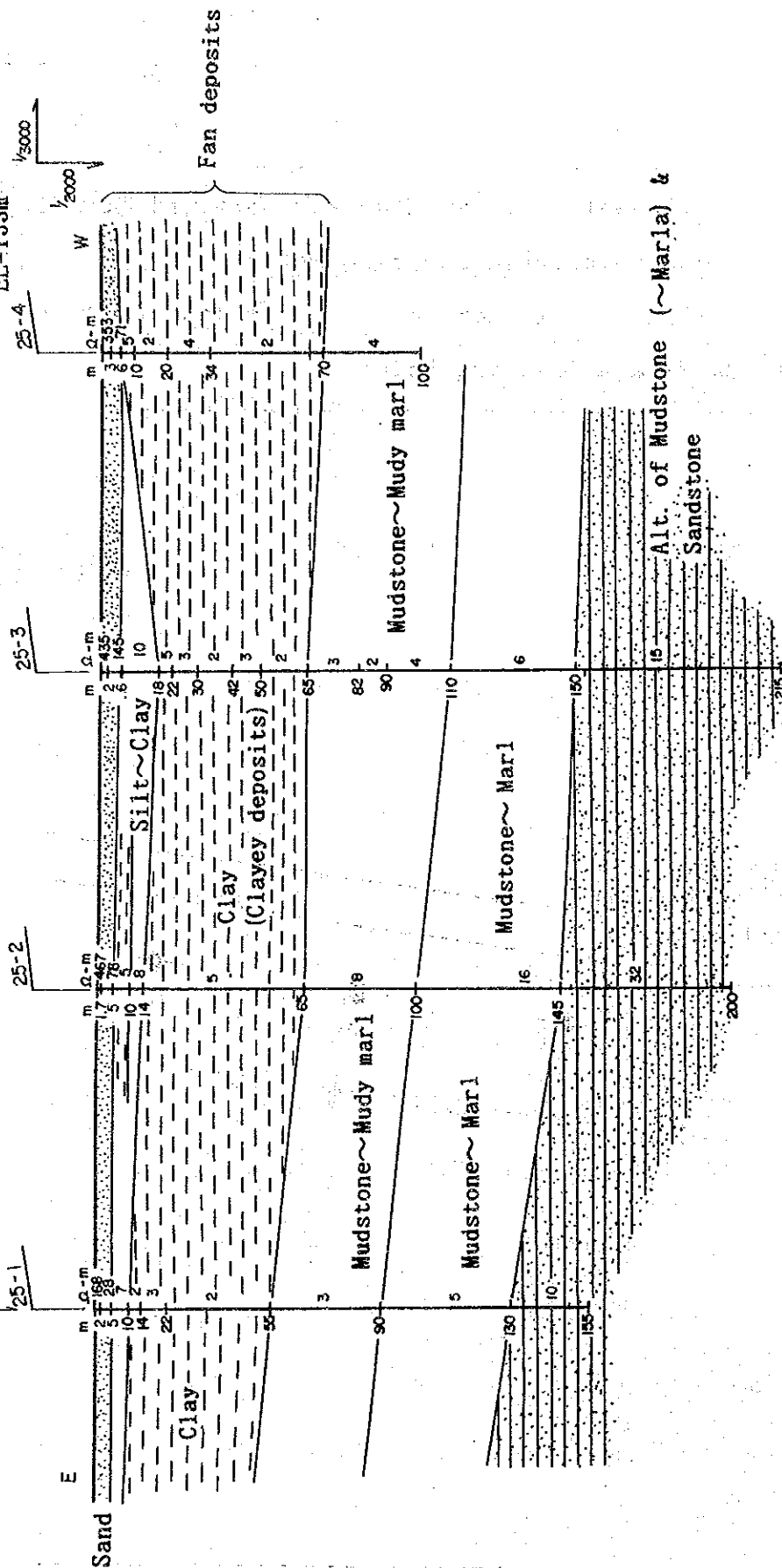
9-11, 1989

No. 25

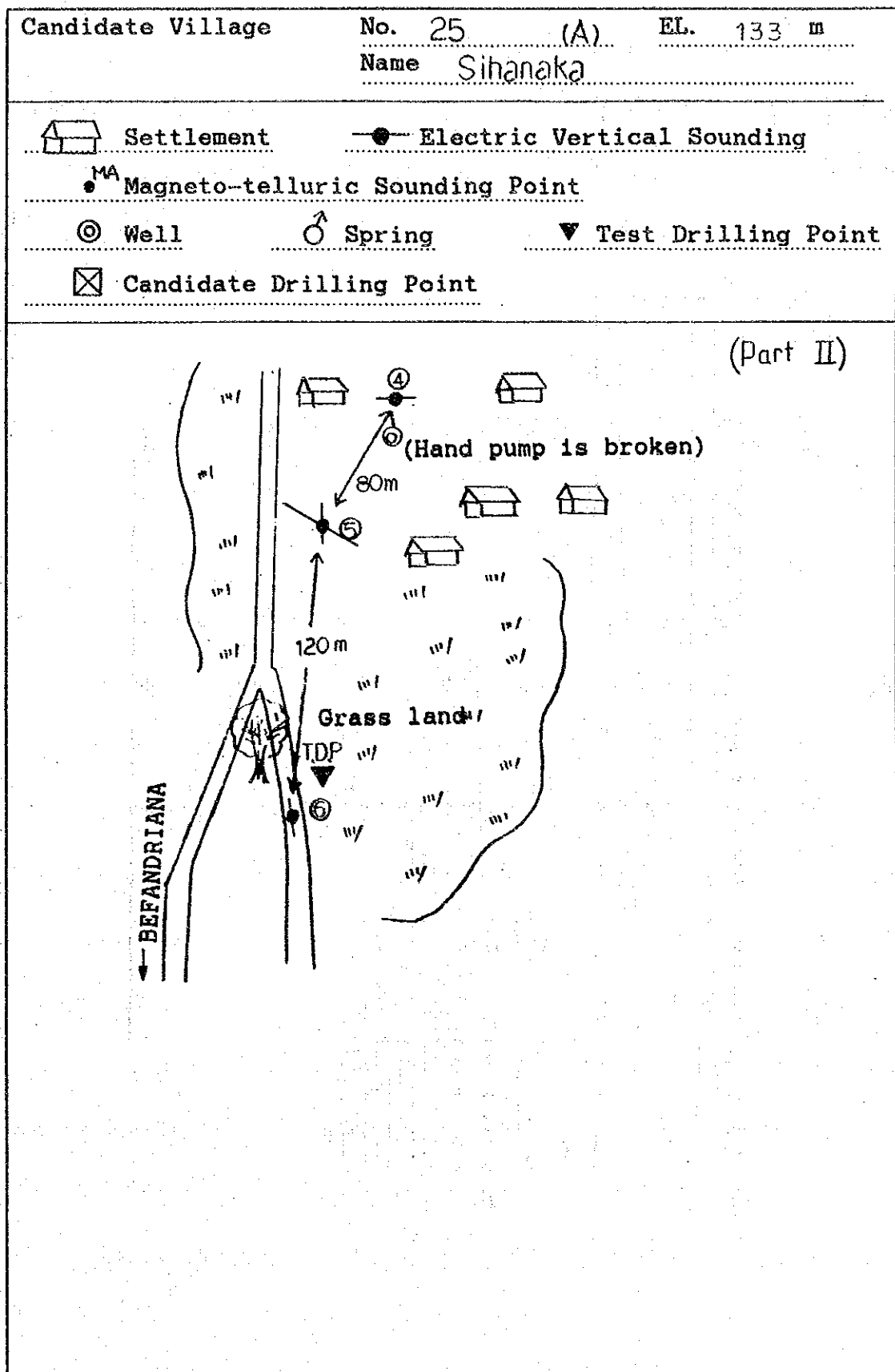
Sihanaka

EL=133m

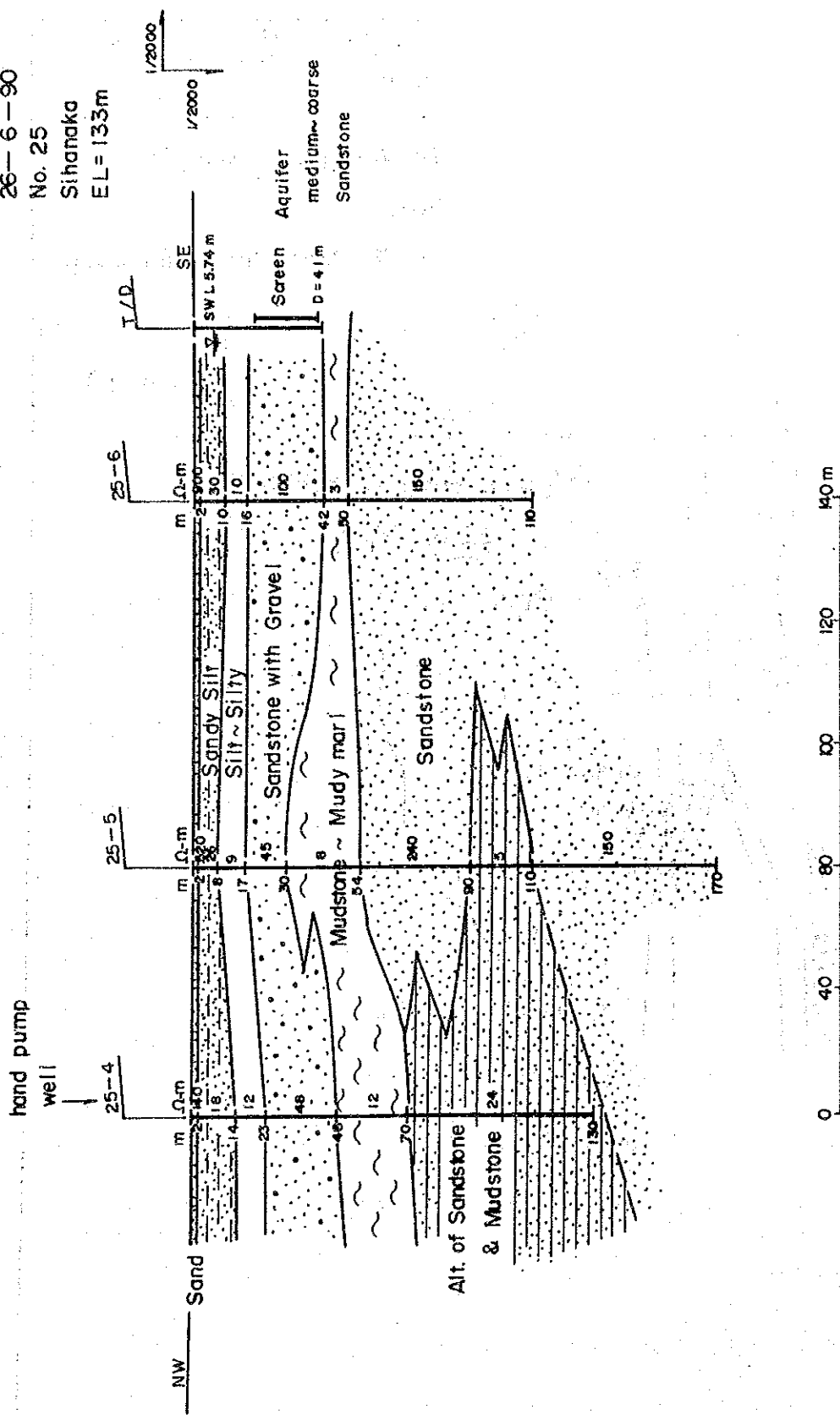
Borehole for oil exploration



The Locations of Investigation & The Topographical Feature










26-6-90
No. 25
Sihanaka
EL = 133m

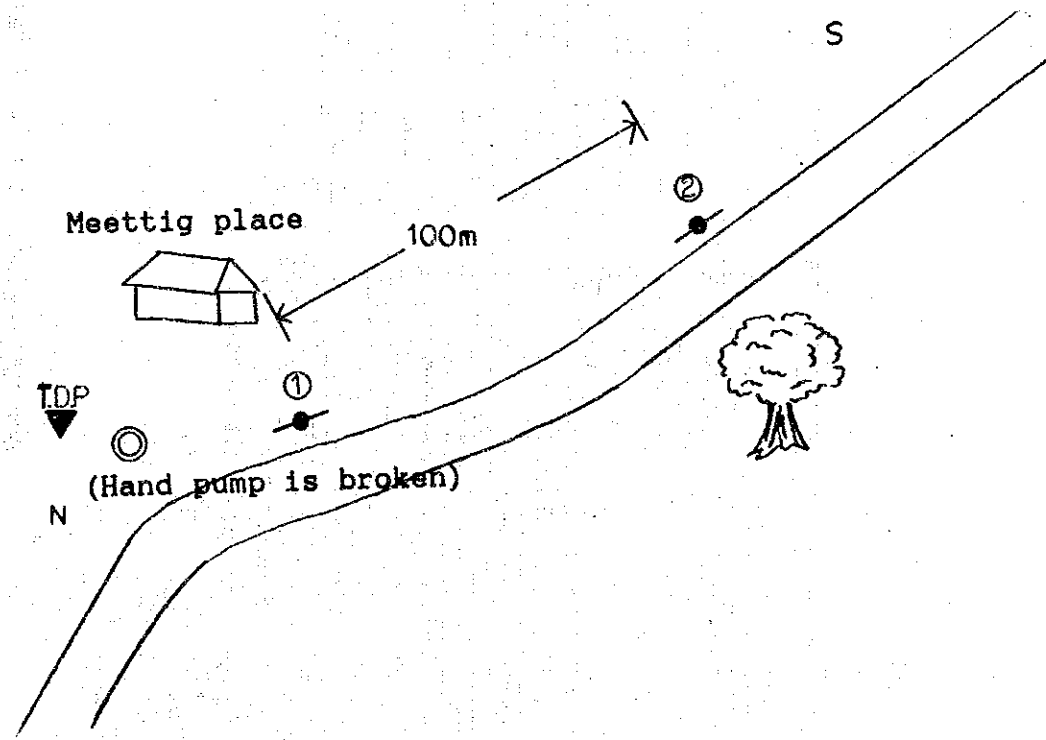


Hydrogeological Section of Sihanaka Area (25) Part II

The Locations of Investigation & The Topographical Feature

Candidate Village	No. 27	EL. 105 m
	Name Basibasy	

 Settlement	 Electric Vertical Sounding	
 MA Magneto-telluric Sounding Point		
 Well	 Spring	 Test Drilling Point
 Candidate Drilling Point		



Meettig place

100m

①

②

TDP

N (Hand pump is broken)

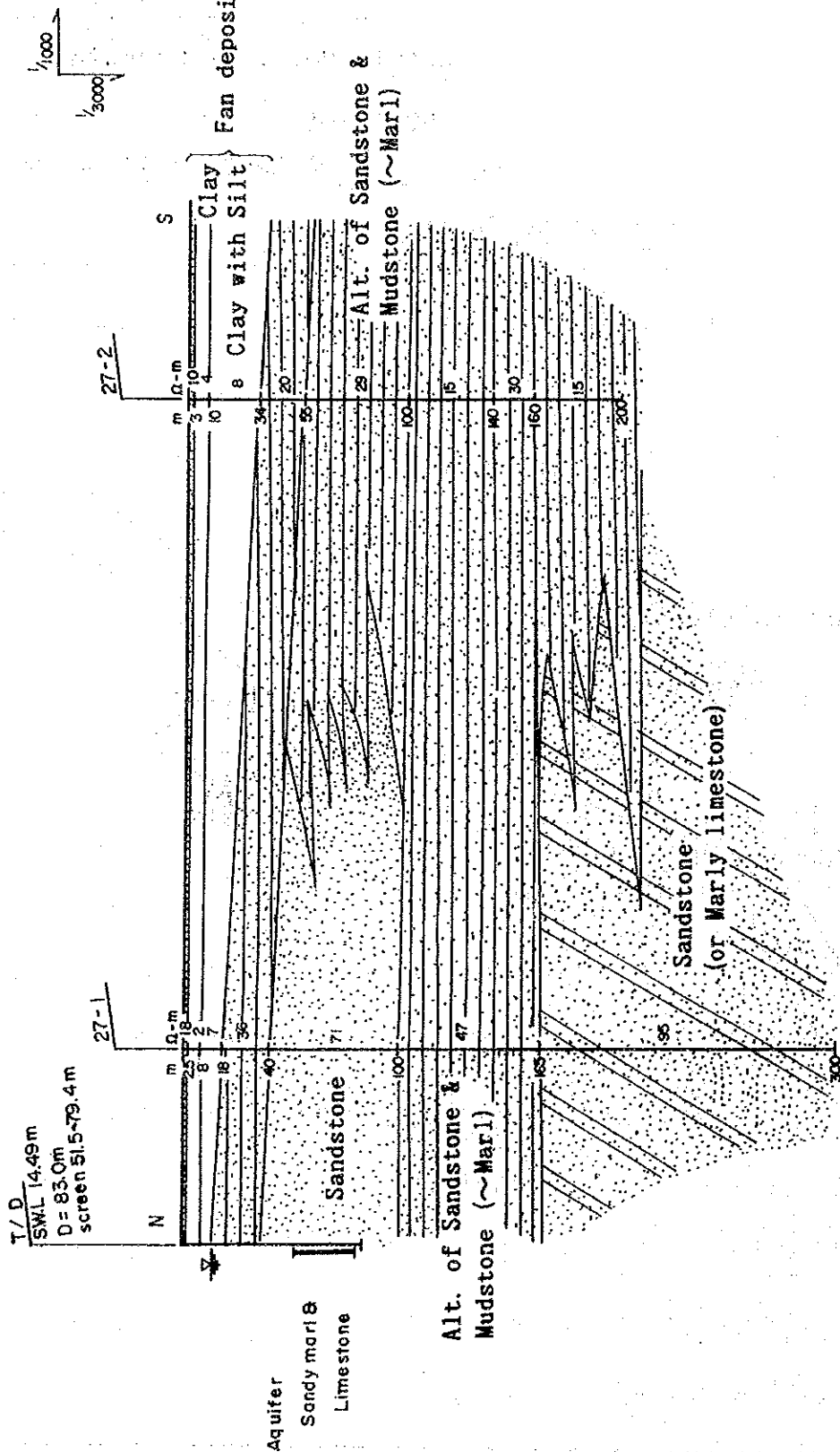
S

10-11-1989

No. 27

Basibasy








EL=105m



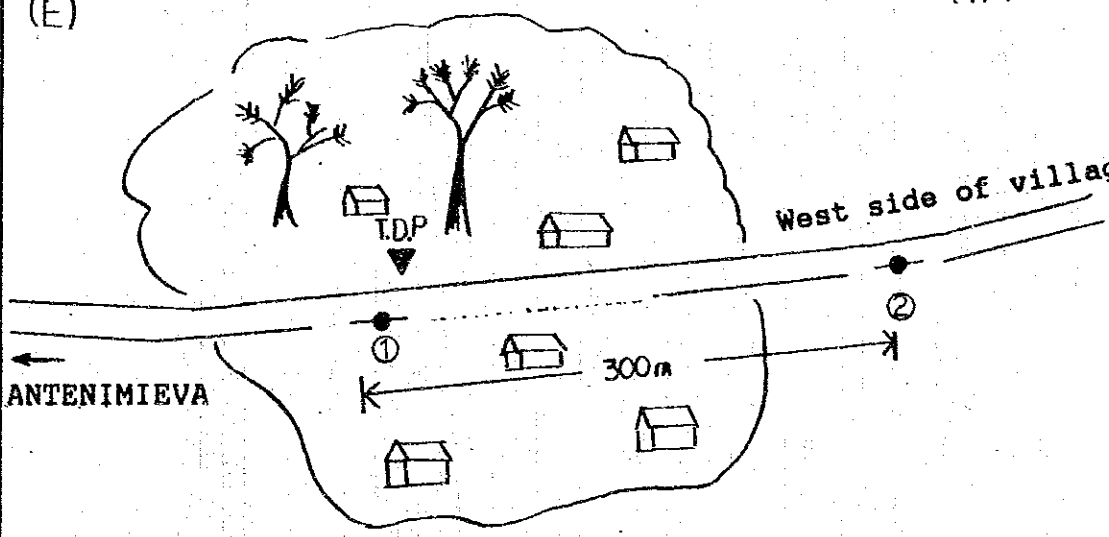
Hydrogeological Section of Basibasy Area (27)

The Locations of Investigation & The Topographical Feature

Candidate Village	No. 28	EL. 164 m
	Name Analatelo	

 Settlement  Magneto-telluric Sounding Point  Well  Spring  Candidate Drilling Point	 Electric Vertical Sounding  Test Drilling Point	
---	---	--

(E)
(W)

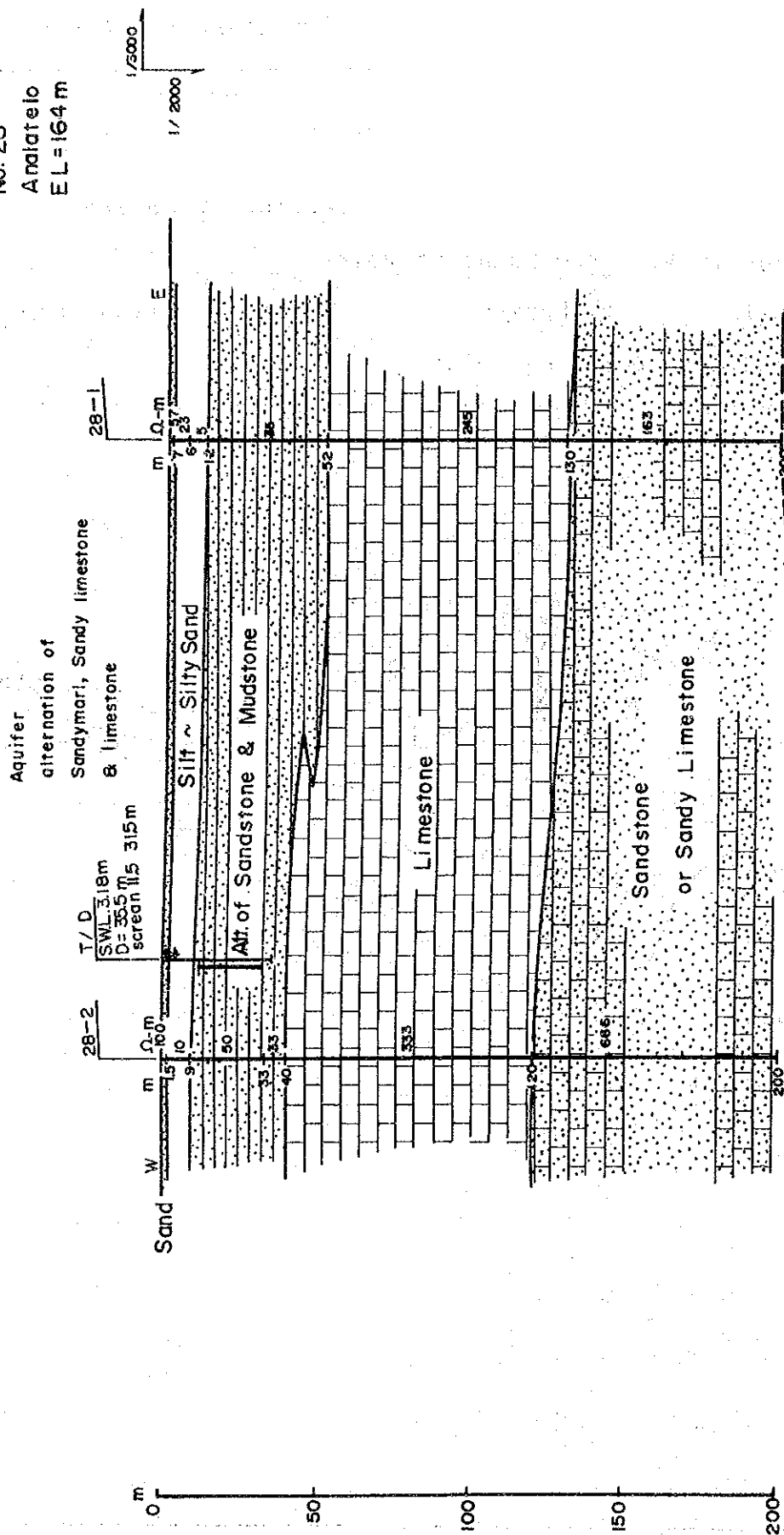


West side of village

300m

ANTENIMIEVA ←








20-6-90
No. 28
Analatelo
E L = 164 m




Hydrogeological Section of Analatelo Area (28)

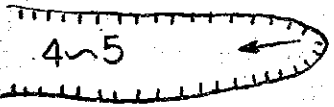
The Locations of Investigation & The Topographical Feature


Candidate Village	No. 29	EL. 148 m
	Name Mangotroka	


 Settlement	 Electric Vertical Sounding	
 Magneto-telluric Sounding Point		
 Well	 Spring	 Test Drilling Point
 Candidate Drilling Point		


(SW)
(NE)

 T.D.P.









 ③

 ②

 ①

100m
100m

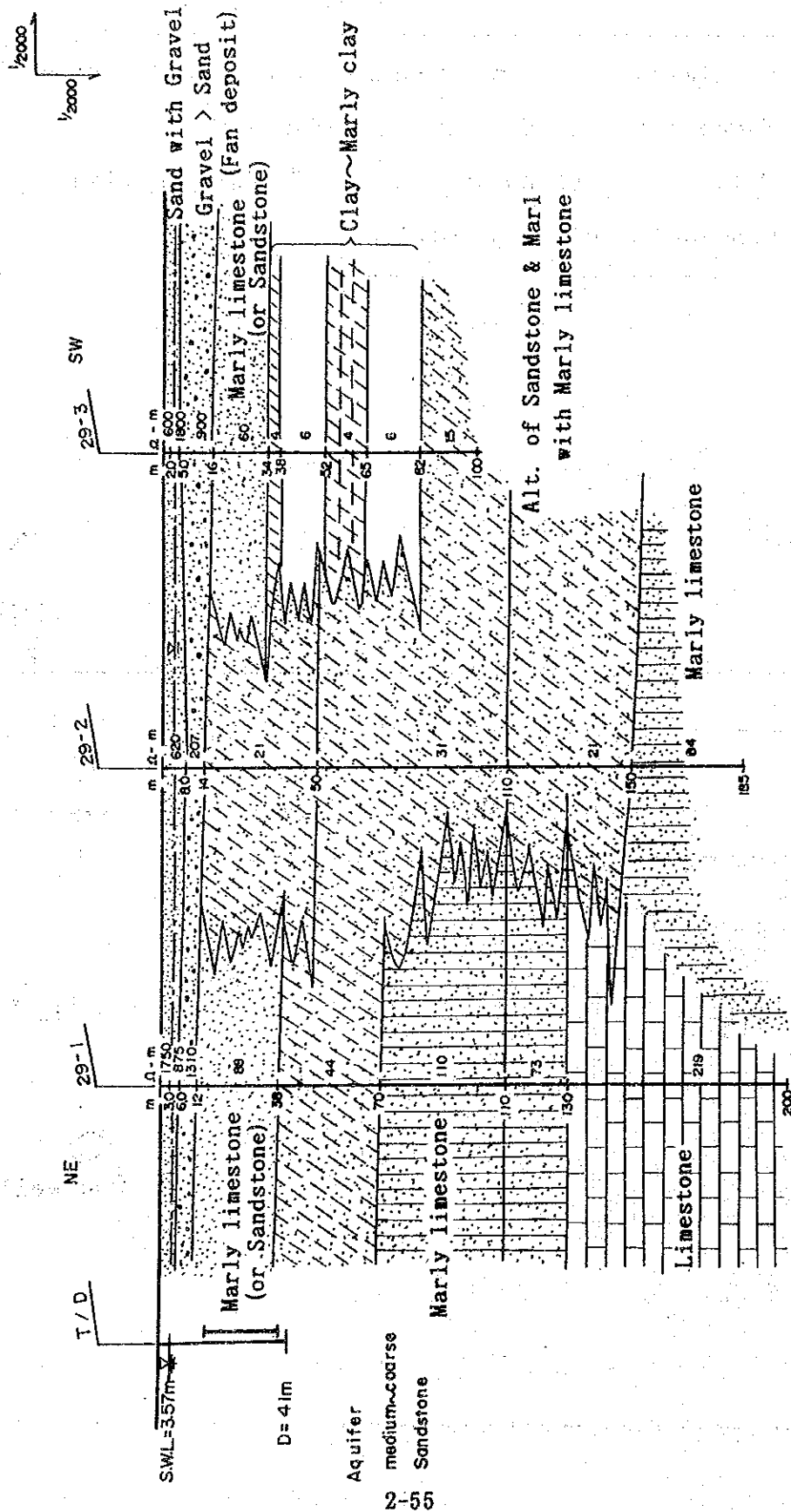
 Dug well

10-11.1989

No. 29

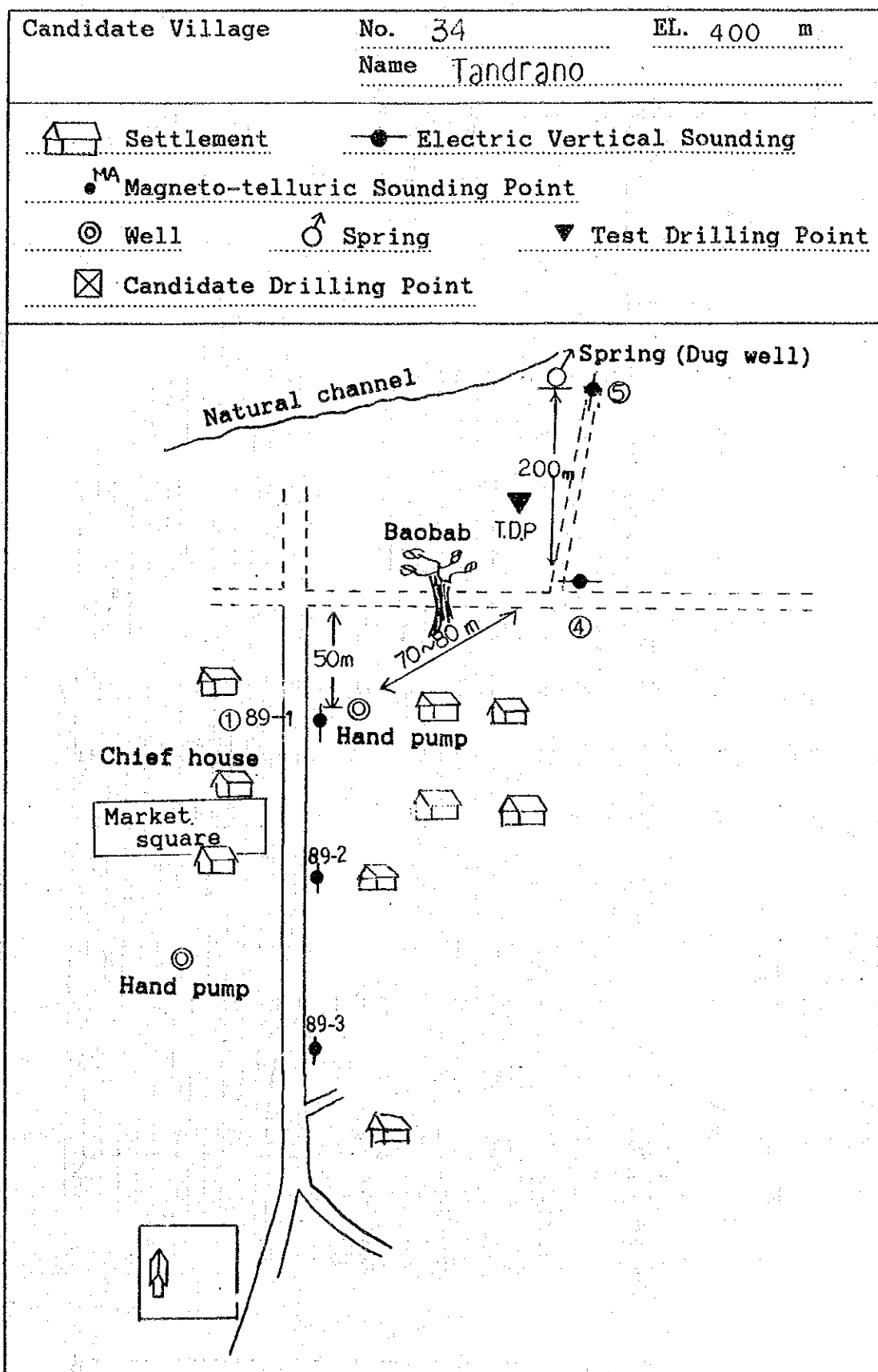
Mangotroka

EL=148m



Hydrogeological Section of Mangotroka Area (29)

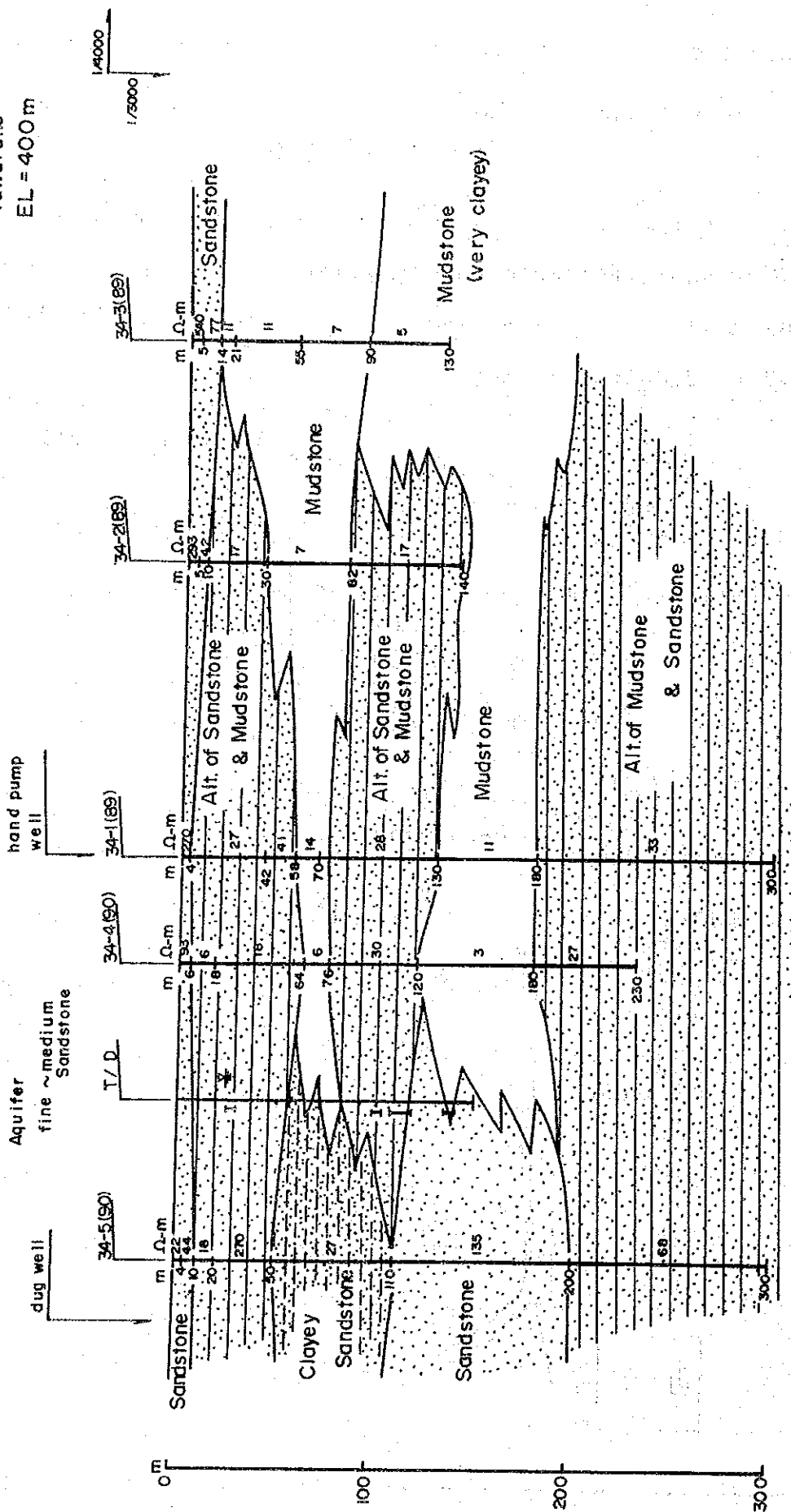
The Locations of Investigation & The Topographical Feature



4-7-90
No. 34
Tandran
EL = 400 m

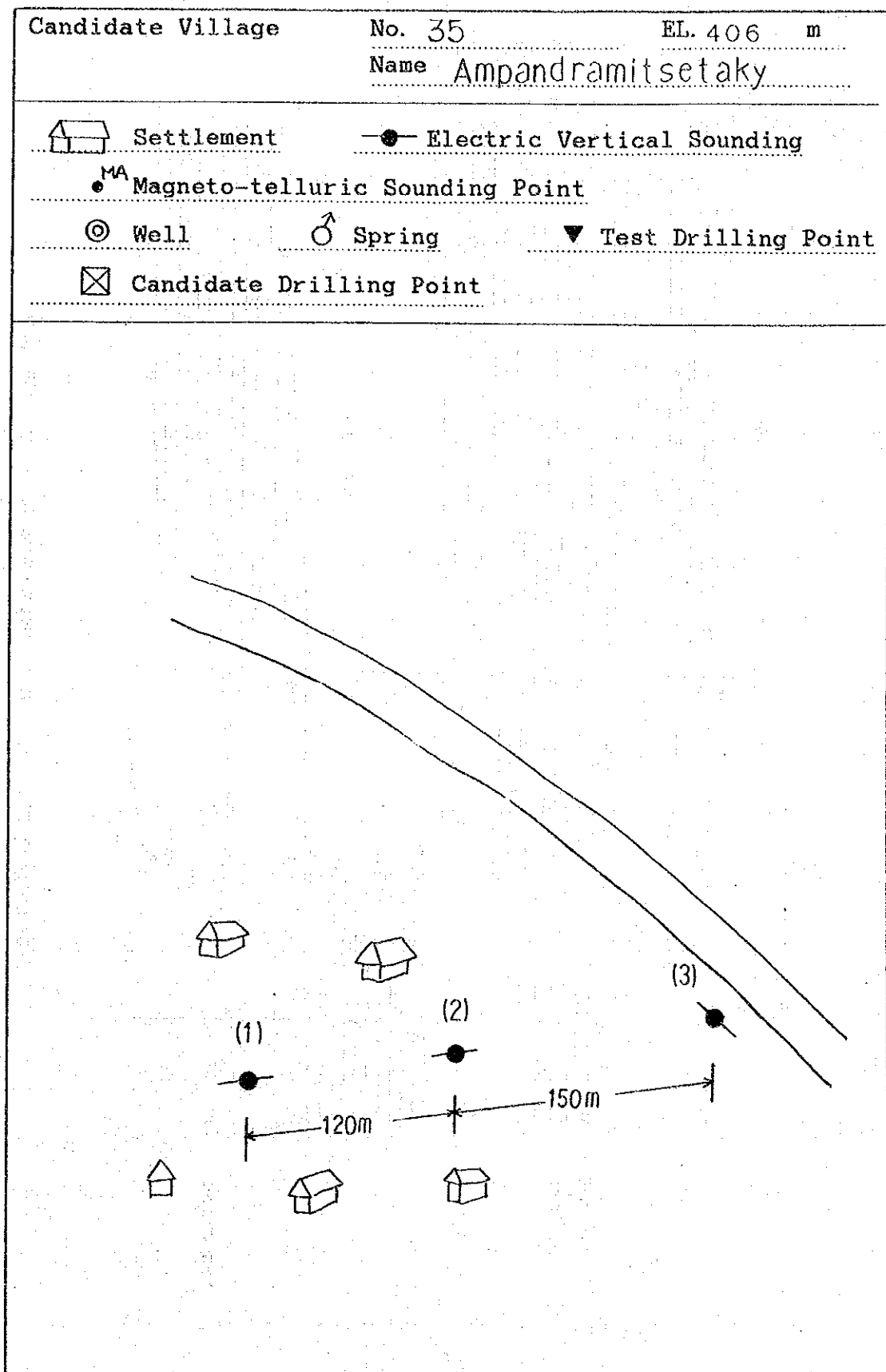
Q = 300 l/min
SWL 25.56m
D = 151.1 m

Aquifer
fine ~ medium
Sandstone

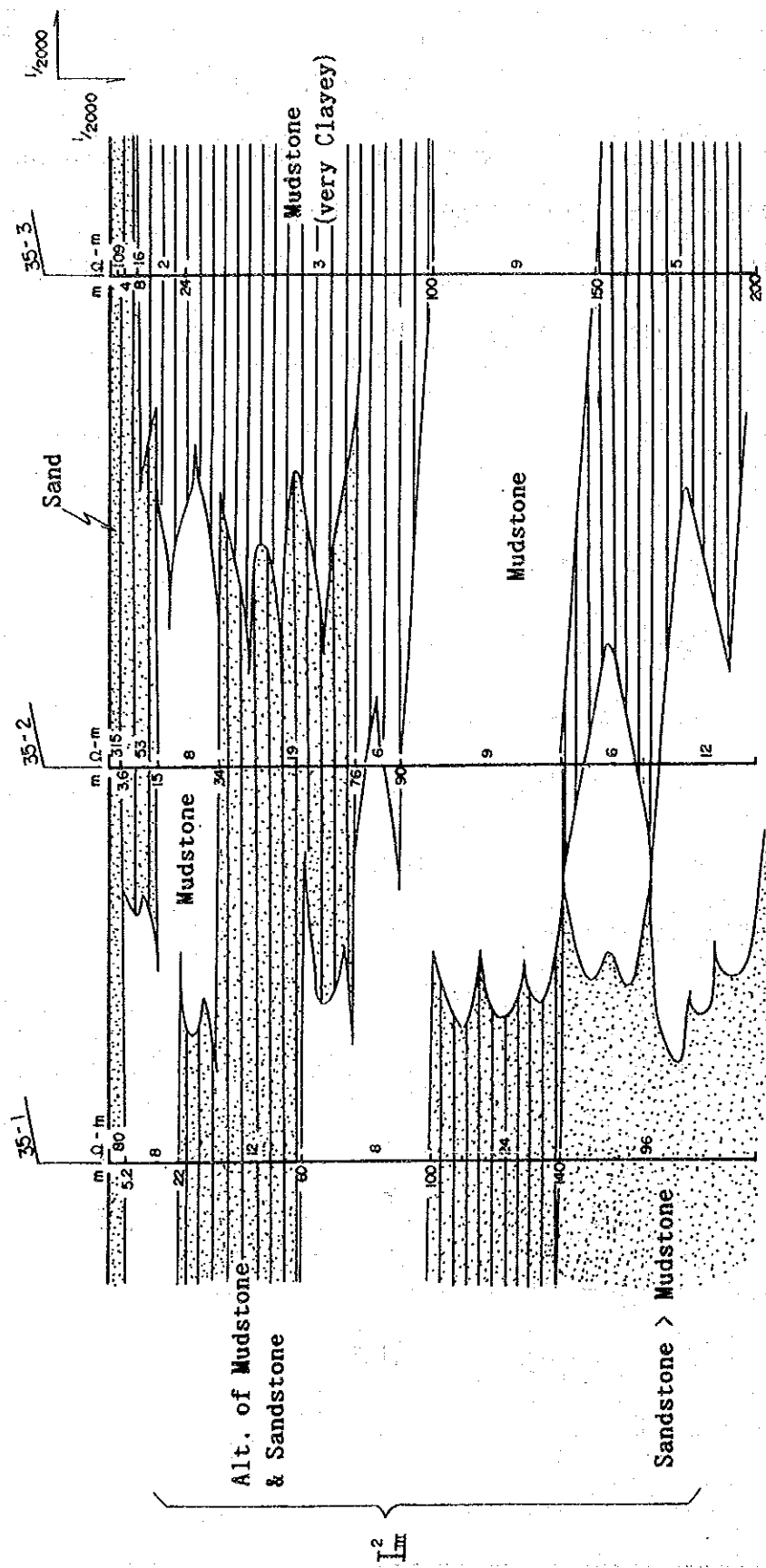


Hydrogeological Section of Tandran (34)

The Locations of Investigation & The Topographical Feature

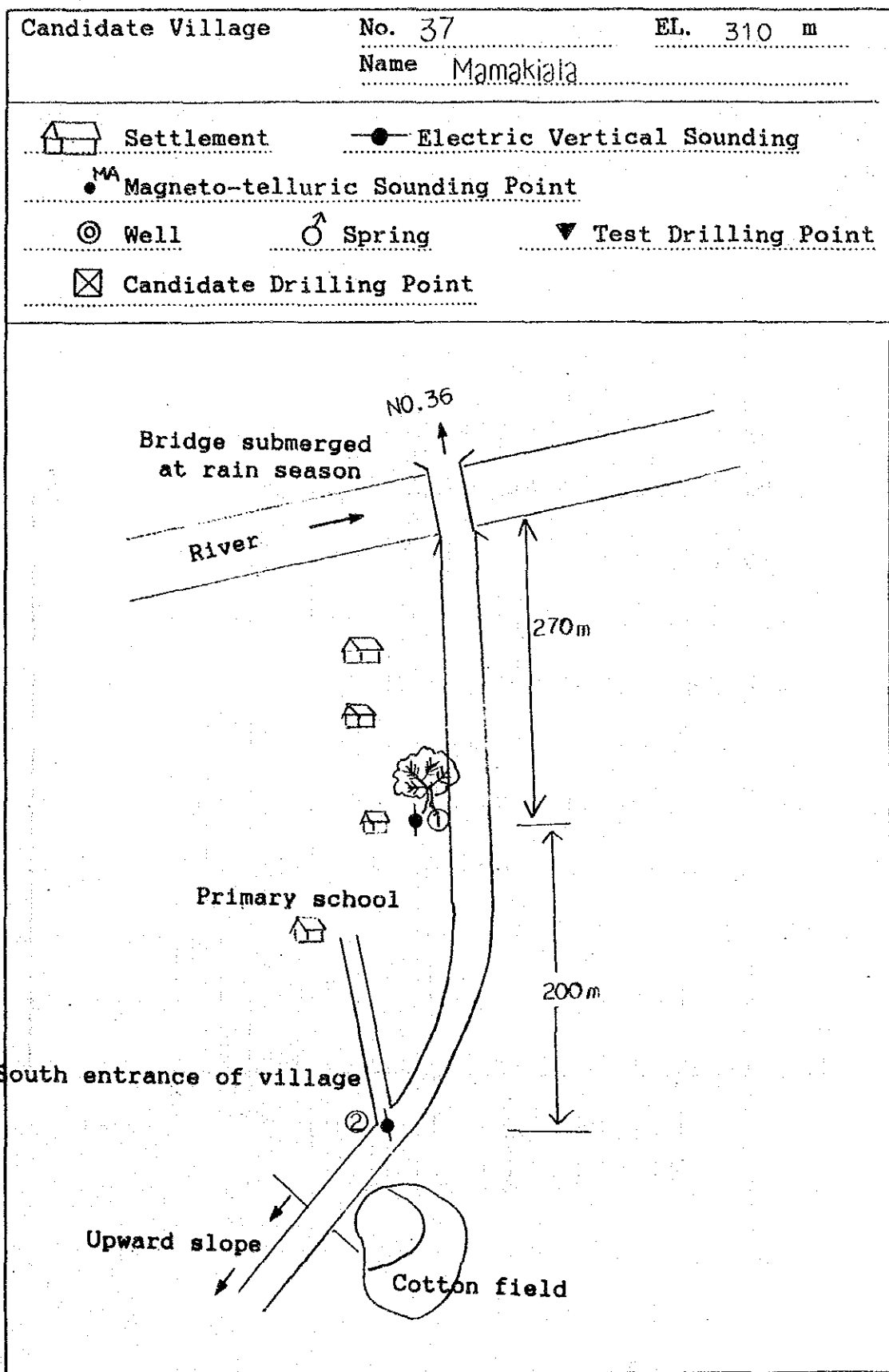


1-11.1989
No. 35
Ampandramitsetaky

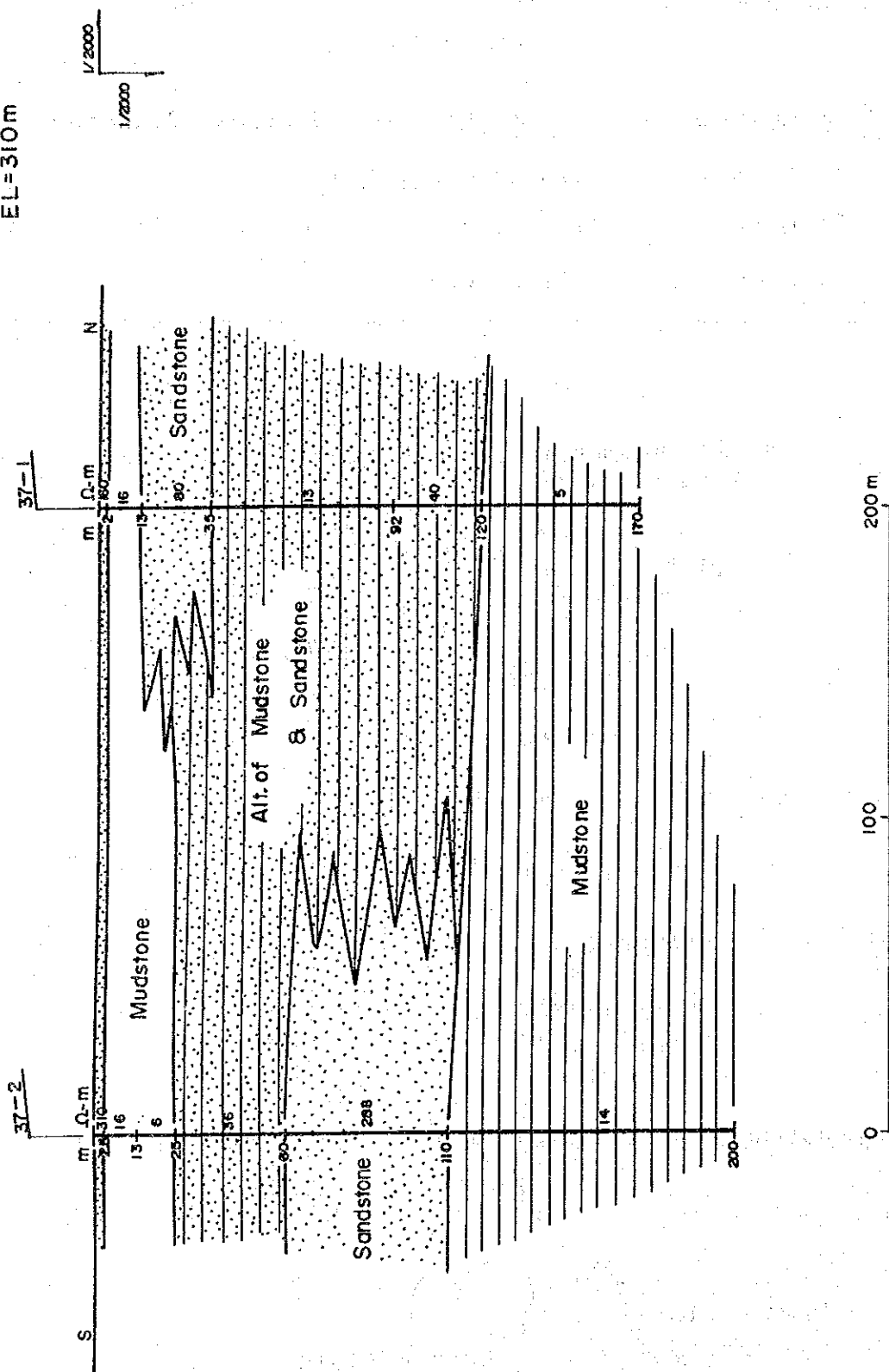


Hydrogeological Section of Ampandramitsetaky Area (35)

The Locations of Investigation & The Topographical Feature










6-7-90
 No. 37
 Mamakiala
 EL=310m



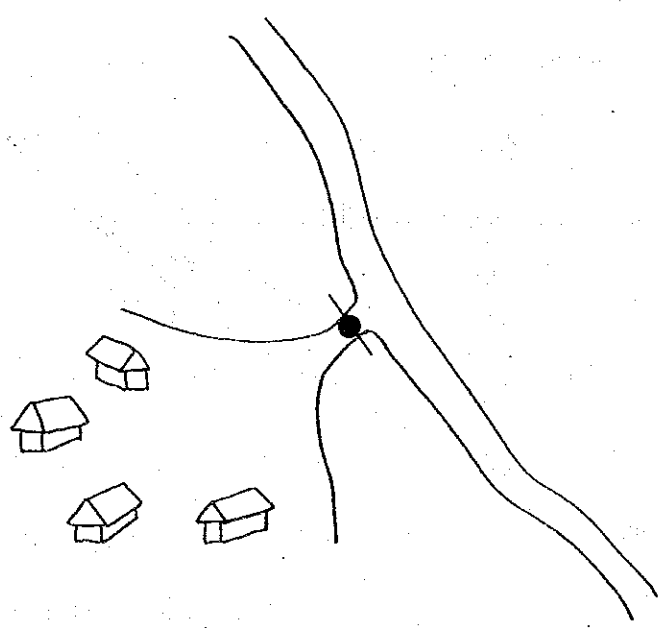
Hydrogeological Section of Mamakiala Area (37)

The Locations of Investigation & The Topographical Feature

Candidate Village	No. 39	EL. 370 m
Name P sop so		








 Settlement	 Electric Vertical Sounding	
 MA Magneto-telluric Sounding Point		
 Well	 Spring	 Test Drilling Point
 Candidate Drilling Point		


ESE, about 5km from Betsinefo (39)






The Locations of Investigation & The Topographical Feature


Candidate Village	No. 40	EL. 450 m
Name Tanandava		

 Settlement	 Electric Vertical Sounding	
 Magneto-telluric Sounding Point		
 Well	 Spring	 Test Drilling Point
 Candidate Drilling Point		




(1)



(2)

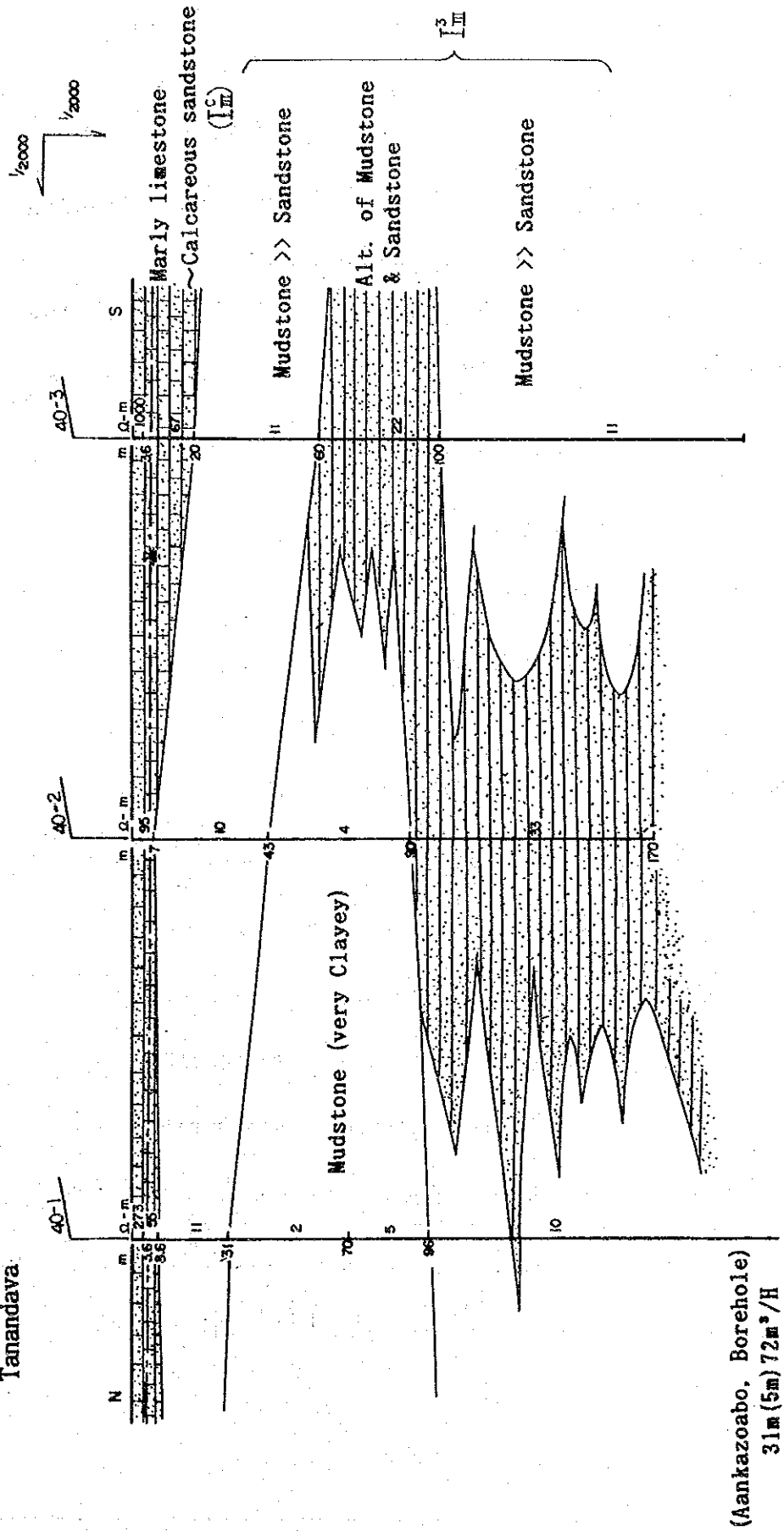

(3)

130m
130m

31-10-.1989

No. 40

Tanandava



Hydrogeological Section of Tanandava Area (40)

The Locations of Investigation & The Topographical Feature

Candidate Village

No. 44

EL. 470 m

Name Soatanimbary



Settlement



Electric Vertical Sounding



Magneto-telluric Sounding Point



Well



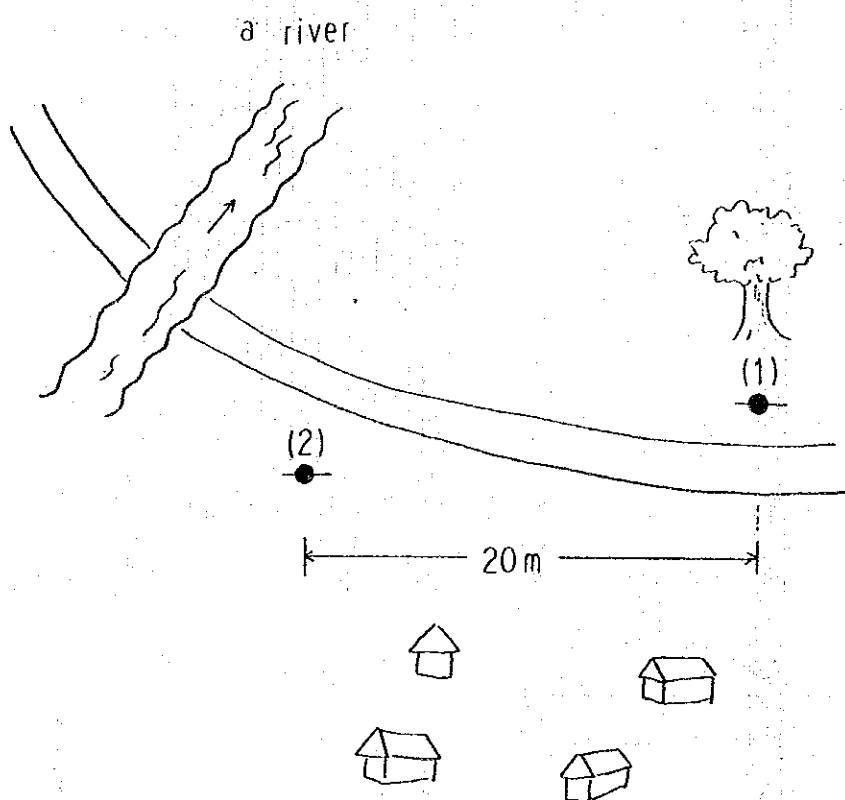
Spring



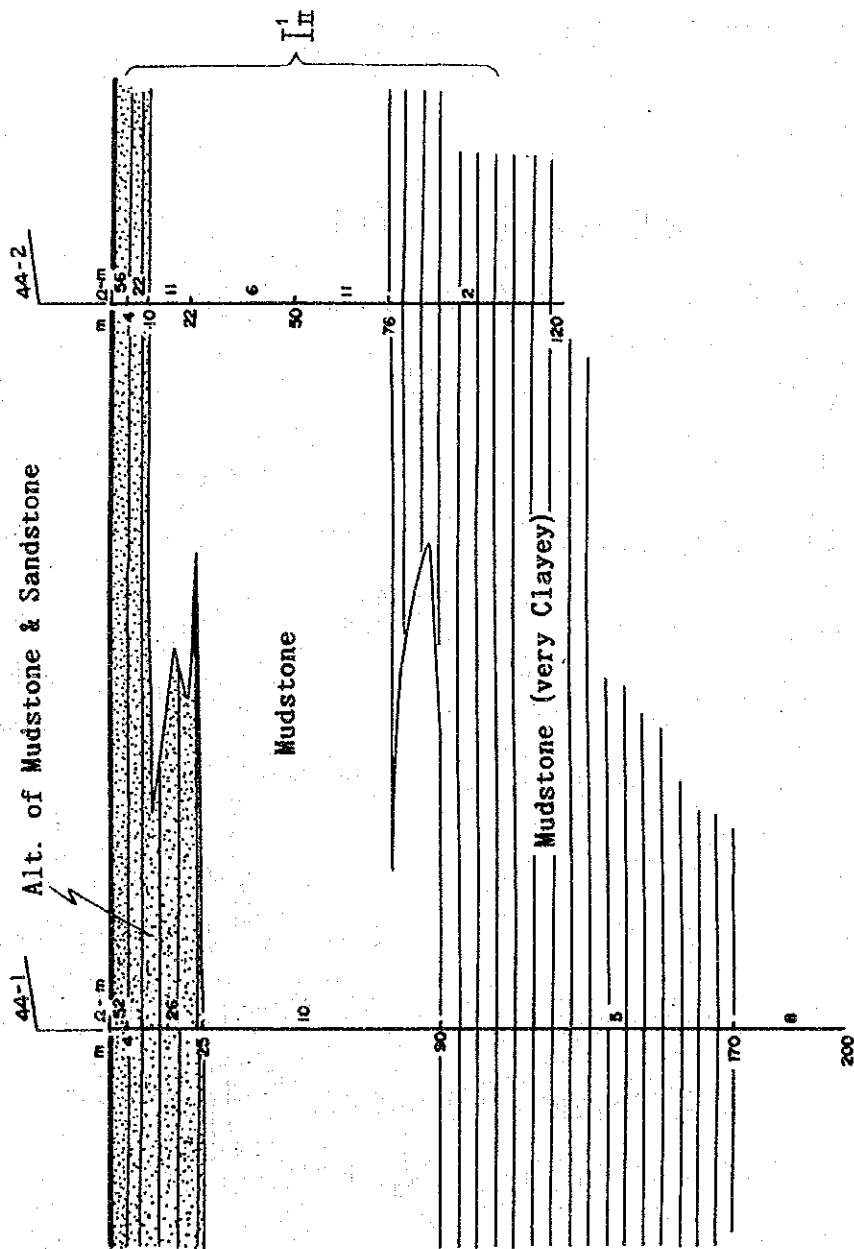
Test Drilling Point



Candidate Drilling Point

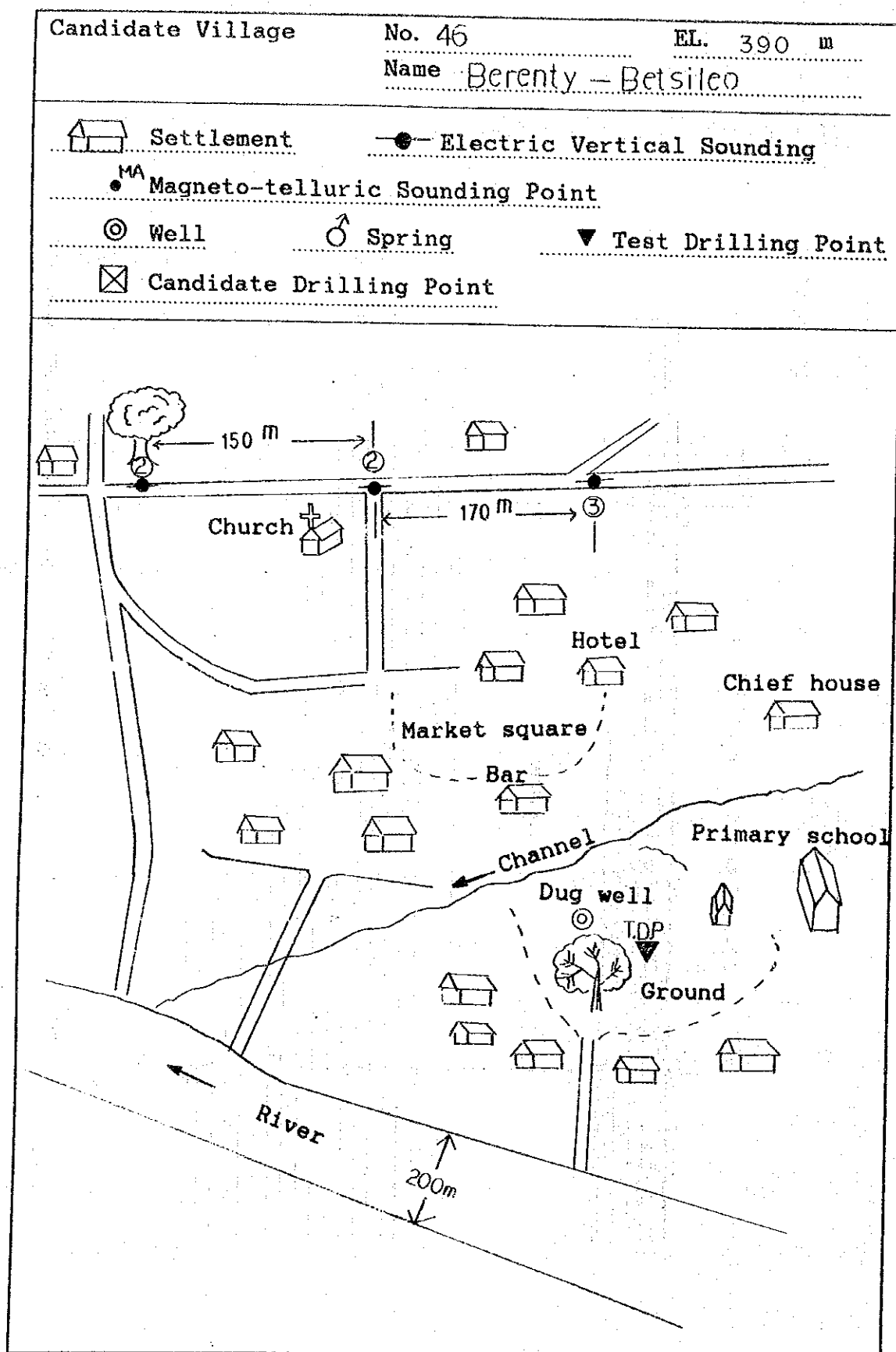


Soatanimbary



Hydrogeological Section of Soatanimbary Area (44)

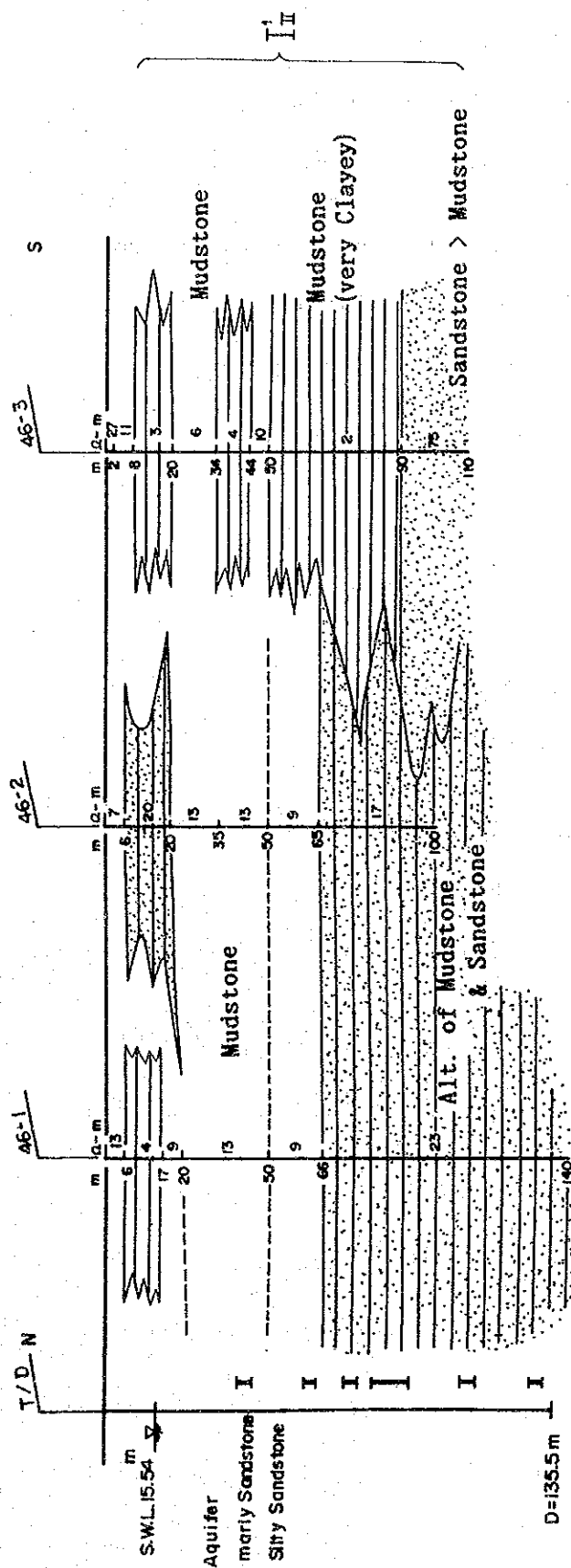
The Locations of Investigation & The Topographical Feature



2-11. 1989

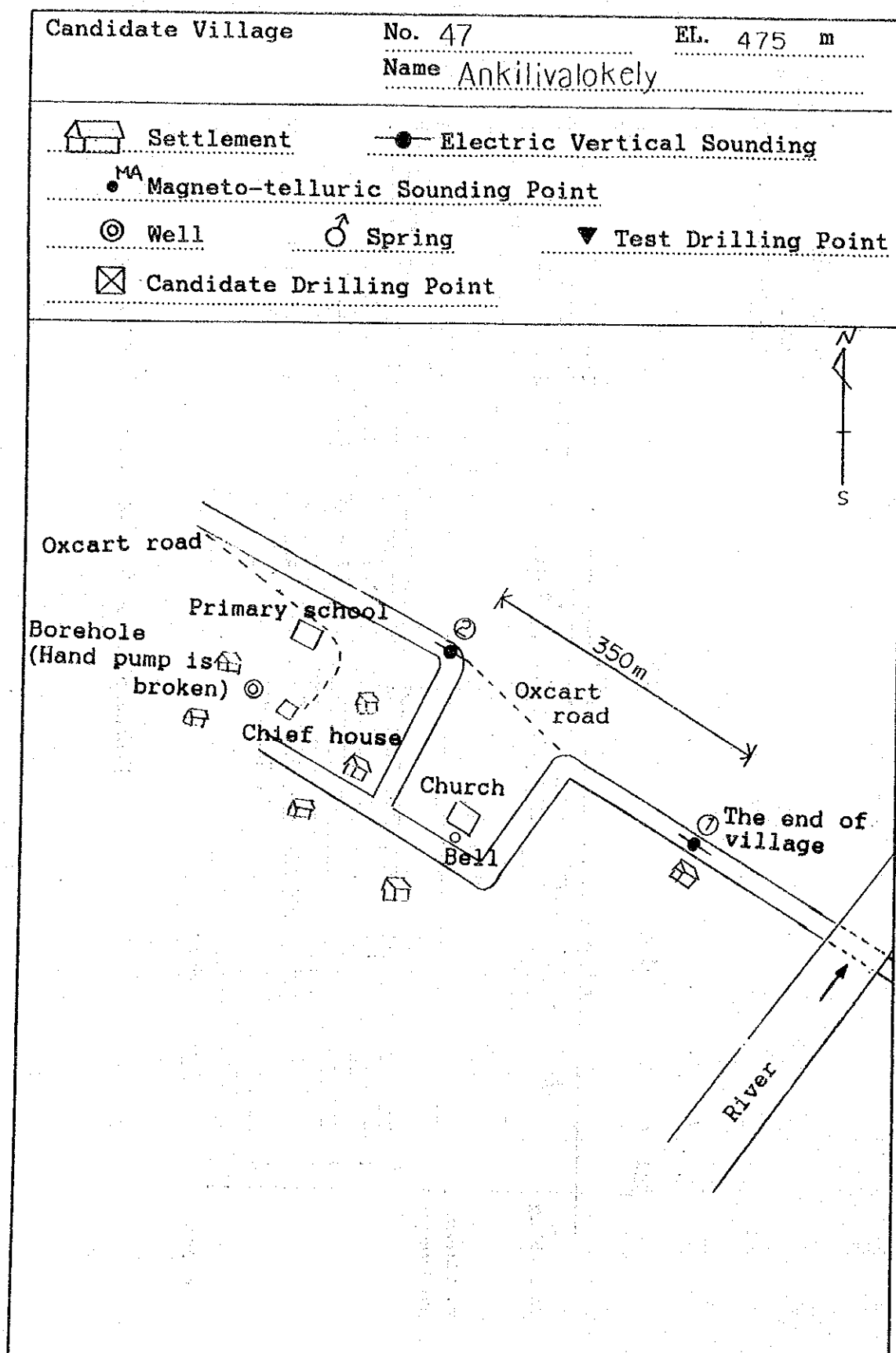
No. 46

Berenty-Betsileo



Hydrogeological Section of Berenty Area (46)

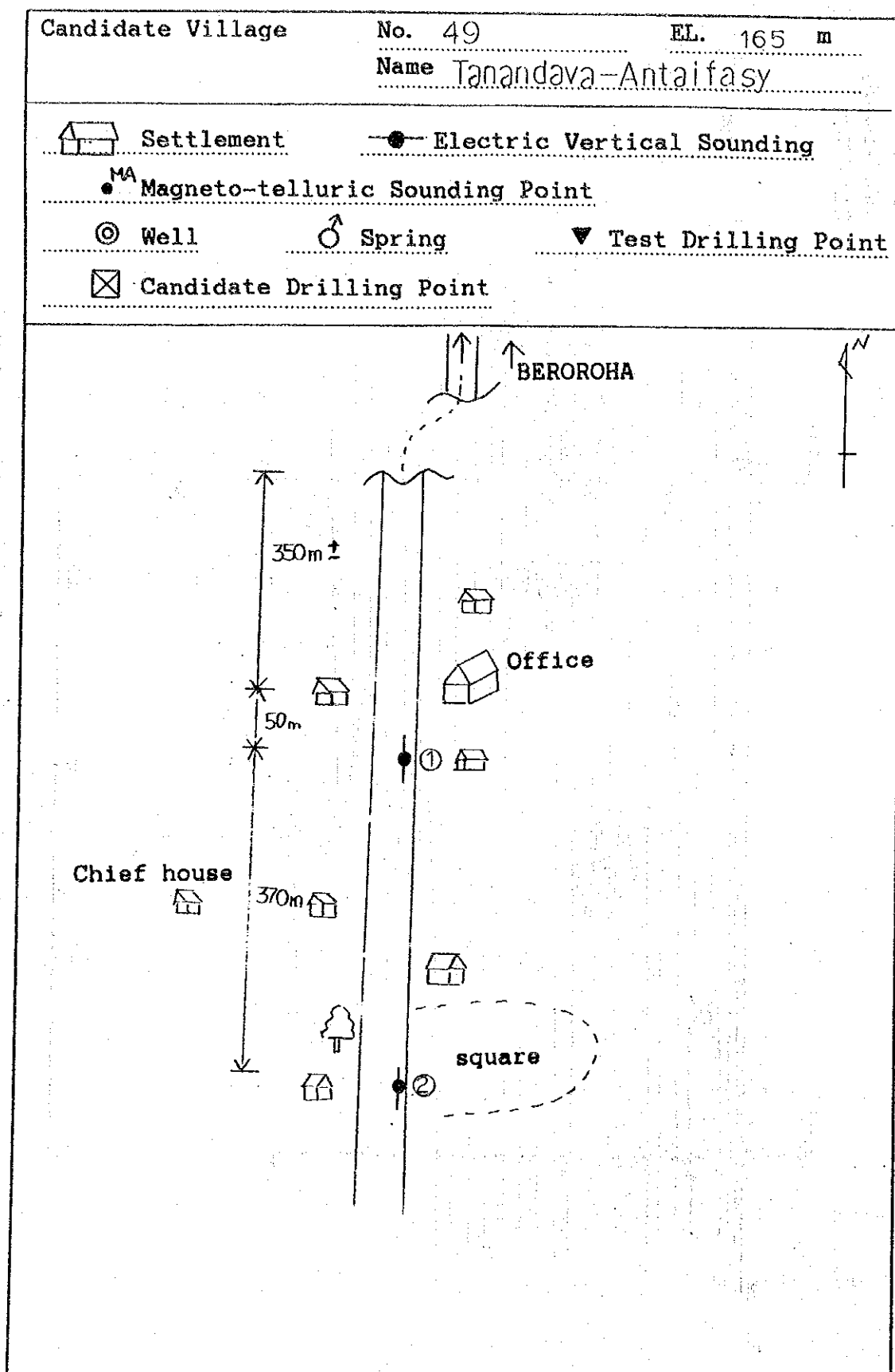
The Locations of Investigation & The Topographical Feature



EL = 475 m



The Locations of Investigation & The Topographical Feature



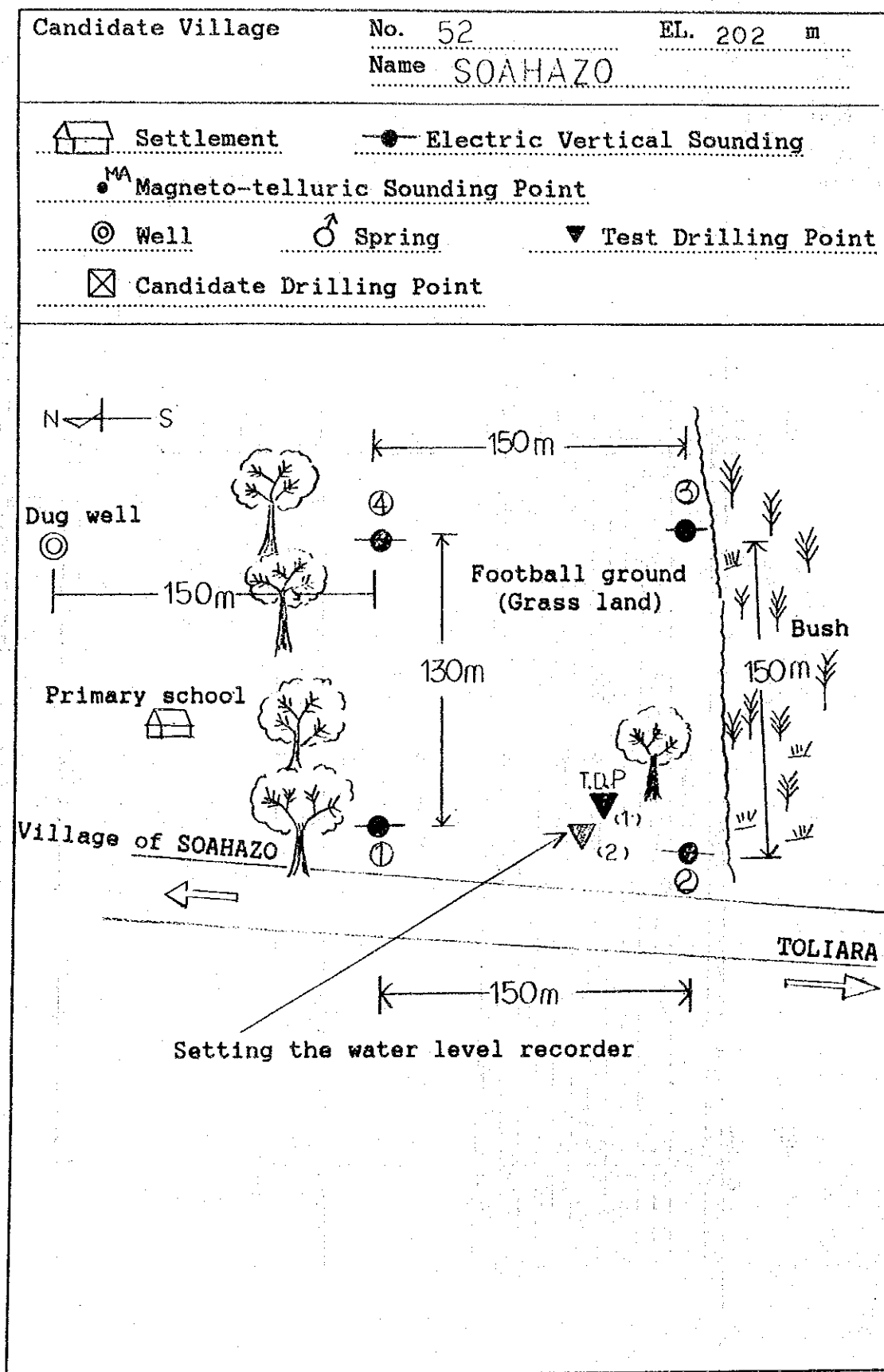
The diagram is a geological cross-section with two main profiles, 49-1 and 49-2, oriented North-South.

- Profile 49-1 (Left):**
 - Orientation: N (North) at the top, S (South) at the bottom.
 - Scale: 0 to 100 feet (0 to 30 meters).
 - Layers (from top to bottom):
 - Sand (stippled pattern, 0-15 ft)
 - Mudstone (horizontal lines, 15-28 ft)
 - Alt. of Sandstone & Mudstone (horizontal lines, 28-45 ft)
 - Mudstone (horizontal lines, 45-58 ft)
 - Alt. of Sandstone & Mudstone (horizontal lines, 58-88 ft)
 - Mudstone (horizontal lines, 88-130 ft)
- Profile 49-2 (Right):**
 - Orientation: N (North) at the top, S (South) at the bottom.
 - Scale: 0 to 120 feet (0 to 40 meters).
 - Layers (from top to bottom):
 - Sand (stippled pattern, 0-8 ft)
 - Mudstone (horizontal lines, 8-30 ft)
 - Alt. of Sandstone & Mudstone (horizontal lines, 30-72 ft)
 - Mudstone (horizontal lines, 72-120 ft)
- Additional Features:**
 - A large area of Sandstone > Mudstone is shown on the far right, with a scale of 210 to 245 feet.
 - Labels "Mudstone" and "Sandstone > Mudstone" are placed within their respective layers.
 - Profile 49-1 has a label "Alt. of Sandstone & Mudstone" repeated twice.

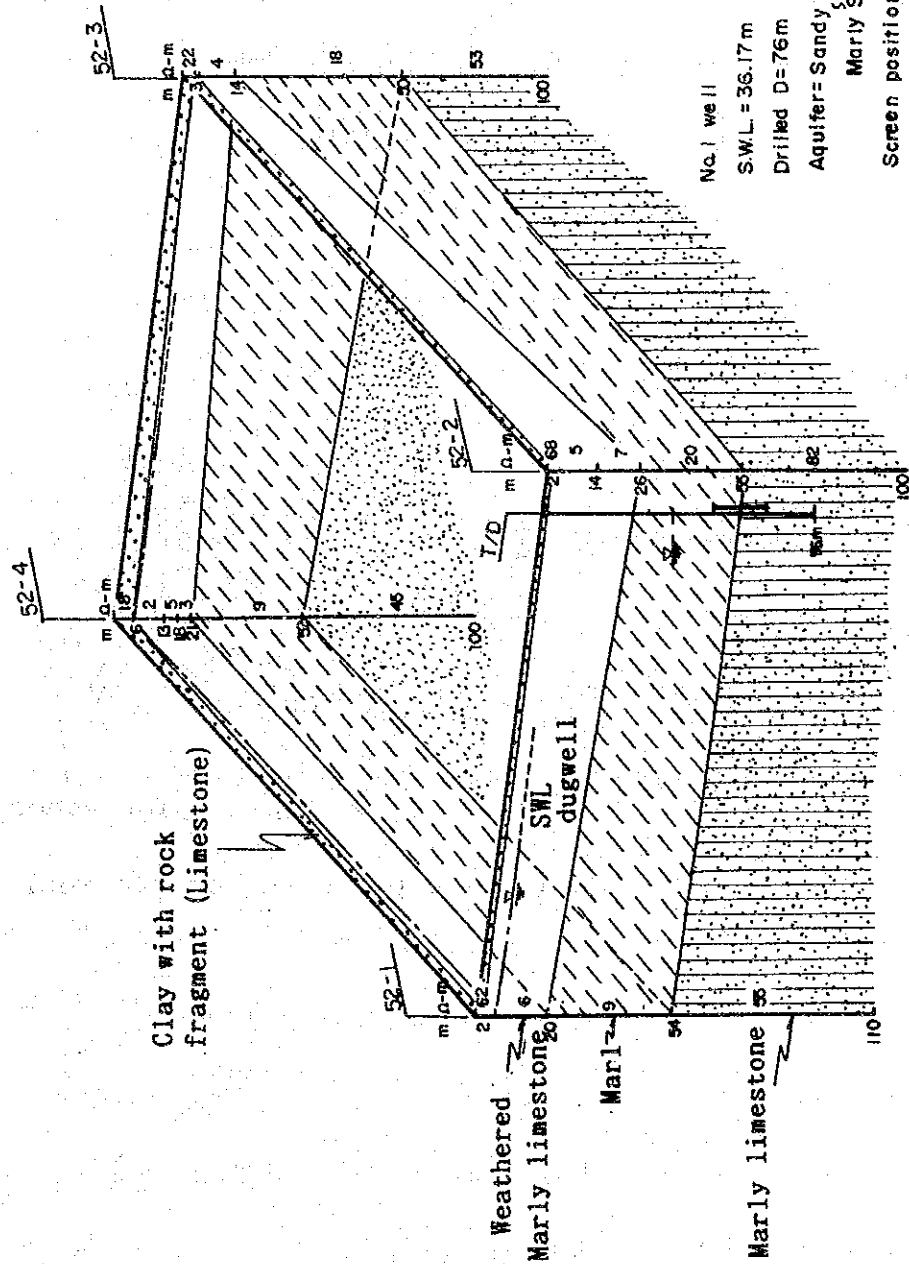
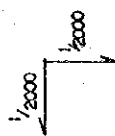
A vertical scale bar with markings at 0, 100, 200, 300, and 370 m.

Hydrogeological Section Tanandva—Ant. Area (49)

The Locations of Investigation & The Topographical Feature



EL=202m



Na. we 11

S.W.L. = 36.17 m

Drilled D=76mm

Aquifer= Sandy marl

Marly Sandstone

Screen position = GL--

43.1~63.1m

Hydrogeological Section of Soahazo Area (52)

The Locations of Investigation & The Topographical Feature

Candidate Village No. 53 EL. 190 m
Name Analamisampy

Settlement Electric Vertical Sounding
MA Magneto-telluric Sounding Point
Well Spring Test Drilling Point
Candidate Drilling Point

N ← S

150m 150m

Primary school

Hand pump is broken

Channel

Junior high school

Collecting place for cotton wool

22-6-90
No. 53 Analamisampy
EL = 190 m

Aquifer

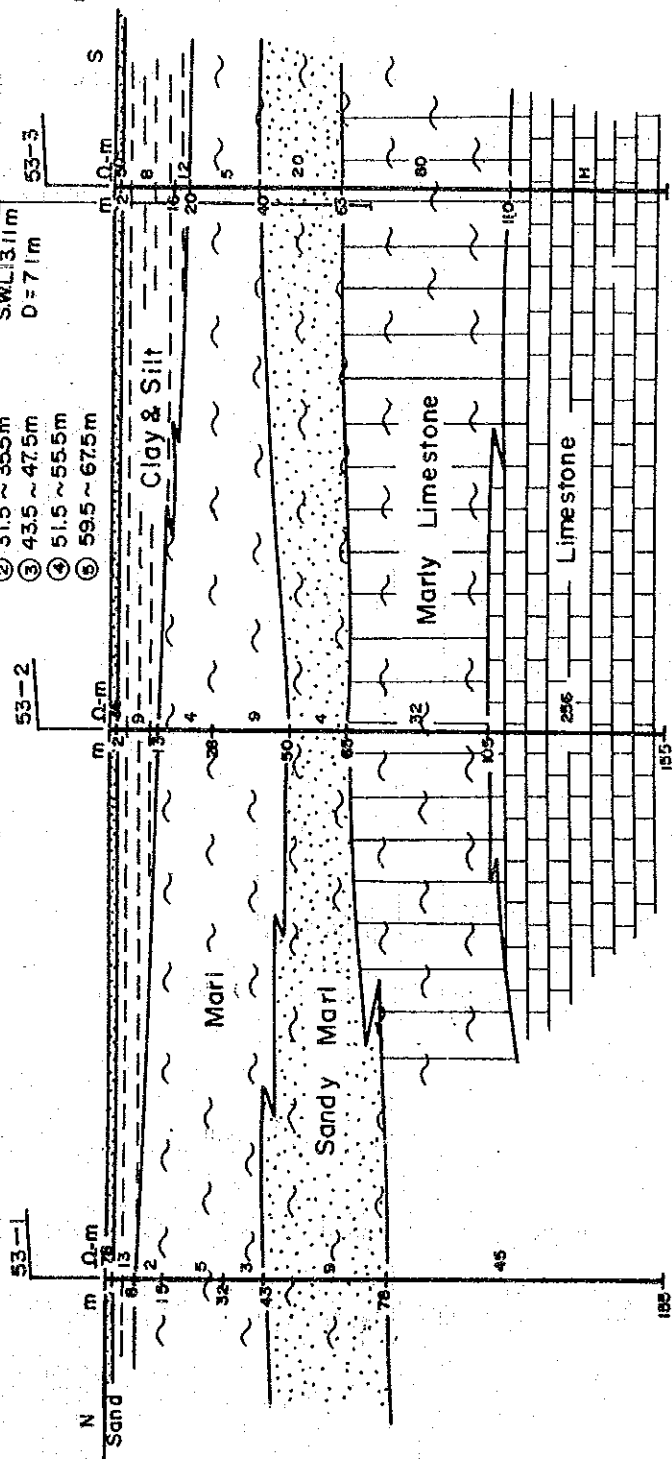
Sandy limestone,
Sandstone & Sandy marl

Screen Position

- ① 7.5 ~ 11.5 m
- ② 31.5 ~ 35.5 m
- ③ 43.5 ~ 47.5 m
- ④ 51.5 ~ 55.5 m
- ⑤ 59.5 ~ 67.5 m

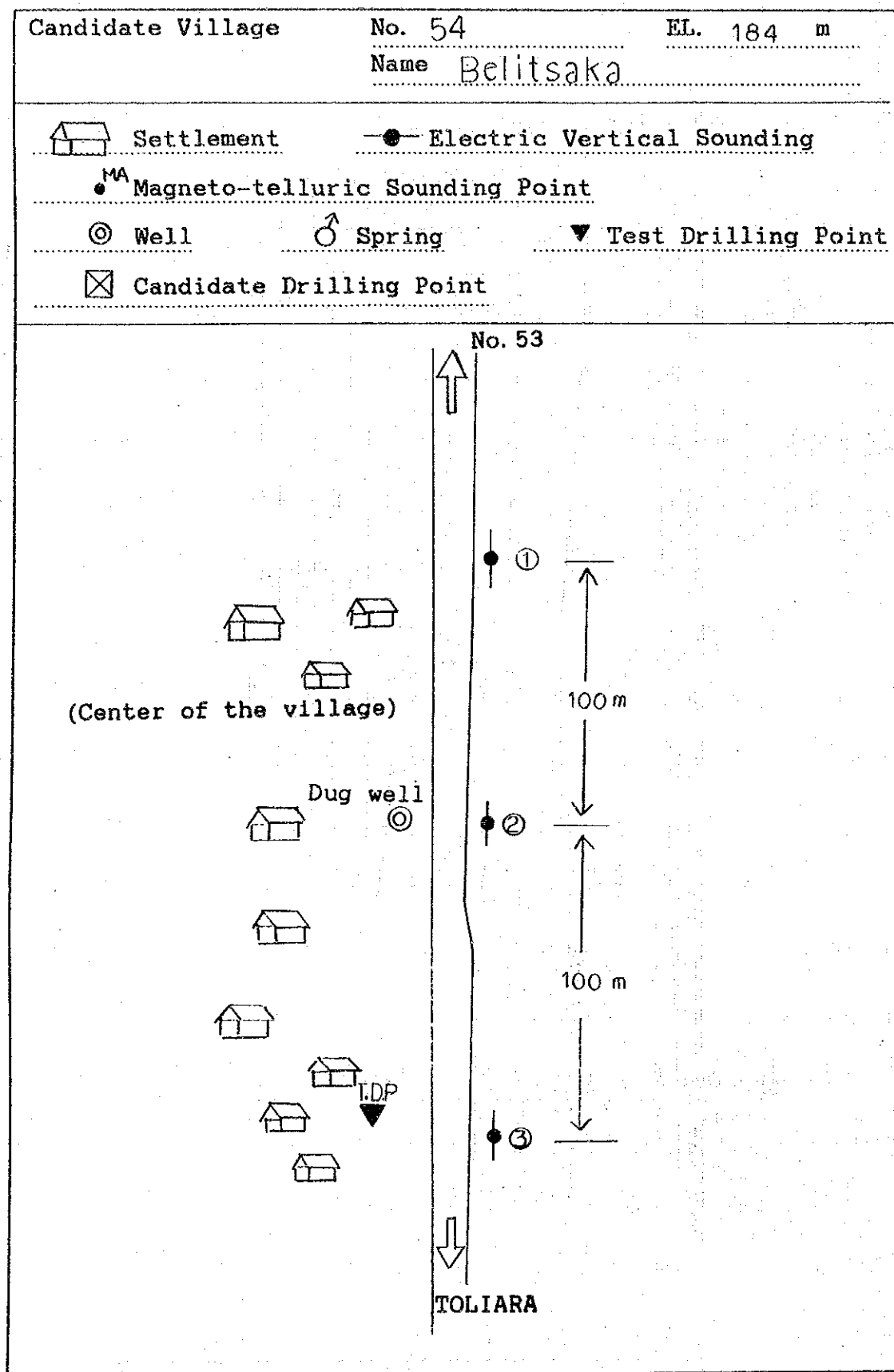
T/D
SWL 311 m
D = 71 m

1/2000
1/2000



Hydrogeological Section of Analamisampy Area (53)

The Locations of Investigation & The Topographical Feature

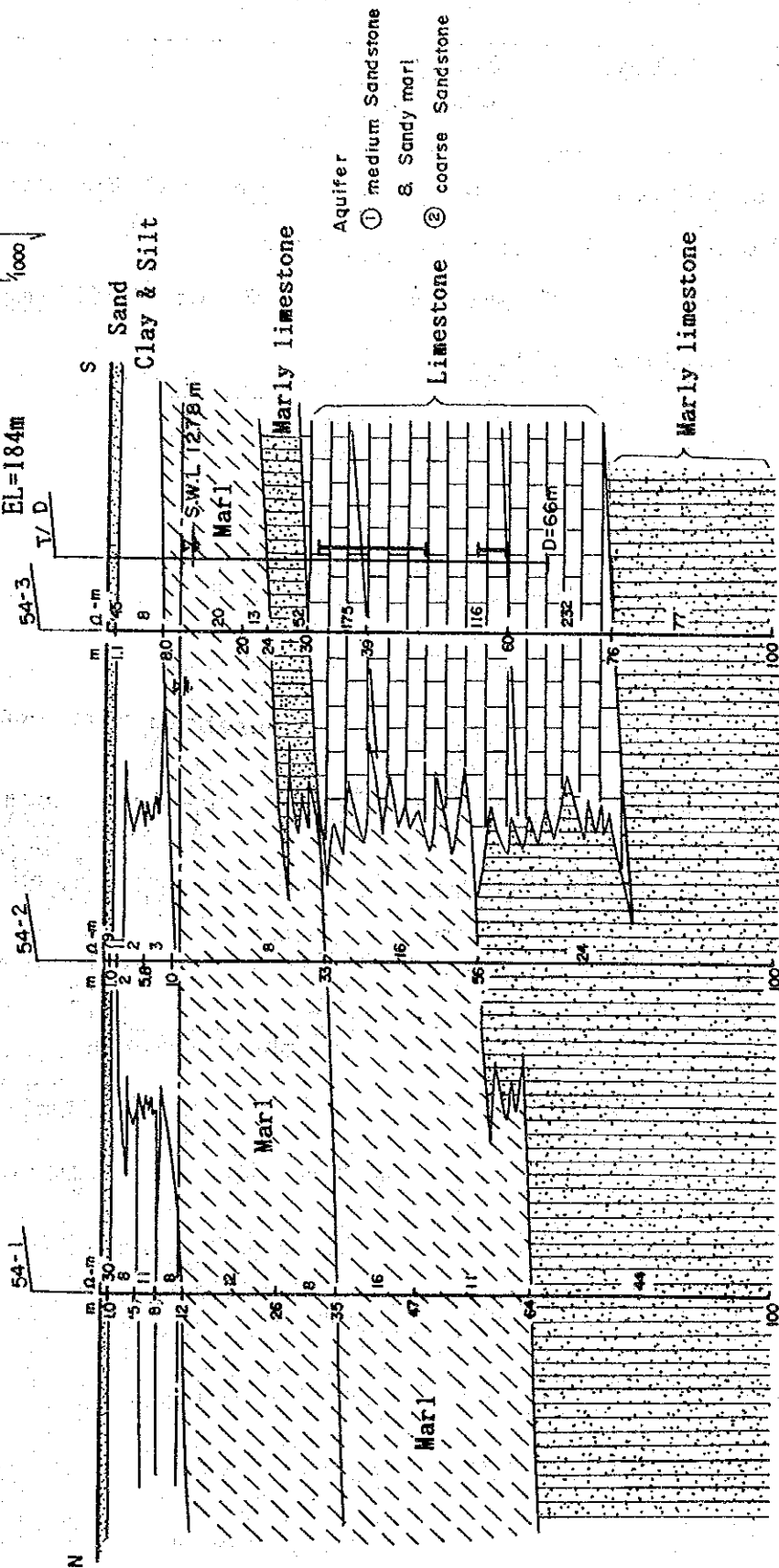


16-11.1989

No. 54

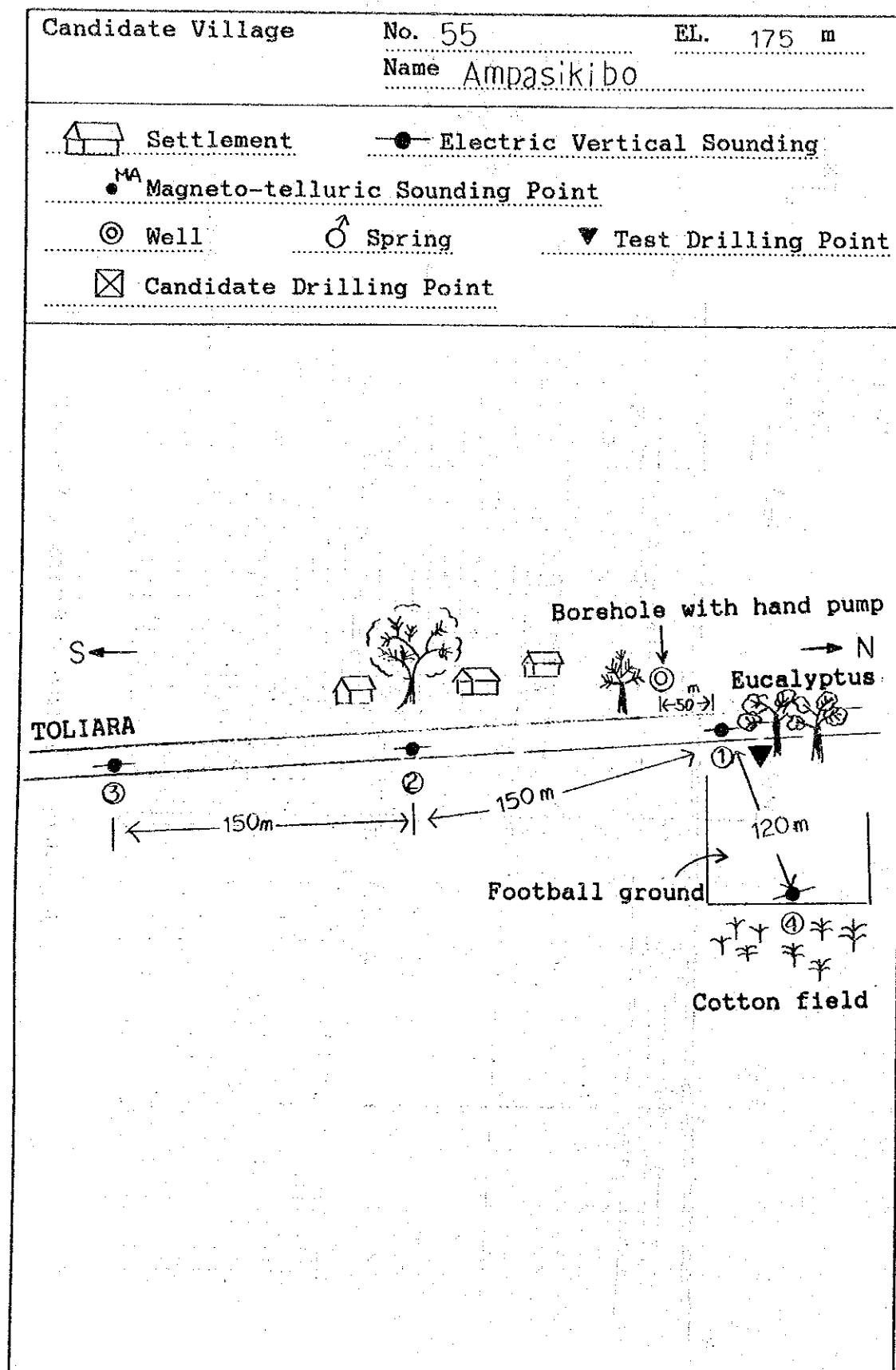
Belitsaka

EL=184m

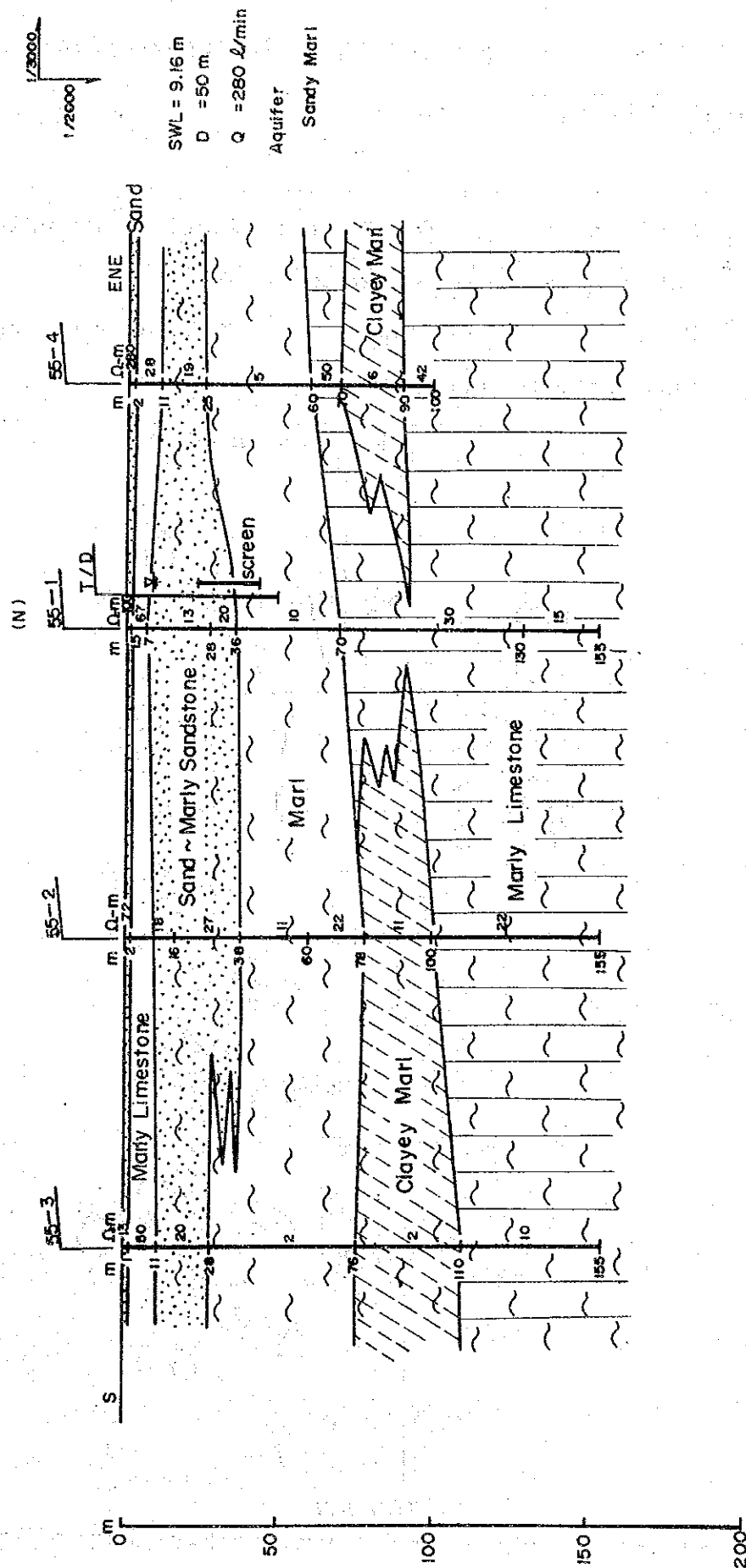


Hydrogeological Section of Belitsaka Area (54)

The Locations of Investigation & The Topographical Feature

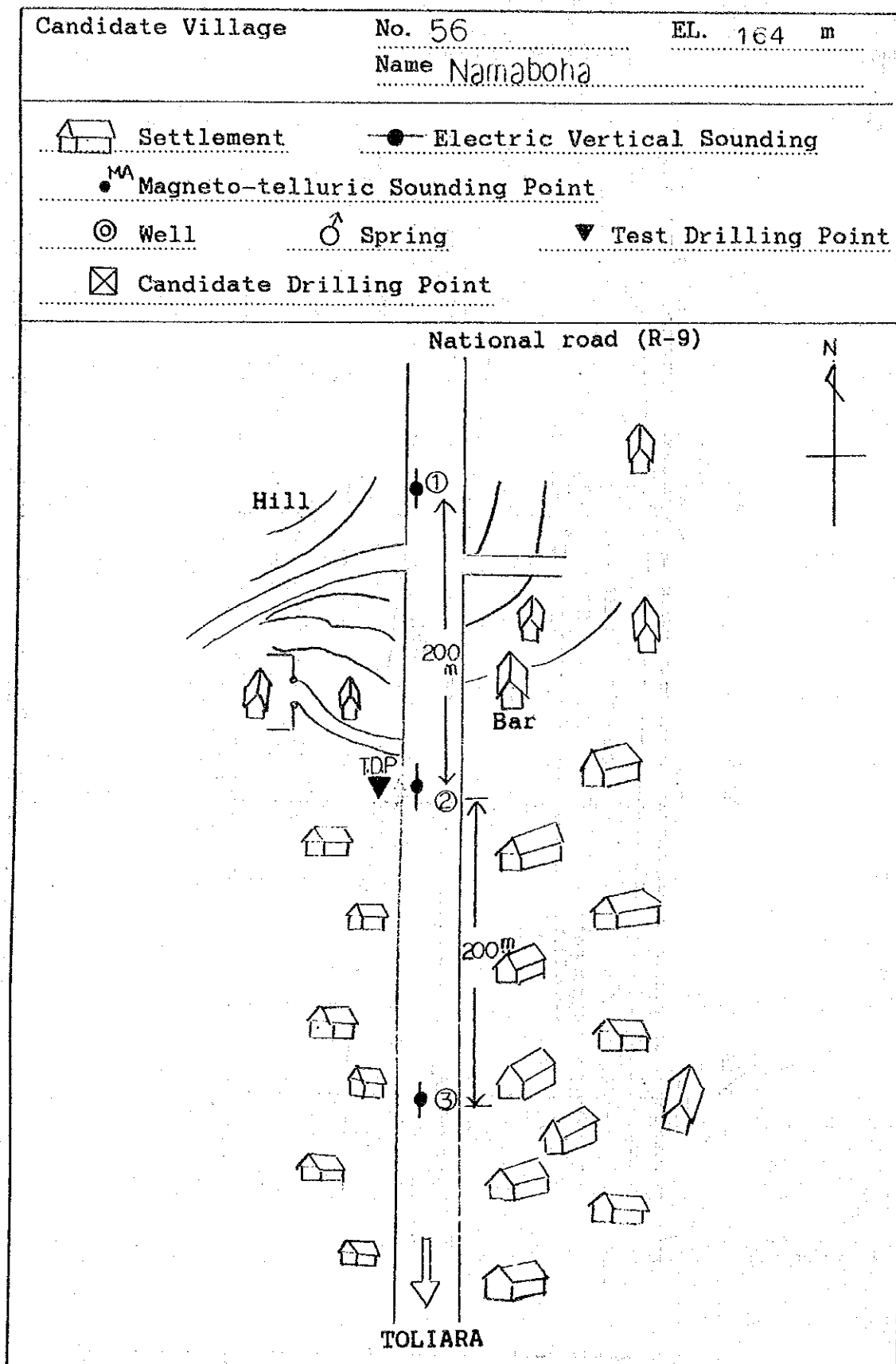


23-6-90
 No. 55 Ampasikibo
 EL = 175 m



Hydrogeological Section of Ampasikibo Area (55)

The Locations of Investigation & The Topographical Feature

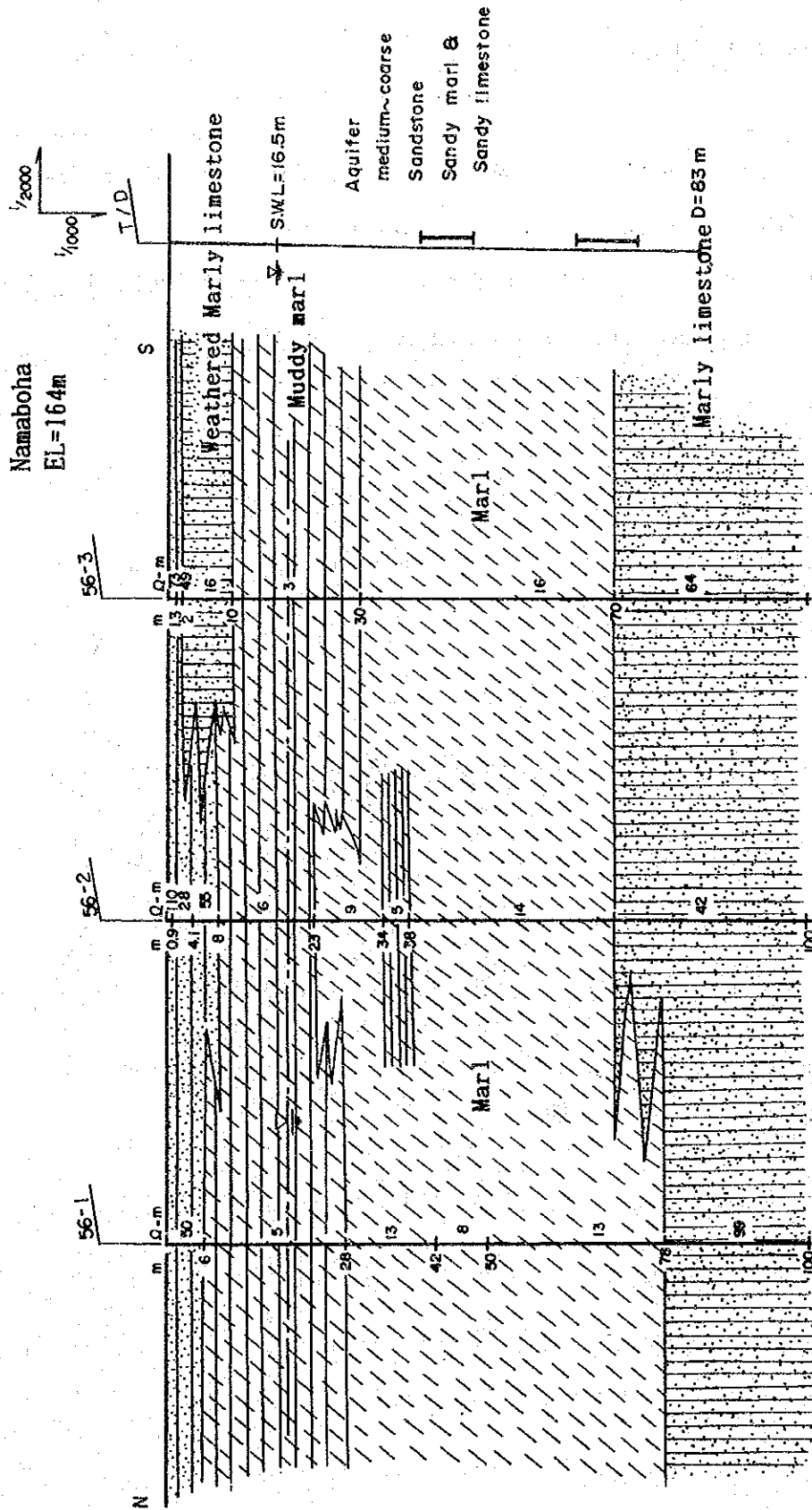


16-11-1989

No. 56

Namaboha








EL=164m

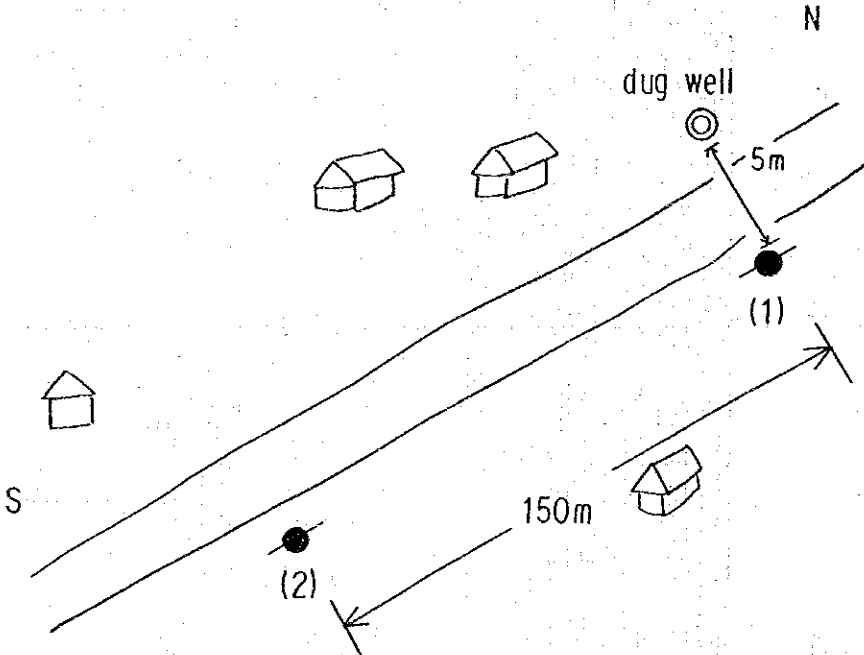


Hydrogeological Section of Namaboha Area (56)

The Locations of Investigation & The Topographical Feature

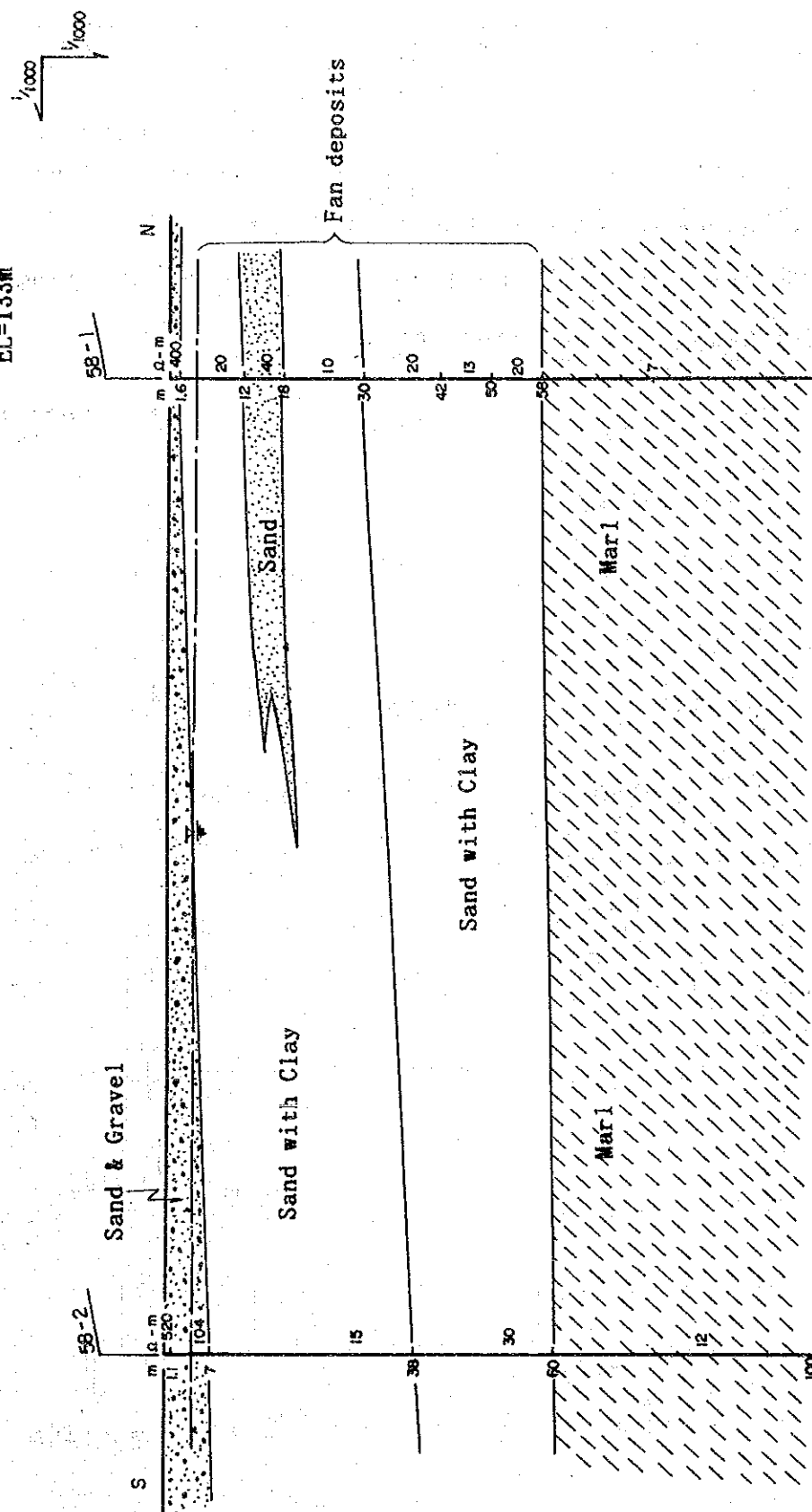
Candidate Village	No. 58	EL. 133 m
Name Ankilimiavotoka		

 Settlement	 Electric Vertical Sounding	
 Magneto-telluric Sounding Point		
 Well	 Spring	 Test Drilling Point
 Candidate Drilling Point		



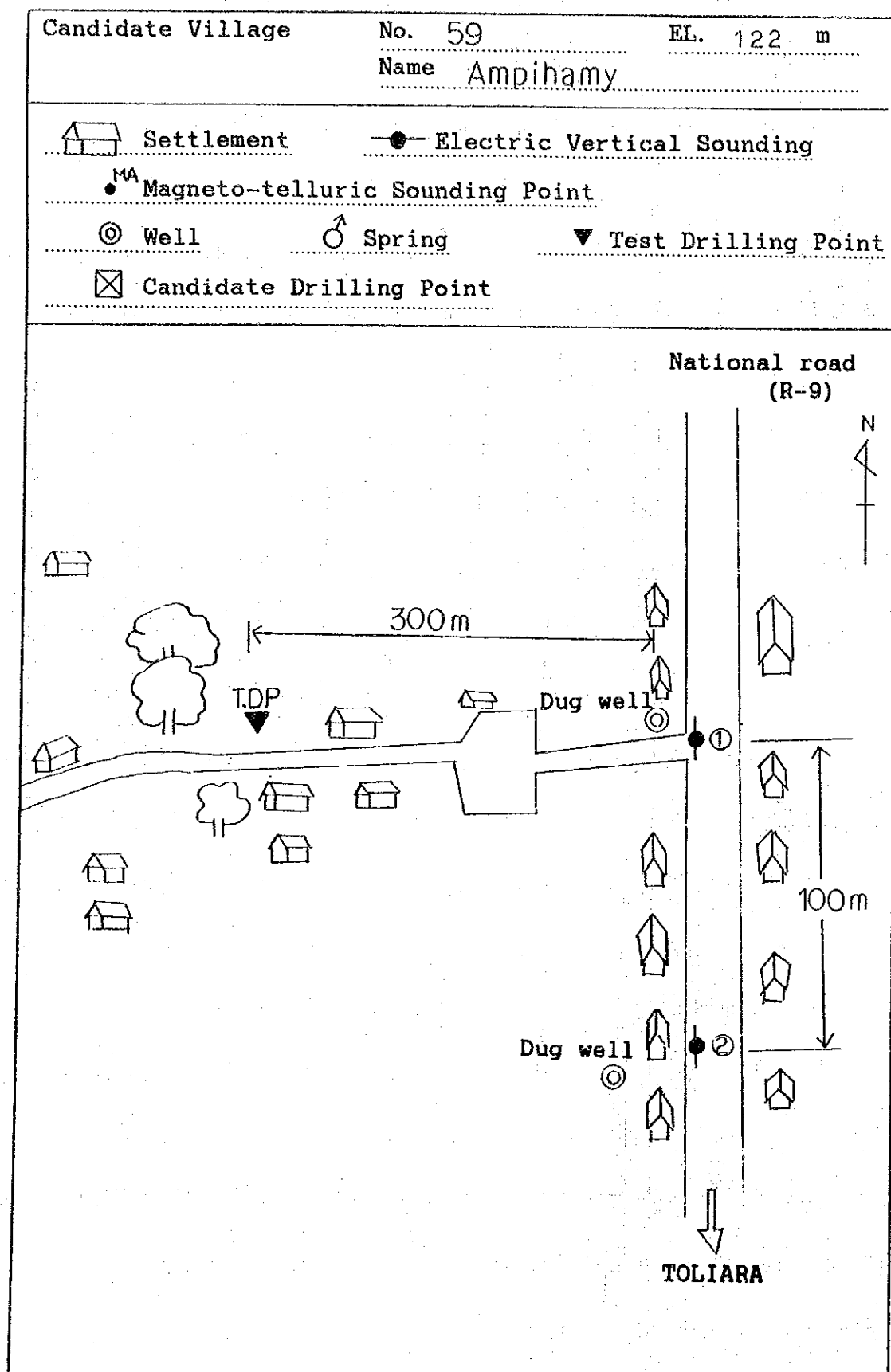
The map shows a road running from the bottom left towards the top right. To the left of the road are three small house icons. To the right of the road are two more house icons. A 'dug well' is marked with a circle containing a dot, located 5m from a point on the road labeled (1). Another point on the road is labeled (2), and a distance of 150m is marked between point (2) and point (1). A north arrow labeled 'N' points towards the top right, and a south arrow labeled 'S' points towards the bottom left.

EL=133m

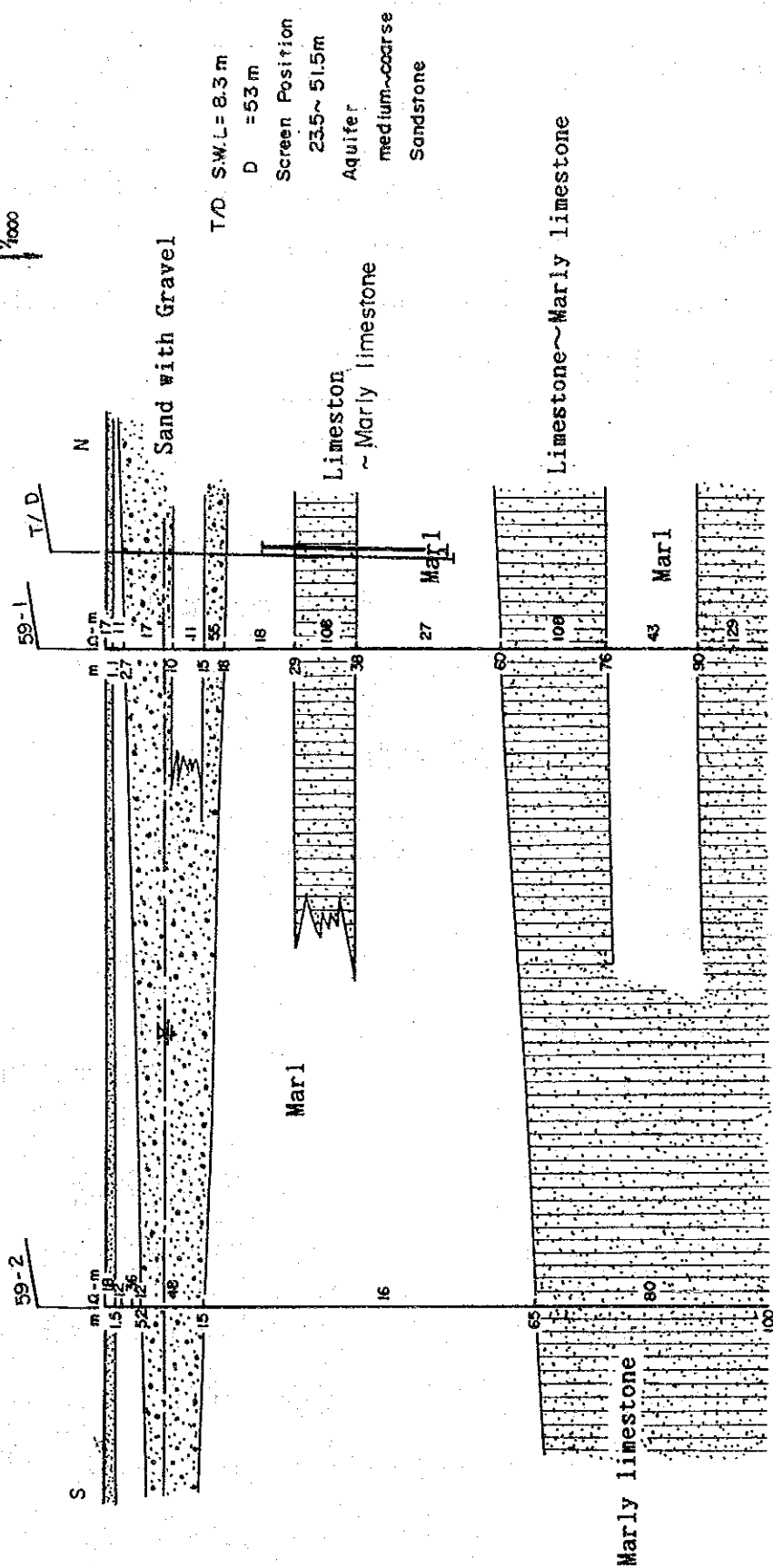


Hydrogeological Section of Ankatratra Area (58)

The Locations of Investigation & The Topographical Feature










EL=122m

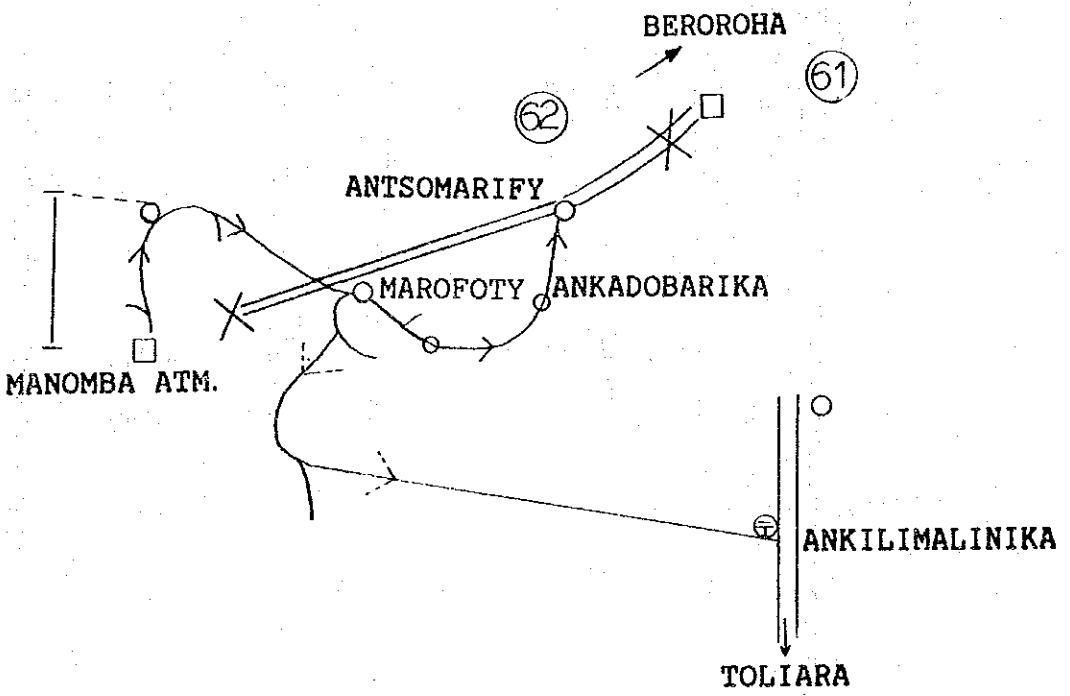


Hydrogeological Section of Ampihamy Area (59)

The Locations of Investigation & The Topographical Feature

Candidate Village	No. 61, 62	EL.	m
	Name Antsomarify, Beroroha		

 Settlement	 Electric Vertical Sounding	
 Magneto-telluric Sounding Point		
 Well	 Spring	 Test Drilling Point
 Candidate Drilling Point		

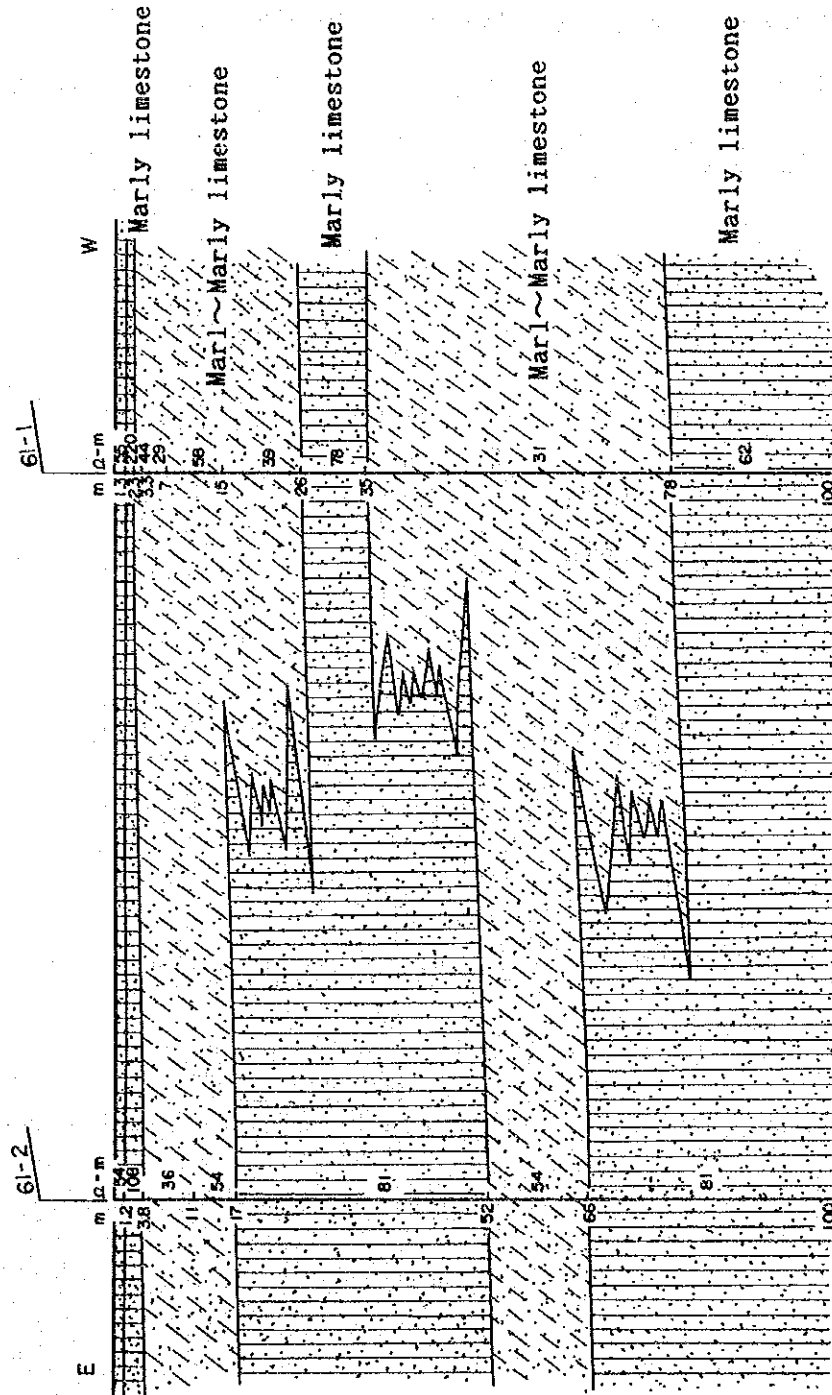
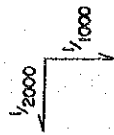


16-11.1989

No. 61

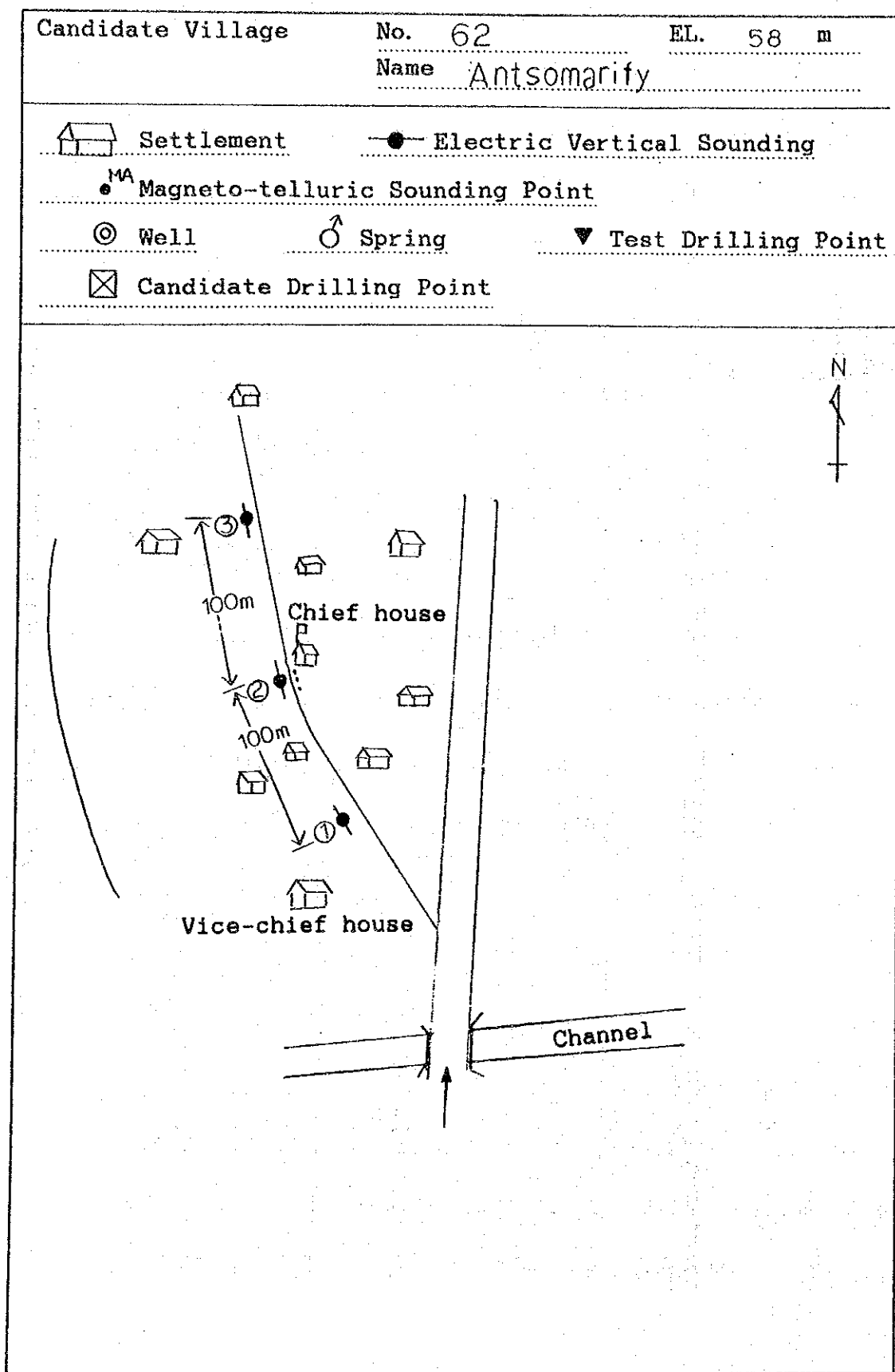
Beroroha

EL=40m



Hydrogeological Section of Beroroha Arae (61)

The Locations of Investigation & The Topographical Feature

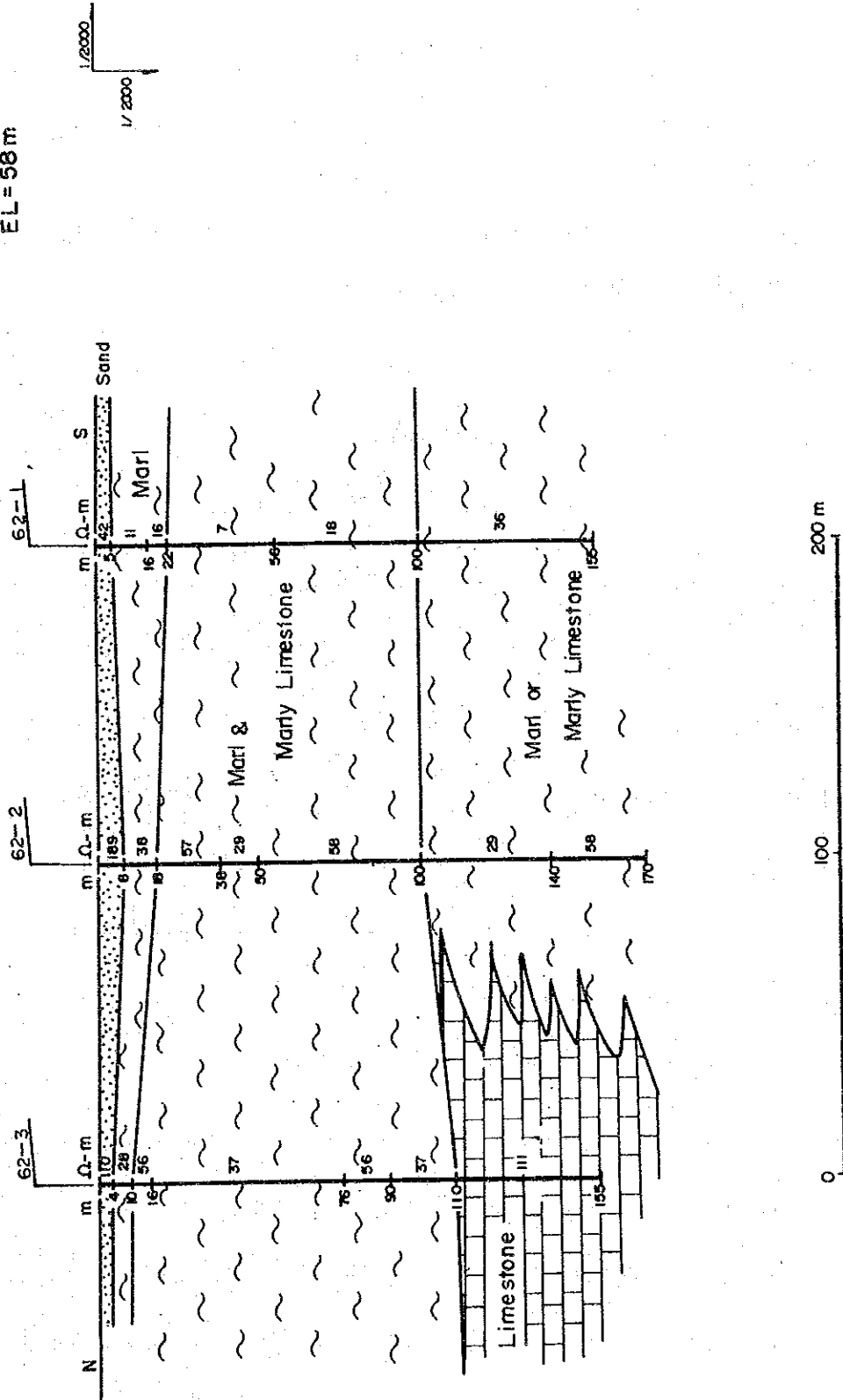


29-6-90

No. 62

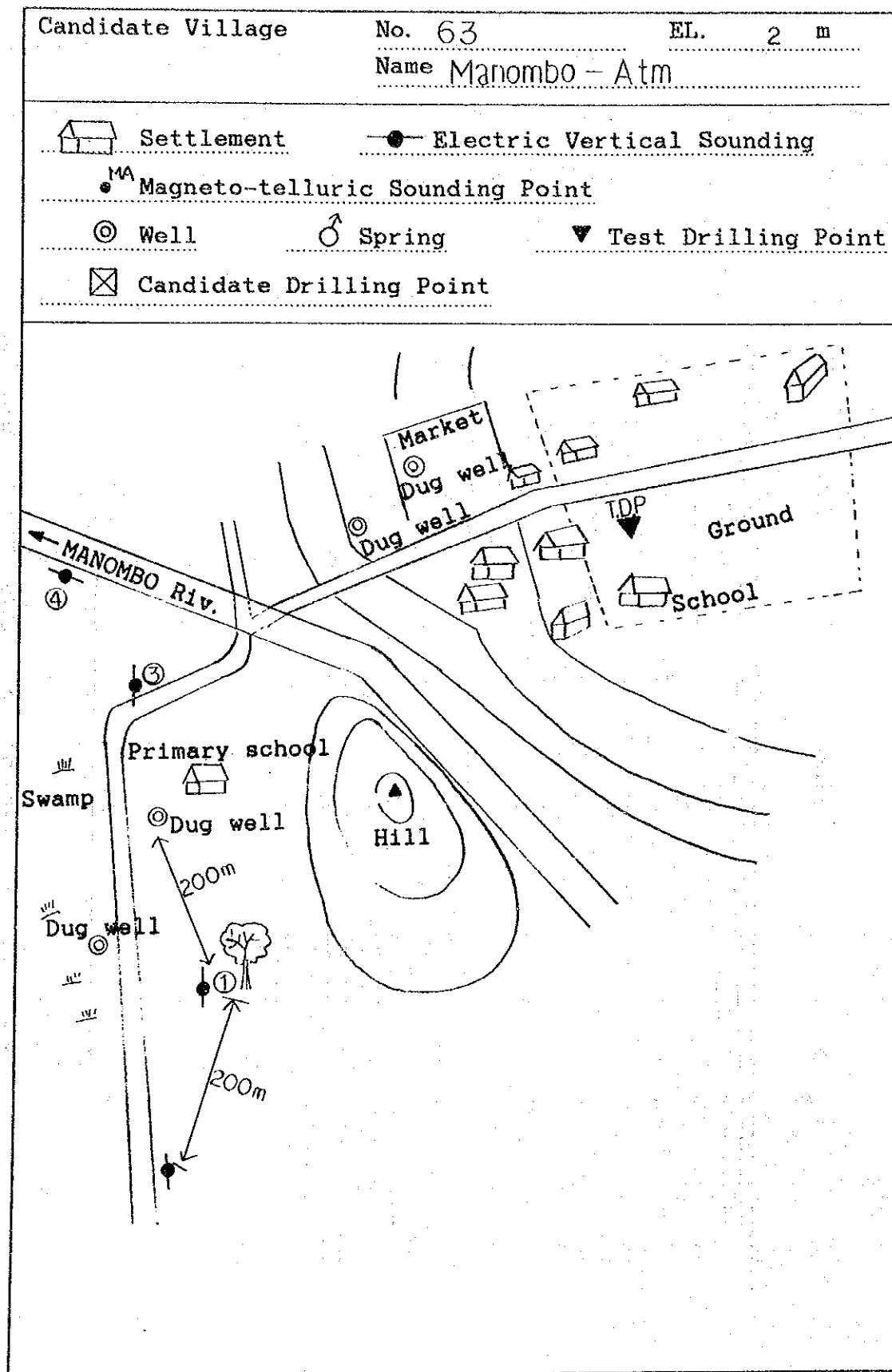
Antsomarify

EL = 58 m



Hydrogeological Section of Antsomarify Area (62)

The Locations of Investigation & The Topographical Feature

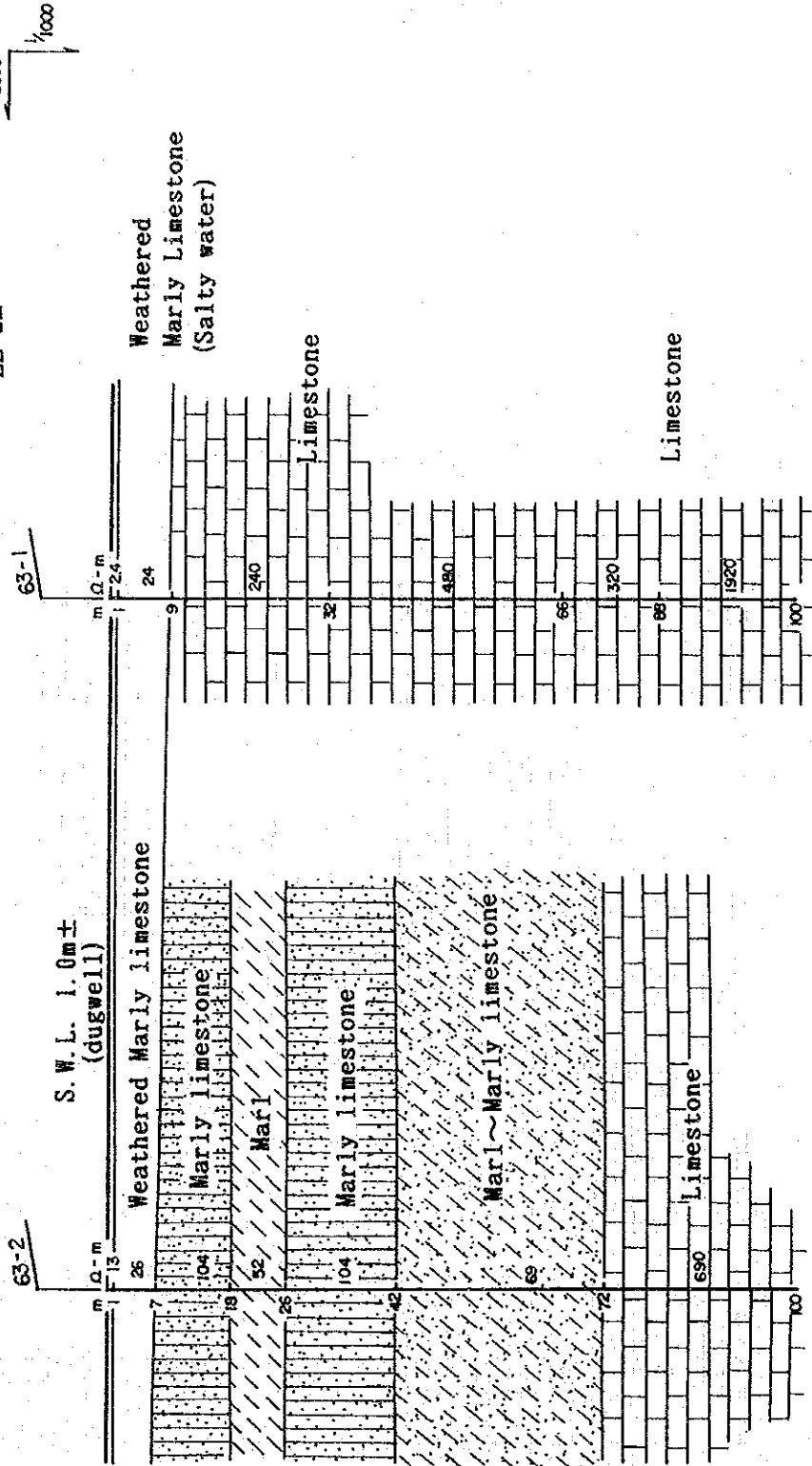
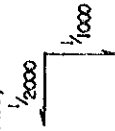


16-11.1989

No. 63

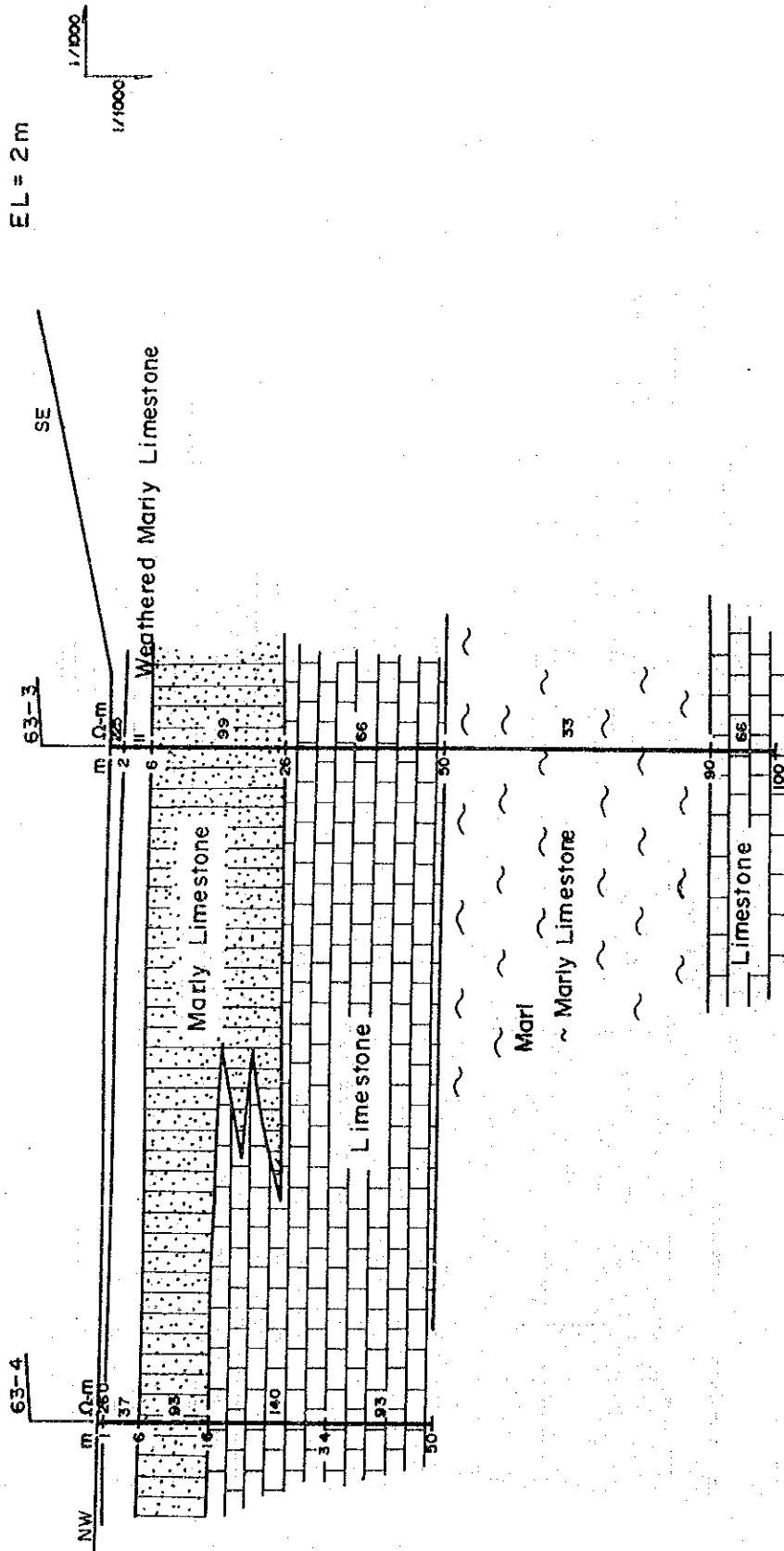
Manombo-Atm (Antsimo)

EL=2m



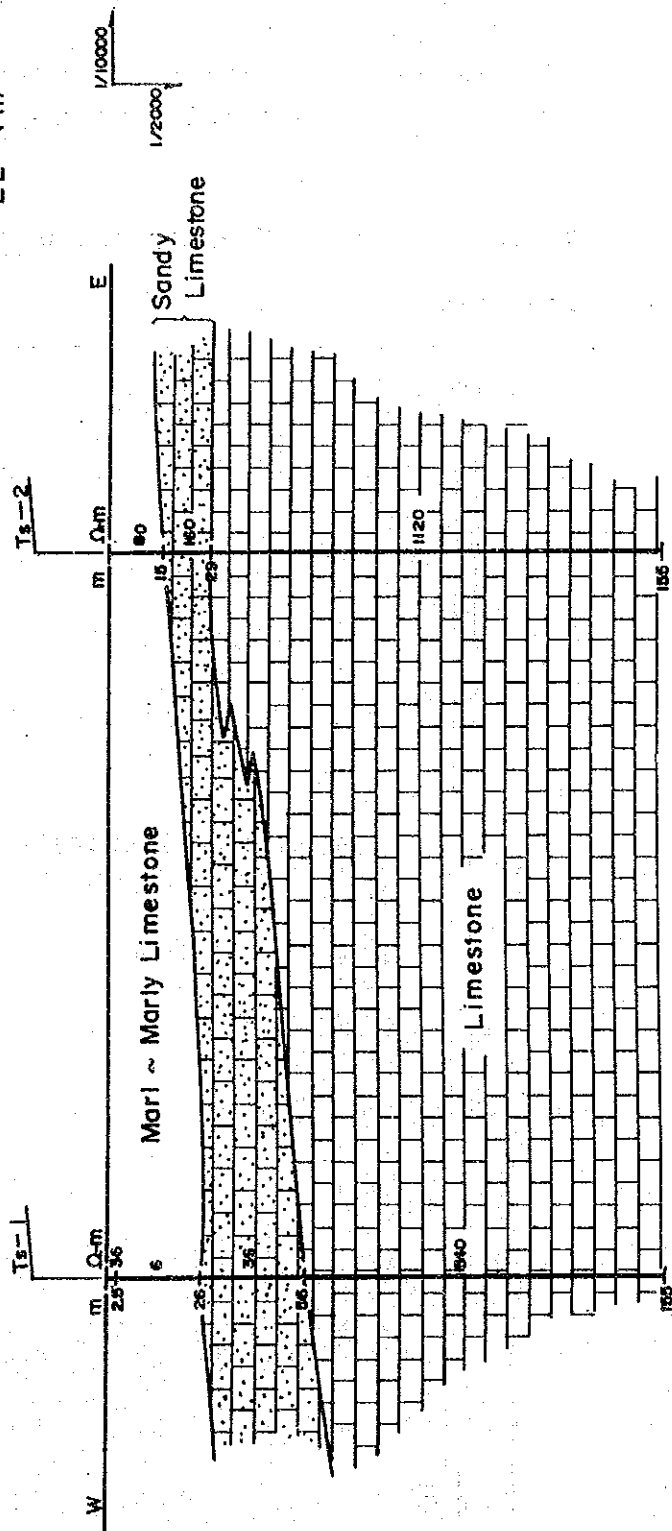
Hydrogeological Section of Manomba Area (63)

30. 6. 1990
 No. 63
 Manombo-Atm
 EL = 2 m



Hydrogeological Section of Manombo-Atm (63)

13-7-90
 No. 63'
 Tsifata
 EL = 4 m



Hydrogeological Section of Tsifata (63') Area

The Locations of Investigation & The Topographical Feature

Candidate Village No. 65 EL. 75 m
Name Ankaraobato

Settlement Electric Vertical Sounding
M Magneto-telluric Sounding Point
Well Spring Test Drilling Point
Candidate Drilling Point

S

100m

Meteorological observatory

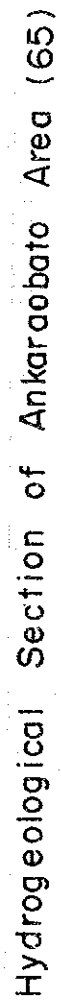
Antenna

100m

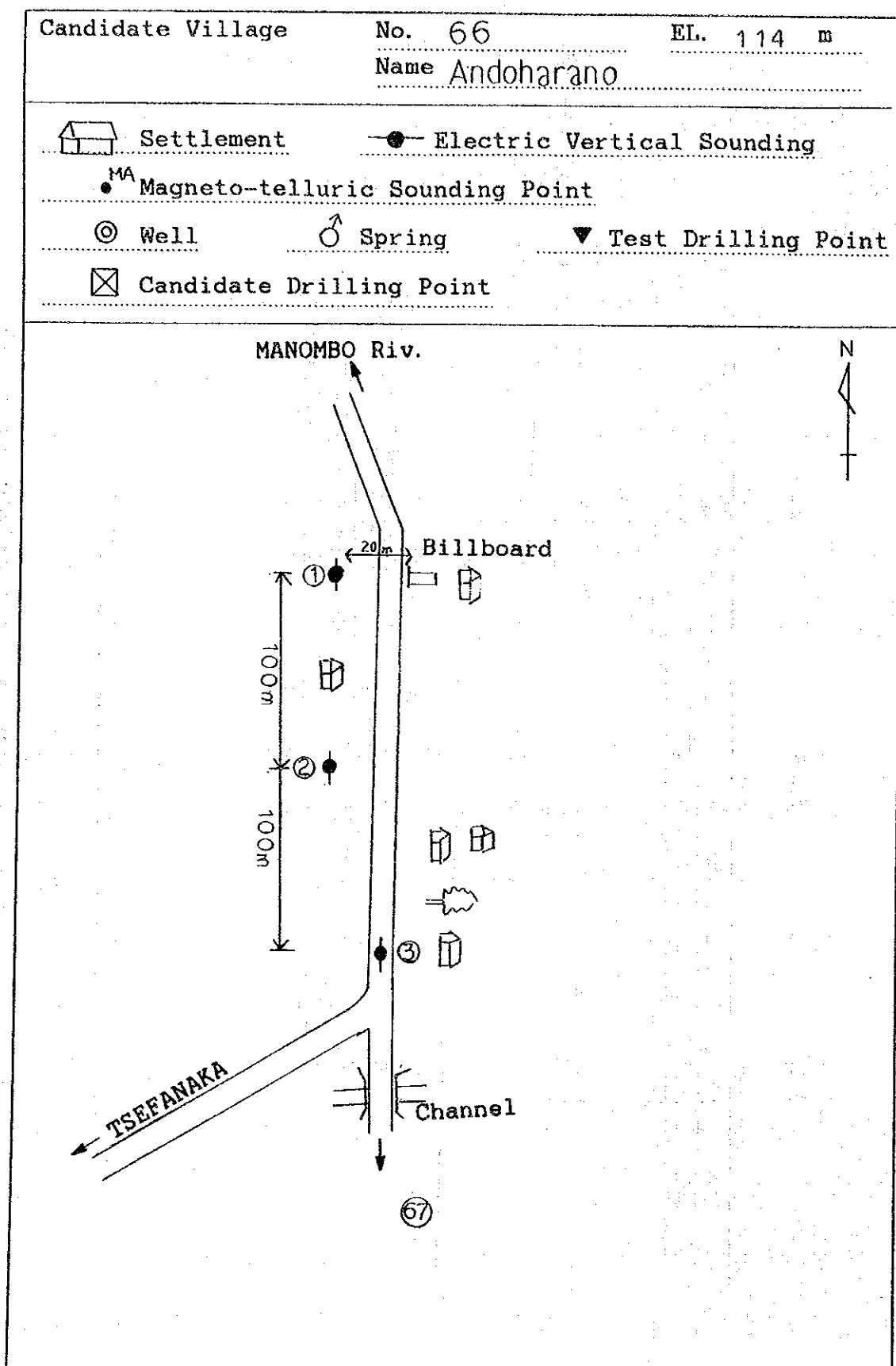
100m

N

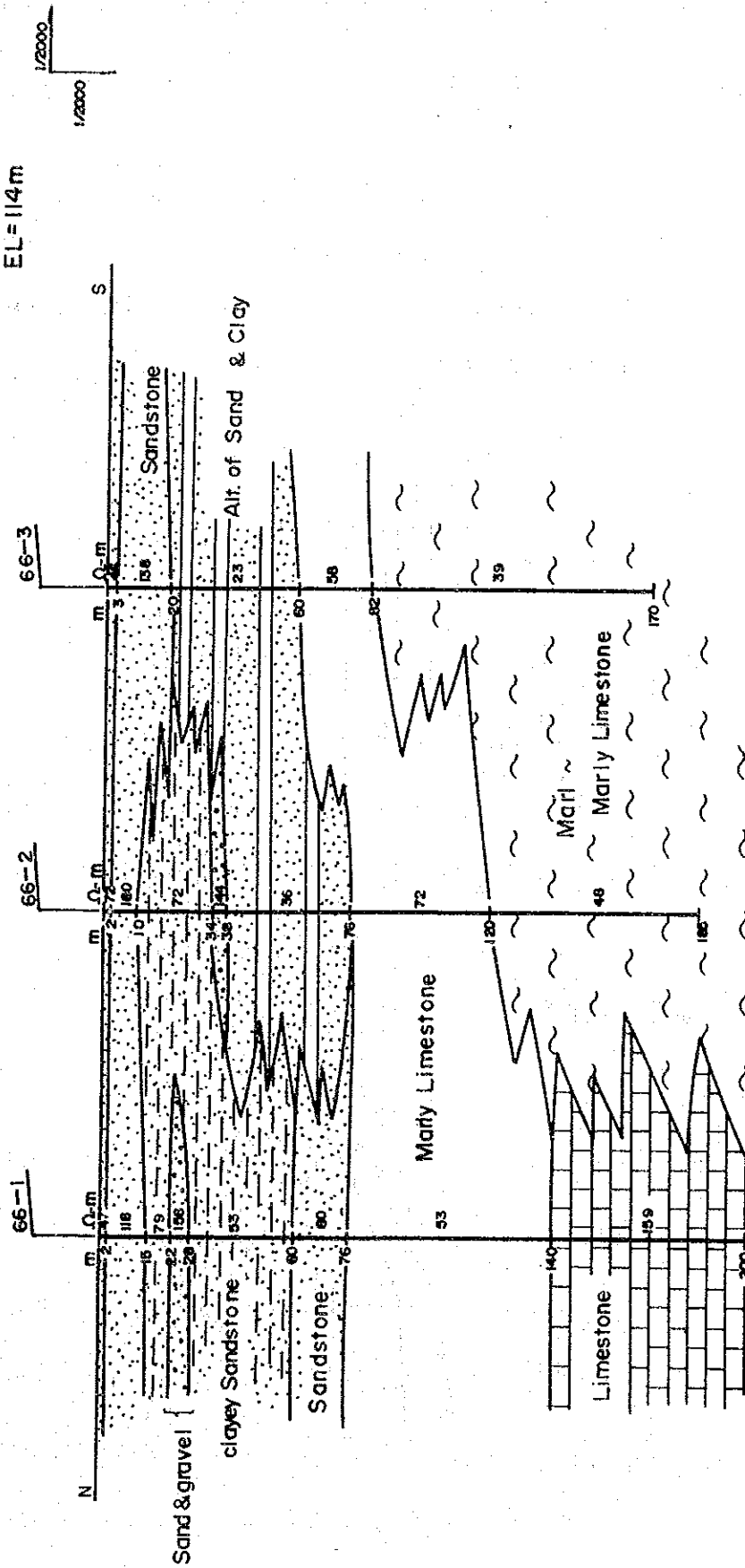
$EL=75m$



The Locations of Investigation & The Topographical Feature

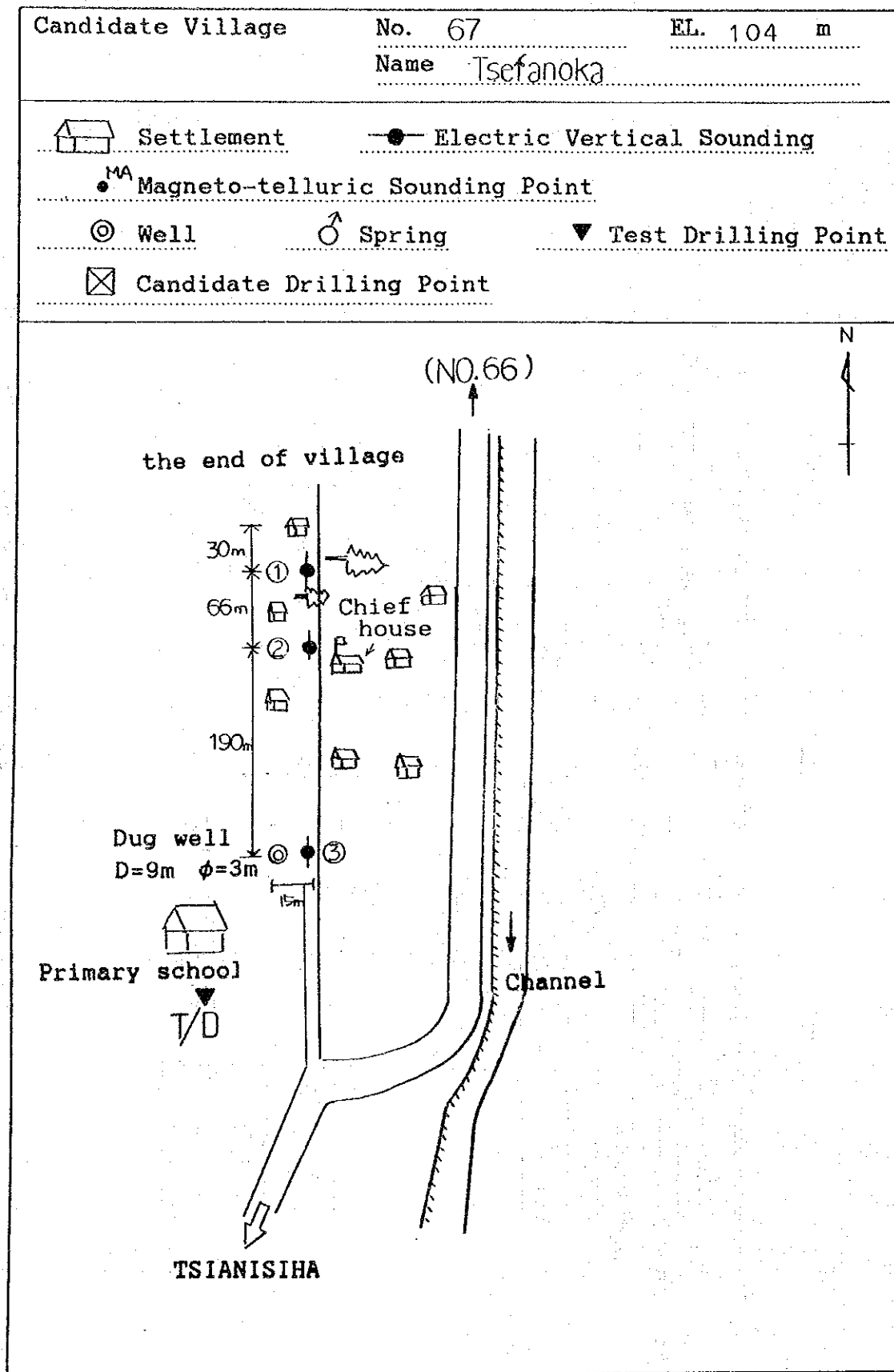


28-6-1990
No. 66
Andoharano
EL=114m



Hydrogeological Section of Andoharano Area (66)

The Locations of Investigation & The Topographical Feature

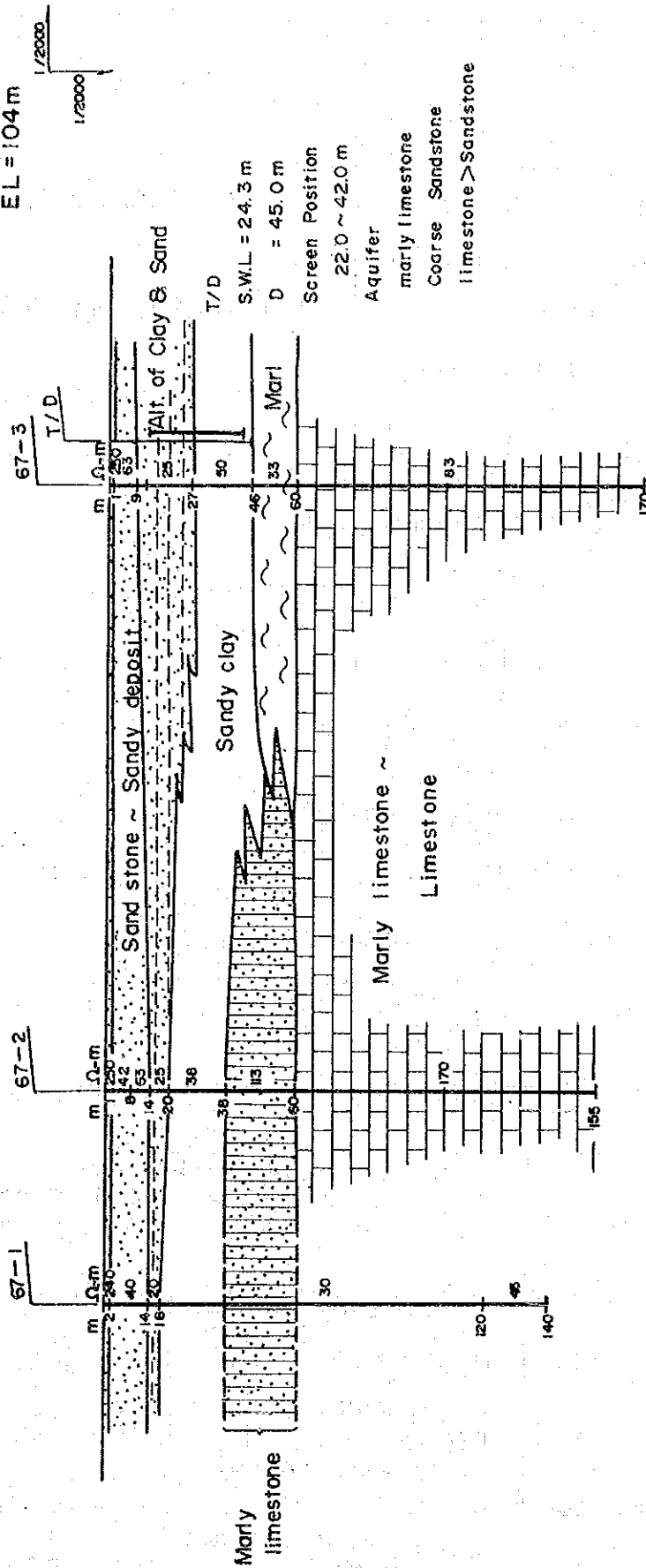


28-6-1990

No. 67

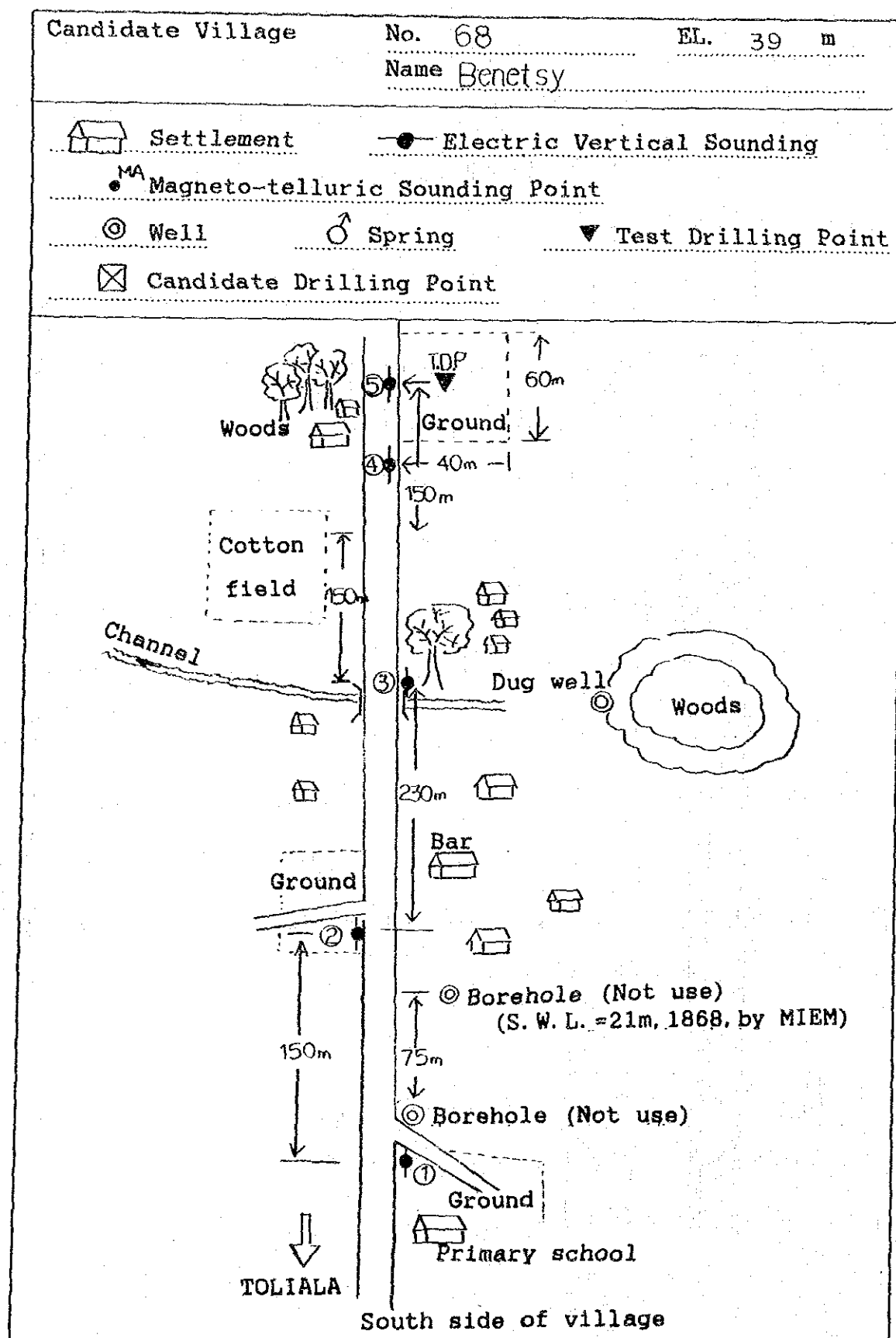
Tsefanoka

EL = 104 m

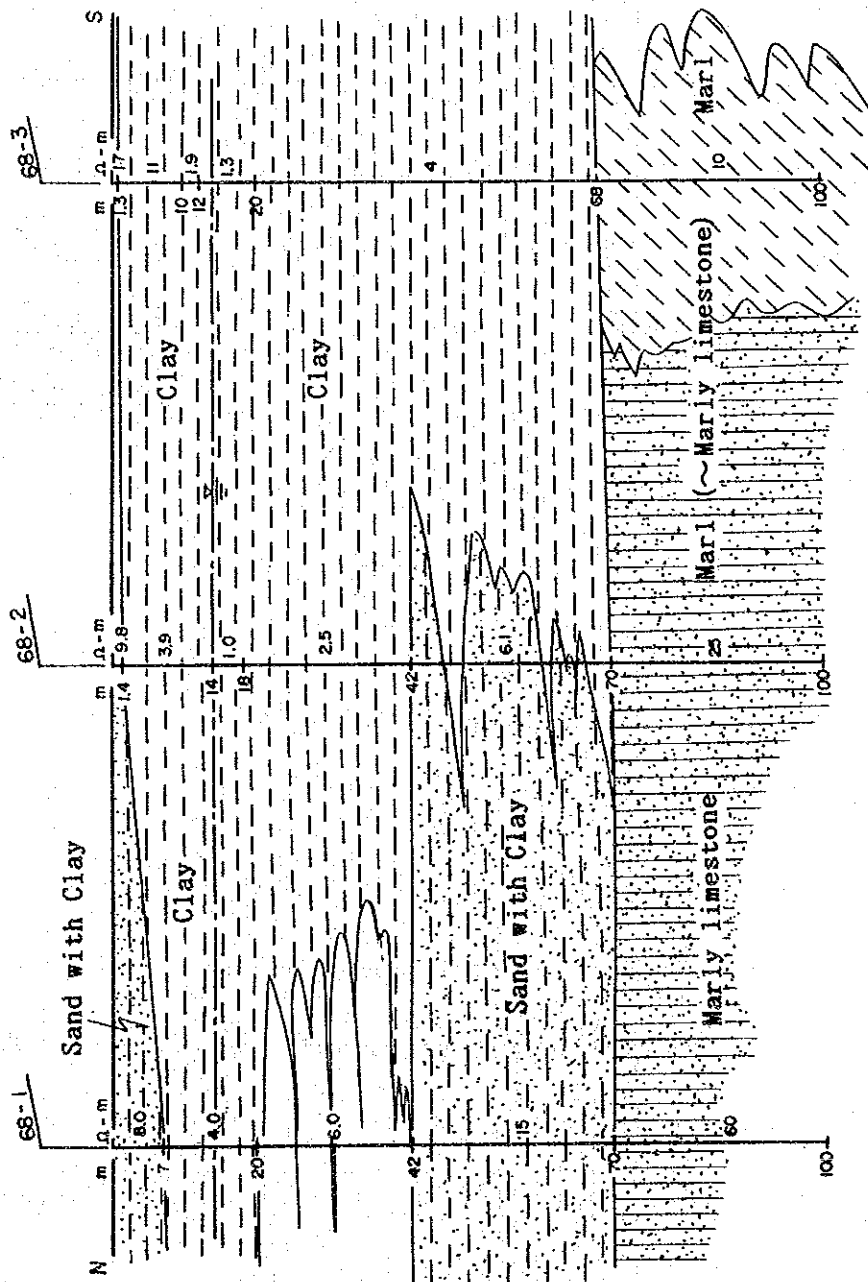
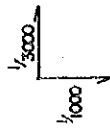


Hydrogeological Section of Tsefanoka Area (67)

The Locations of Investigation & The Topographical Feature

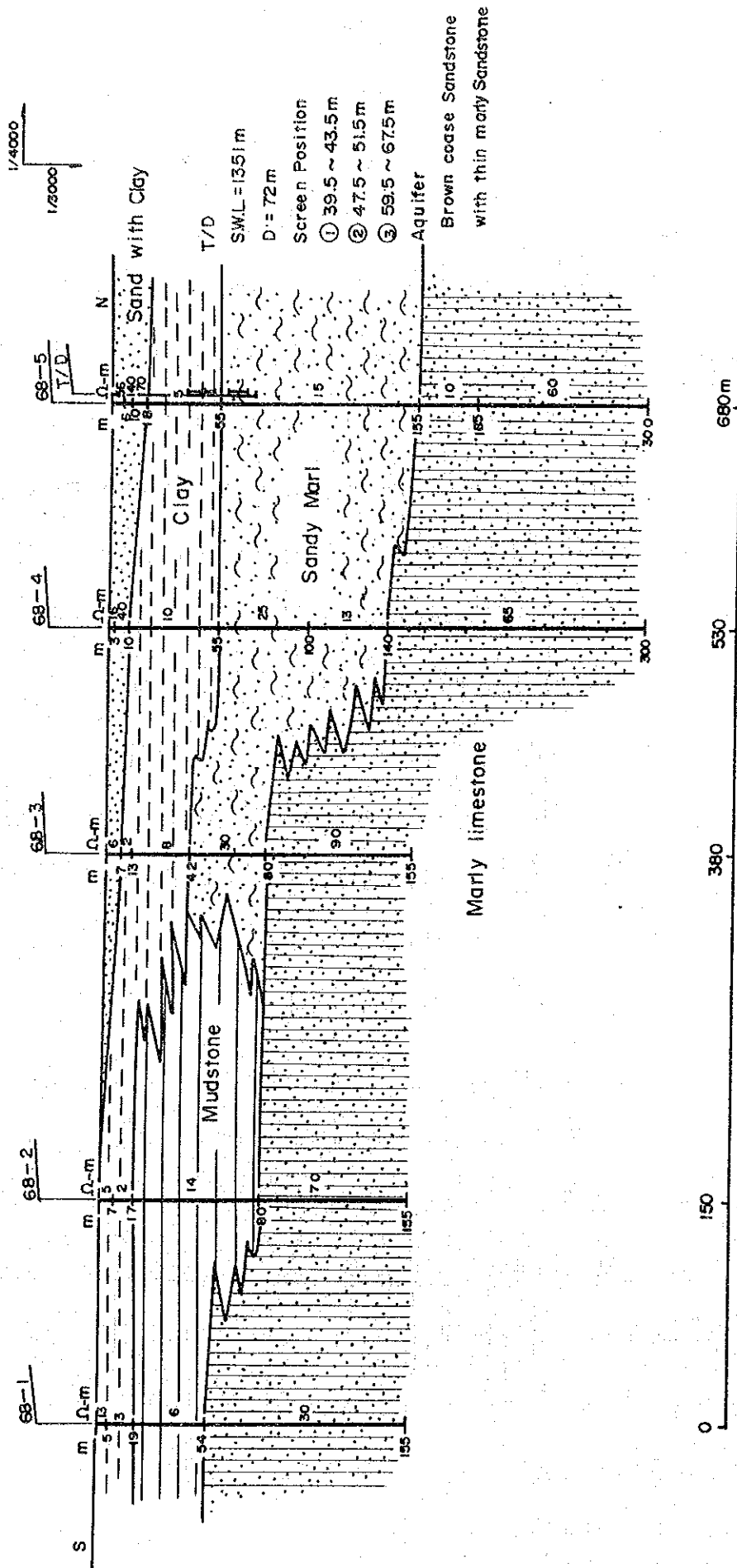


17-11.1989
 No. 68
 Benetsy
 EL=39m



Hydrogeological Section of Benetsy Area (68)

16-7-90
No. 68
Benetsy
EL = 56 m



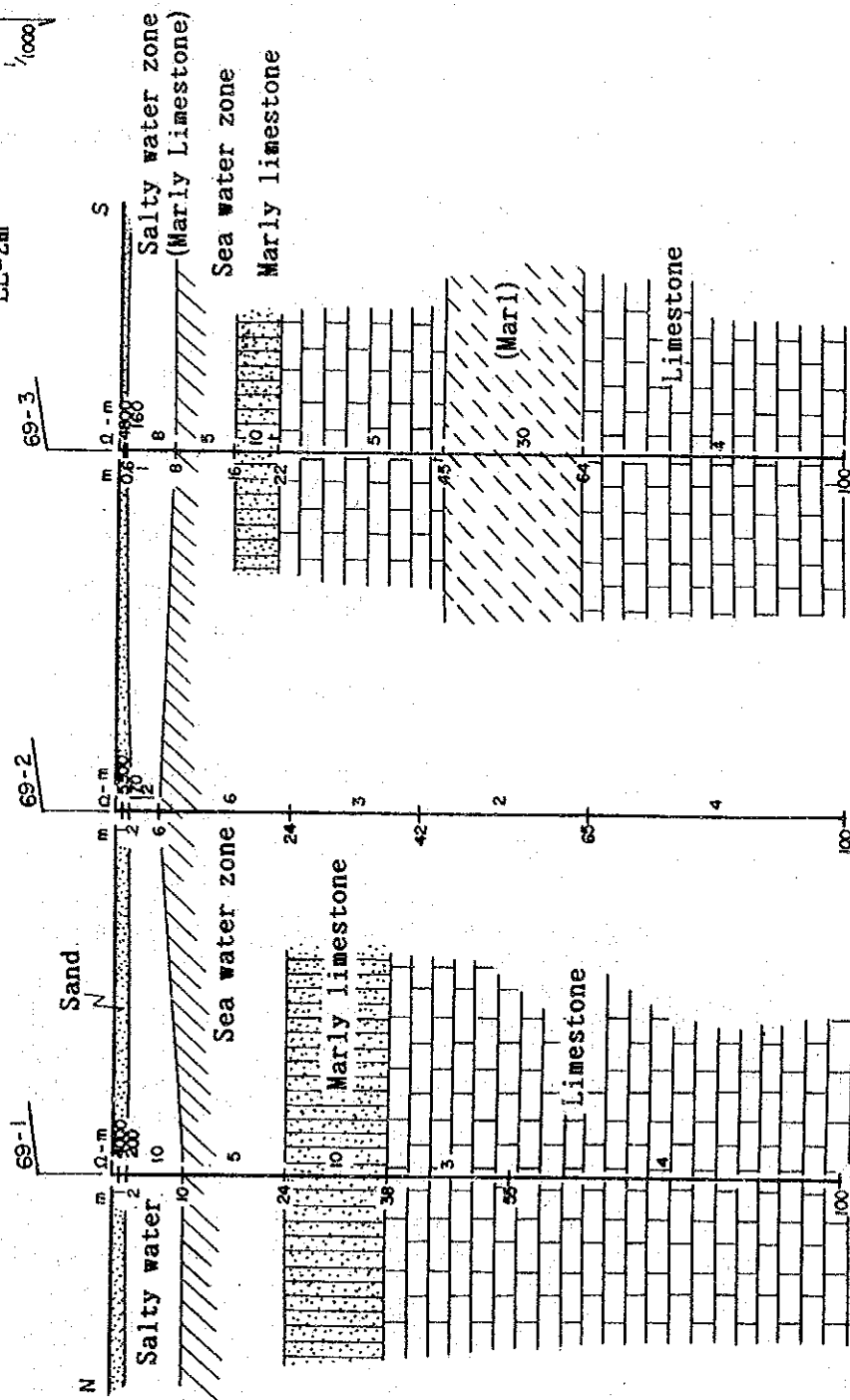
Hydrogeological Section of Benetsy Area (68) Part II

15-11, 1989

No. 69

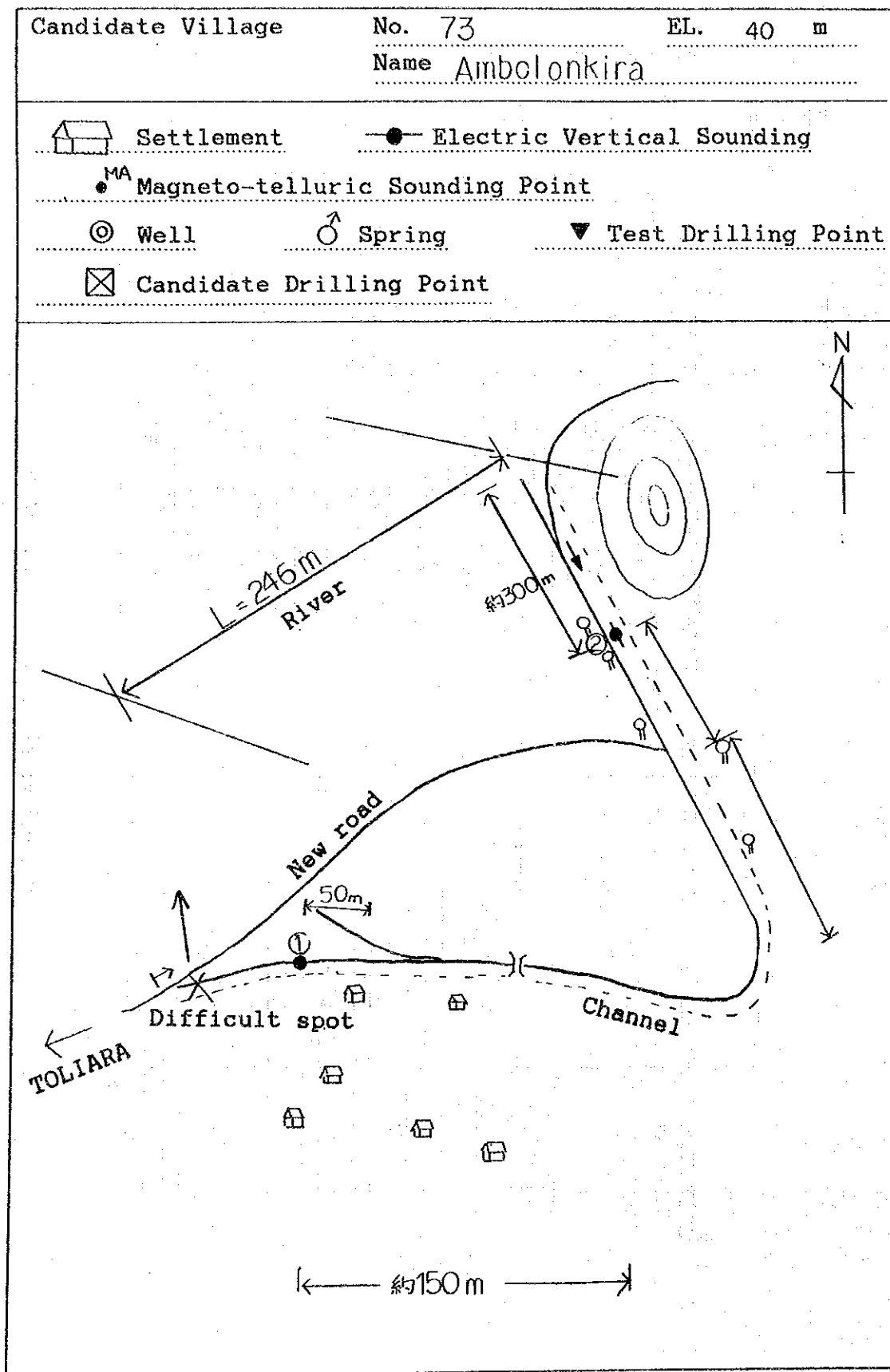
Andrevo

EL=2m

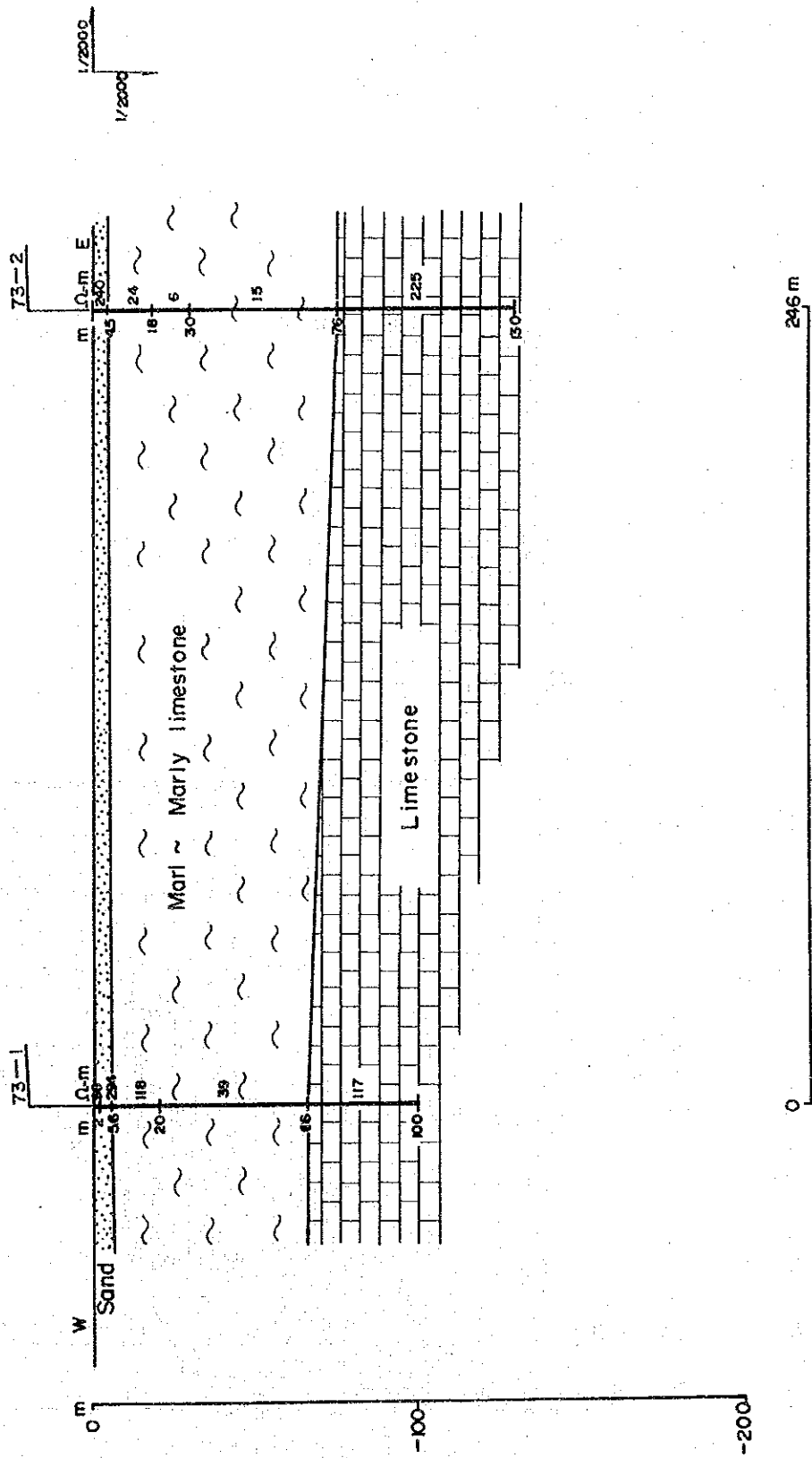


Hydrogeological Section of Andrevo Area (69)

The Locations of Investigation & The Topographical Feature



18-7-90
 No. 73
 Ambolonkira
 EL=40 m



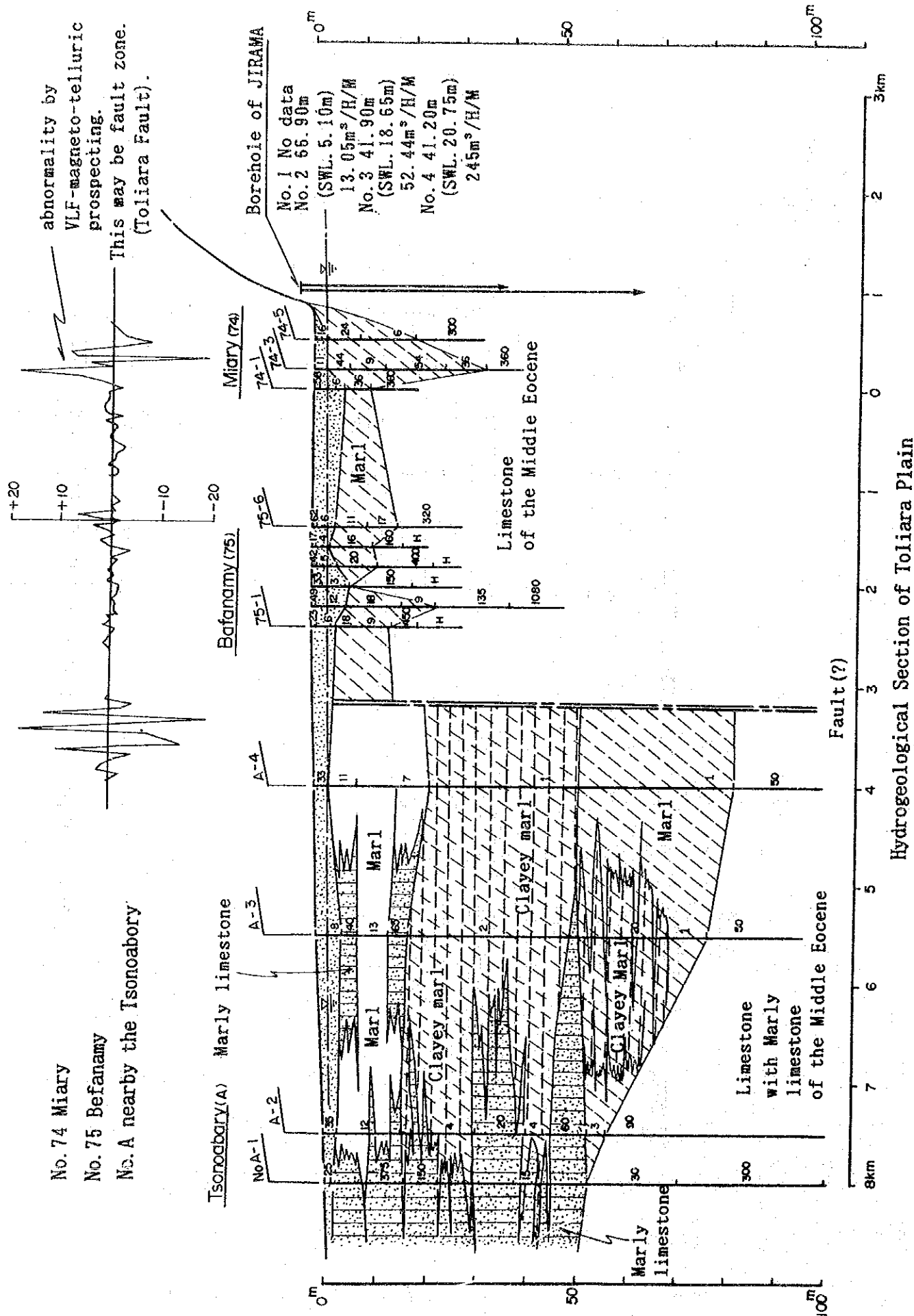
Hydrogeological Section Ambolonkira Area (73)

No. 74 Miary

No. 75 Befanamy

No. A nearby the Tsonobory

abnormality by
VLF-magneto-telluric
prospecting.
This may be fault zone.
(Toliara Fault).



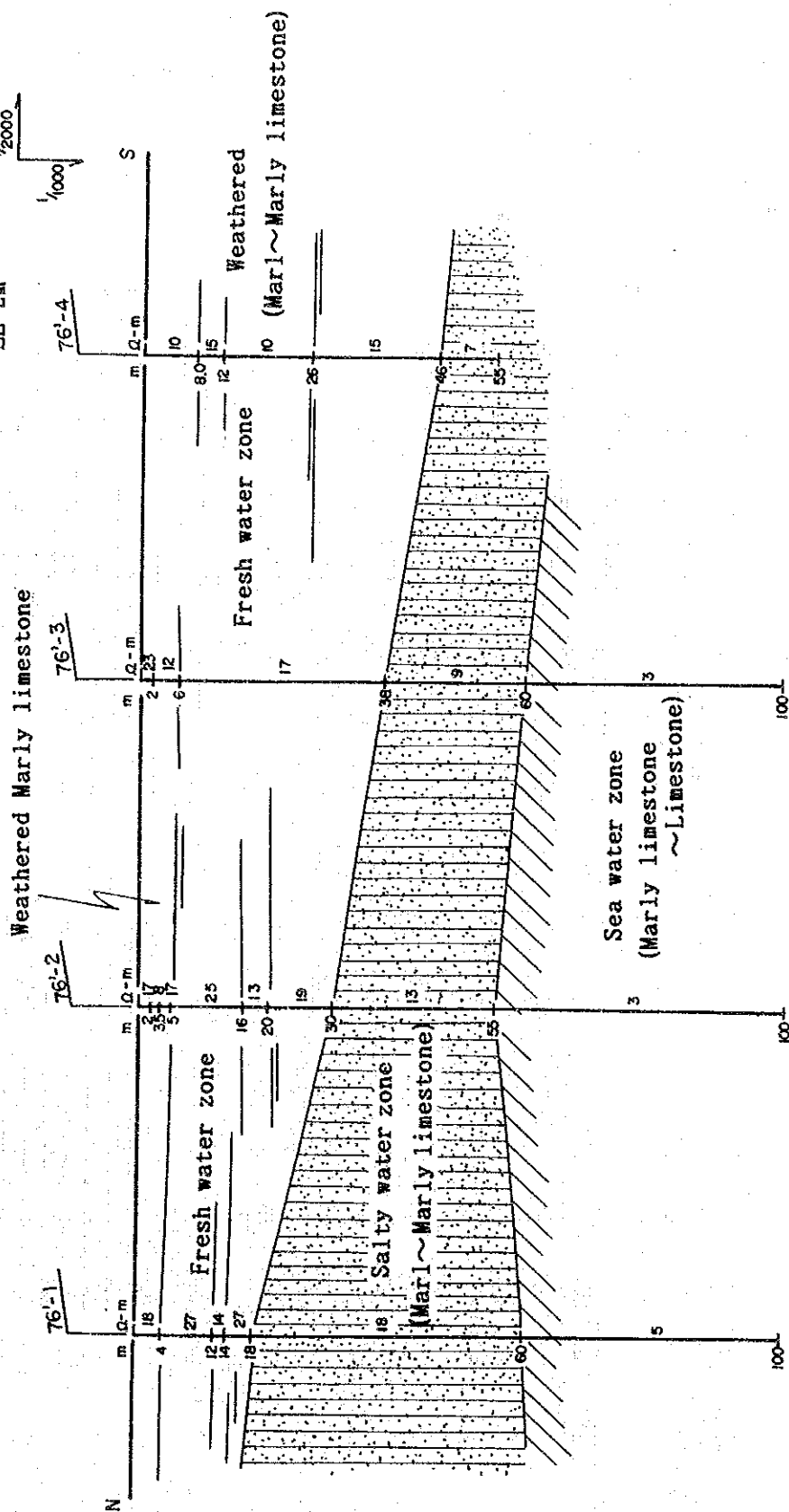
15-11.1989

No. 76

Tsivonoakely

EL=2m

1/1000
1/2000



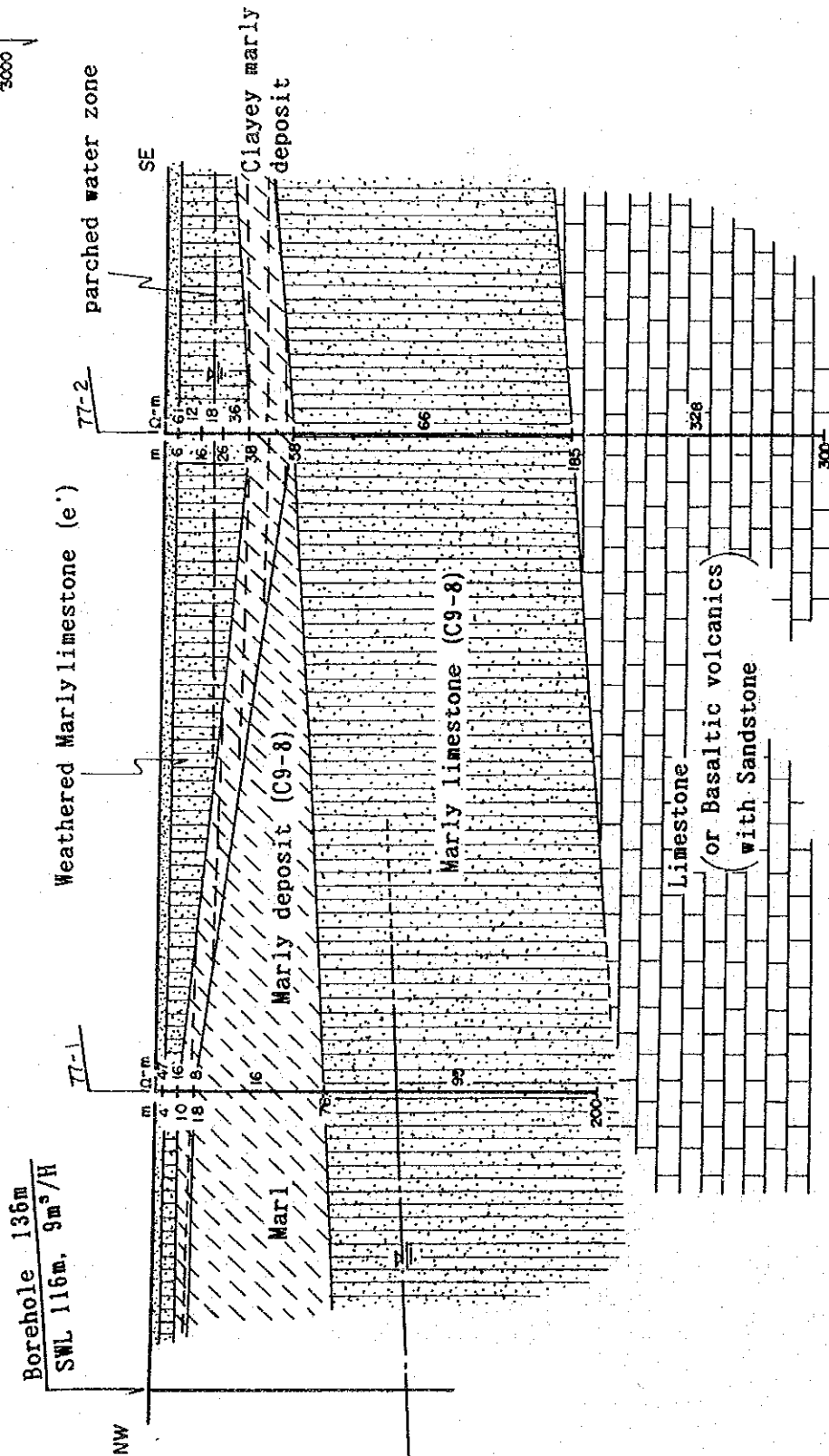
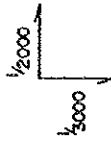
Hydrogeological Section of Tsivonoakely Area (76)

24-11.1989

No. 77

Andranovory








EL=483m

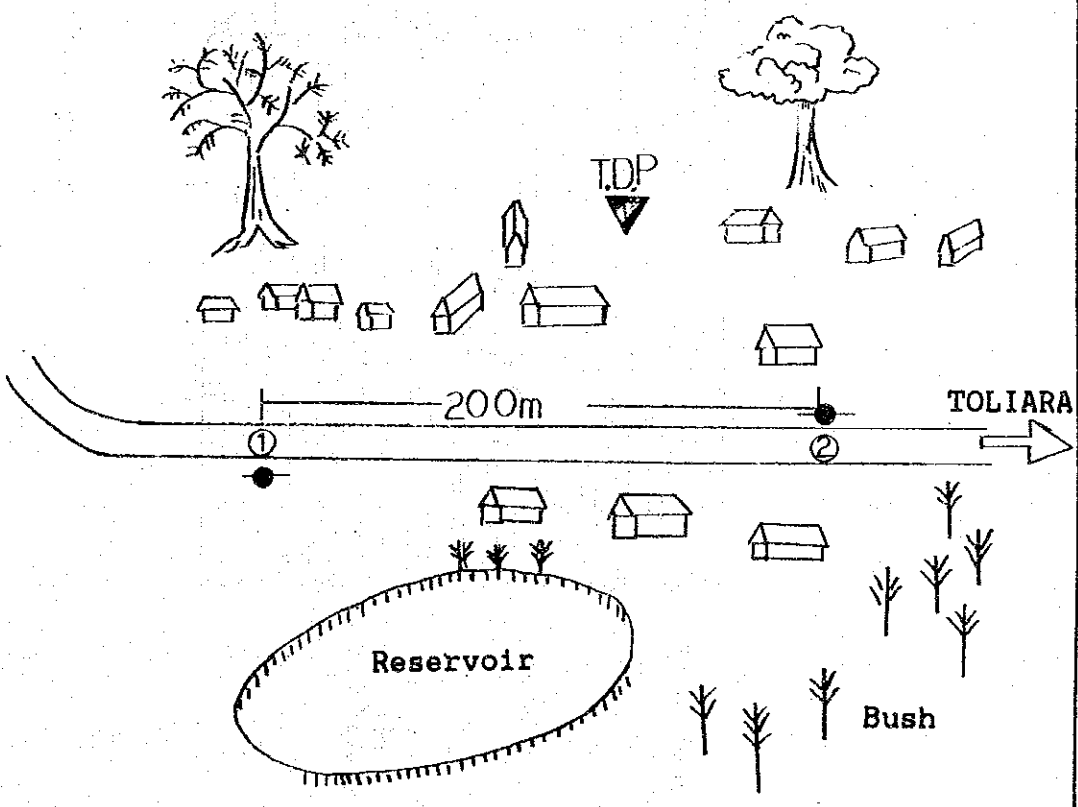


Hydrogeological Section of Andranovory Area (77)

The Locations of Investigation & The Topographical Feature

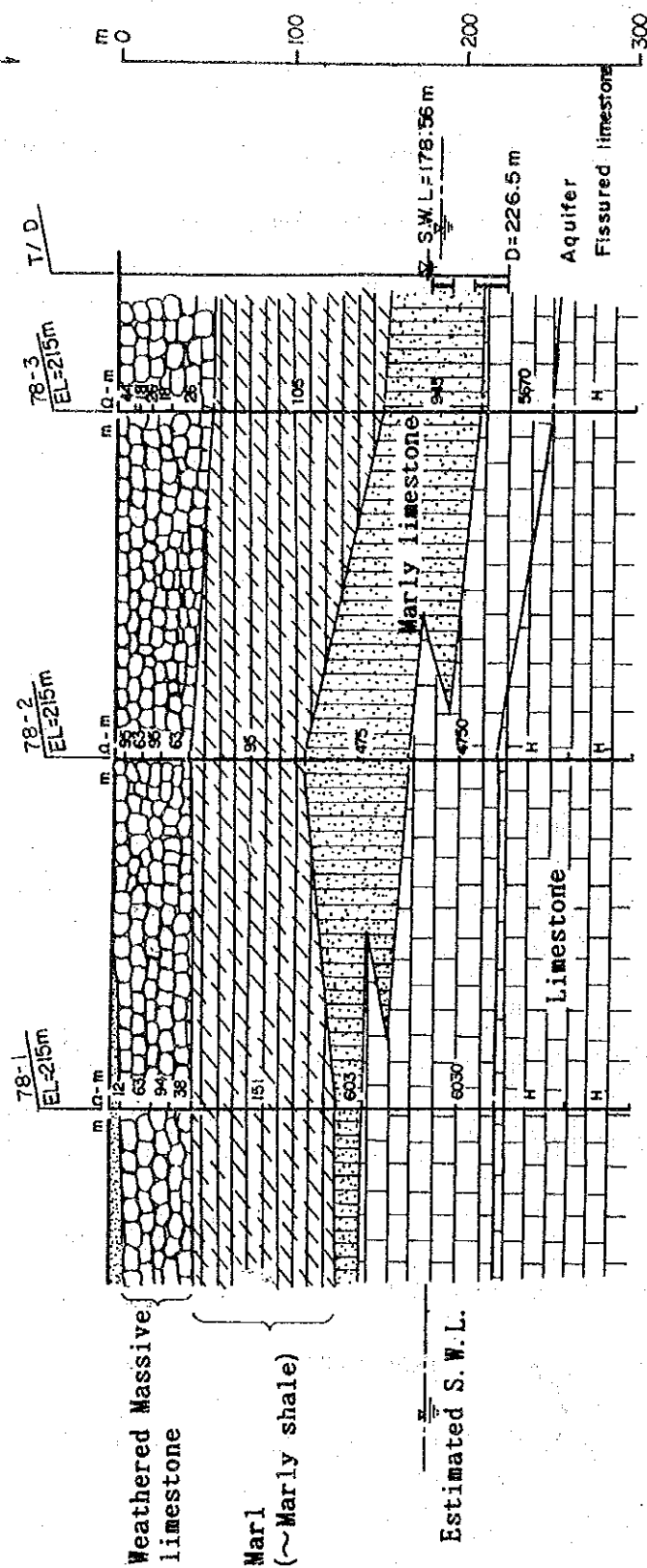
Candidate Village	No. 78	EL. 215 m
	Name Befoly	

 Settlement	 Electric Vertical Sounding	
 Magneto-telluric Sounding Point		
 Well	 Spring	 Test Drilling Point
 Candidate Drilling Point		



The map illustrates the village of Befoly and its surrounding features. A road runs horizontally across the middle, with a distance of 200m marked between two points labeled ① and ②. Point ① is marked with a dot and a horizontal line (Electric Vertical Sounding), while point ② is marked with a dot (Candidate Drilling Point). To the left of the road is a large tree and a cluster of houses. To the right is another large tree and more houses. A Test Drilling Point (inverted triangle) is located above the road, and a Magneto-telluric Sounding Point (dot with MA) is located below the road. A Reservoir is shown in the lower-left, and a Bush is shown in the lower-right. An arrow labeled TOLIARA points to the right at the end of the road.

25-10.1989
No. 78
Befoly



Hydrogeological Section of Befoly Area (78)

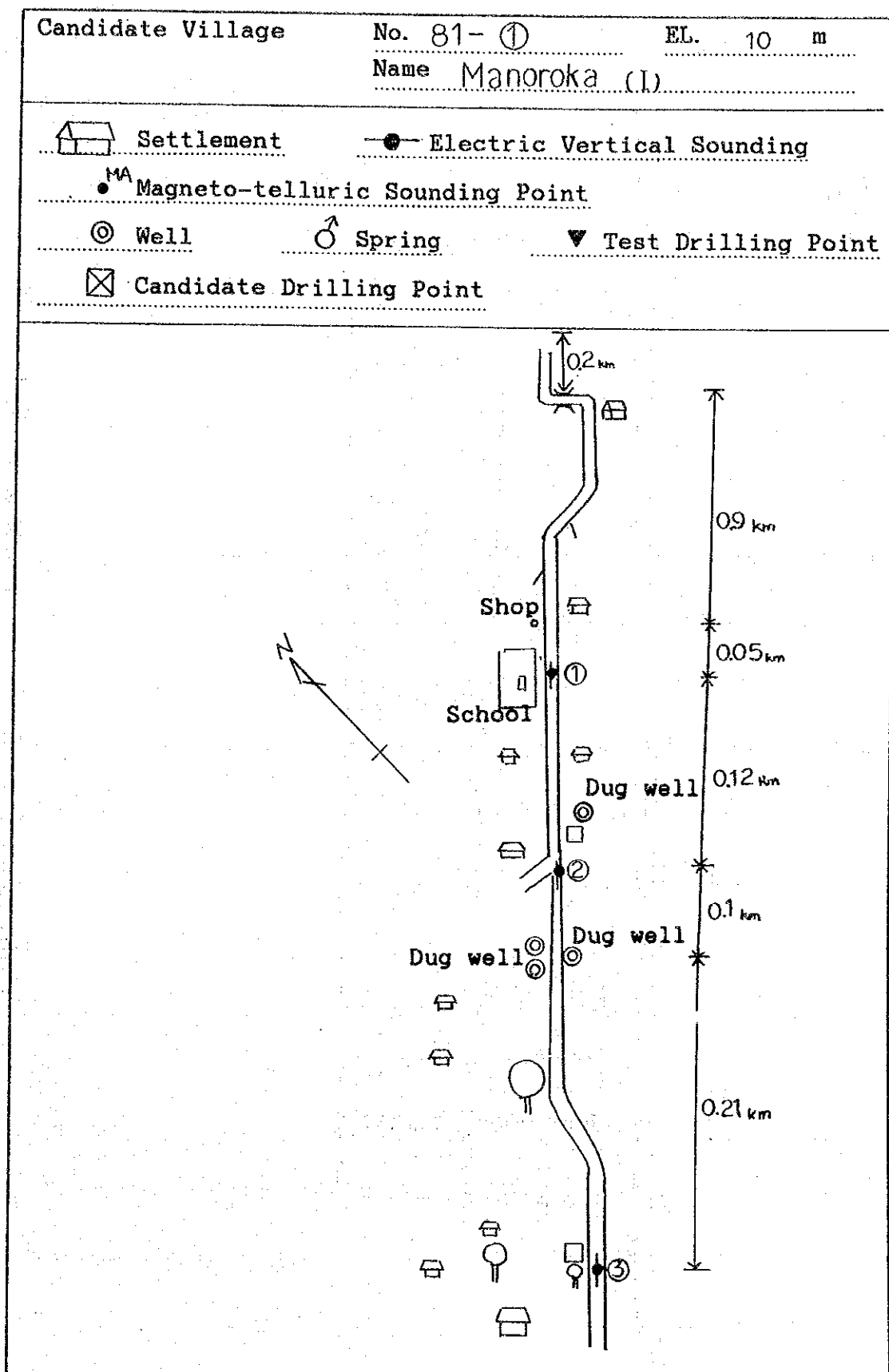
The Locations of Investigation & The Topographical Feature

Candidate Village	No. 80	EL. 22 m
Name Ambohimahaveloma		

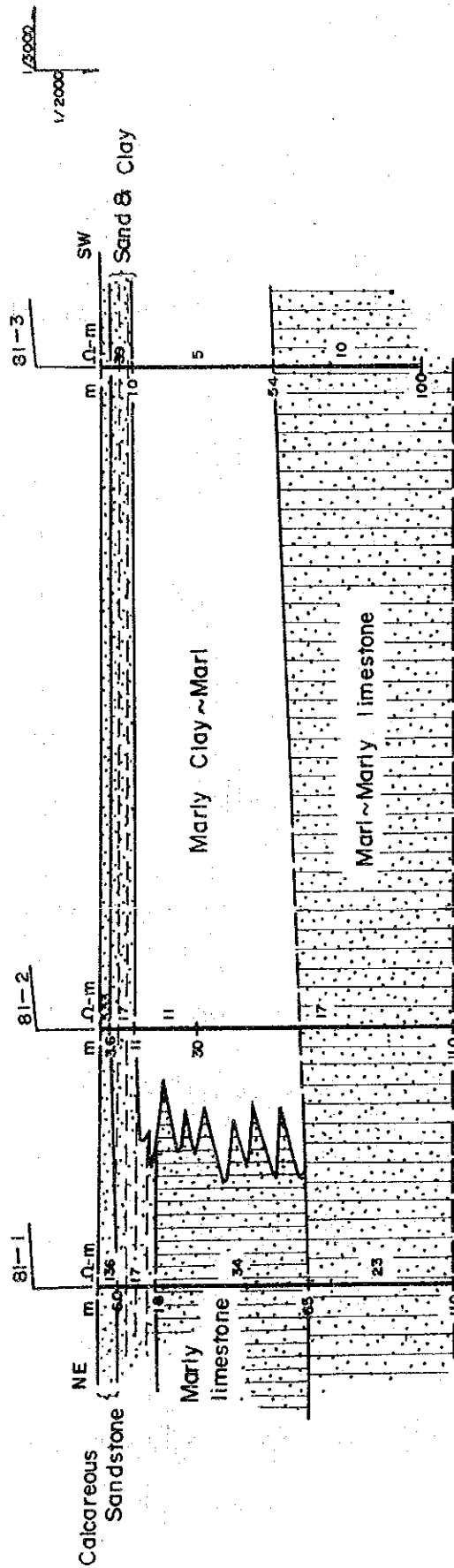
Settlement Magneto-telluric Sounding Point Well Spring Candidate Drilling Point	Electric Vertical Sounding Test Drilling Point	
---	---	--

a hill (stratum of limestone)

The Locations of Investigation & The Topographical Feature

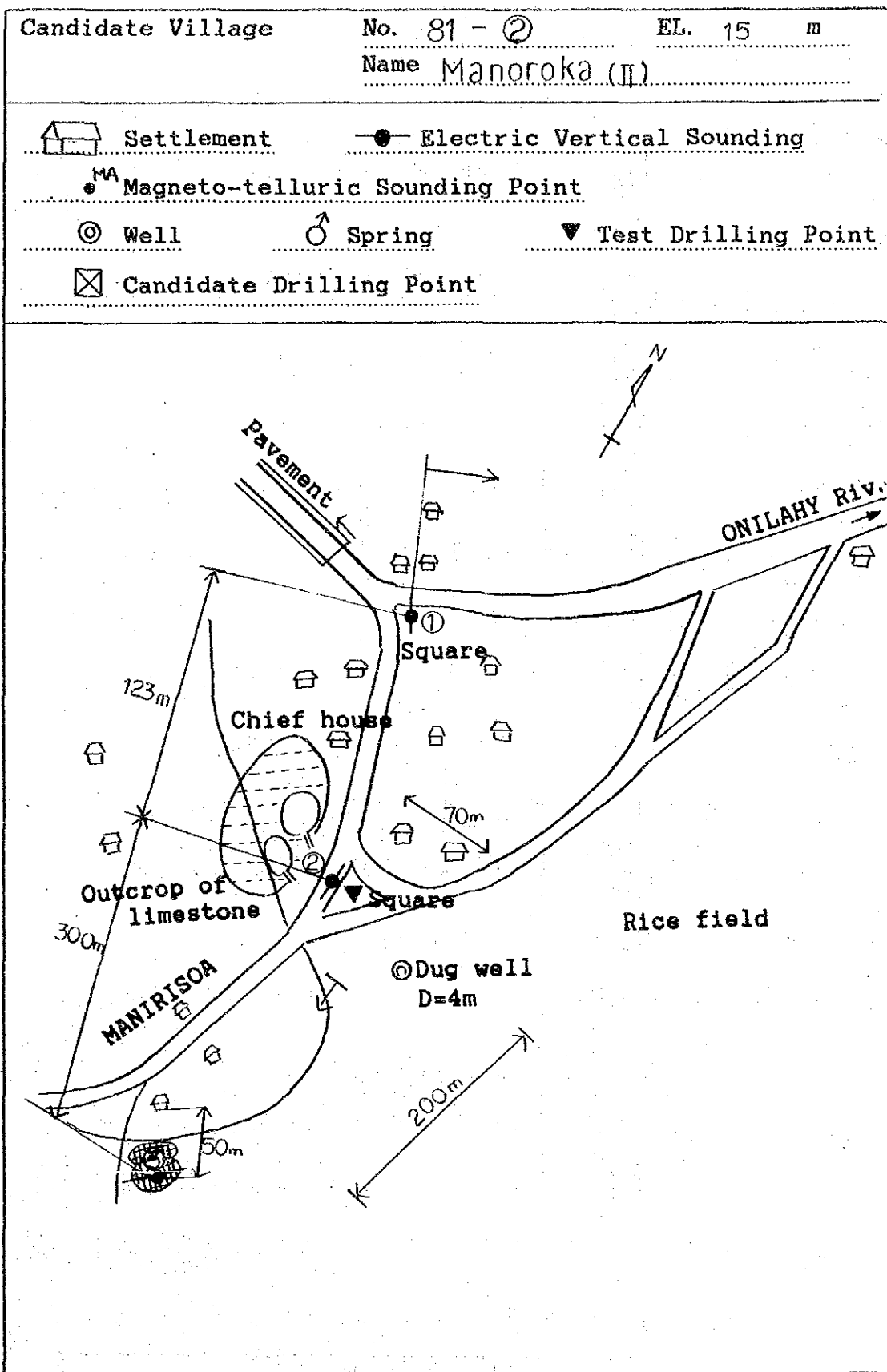


18-7-90
No. 81
Manoroka (I)
EL = 10m



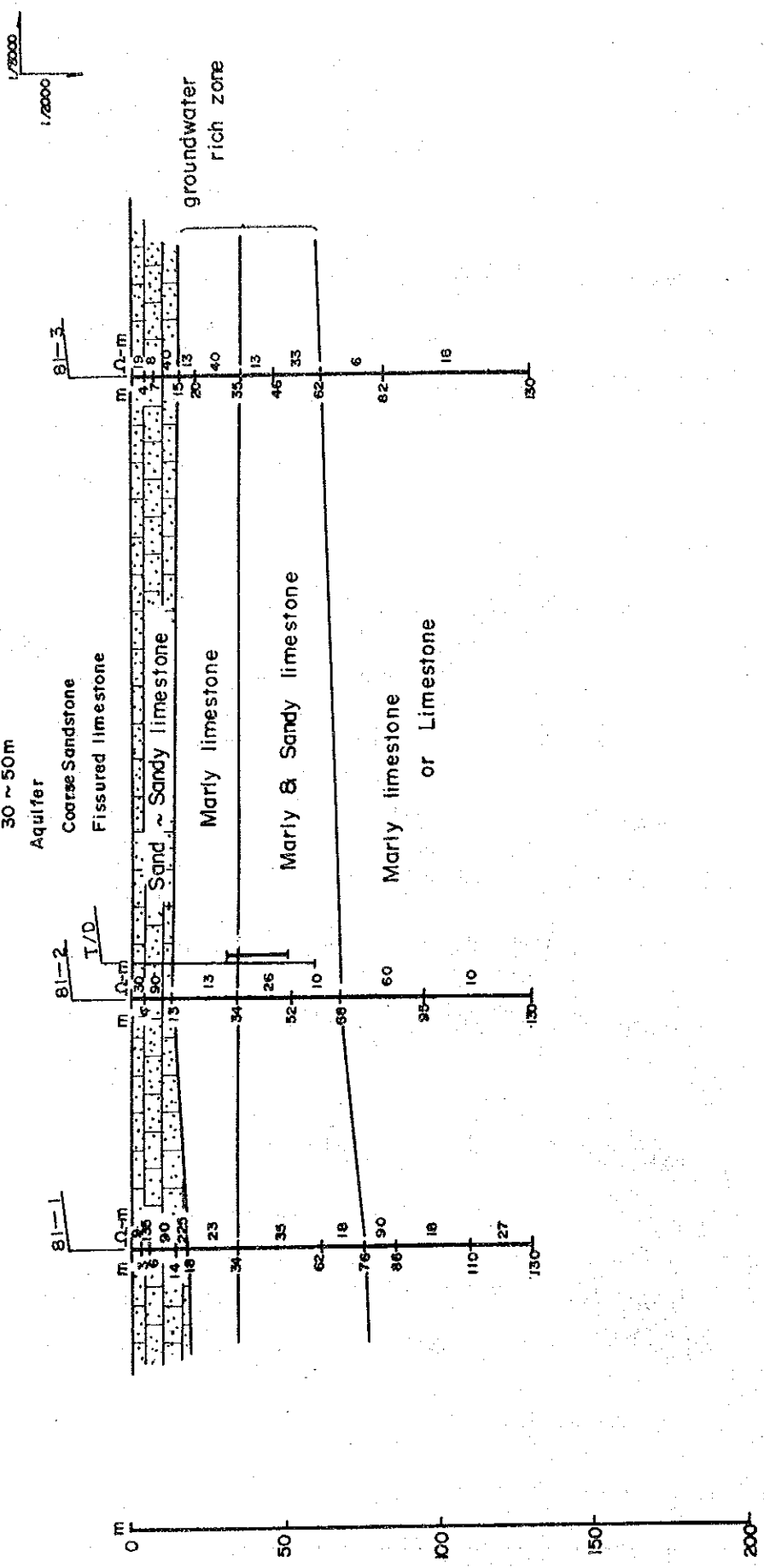
Hydrogeological Section of Manoroka (I) Area (81)

The Locations of Investigation & The Topographical Feature



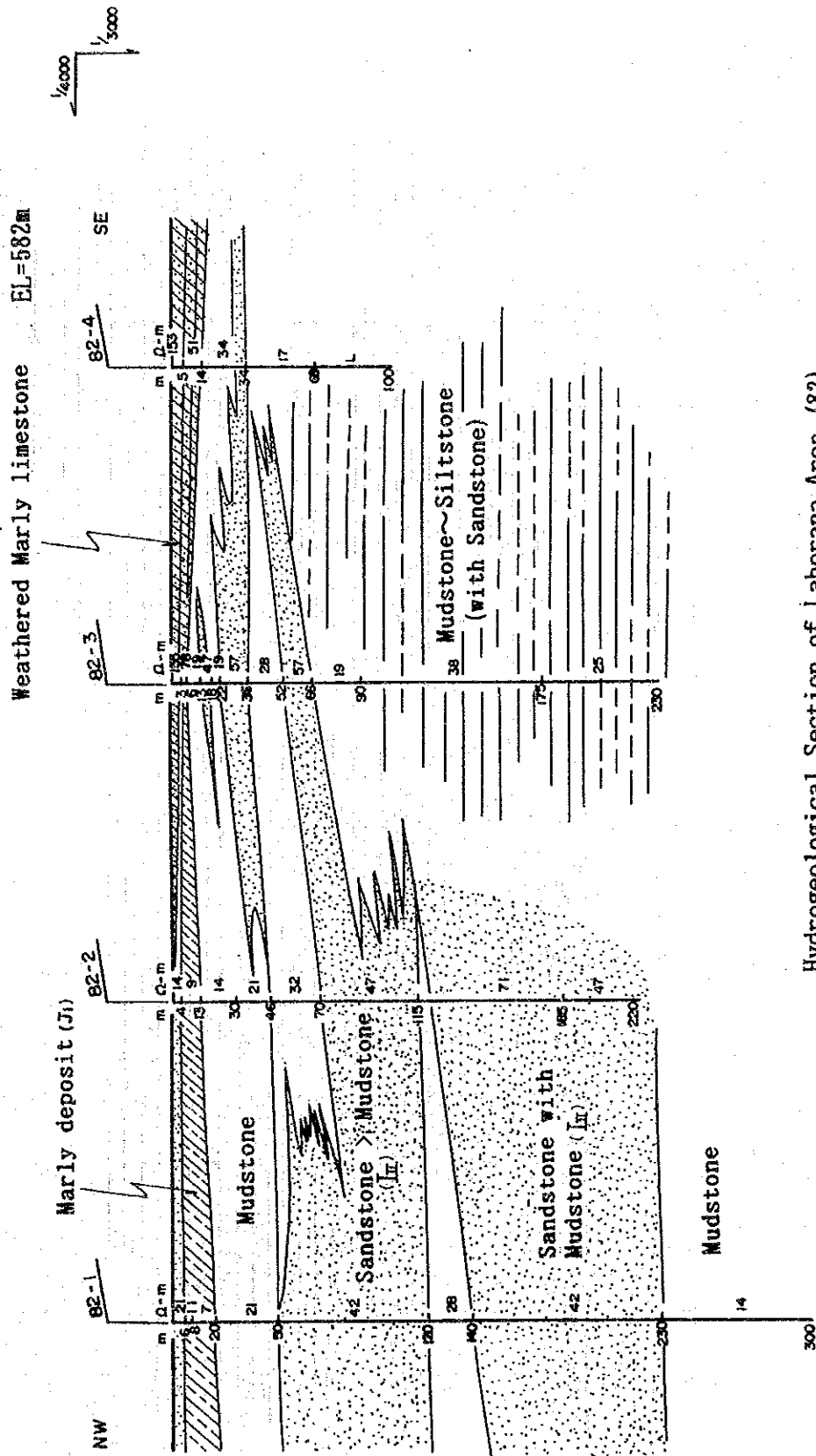
17-7-90
No. 81
Manoroka (II)
EL = 15m

T/D SWL. 5.23m
D = 58m
Screen Position
30 ~ 50m
Aquifer



Hydrogeological Section of Manoroka (II) Area (81)

21-11.1989
No. 82
Laborana
EL=582m



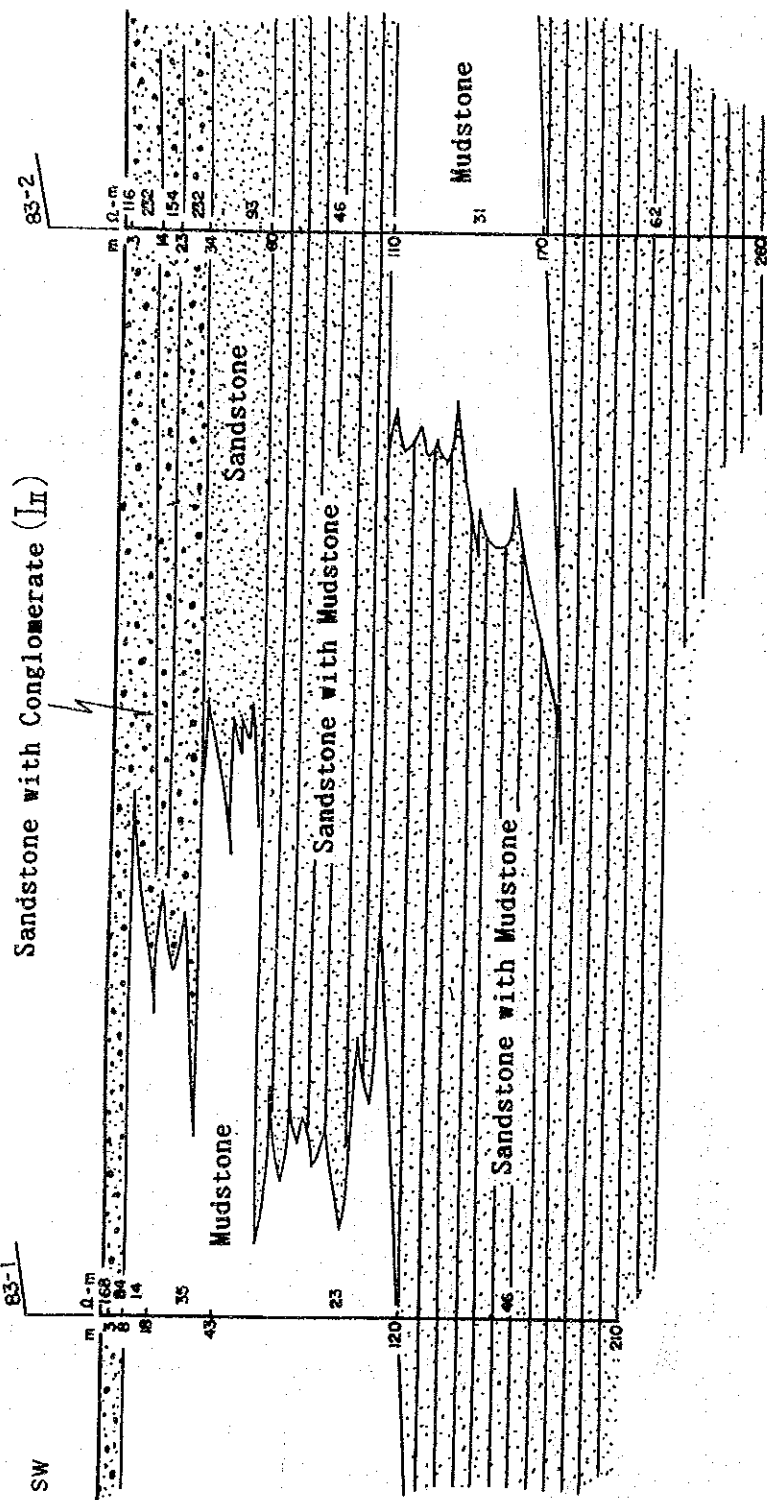
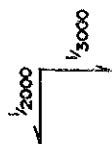
Hydrogeological Section of Laborana Area (82)

21-11, 1989

No. 83

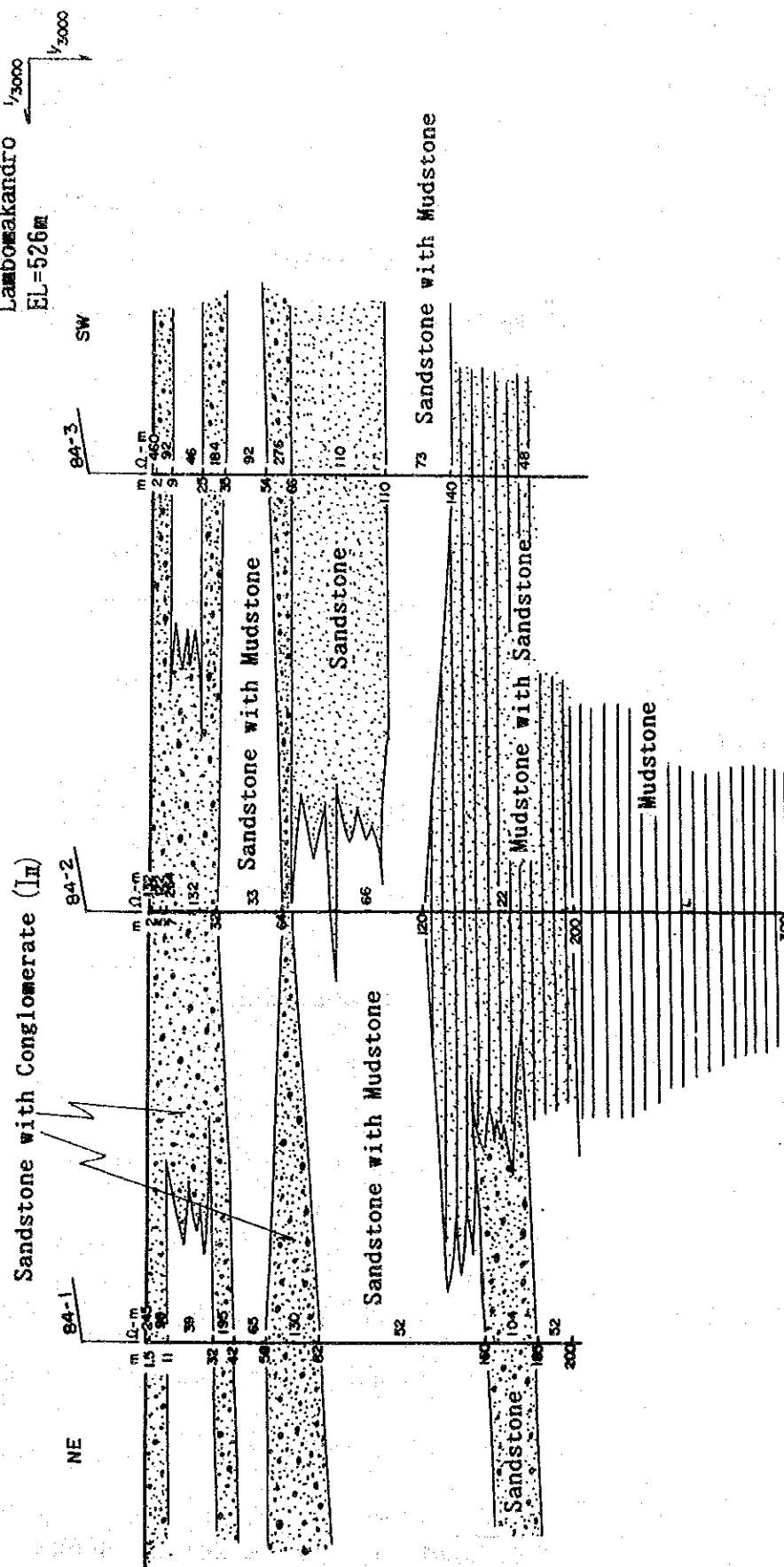
Andranolava

EL=534m



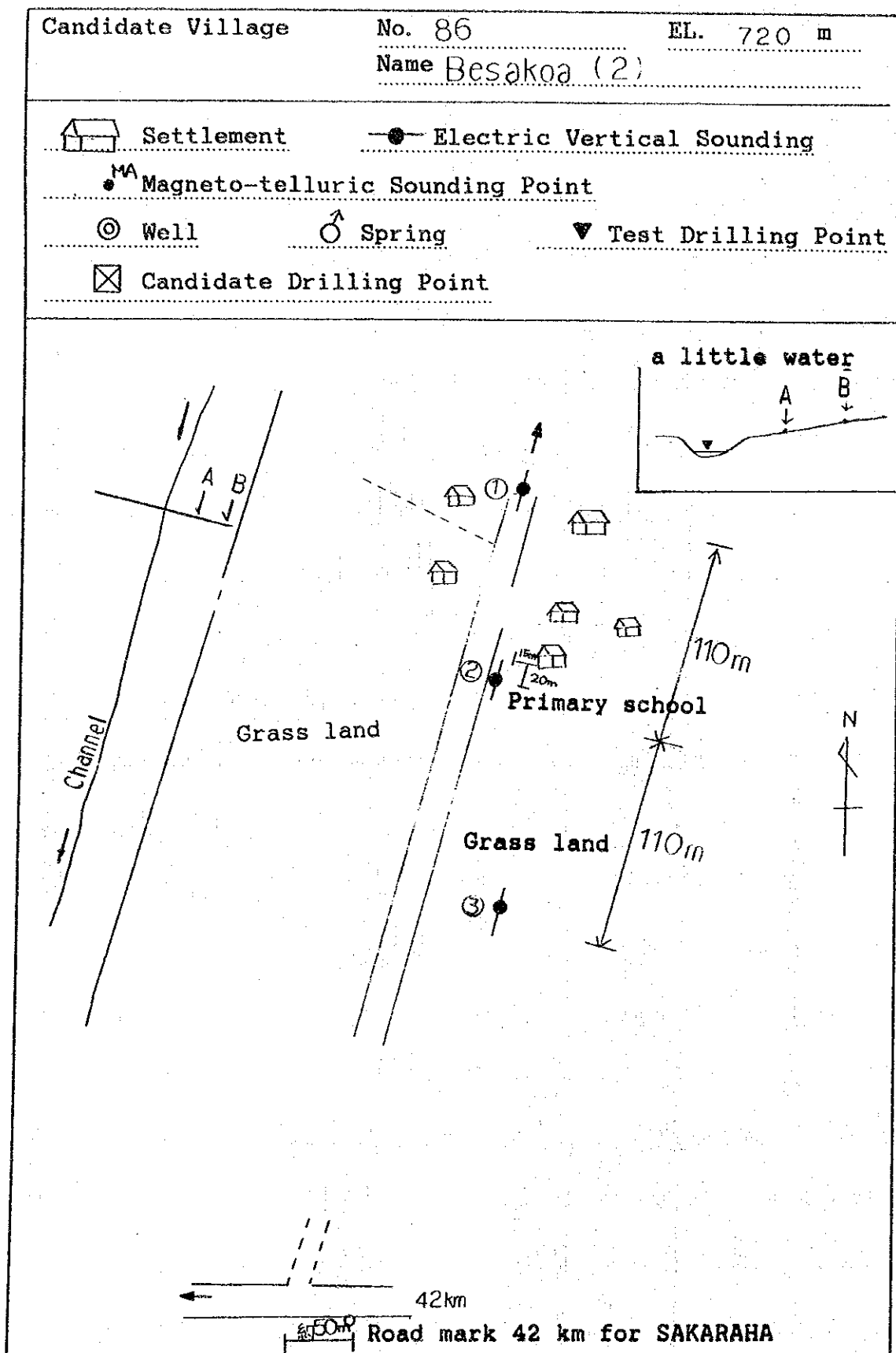
Hydrogeological Section of Andranolava Area (83)

EL-526



Hydrogeological Section of Lambomakandro Area (84)

The Locations of Investigation & The Topographical Feature

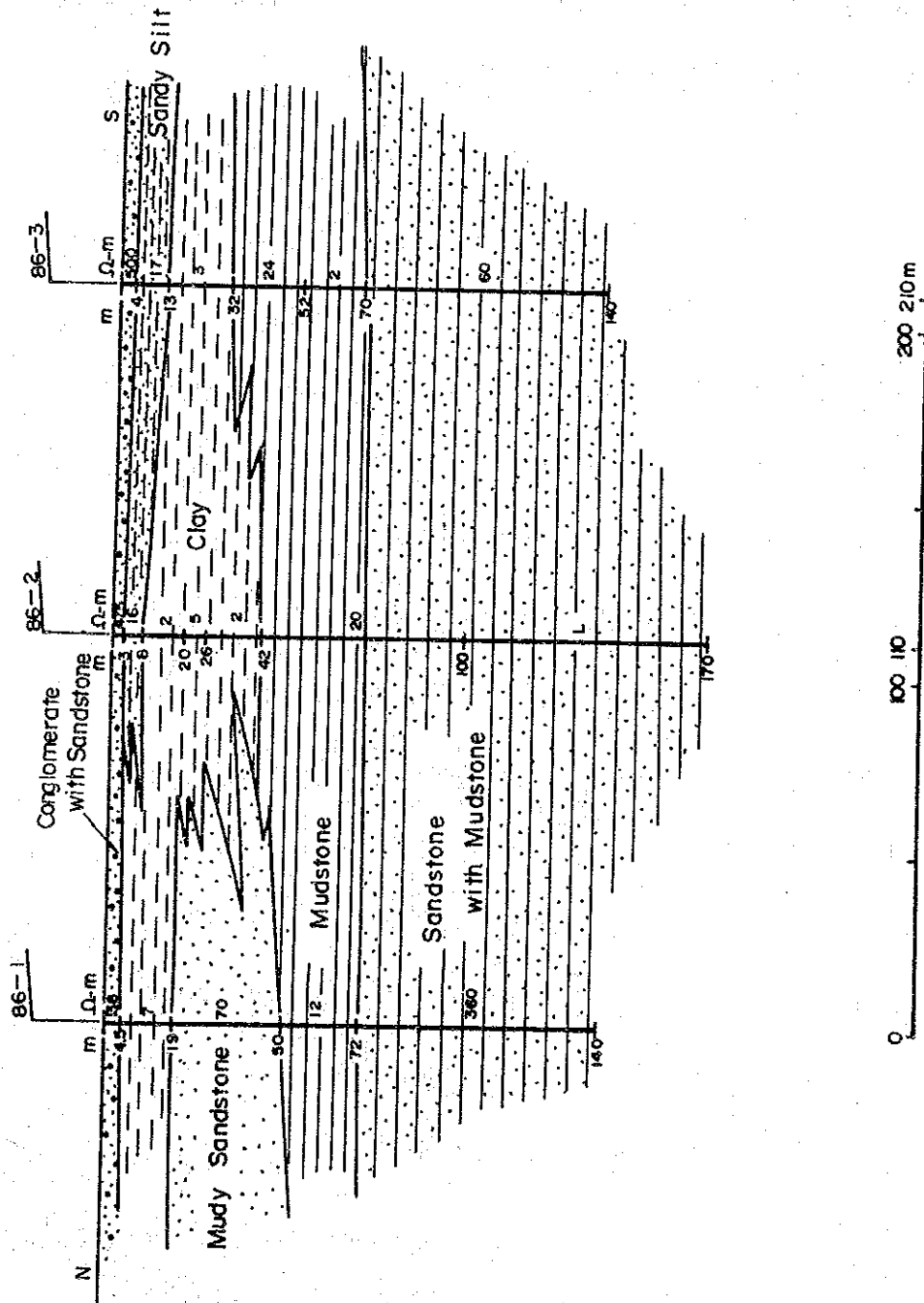
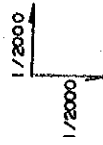


8-7-90

No. 86

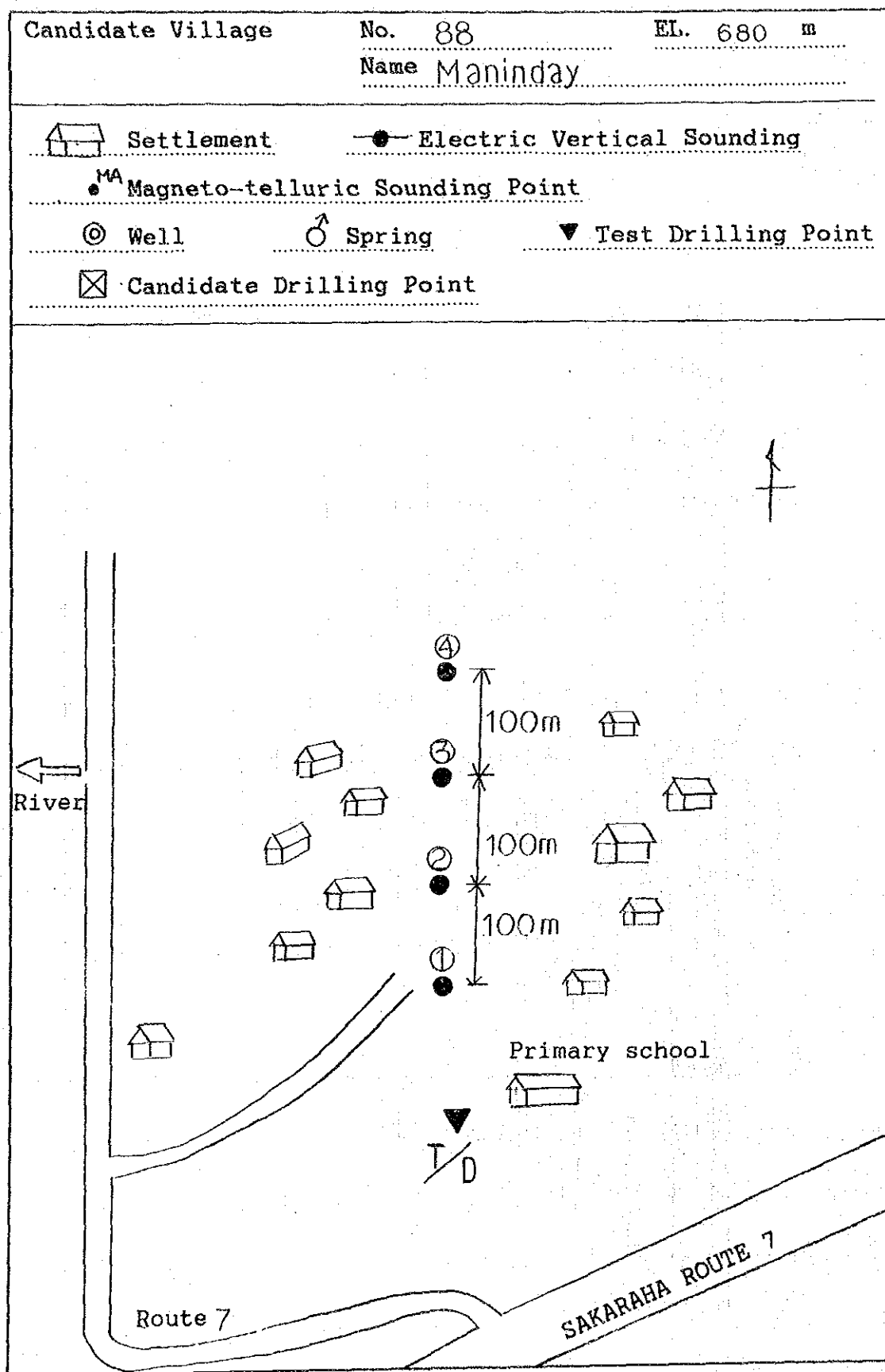
Besakoa (2)

EL=740m



Hydrogeological Section of Besakoa (2) Area (86)

The Locations of Investigation & The Topographical Feature

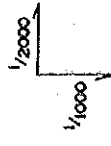


23-11. 1989

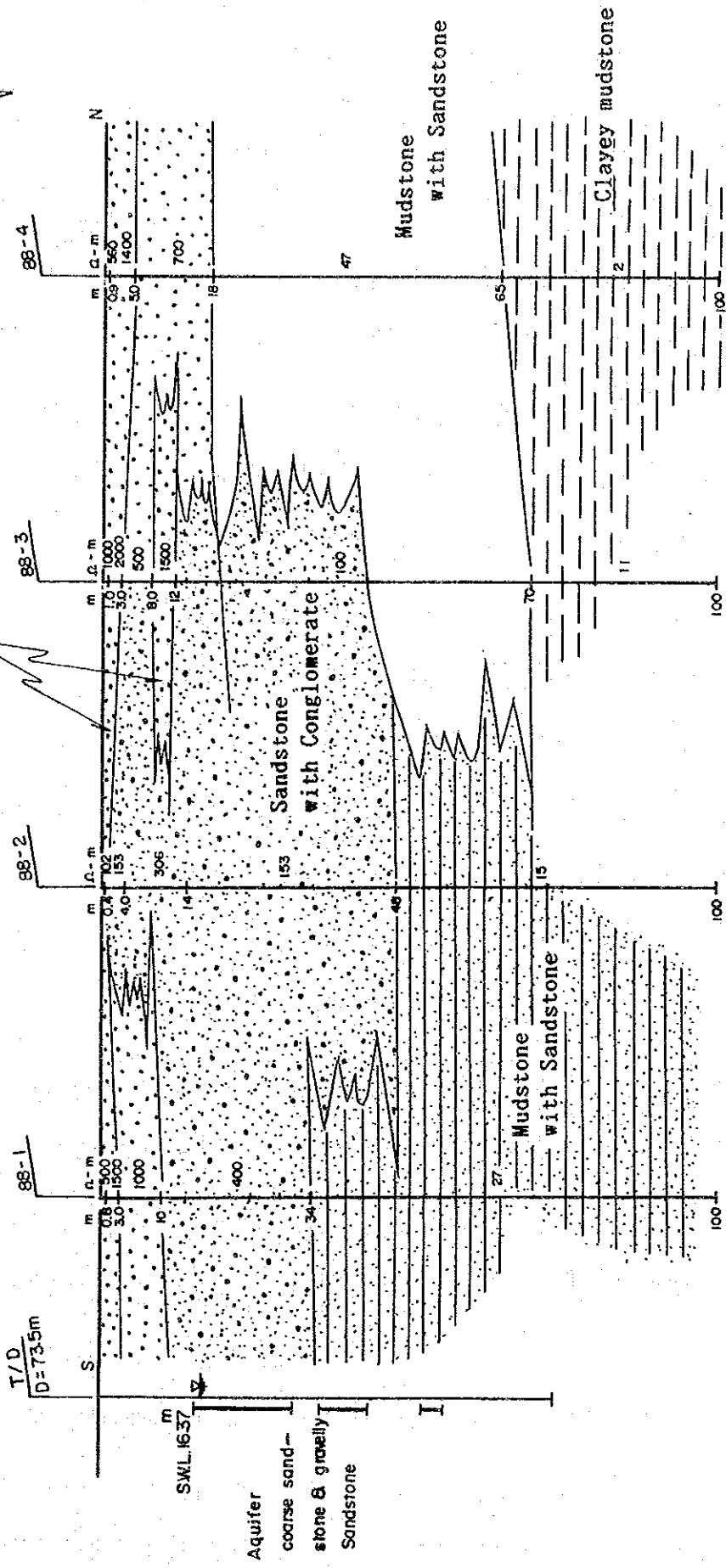
Nc. 88

Maninday

EL=680m

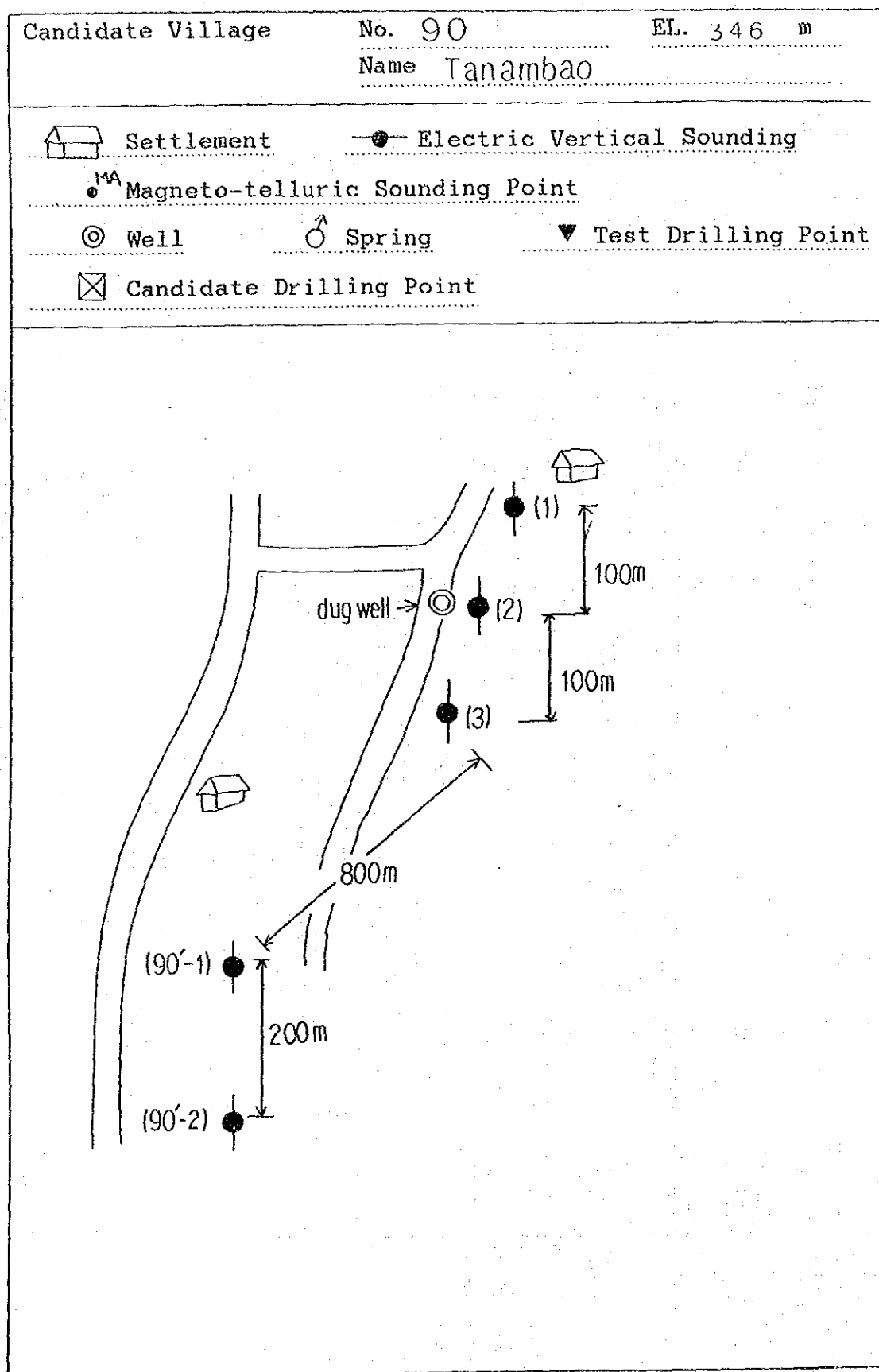


Conglomerate with Sandstone
(II)

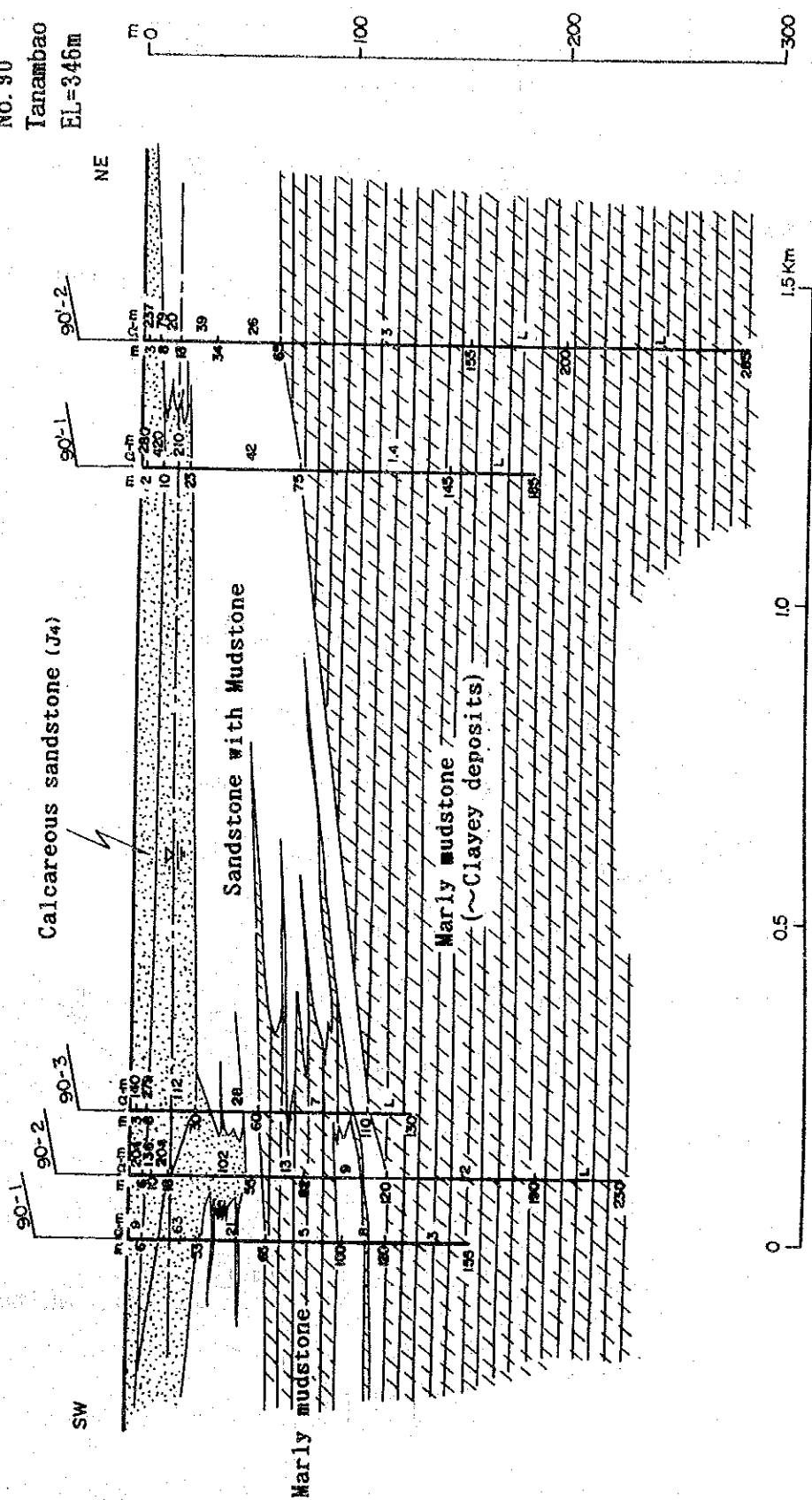


Hydrogeological Section of Maninday Area (88)

The Locations of Investigation & The Topographical Feature

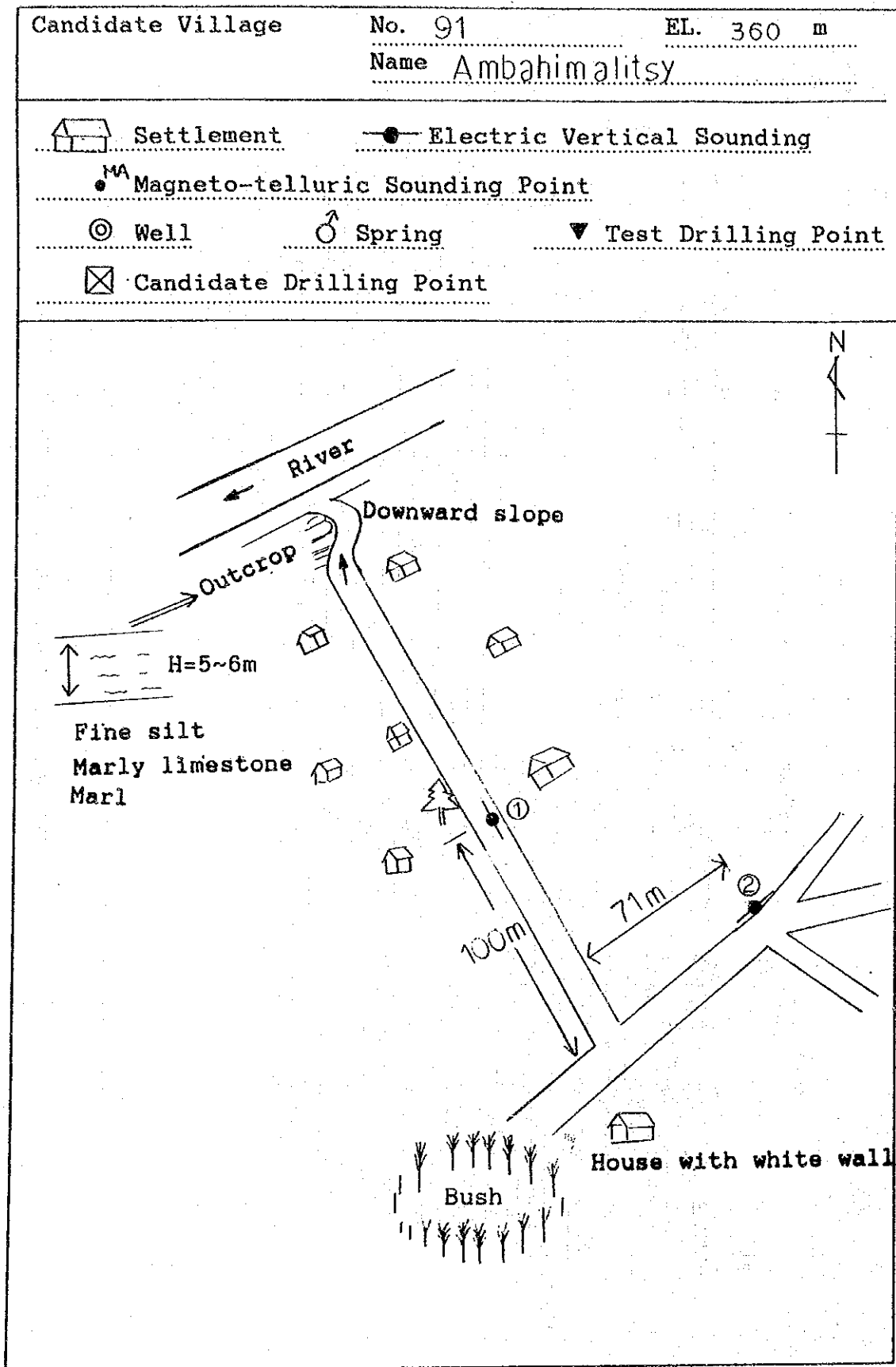


22-11.1989
No. 90
Tanabao
EL=346m

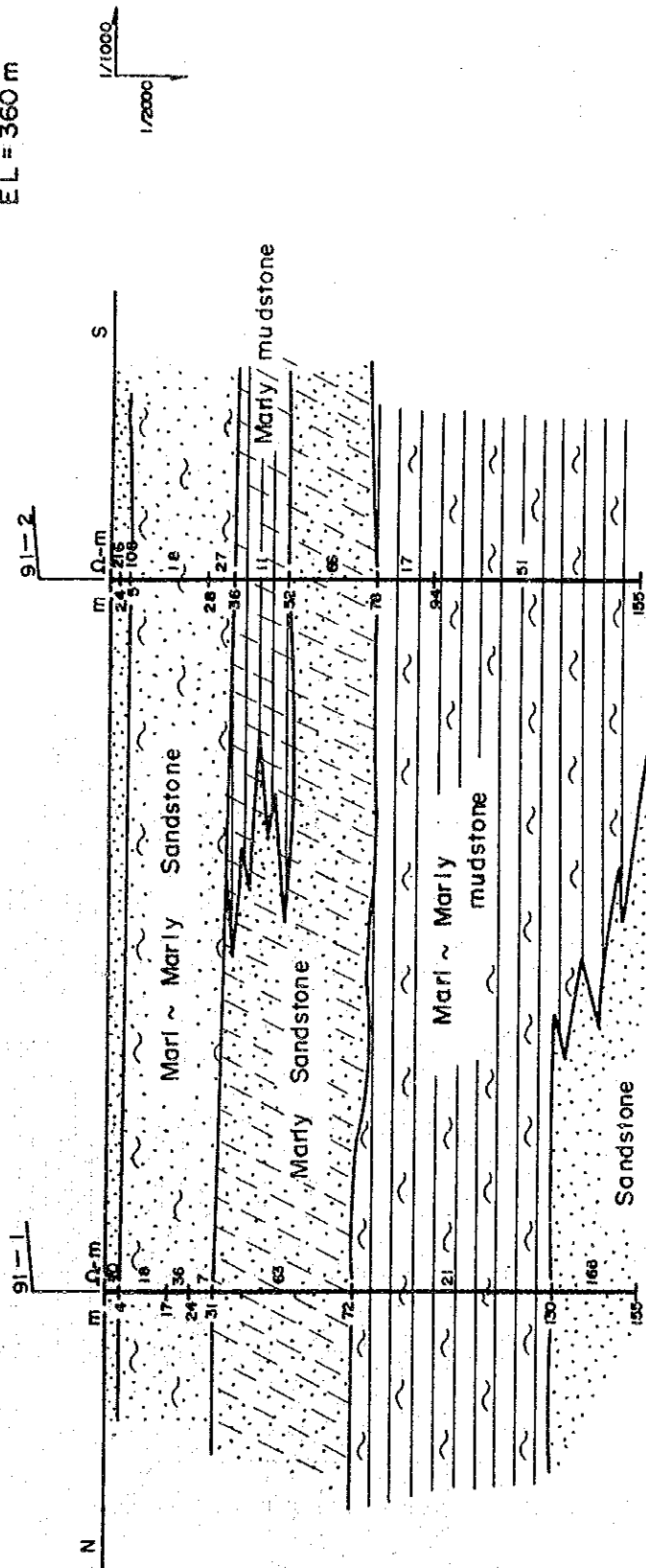


Hydrogeological Section of Tanabao Area (90)

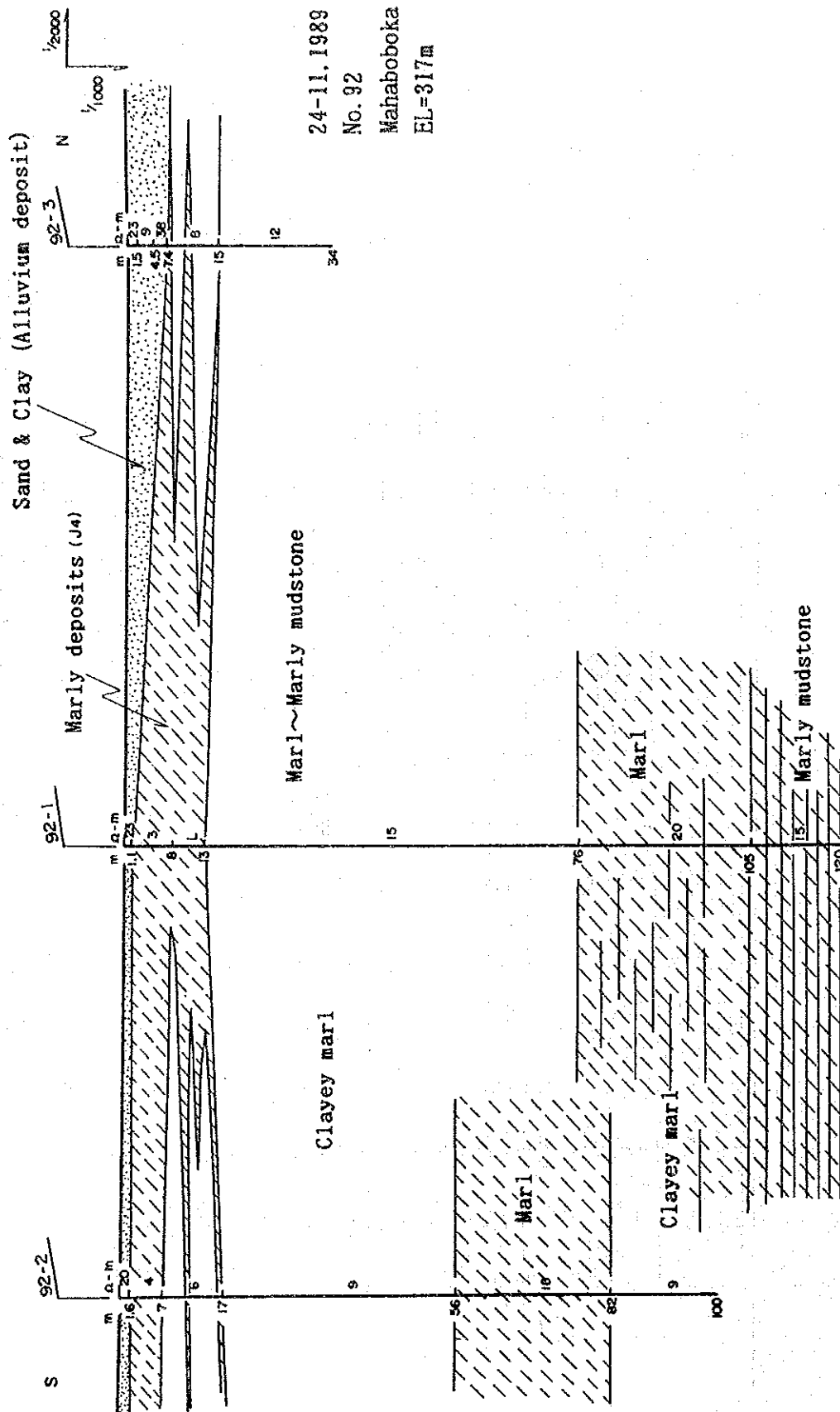
The Locations of Investigation & The Topographical Feature



8-7-90
 No. 91
 Ambahimalitsy
 EL = 360 m










Hydrogeological Section of Ambahimalitsy Area (91)

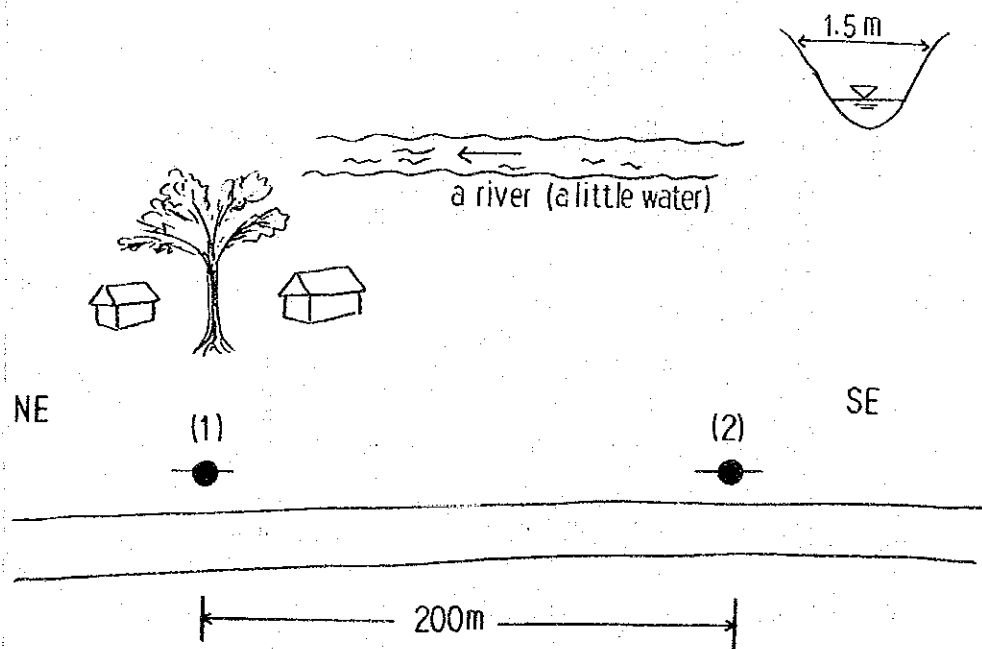


Hydrogeological Section of Mahaboboka Area (92)

The Locations of Investigation & The Topographical Feature

Candidate Village	No. 93	EL. 420 m
	Name Mahasoa	

 Settlement	 Electric Vertical Sounding	
 MA Magneto-telluric Sounding Point		
 Well	 Spring	 Test Drilling Point
 Candidate Drilling Point		



The map illustrates the study area. A river, labeled 'a river (a little water)', flows from right to left. To the left of the river is a settlement consisting of two houses and a large tree. Two investigation points are marked: (1) is located near the settlement, and (2) is further to the right. A scale bar at the bottom indicates a distance of 200m. A cross-section of the river is shown in the upper right, with a width of 1.5m. The map is oriented with NE (North-East) on the left and SE (South-East) on the right.

28-11.1989

No. 93

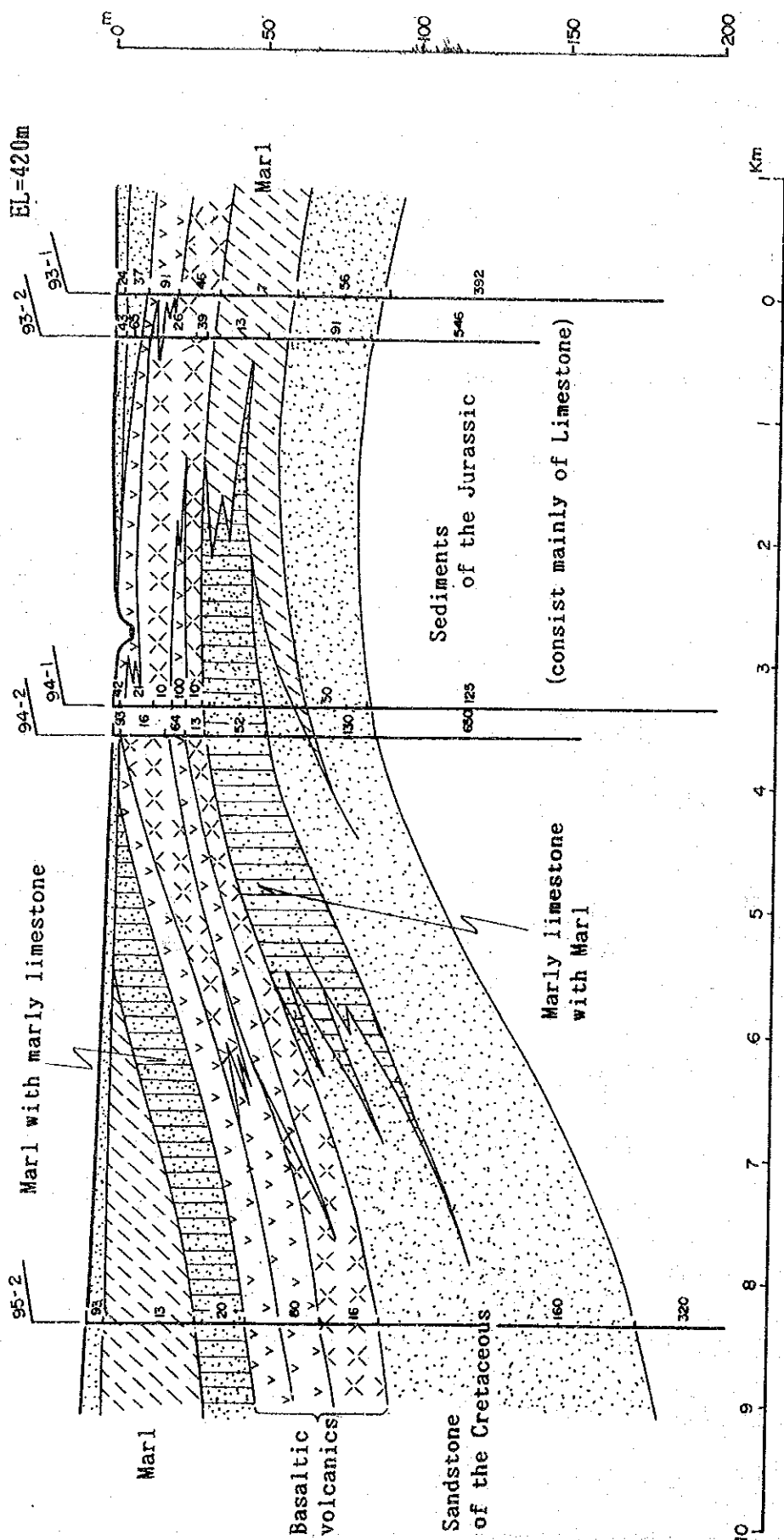
Mahasoa

EL=420m

(Tranokaky)

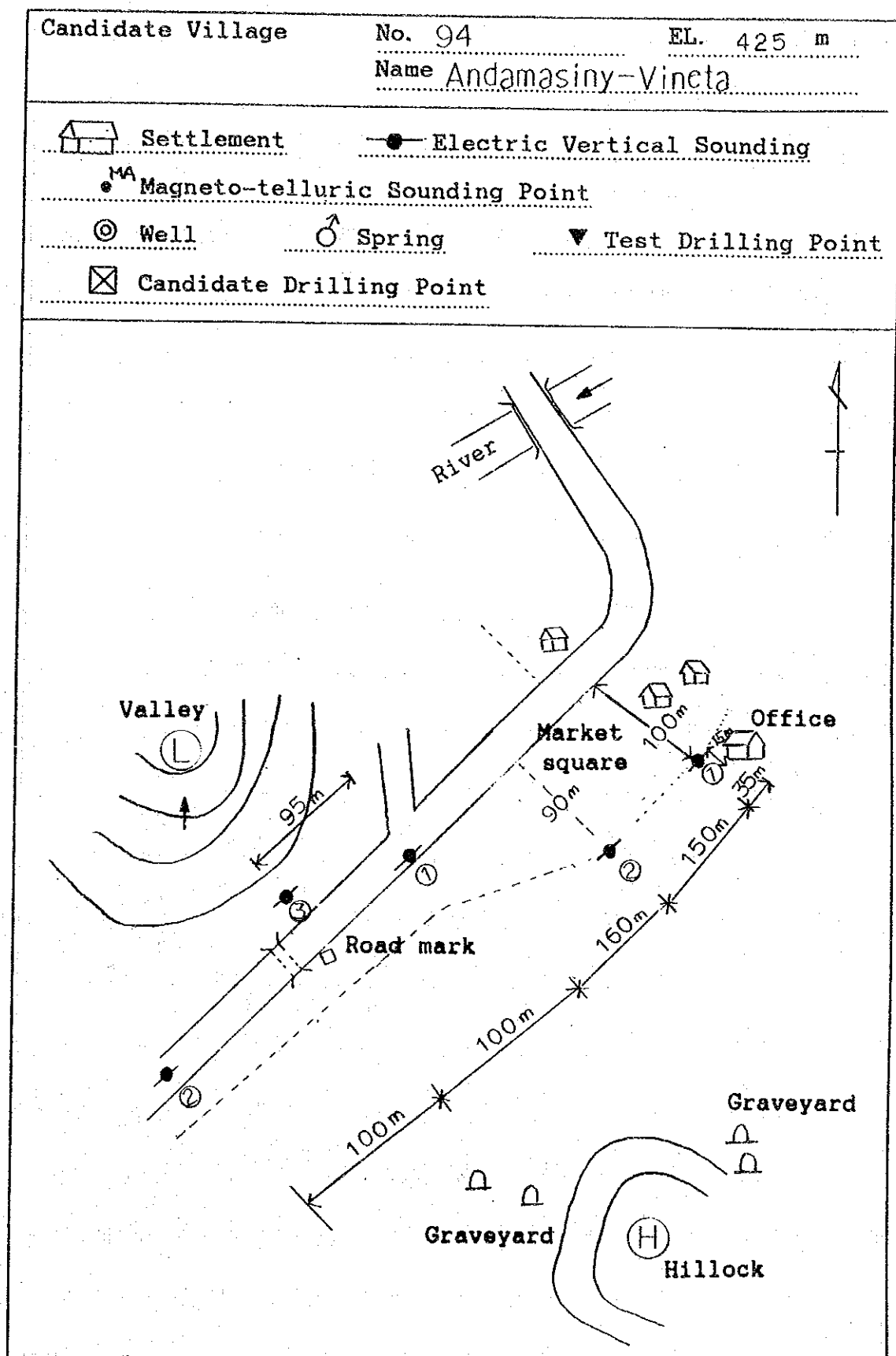
(Andramasiny-Vineta)

(Mahasoa)










Hydrogeological Cross Section between
Tranokaky (95). Andamasiny-Vineta (94) and Mahasoa (93) Area

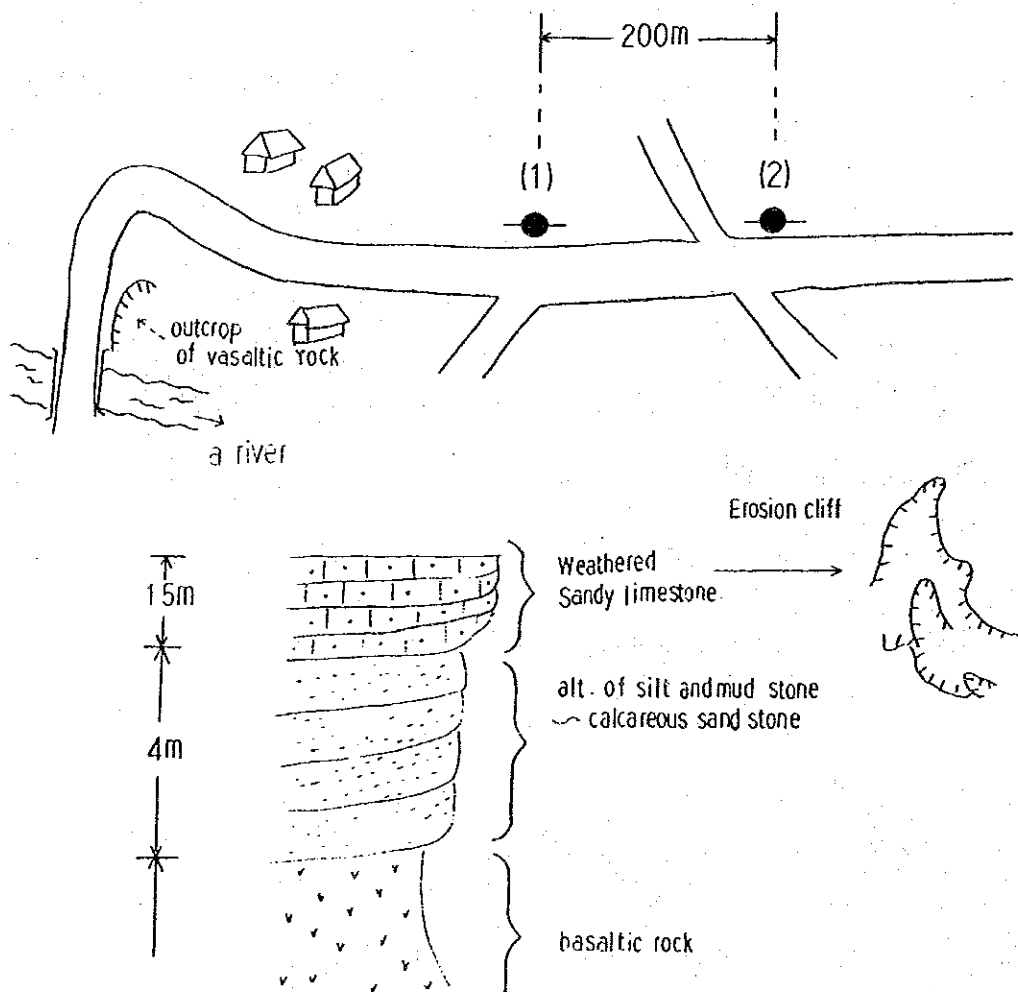
The Locations of Investigation & The Topographical Feature



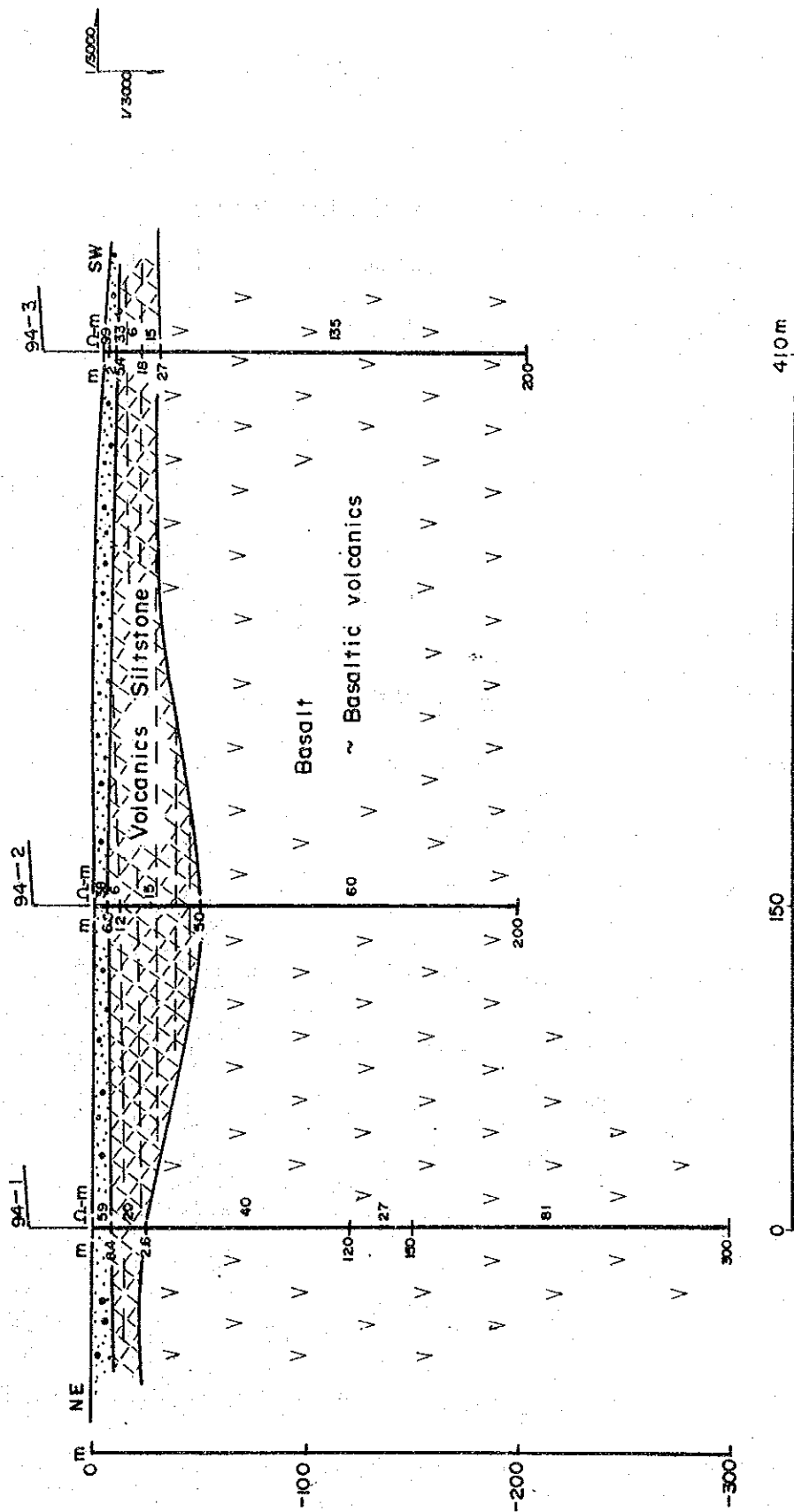
The Locations of Investigation & The Topographical Feature

Candidate Village No. 94 EL. 420 m
Name Andamasiny - Vineta

 Settlement  Electric Vertical Sounding
 Magneto-telluric Sounding Point
 Well  Spring  Test Drilling Point
 Candidate Drilling Point



25-7-90
 No. 94
 Andamasy—Vineta
 EL = 425 m



Hydrogeological Section Andamasy Area (94)

The Locations of Investigation & The Topographical Feature

Candidate Village

No. 95

EL. 430 m

Name Tranokaky



Settlement



Electric Vertical Sounding



Magneto-telluric Sounding Point



Well



Spring

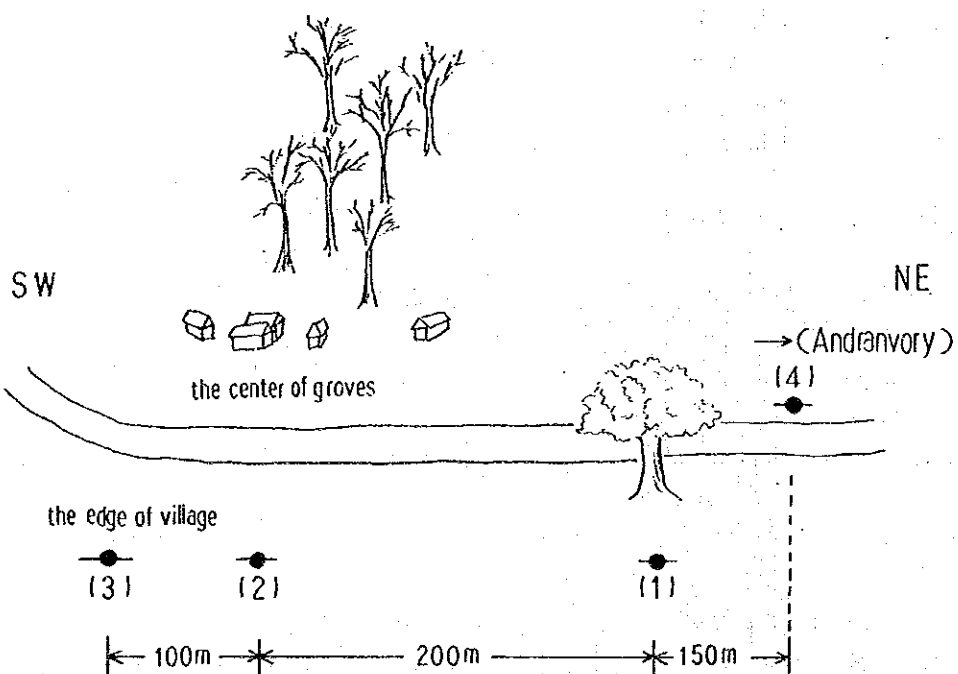


Test Drilling Point



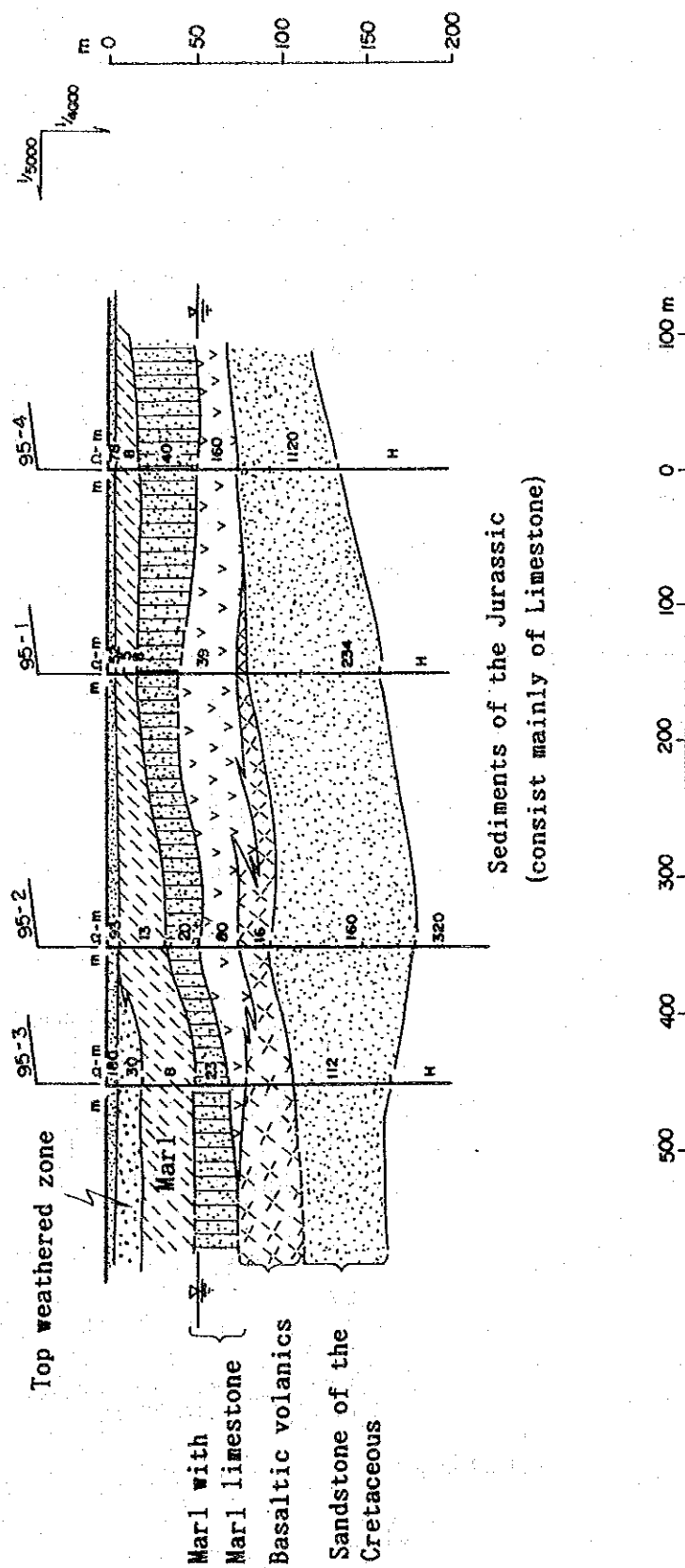
Candidate Drilling Point

(Part I)



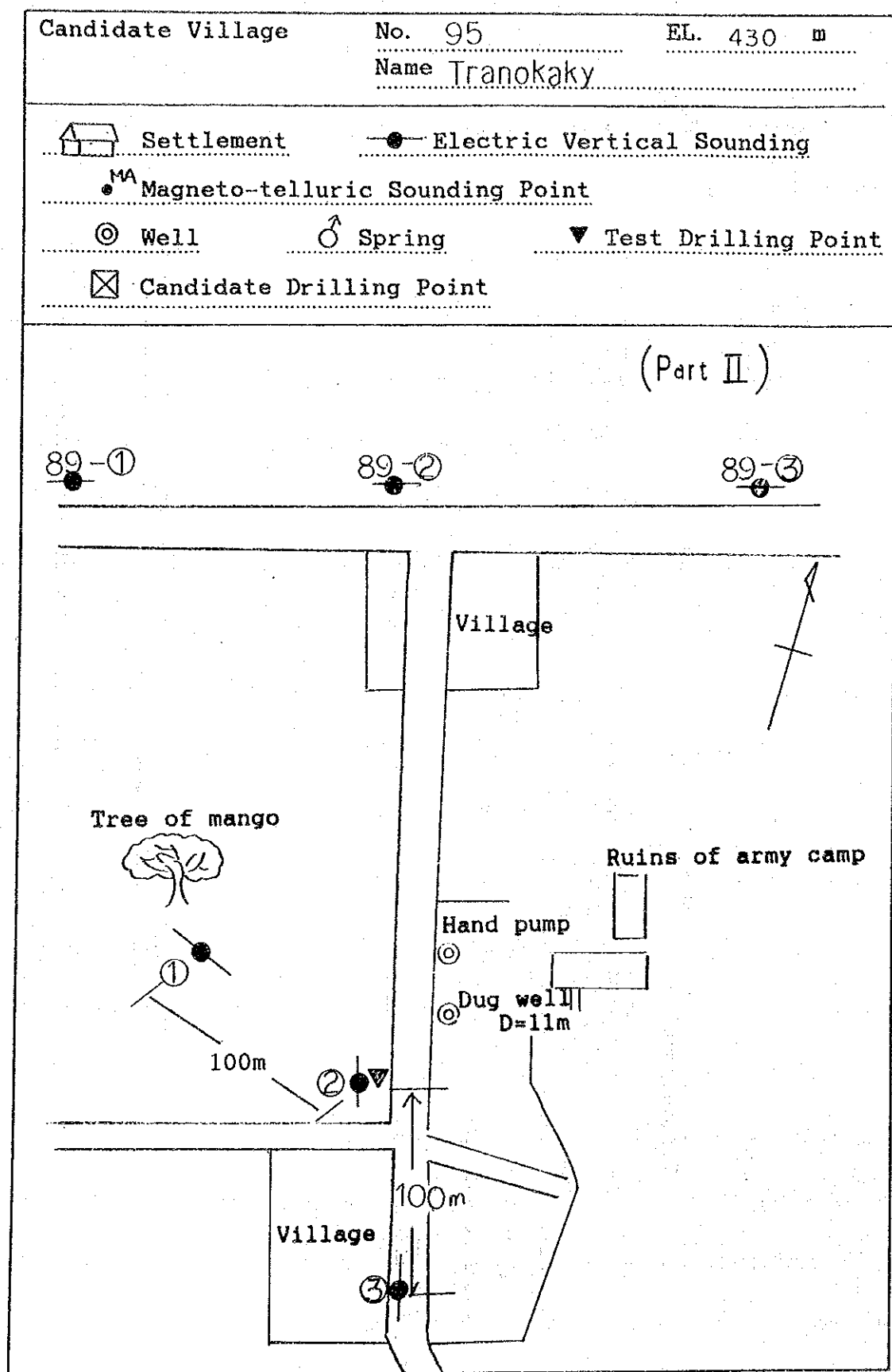
EL=430m

(Recommandable)
(drilling set)

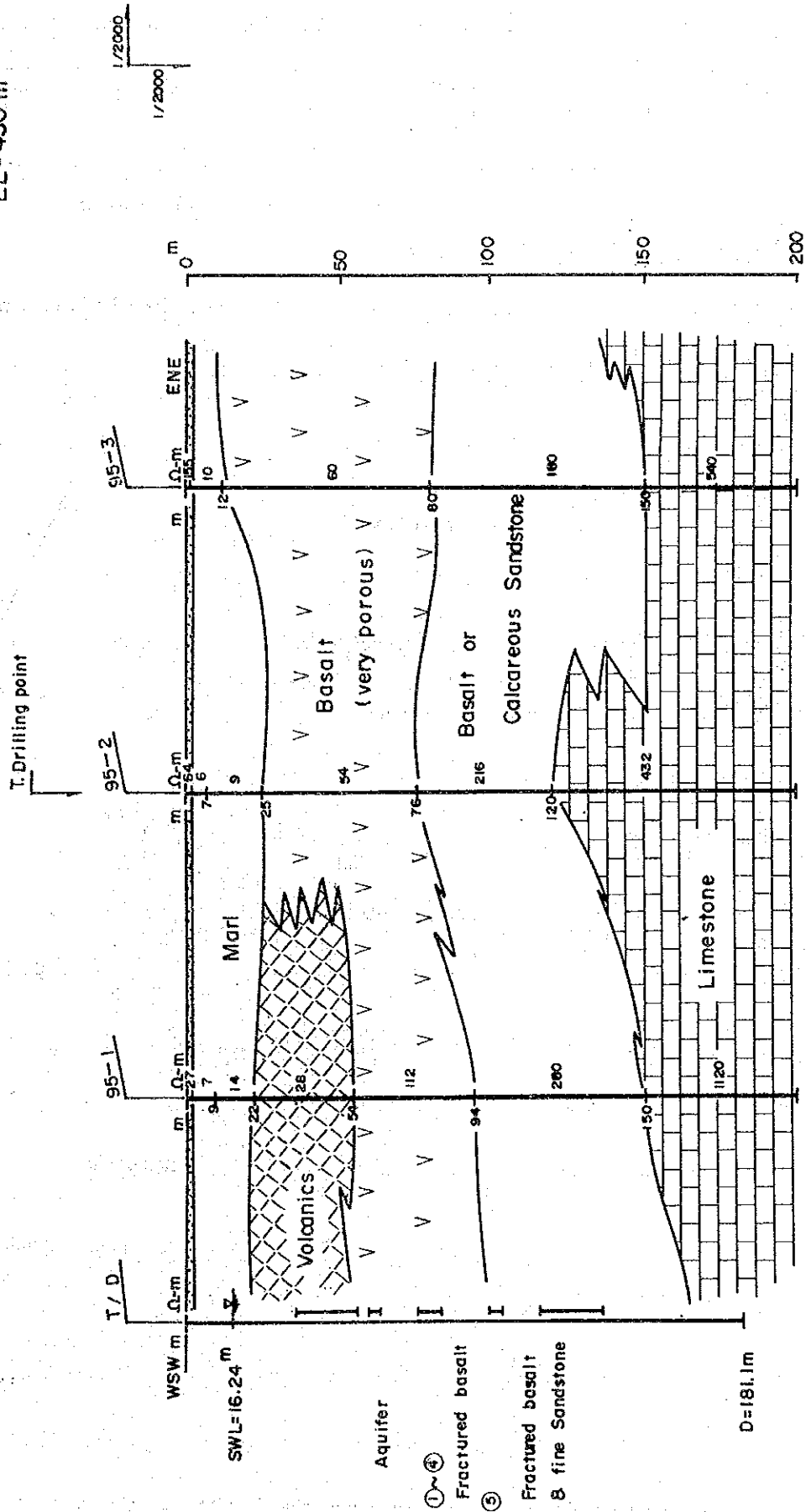


Hydrogeological Section of Tranokaky Area (95)

The Locations of Investigation & The Topographical Feature



12-7-90
No. 95
Tranokaky
EL=430 m



Hydrogeological Section of Tranokaky Area (95)

The Locations of Investigation & The Topographical Feature

