

4. 物理探查

データ 4.1.1 現場写真 (VES探査)

Field Survey Photograph (Geophysical Drospecting)



Berta/Meki BH-2 (Survey point selection)



Oyne-Umbure-Chefo BH-3(Preparation of stakes for the horizontal electric profiling)



Oyne Umbure BH-3(Preparation of wooden stake for the horizontal electric profiling)



Beresa BH-9 (Setting of survey line of the horizontal electric profiling)



Oyne Umbure BH-3
(Watering of electrodes to reduce contact resistance)



Chancho BH-4
(Electrode spreading)



Oyne Umbure BH-3
(Electrode installation)



Oyne Umbure BH-3
(Electric investigation measurement)

データ 4.1.1 現場写真 (VES探査)



Oyne Umbure BH-3
(Electric investigation measurement)



Fango Damot BH-5
(Electric investigation measurement)



Walesa BH-8
(Movement between the survey point)



Fango Damot BH-5
(4WD stuck in mud)



Beresa BH-9
(Access problem for the 4WD)



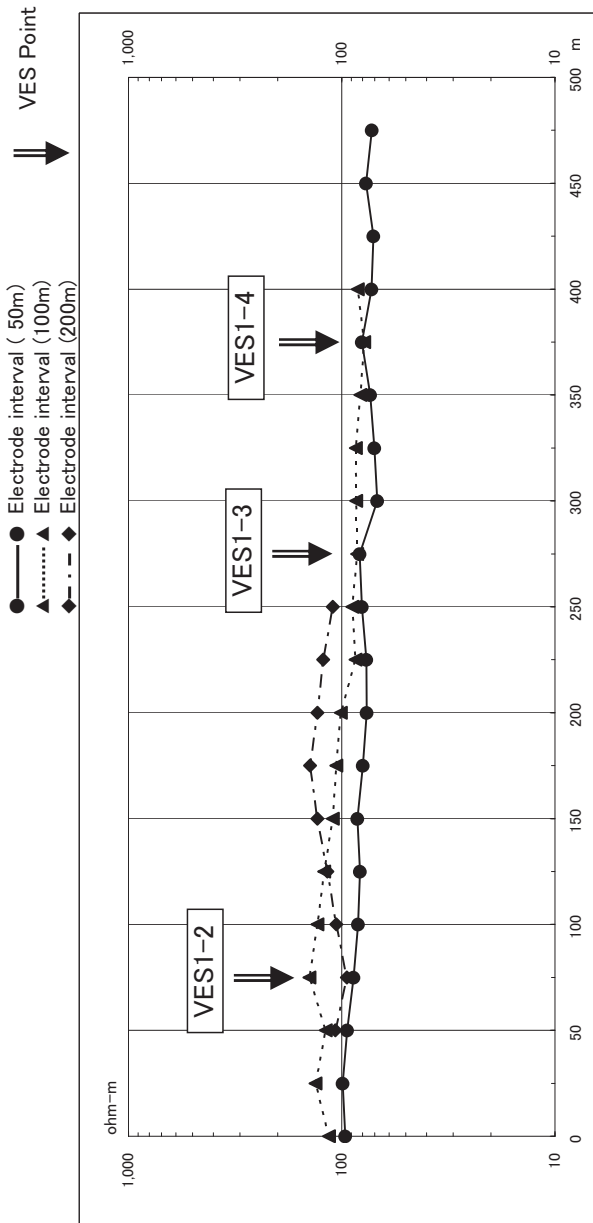
Brindar BH-10 (River flood around the survey area,
vehicles impassable)



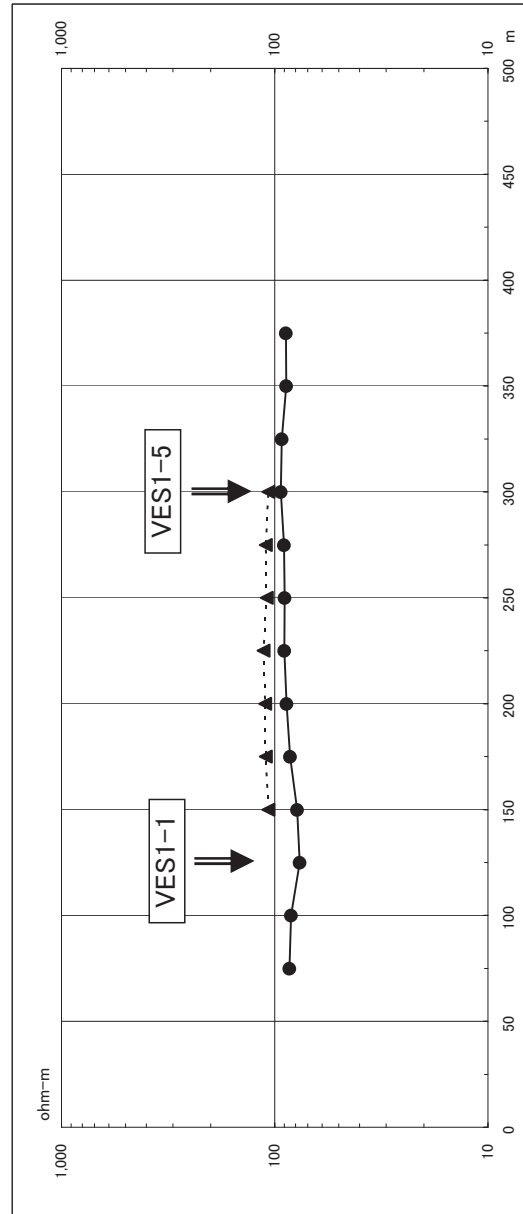
Brindar BH-10 (flooded survey area,
vehicle impassable)



Sodo ~ Arbaminch road
(Flooded culvert)

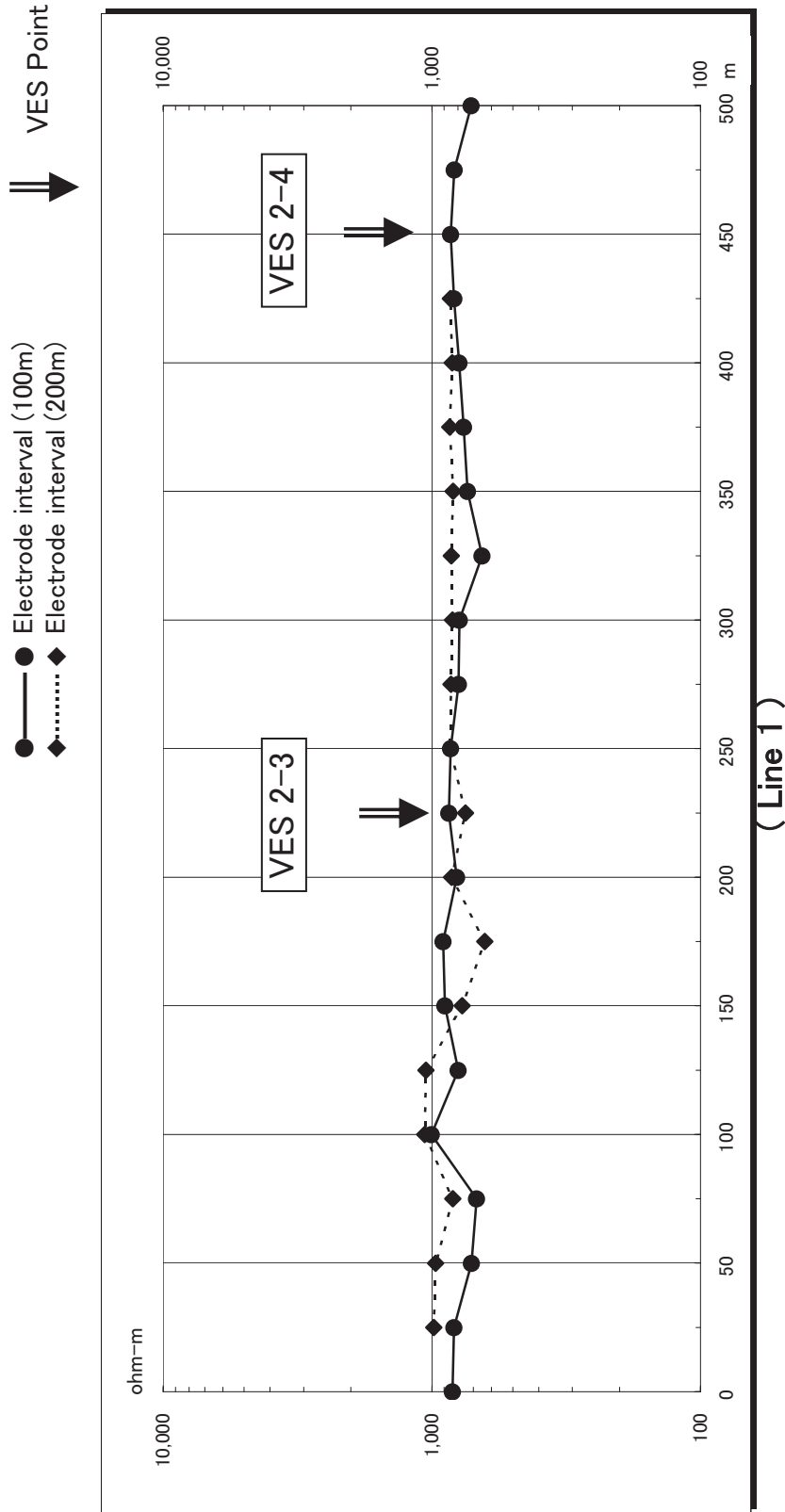


(Line 1)

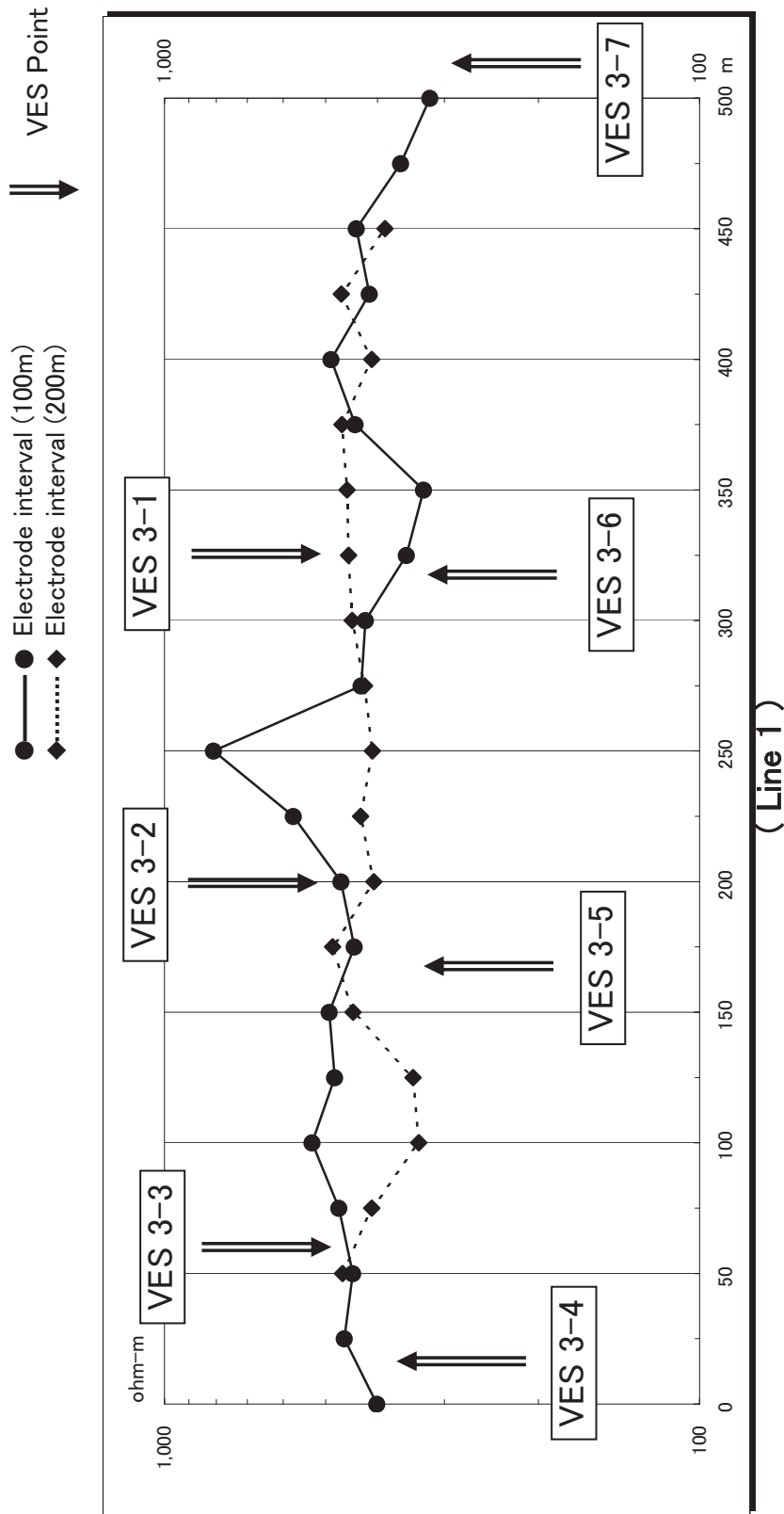


(Line 2)

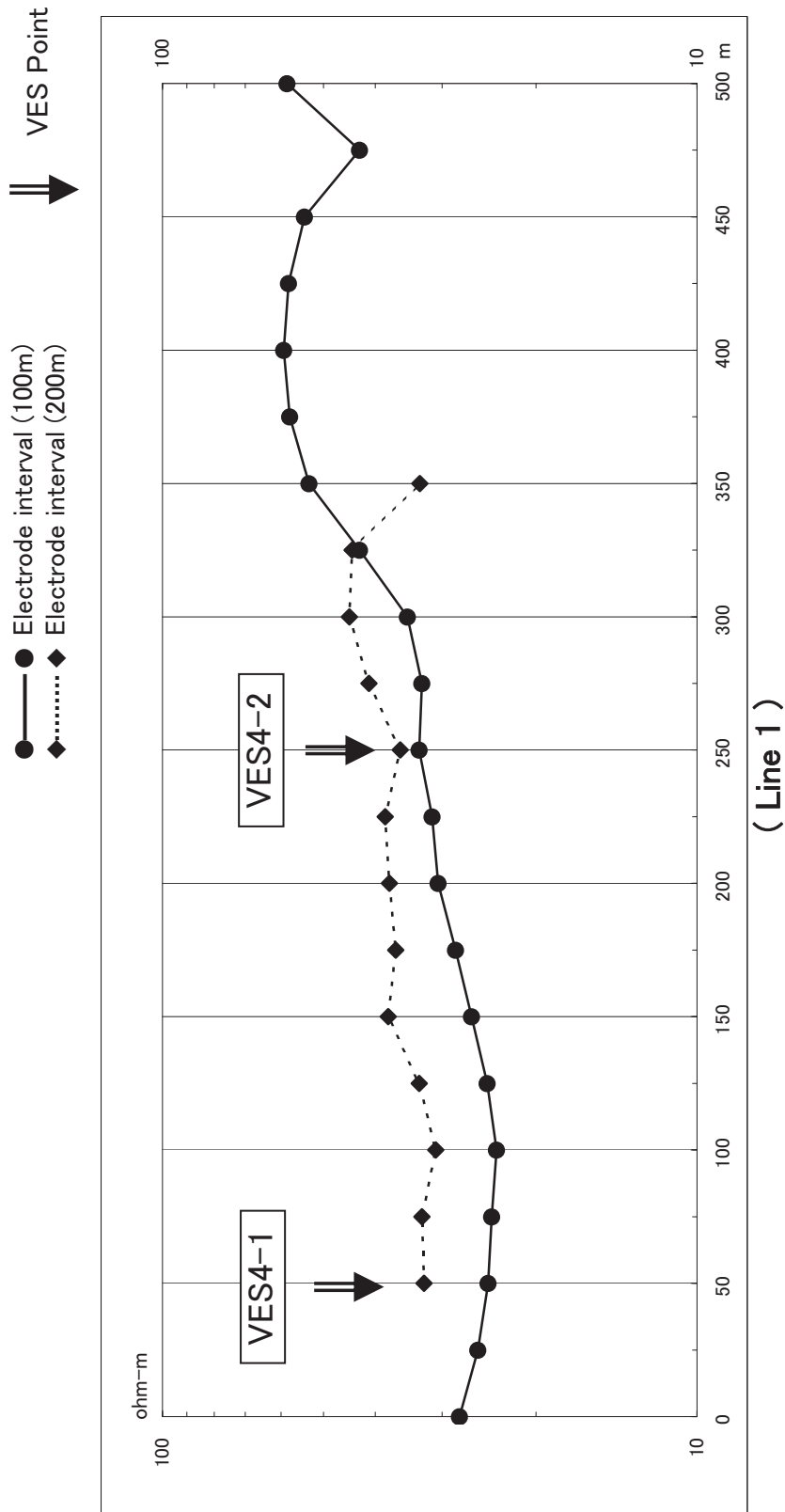
データ 4.1.2 見かけ比抵抗断面調査結果 (RVS BH-1)



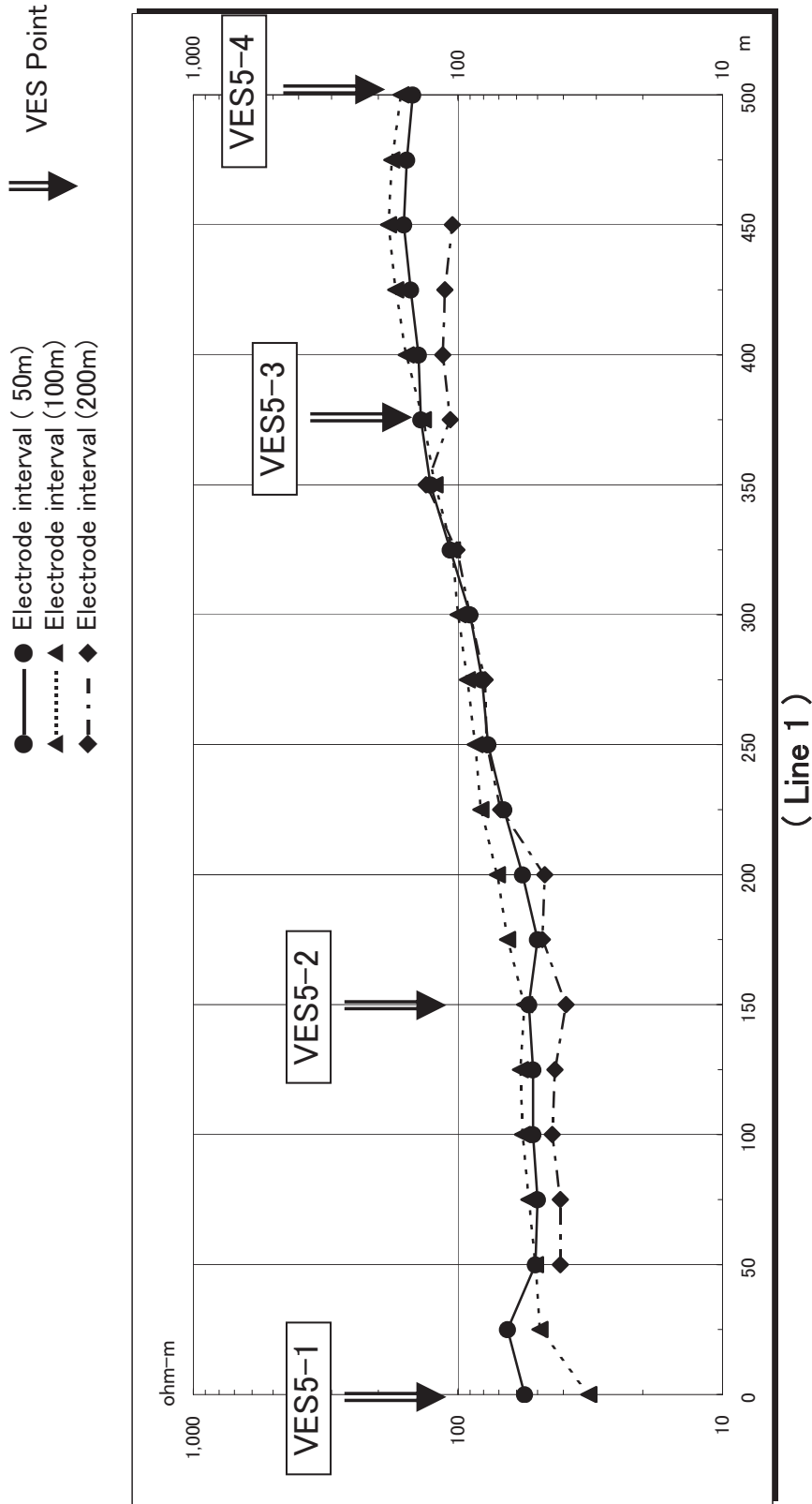
データ 4.1.2 見かけ比抵抗断面調査結果 (RVS BH-2)



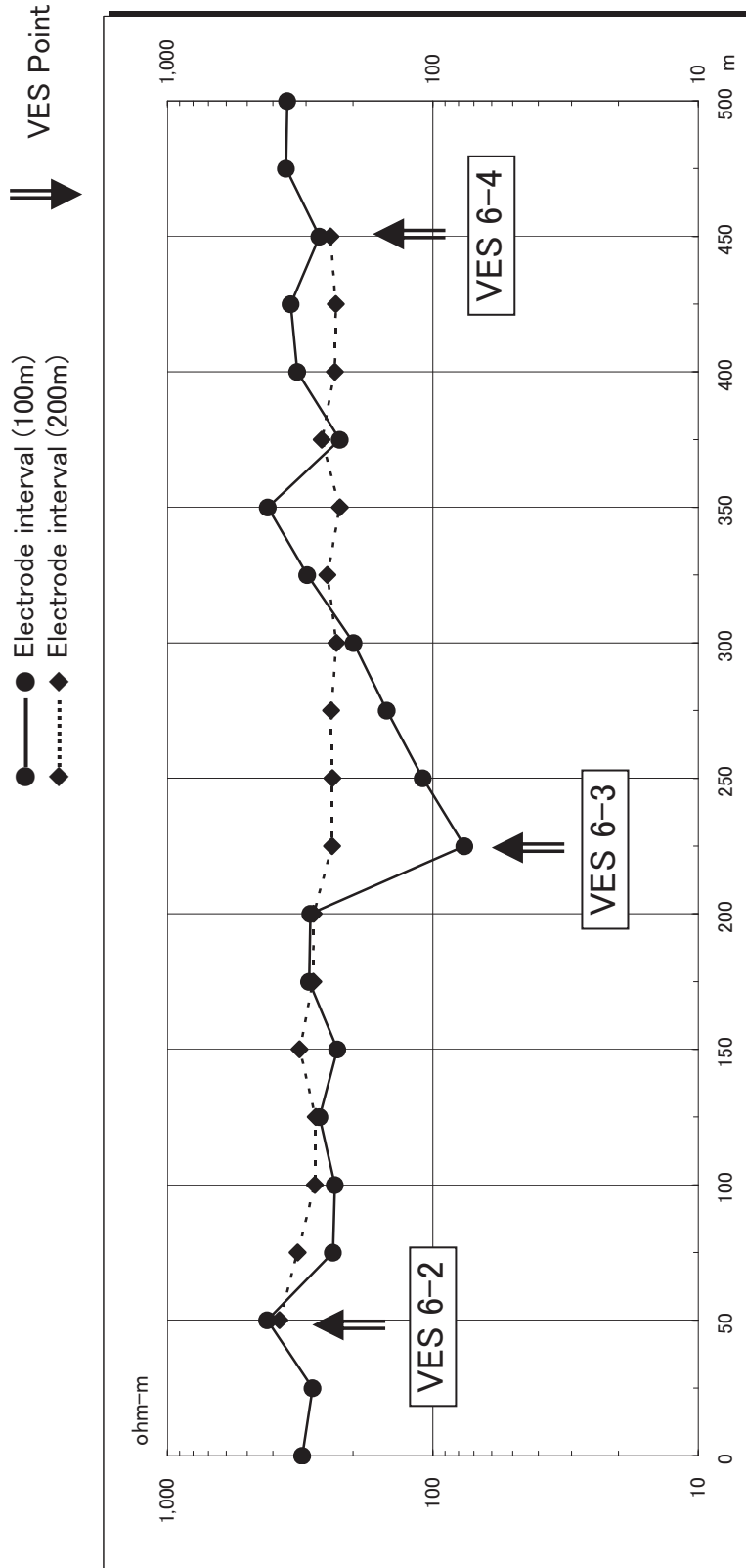
データ 4.1.2 見かけ比抵抗断面調査結果 (RVS BH-3)



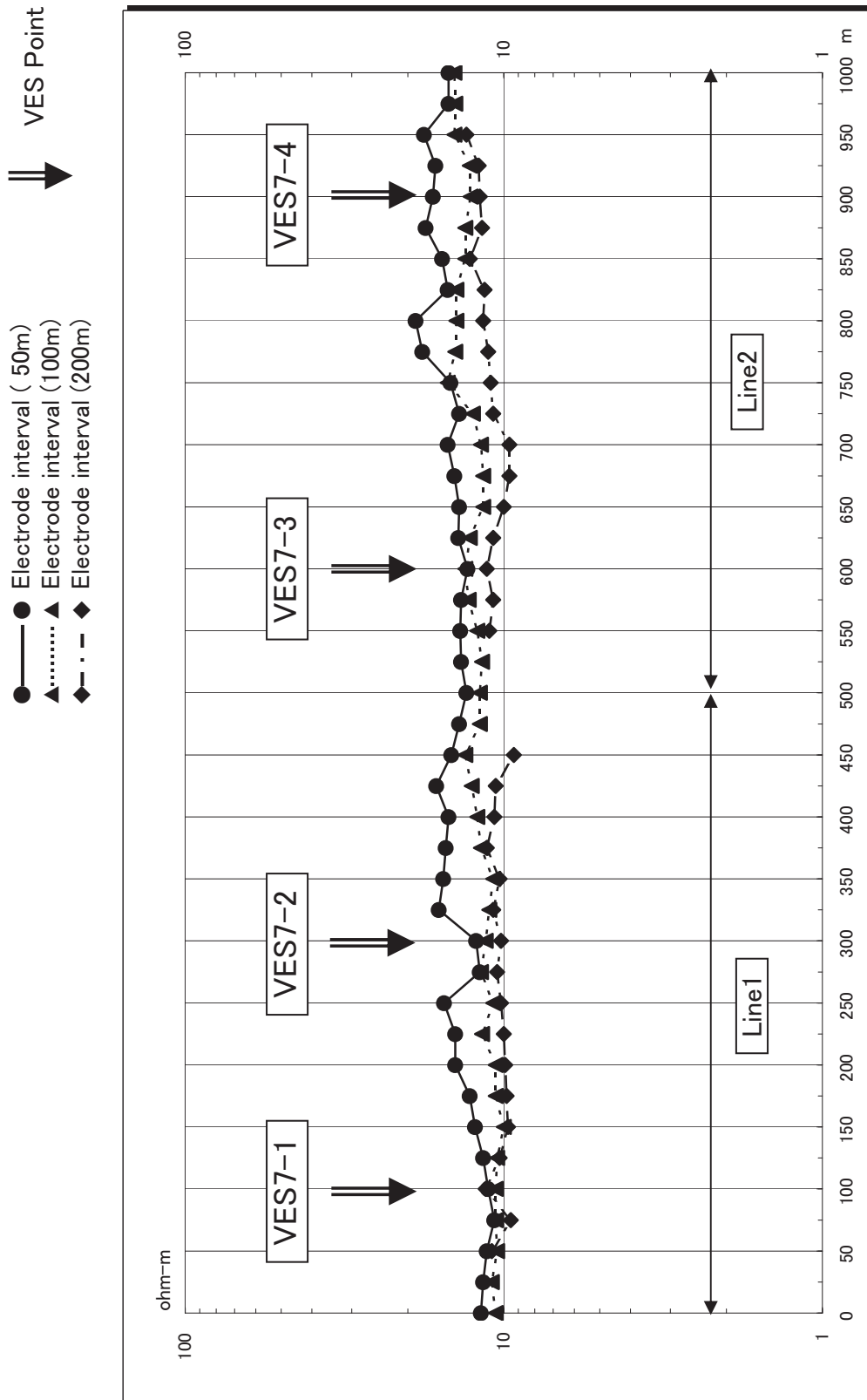
データ 4.1.1.2 見かけ比抵抗断面調査結果 (RVS BH-4)



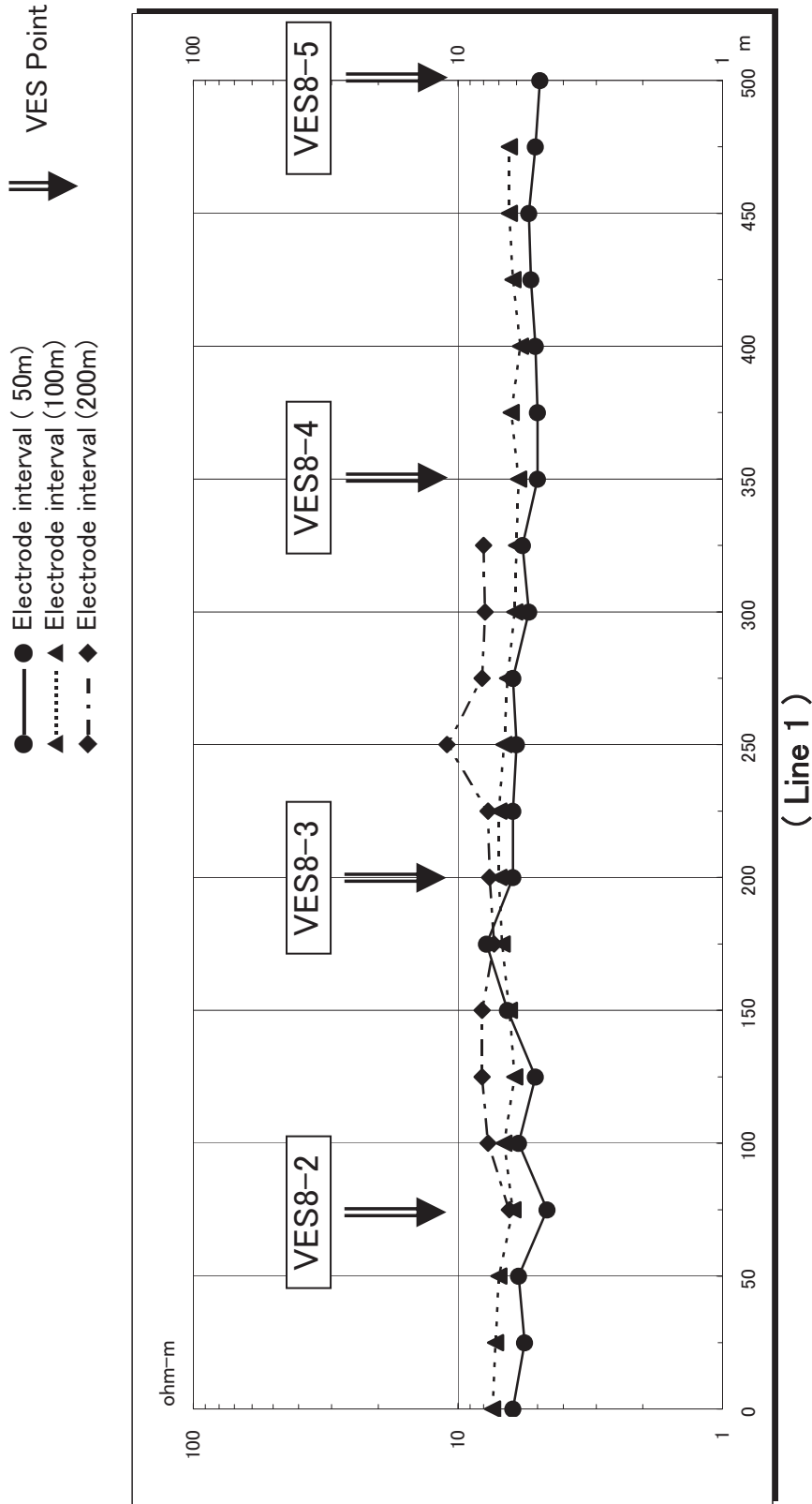
データ 4.1.2 見かけ比抵抗断面調査結果 (RVS BH-5)



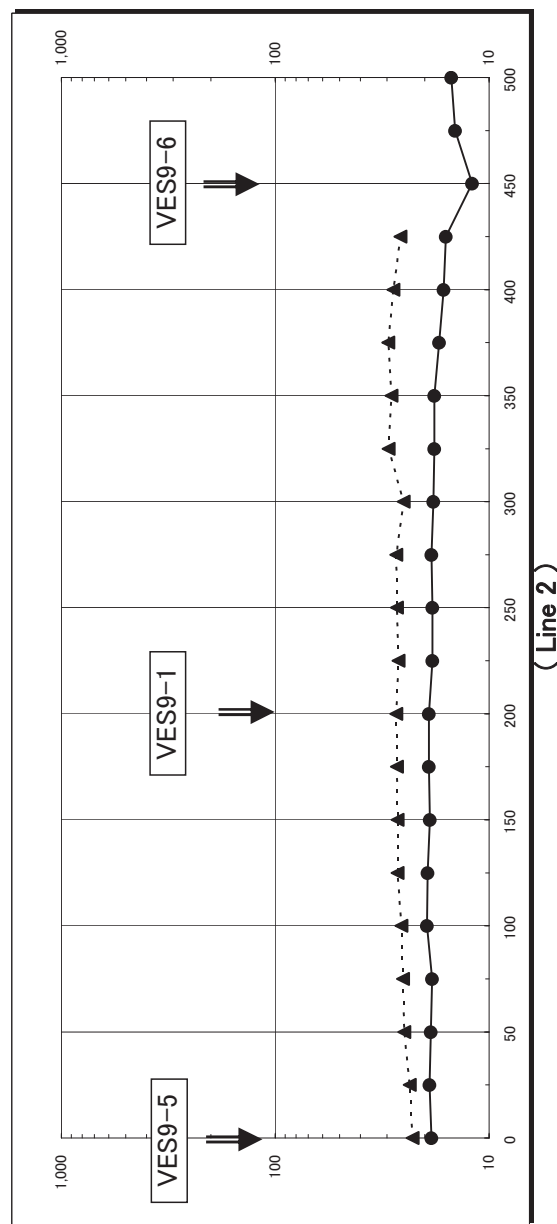
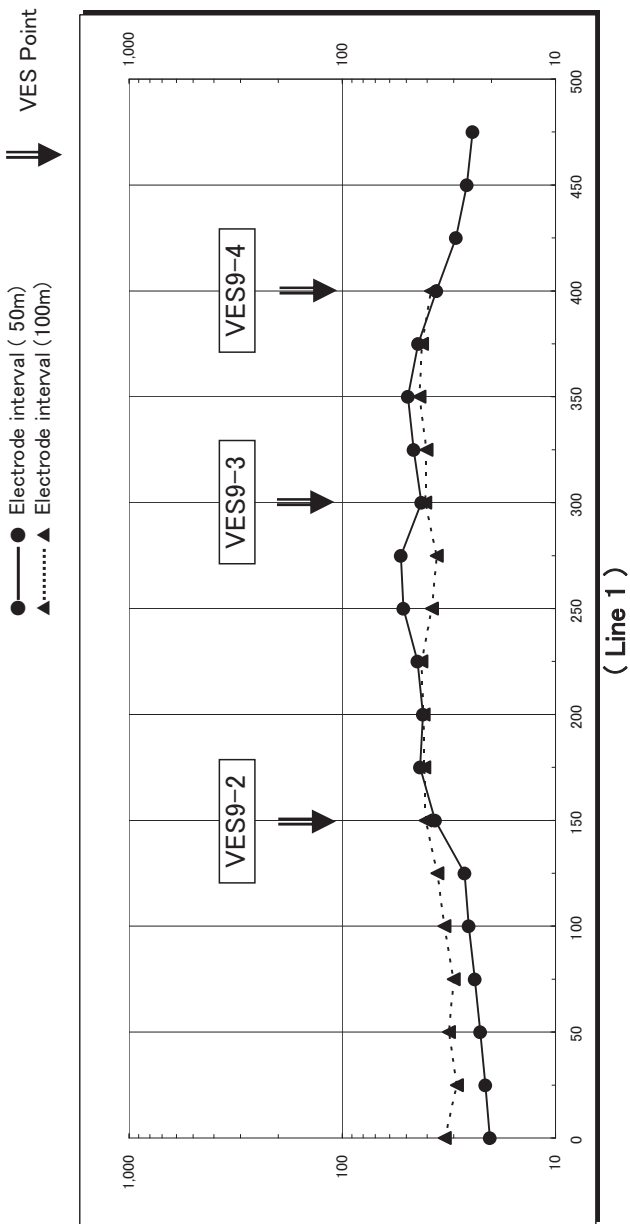
(Line 1)
 データ 4.2.1 見かけ比抵抗断面調査結果 (RVS BH-6)



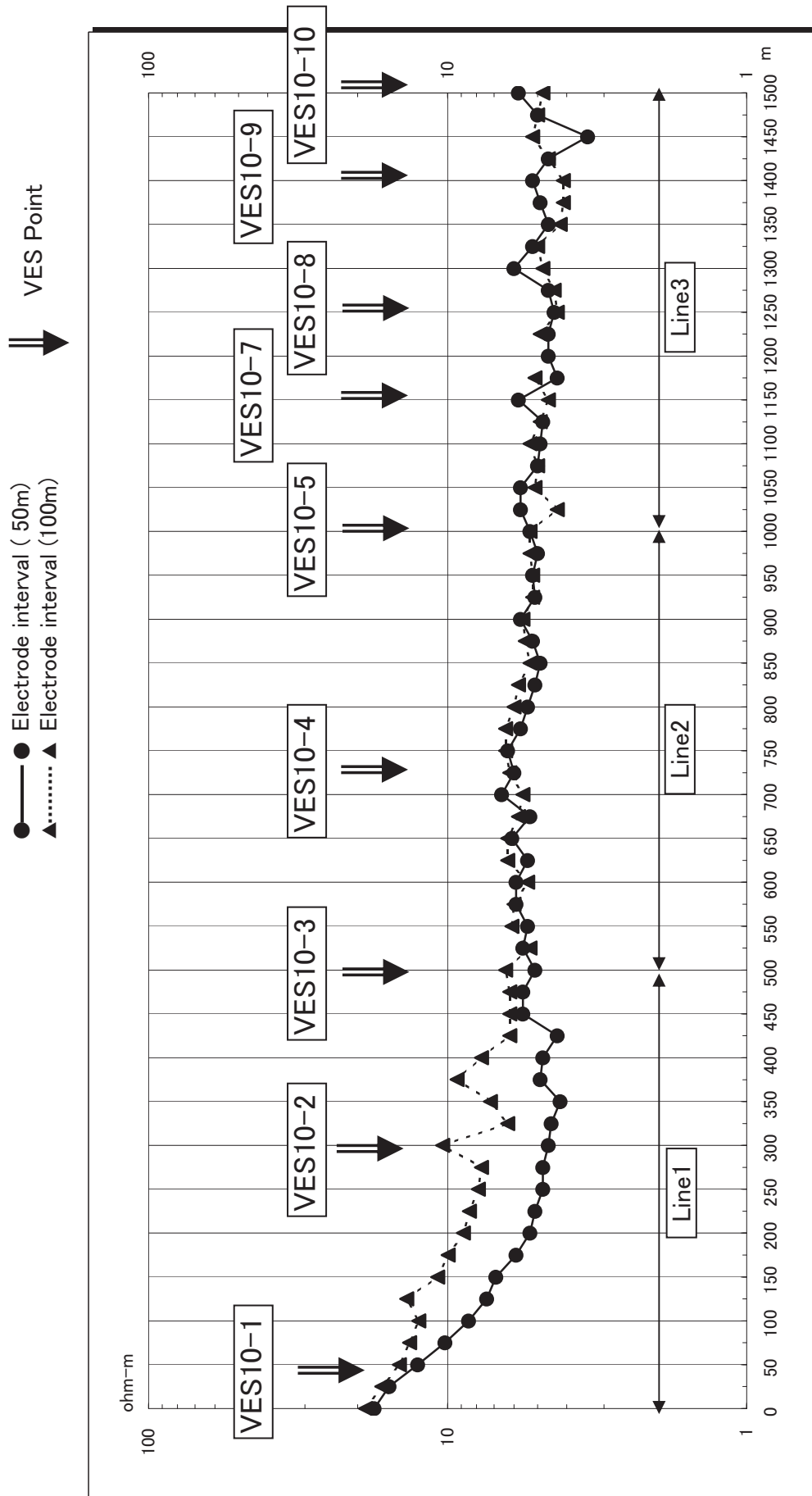
(Line 1 ~ Line 2)
 データ 4.1.2 見かけ比抵抗断面調査結果 (RVS BH-7)



データ 4.1.2 見かけ比抵抗断面調査結果 (RVS BH-8)
(Line 1)



データ 4.1.2 見かけ比抵抗断面調査結果 (RVS BH-9)

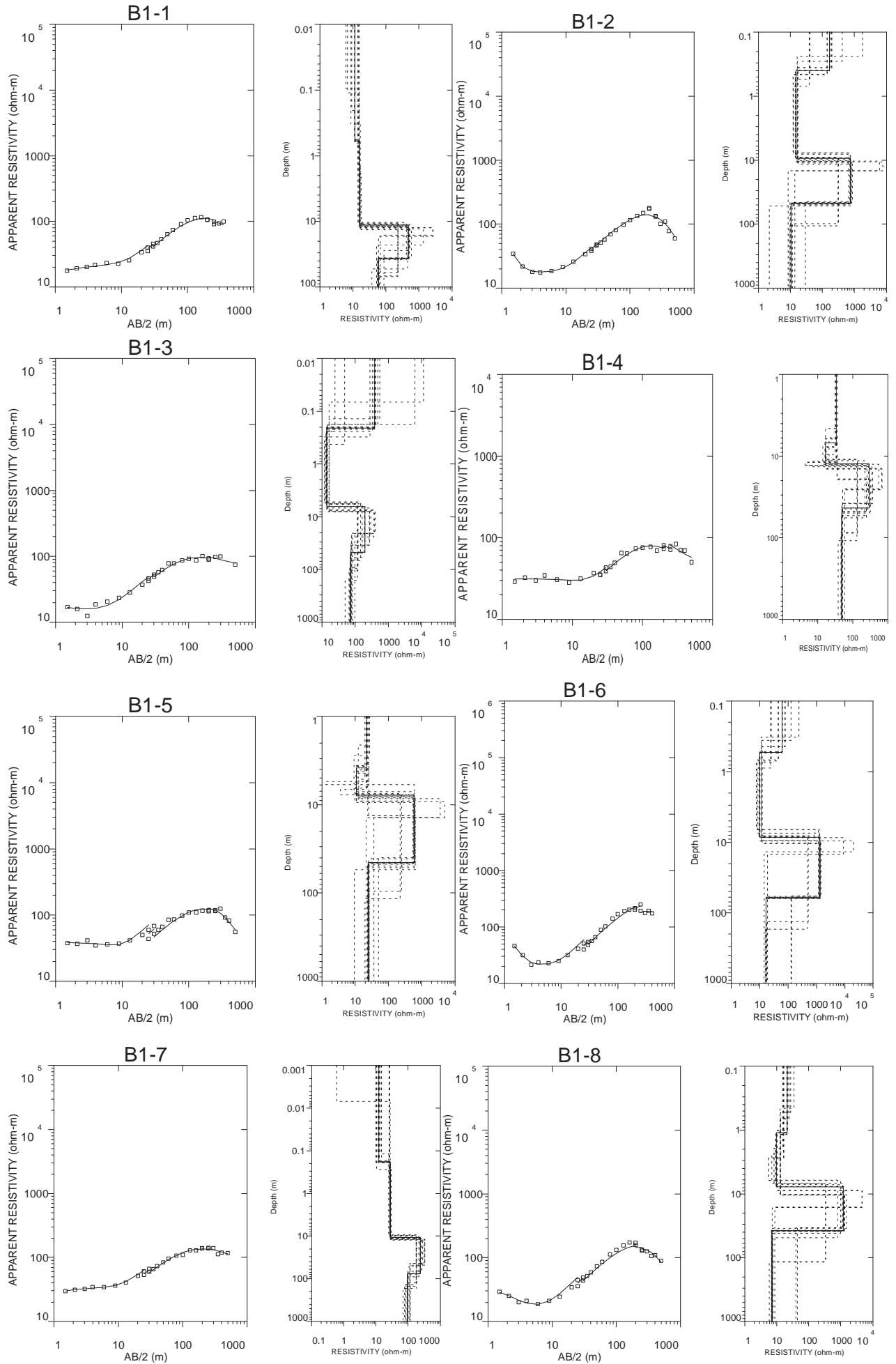


(Line 1 ~ Line 3)

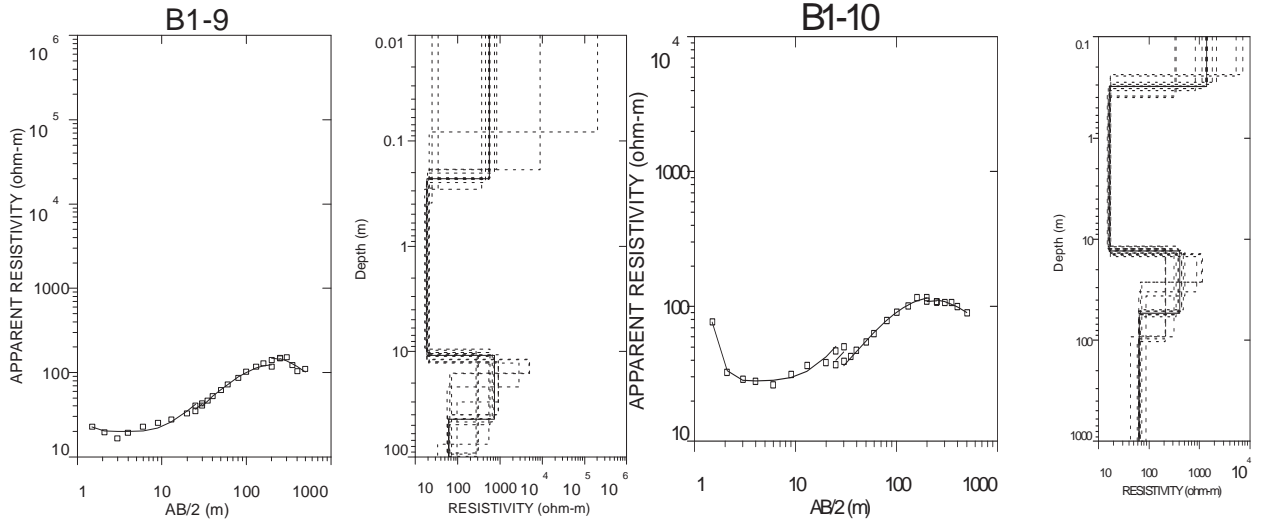
データ 4.1.2 見かけ比抵抗断面調査結果 (RVS BH-10)

データ 4.1.3 VES 解析結果 (1/13)

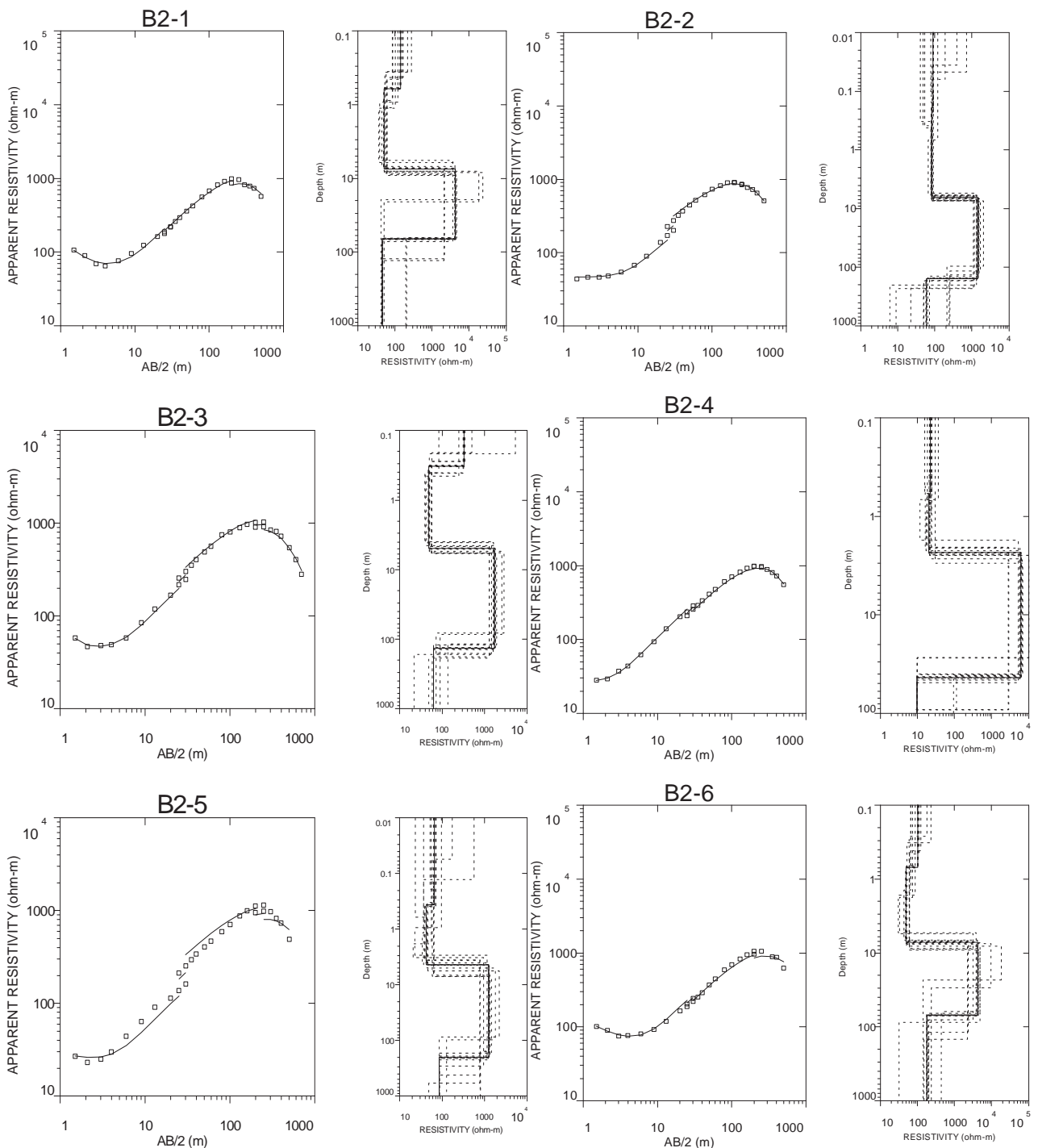
Borehole No.1



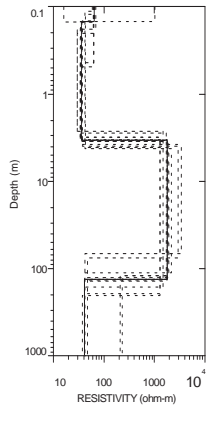
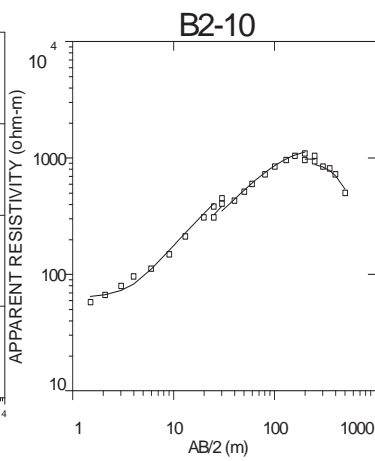
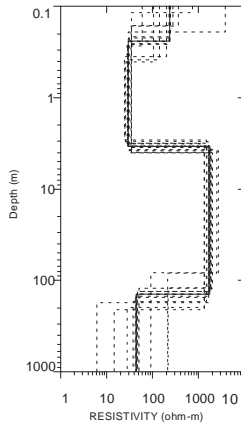
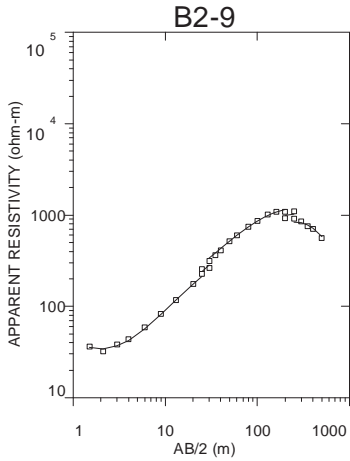
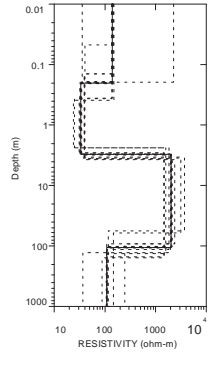
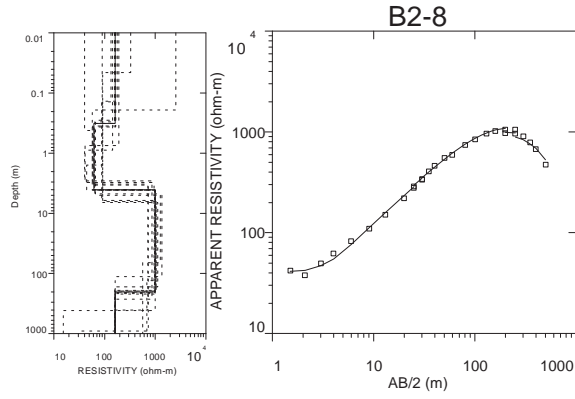
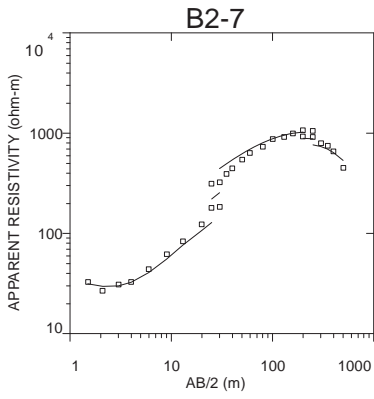
データ 4.1.3 VES 解析結果 (2/13)



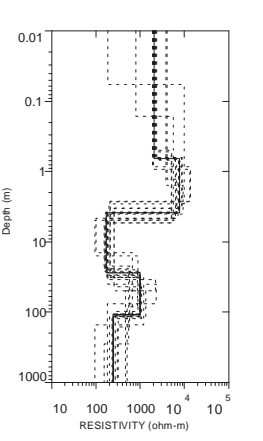
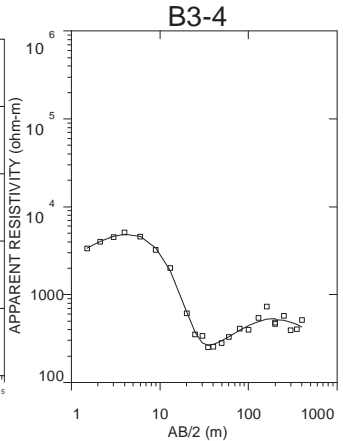
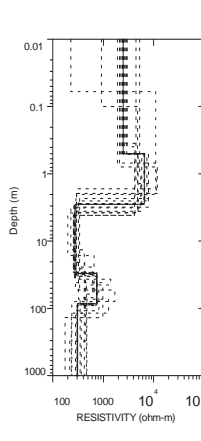
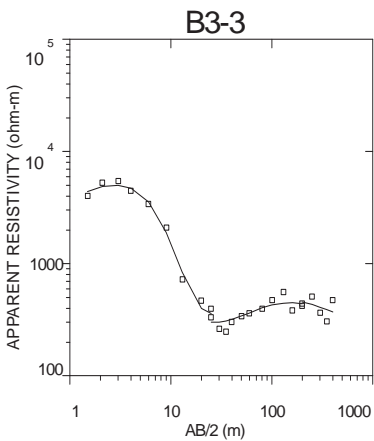
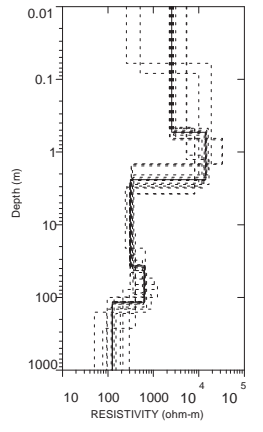
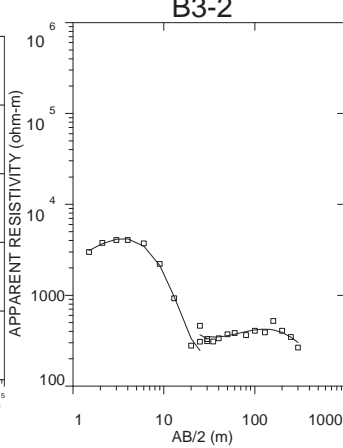
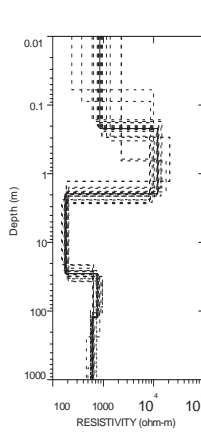
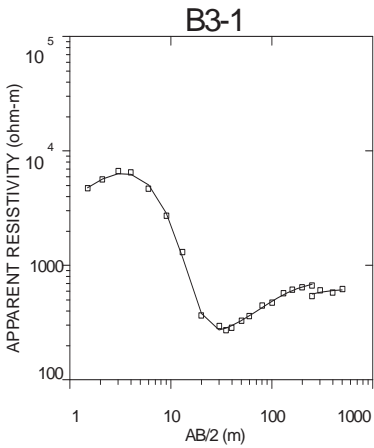
Borehole No.2



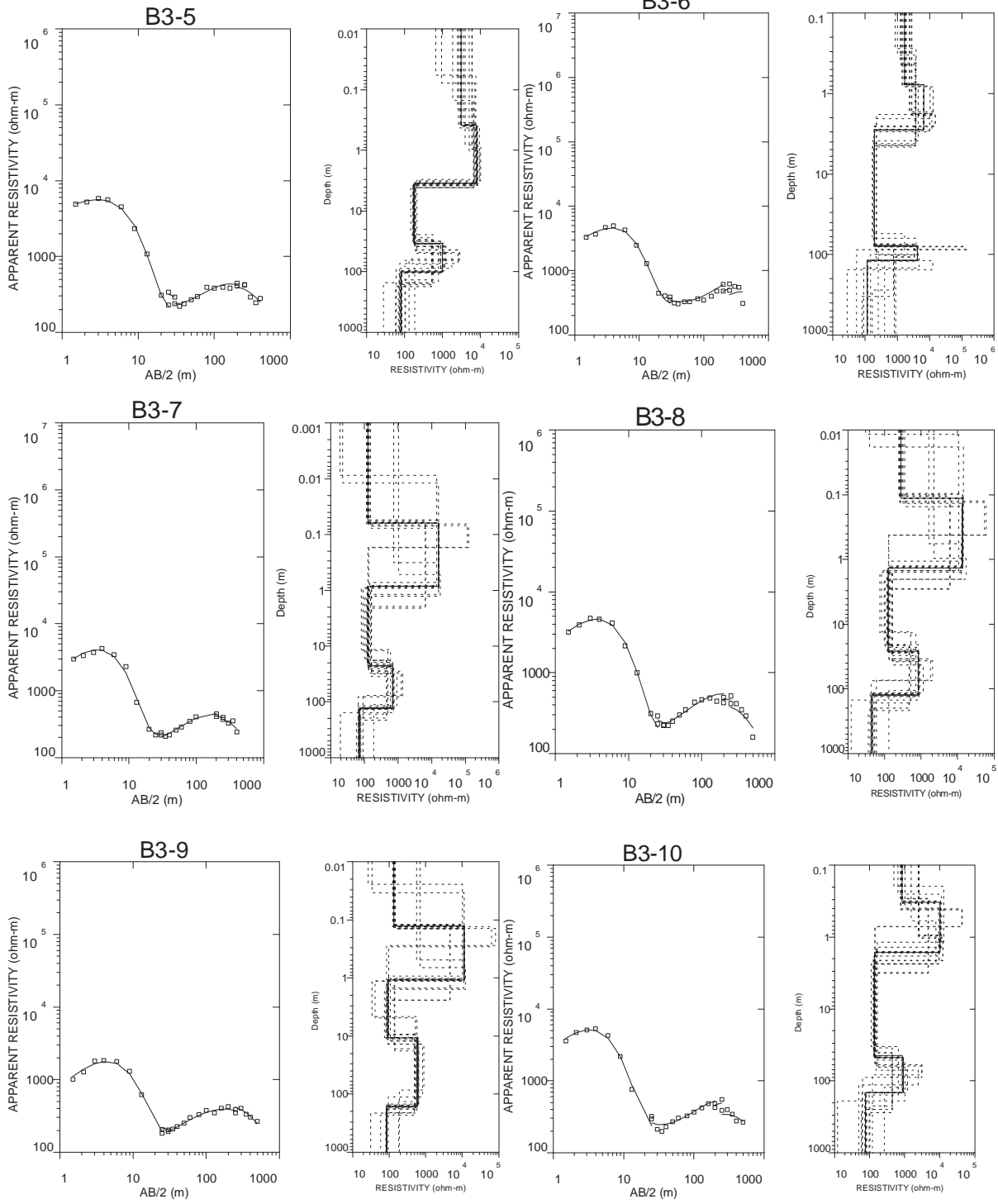
データ 4.1.3 VES 解析結果 (3/13)



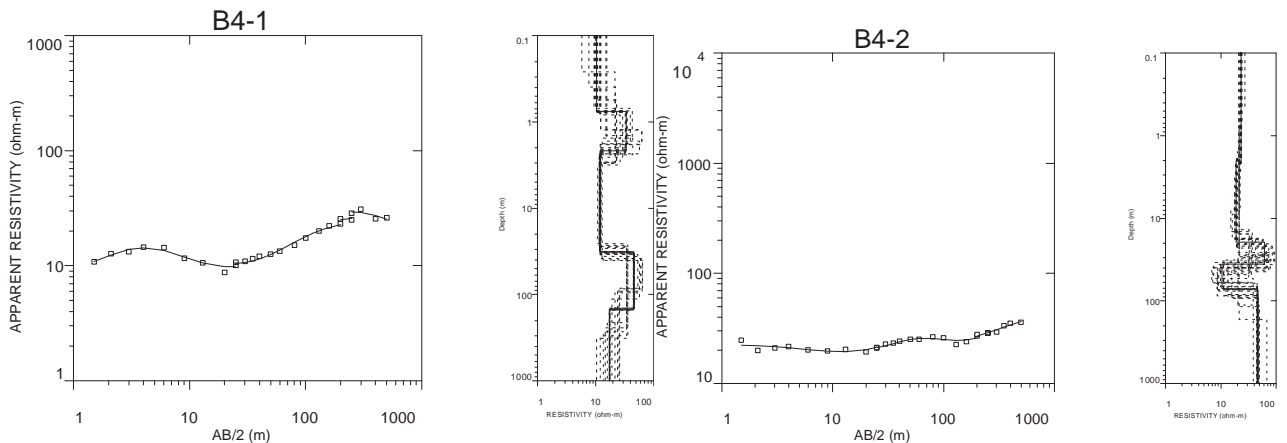
Borehole No.3



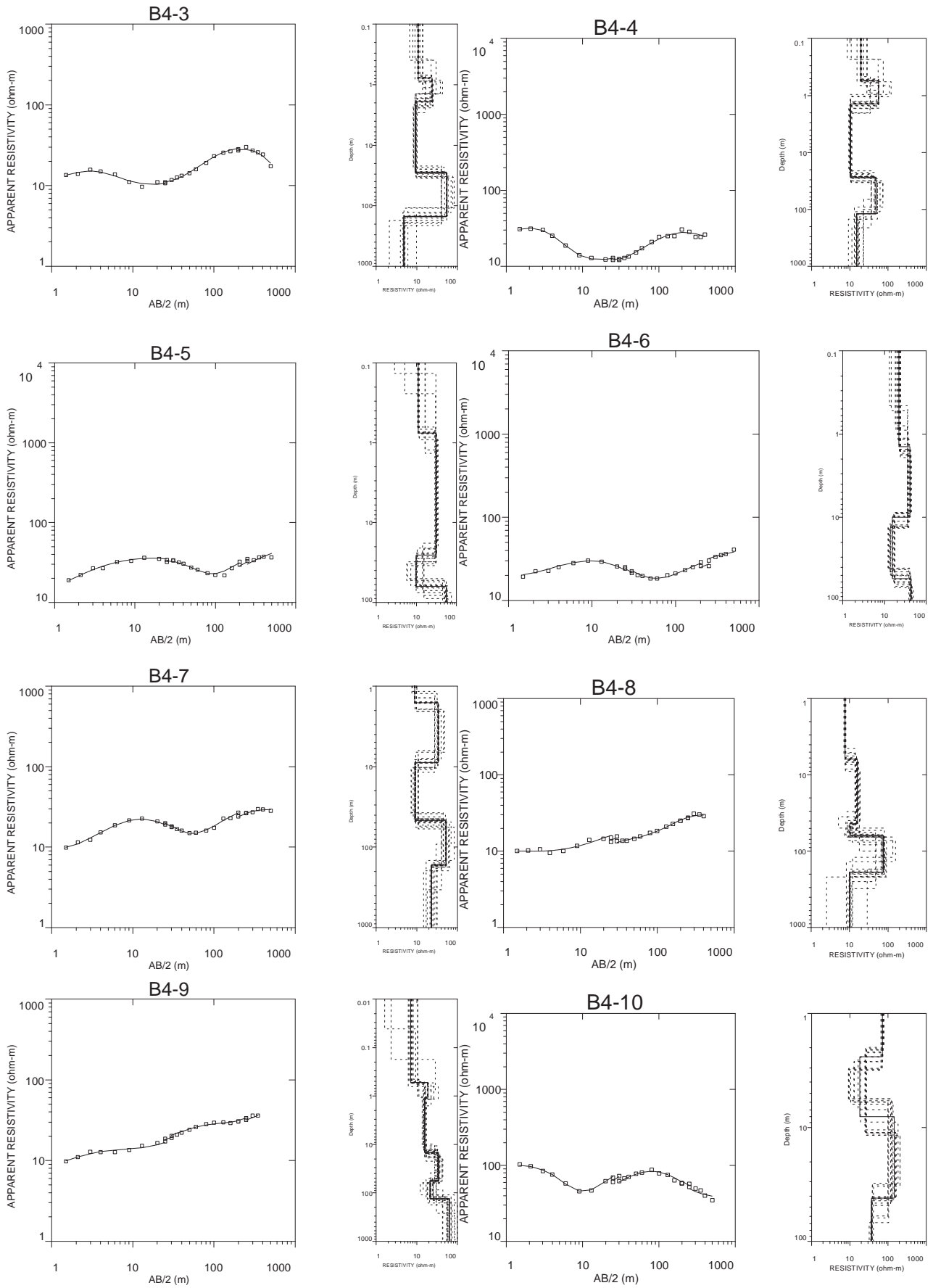
データ 4.1.3 VES 解析結果 (4/13)



Borehole No.4

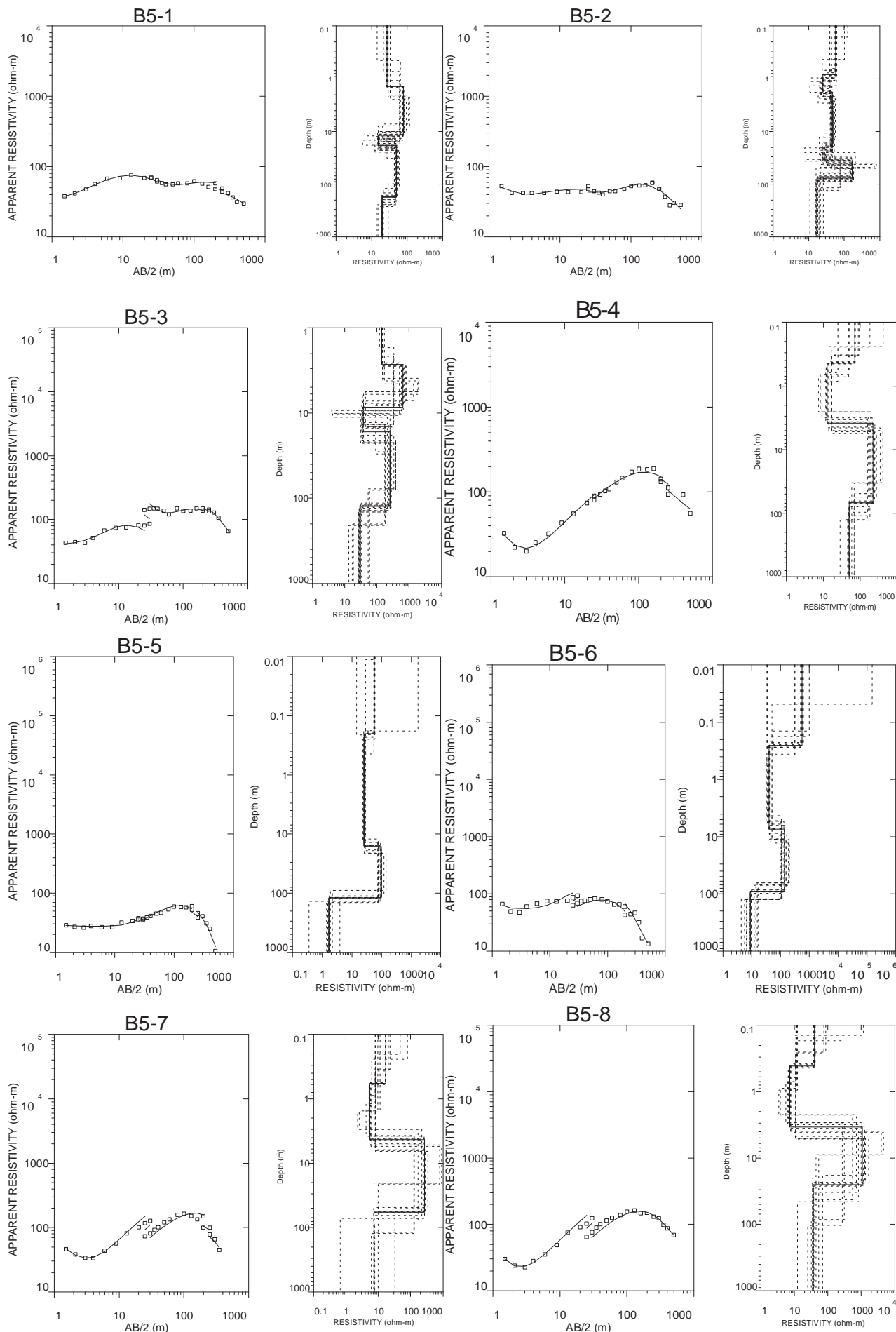


データ 4.1.3 VES 解析結果 (5/13)

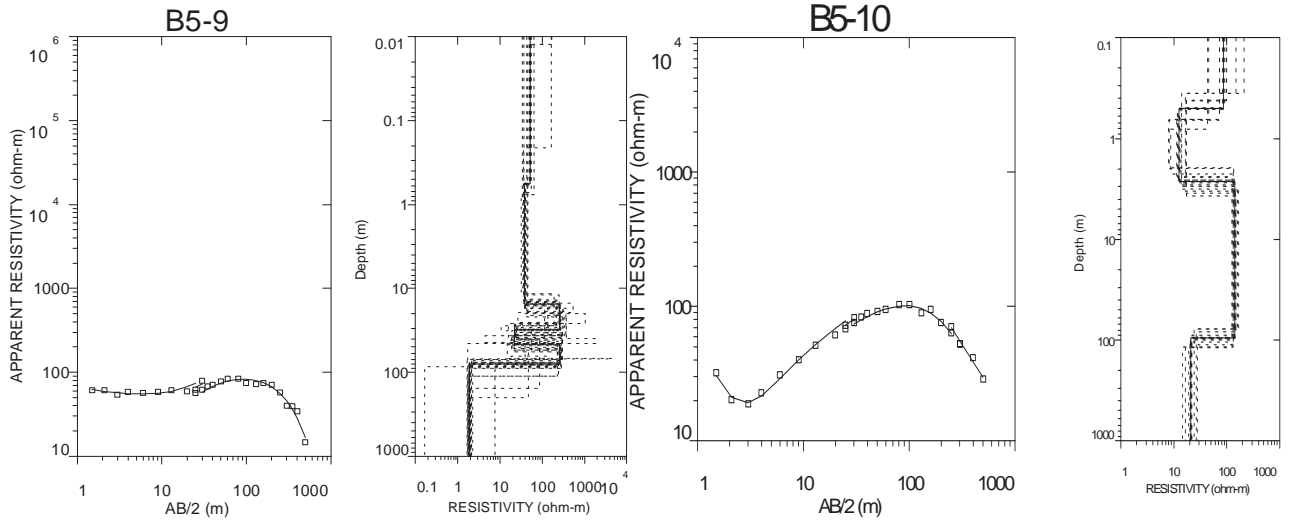


データ 4.1.3 VES 解析結果 (6/13)

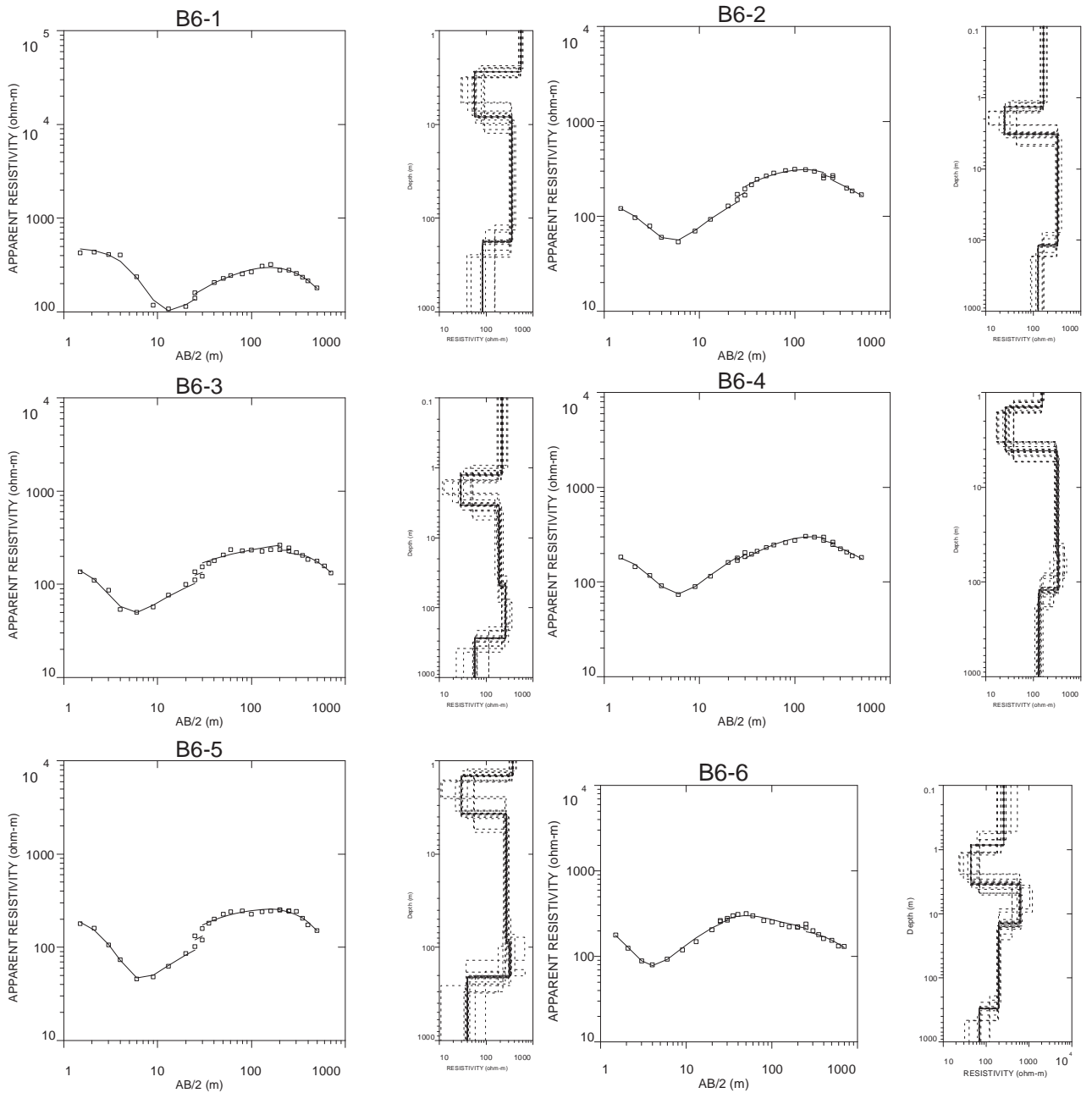
Borehole No.5



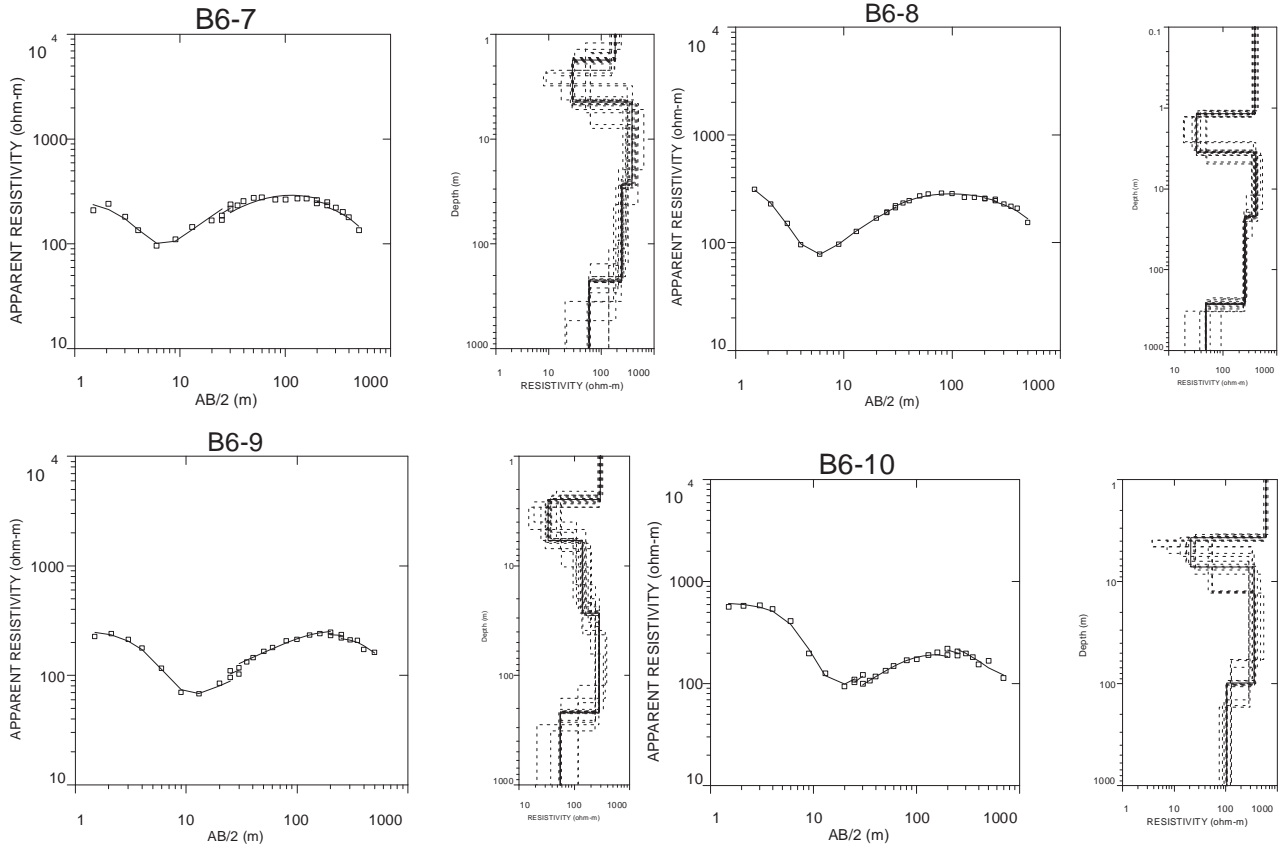
データ 4.1.3 VES 解析結果 (7/13)



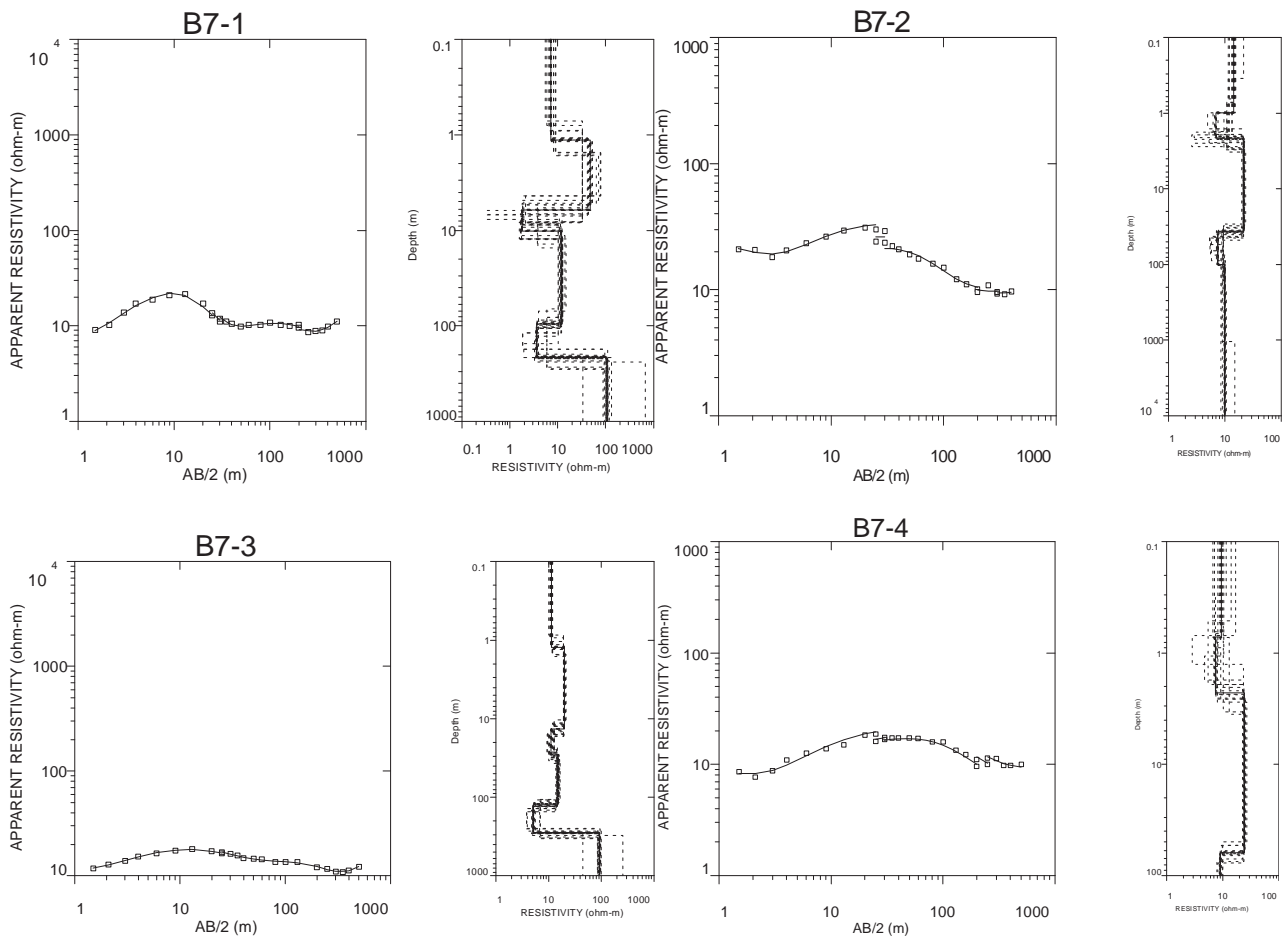
Borehole No.6



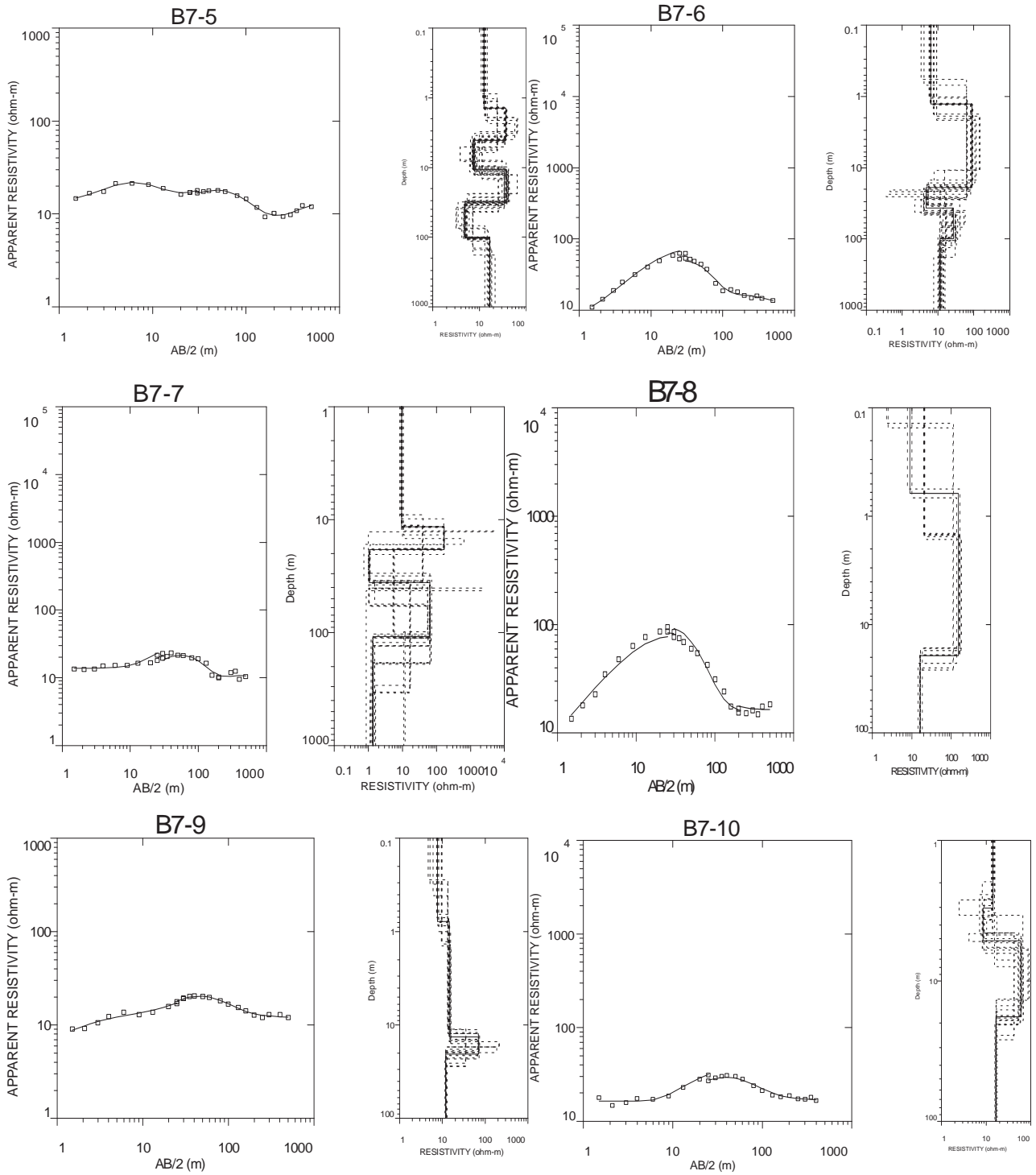
データ 4.1.3 VES 解析結果 (8/13)



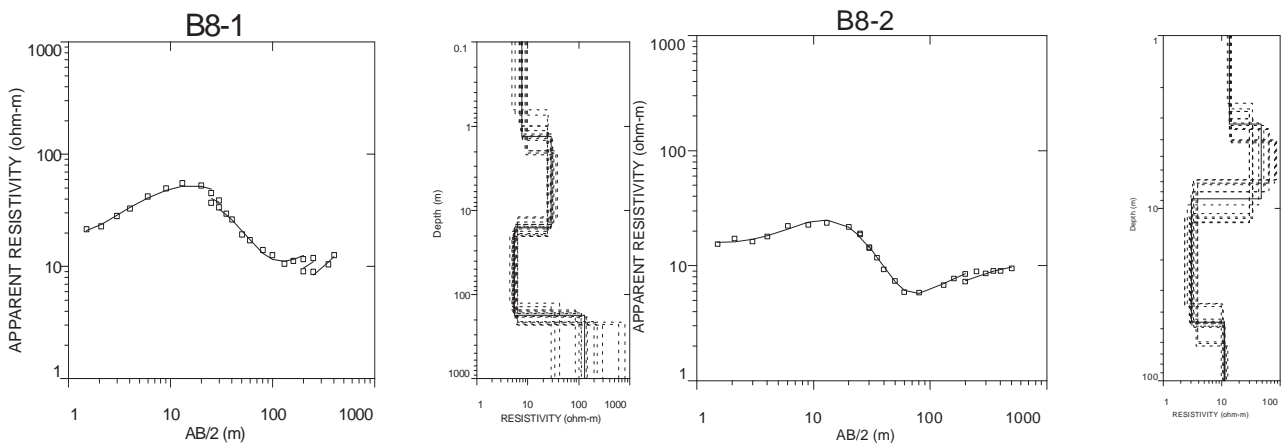
Borehole No.7



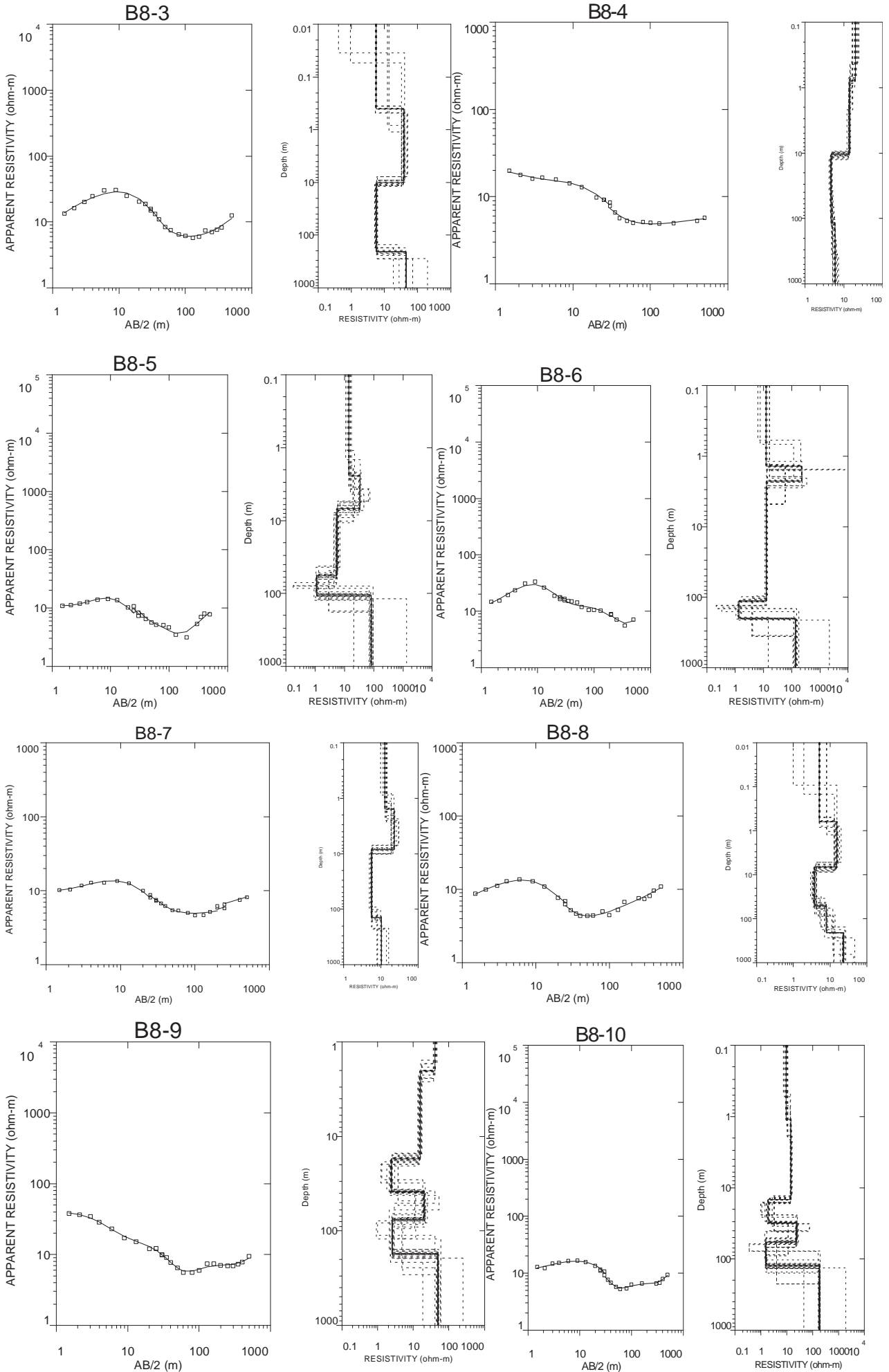
データ 4.1.3 VES 解析結果 (9/13)



Borehole No.8

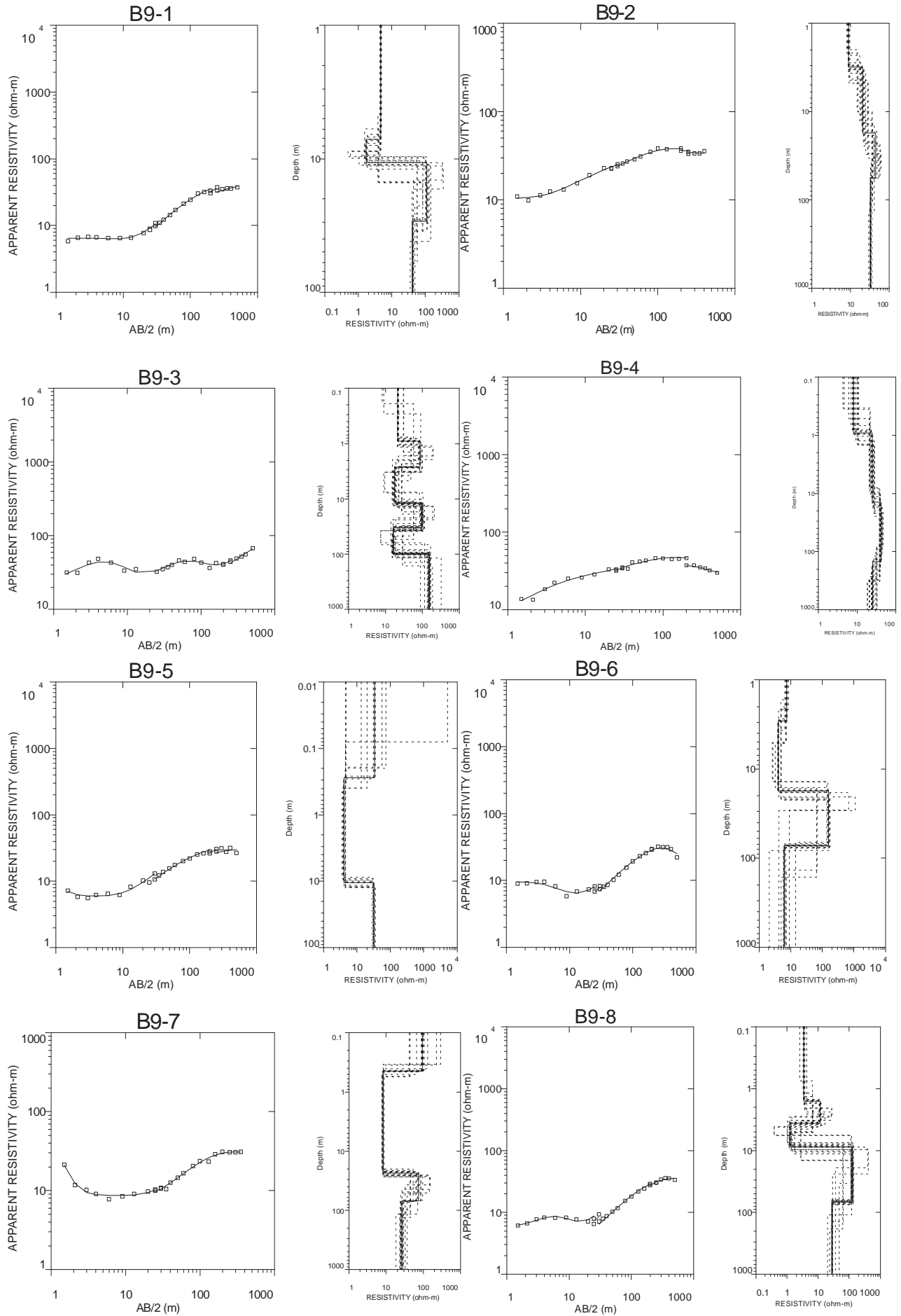


データ 4.1.3 VES 解析結果 (10/13)

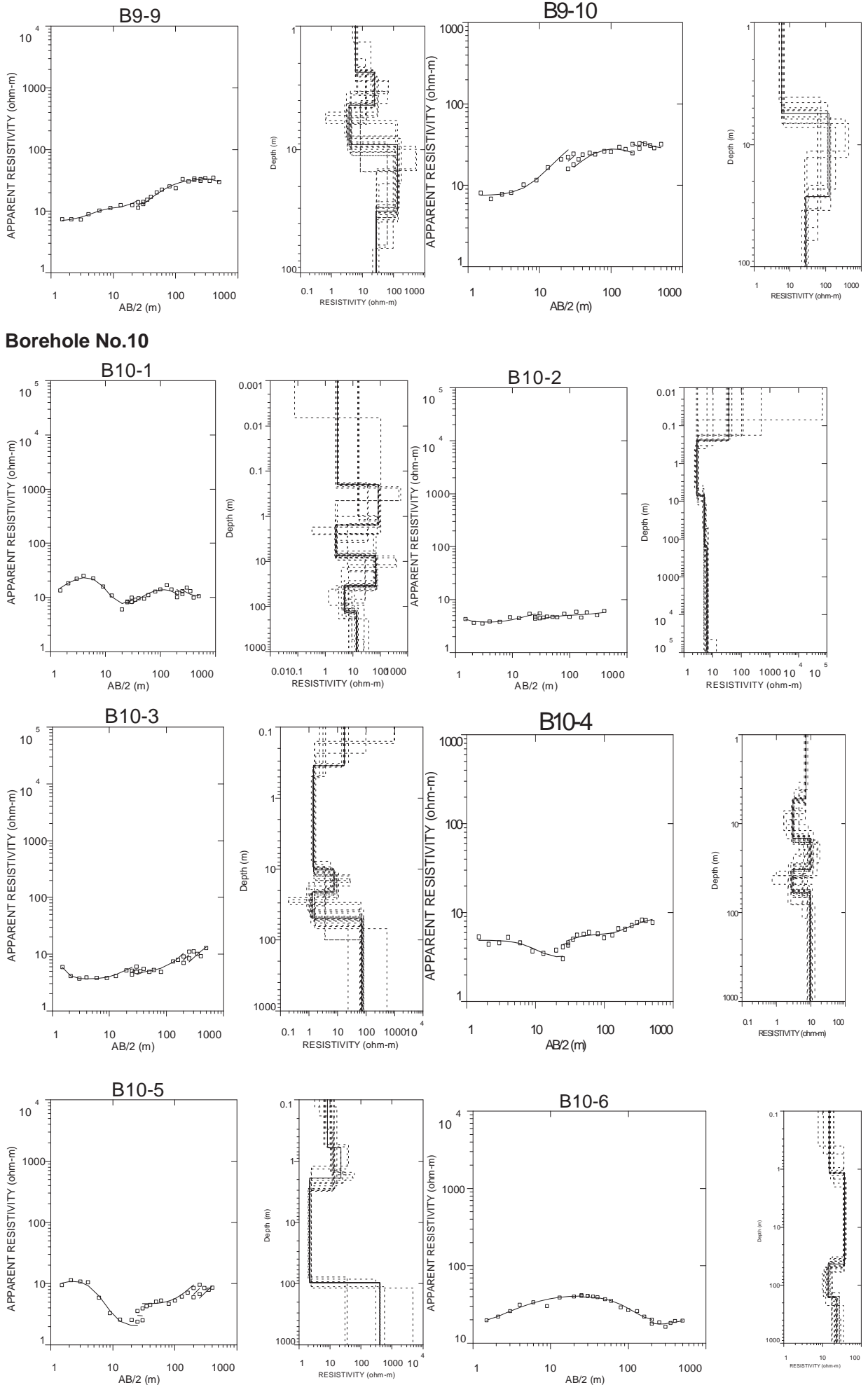


データ 4.1.3 VES 解析結果 (11/13)

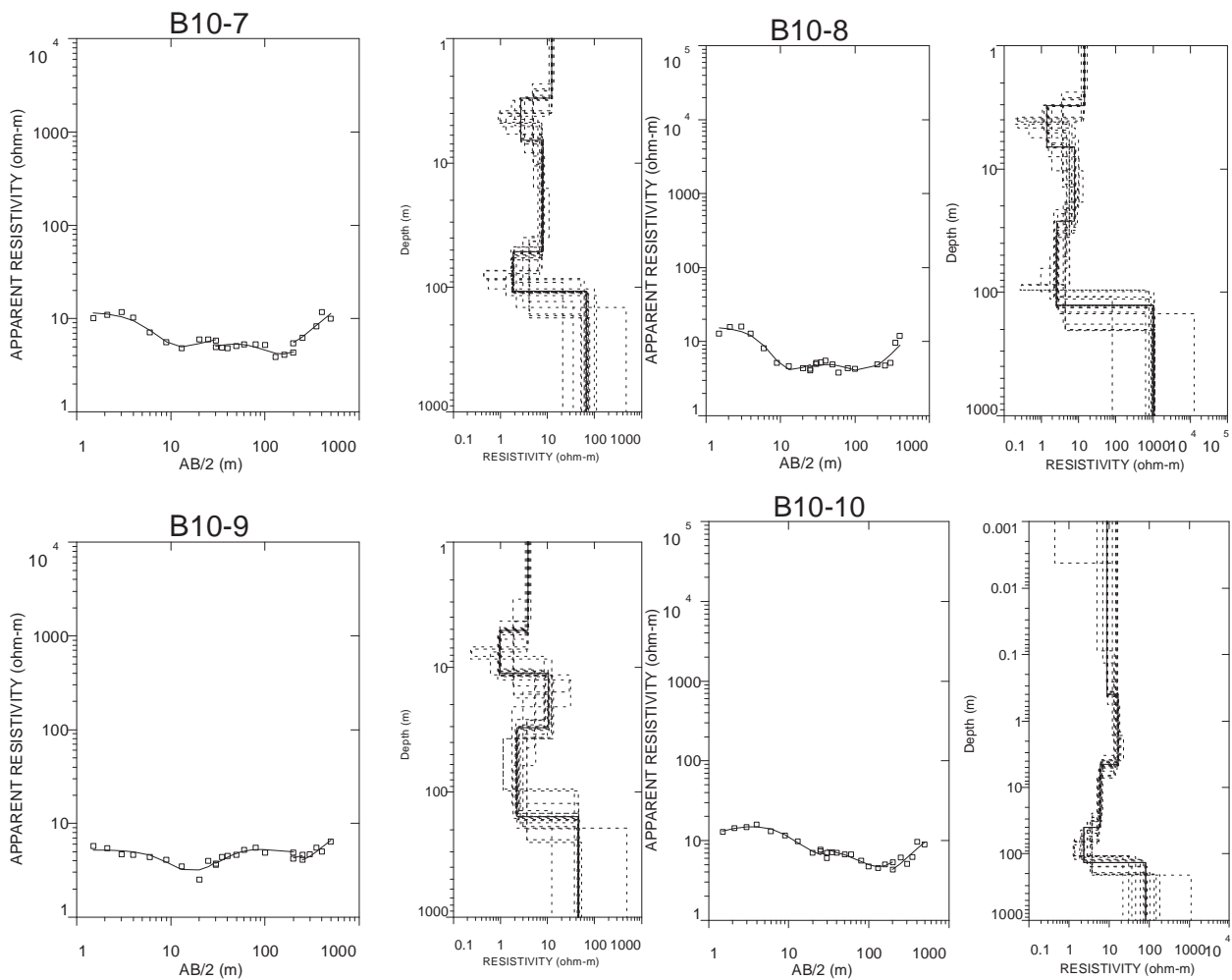
Borehole No.9

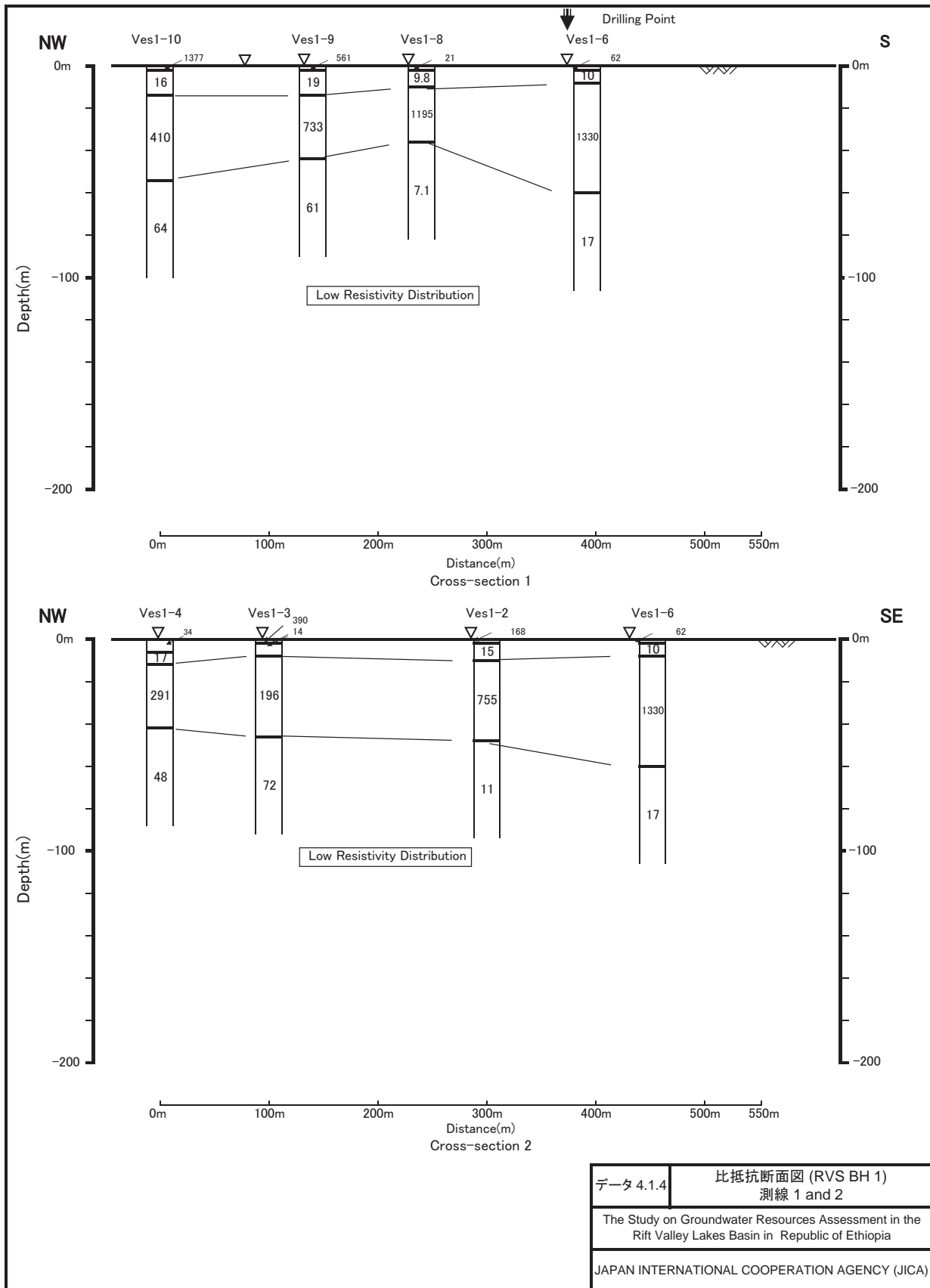


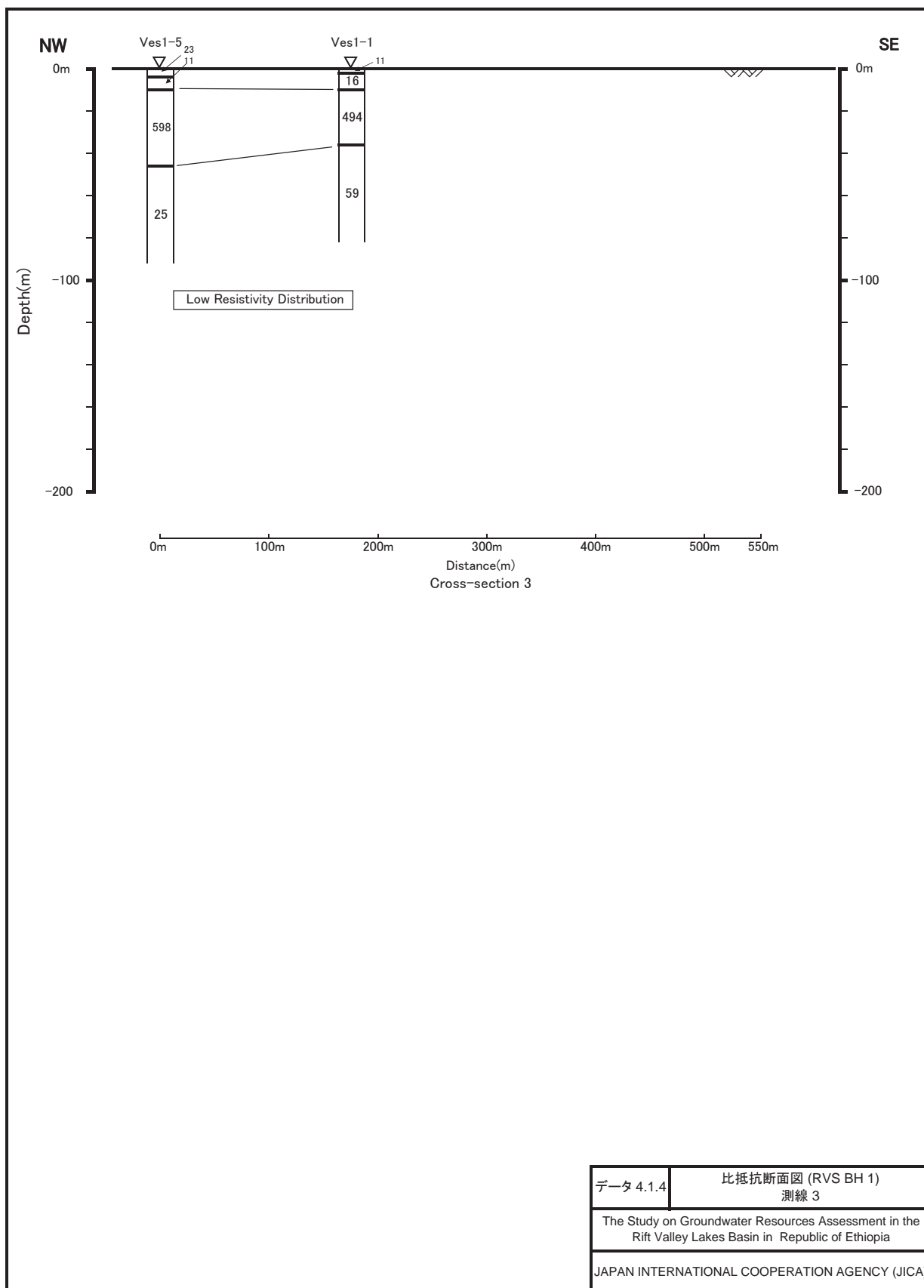
データ 4.1.3 VES 解析結果 (12/13)

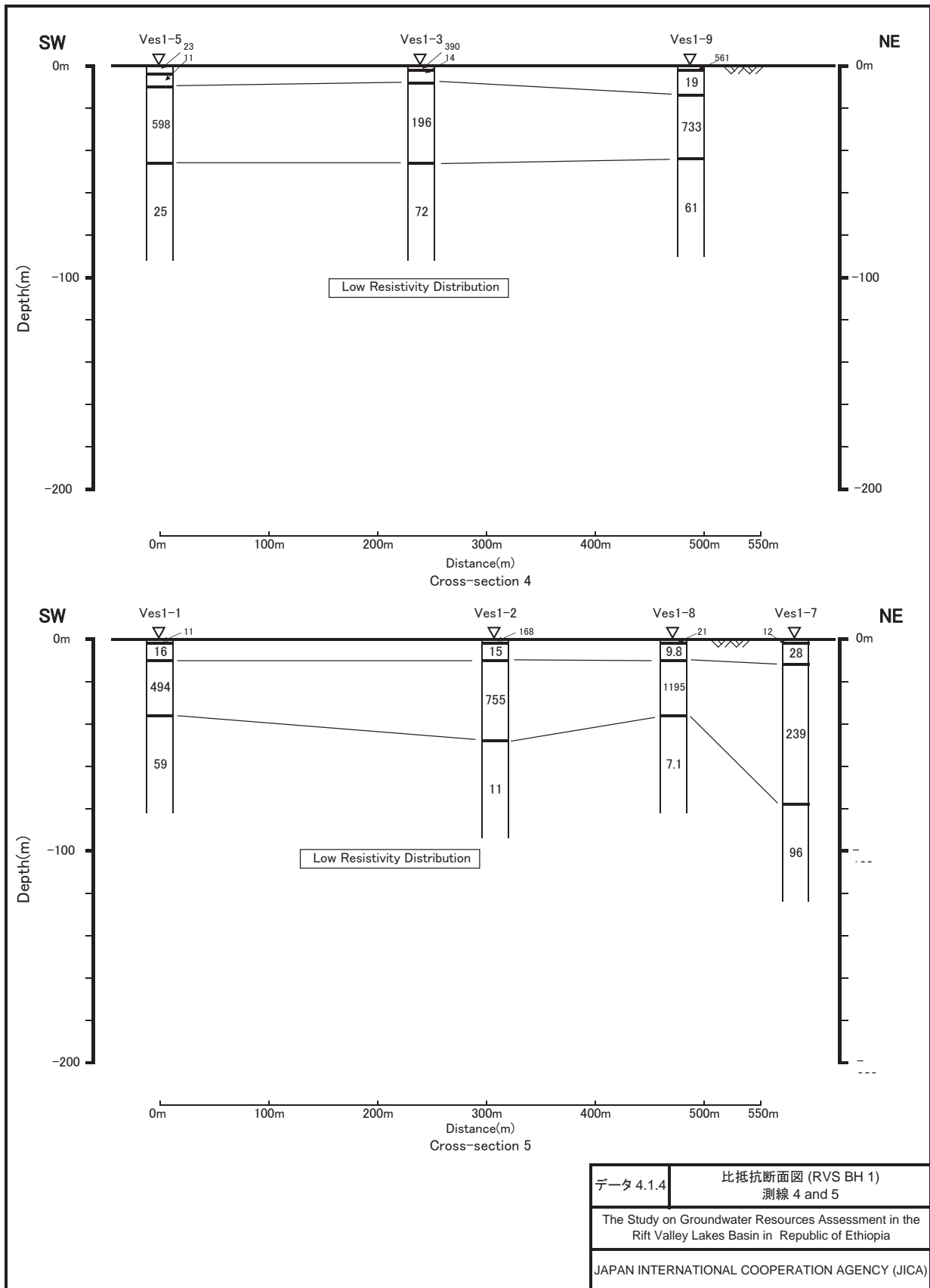


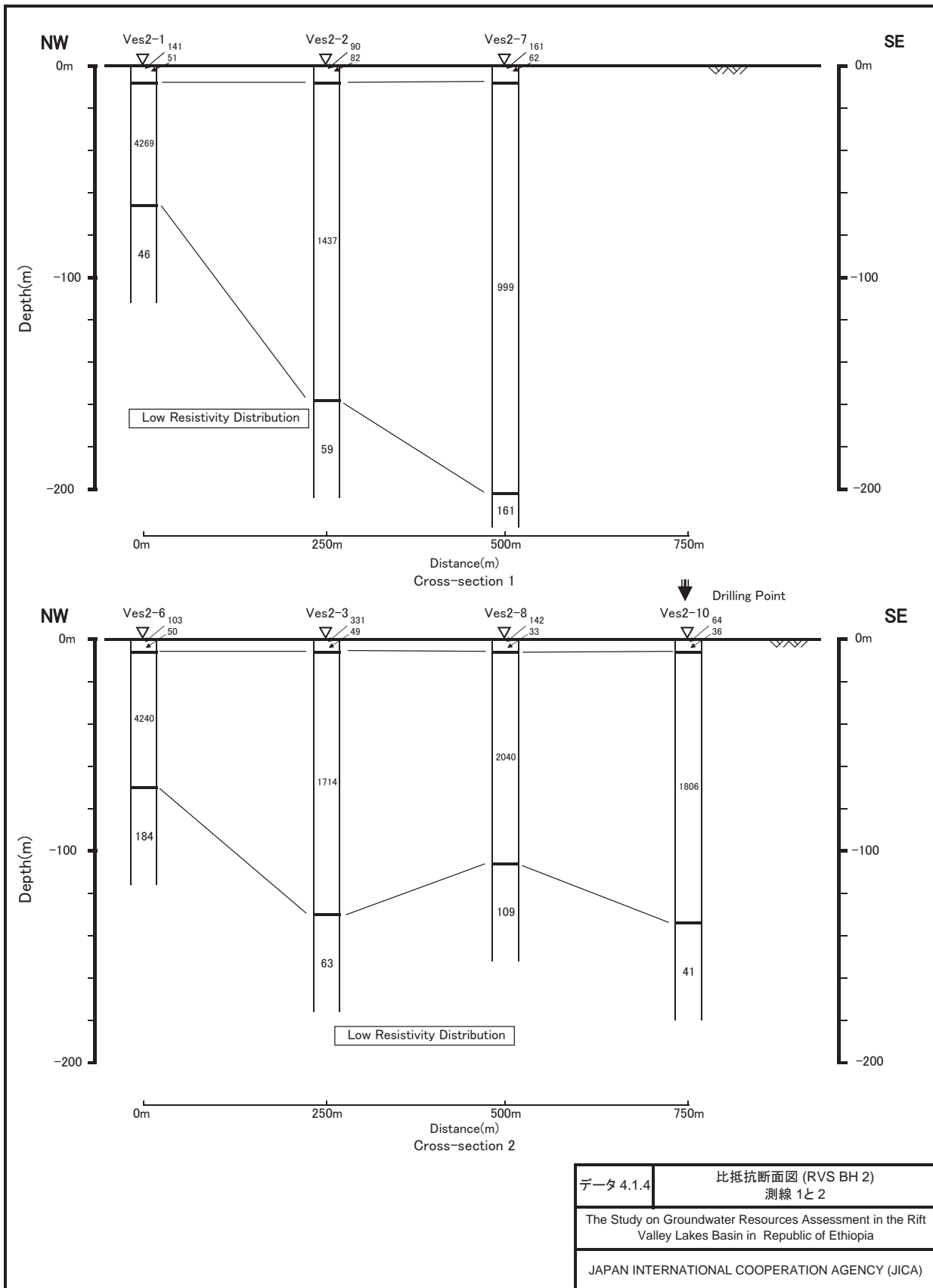
データ 4.1.3 VES 解析結果 (13/13)

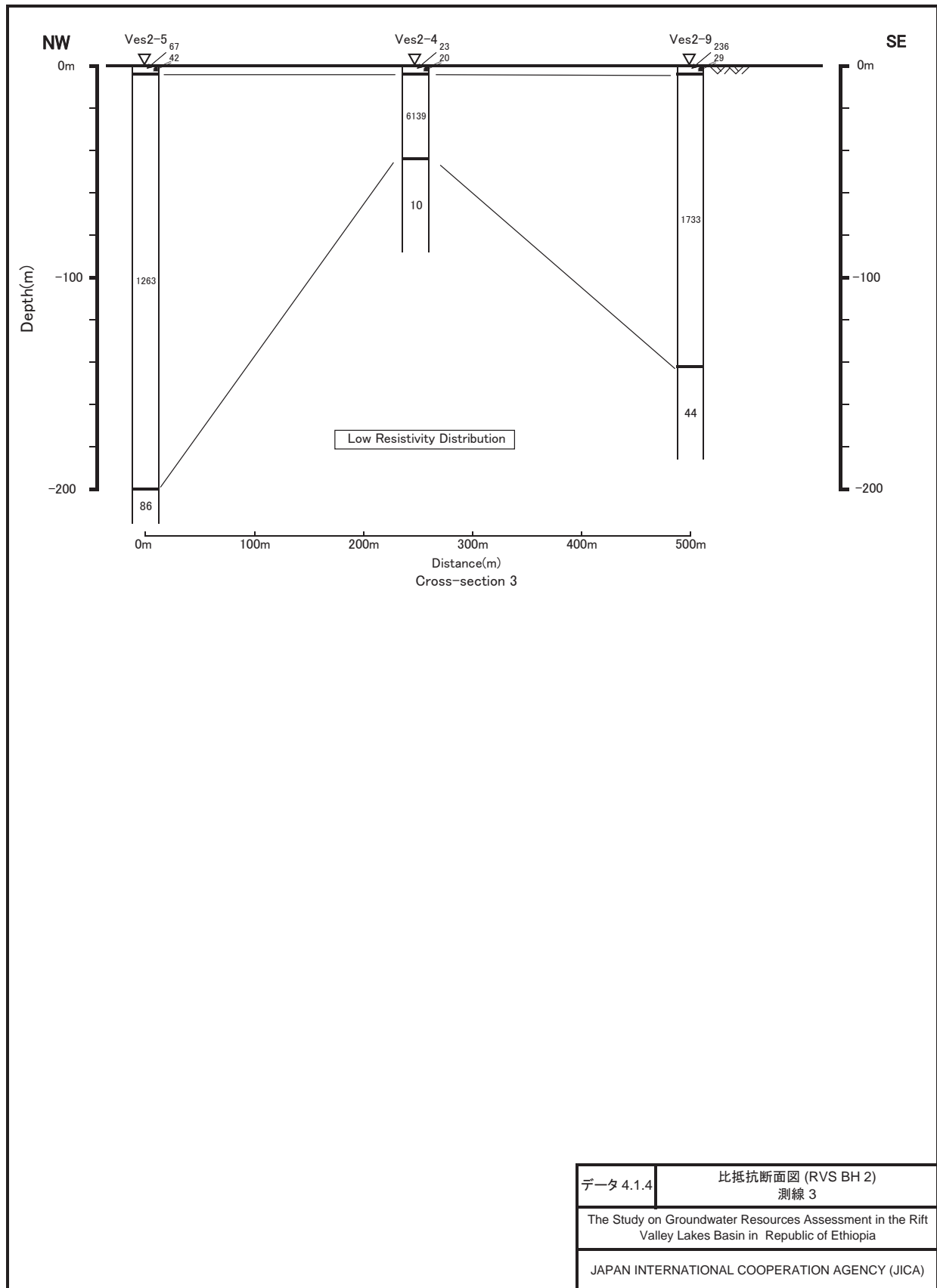




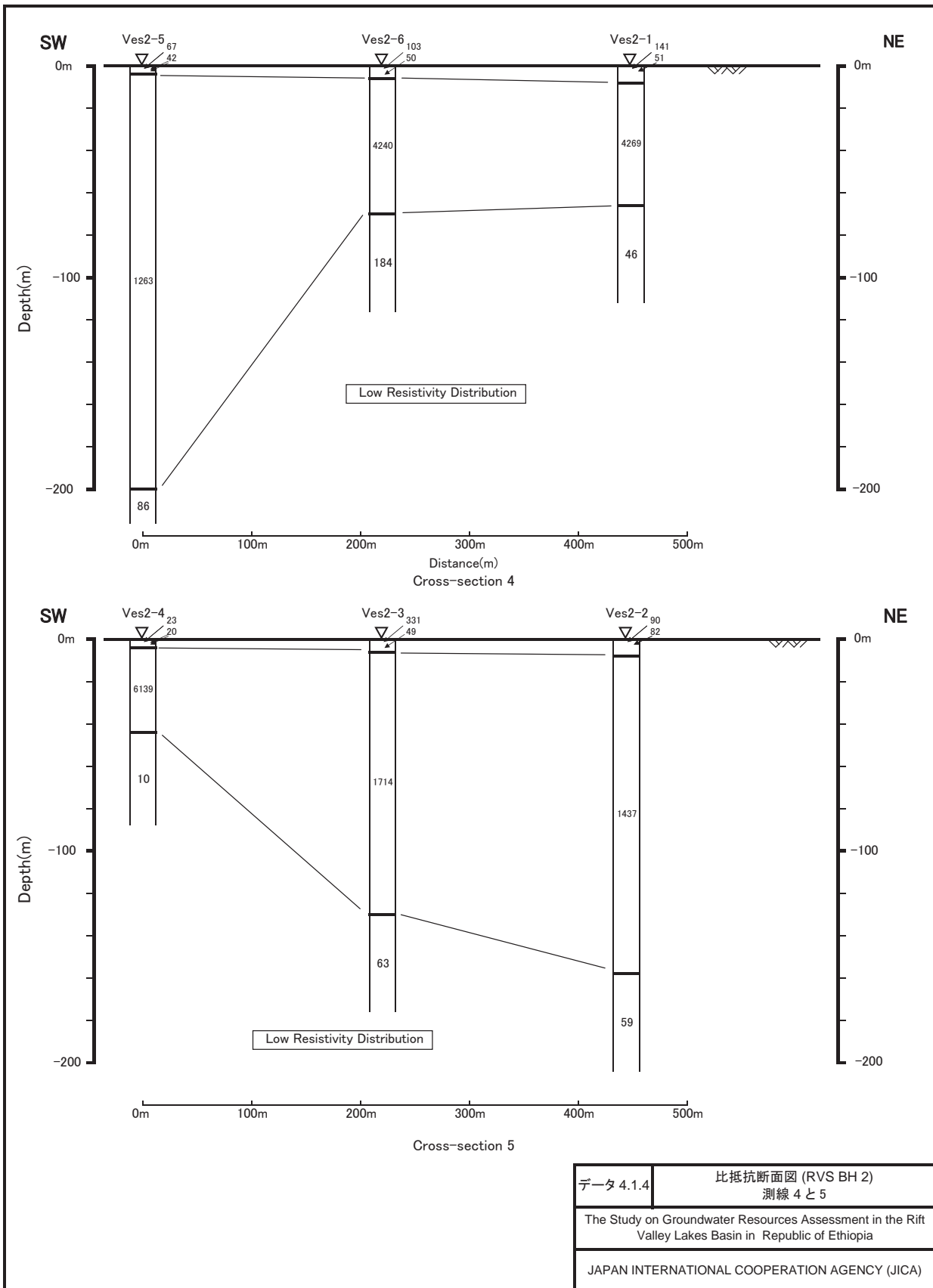


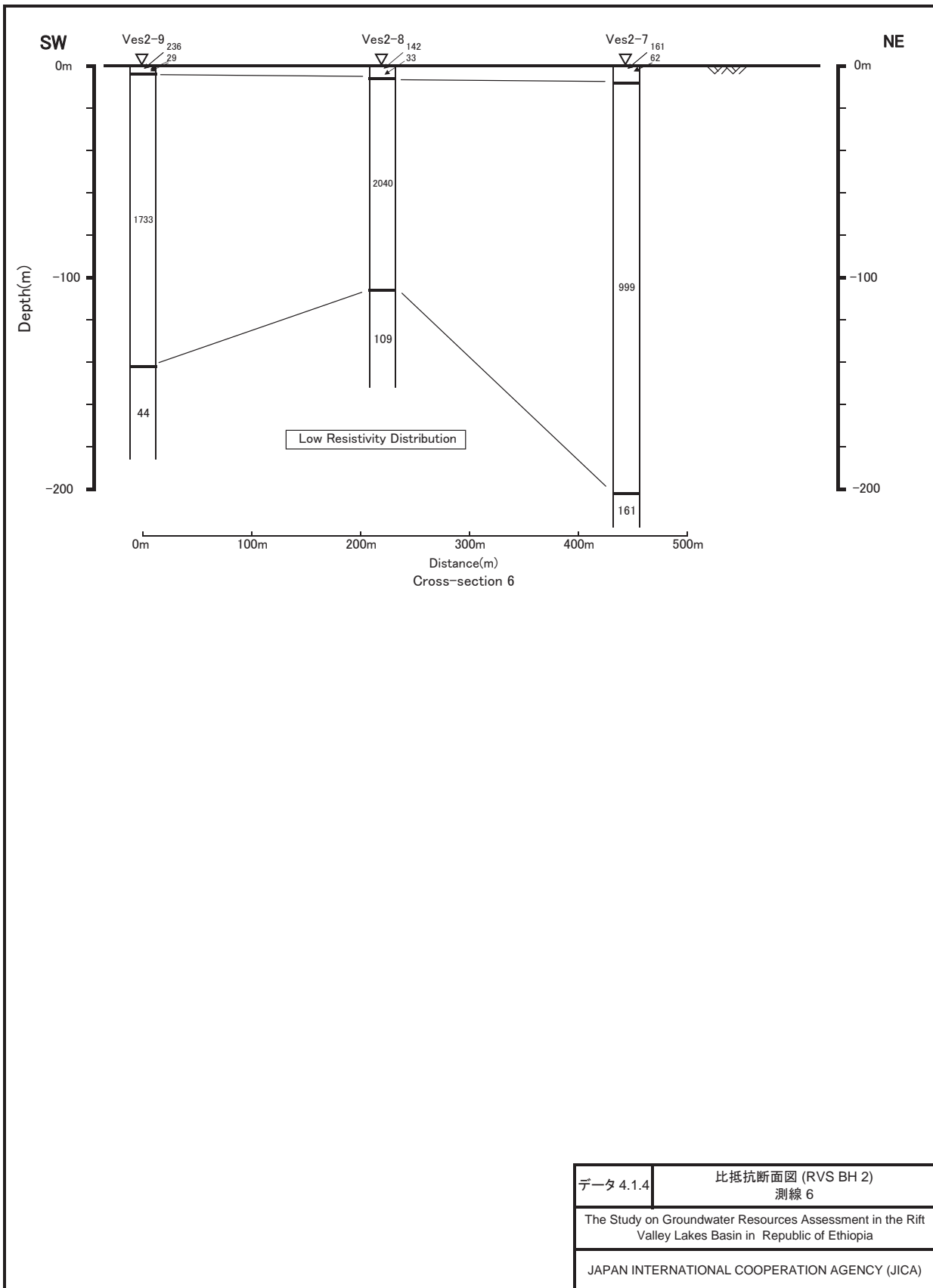


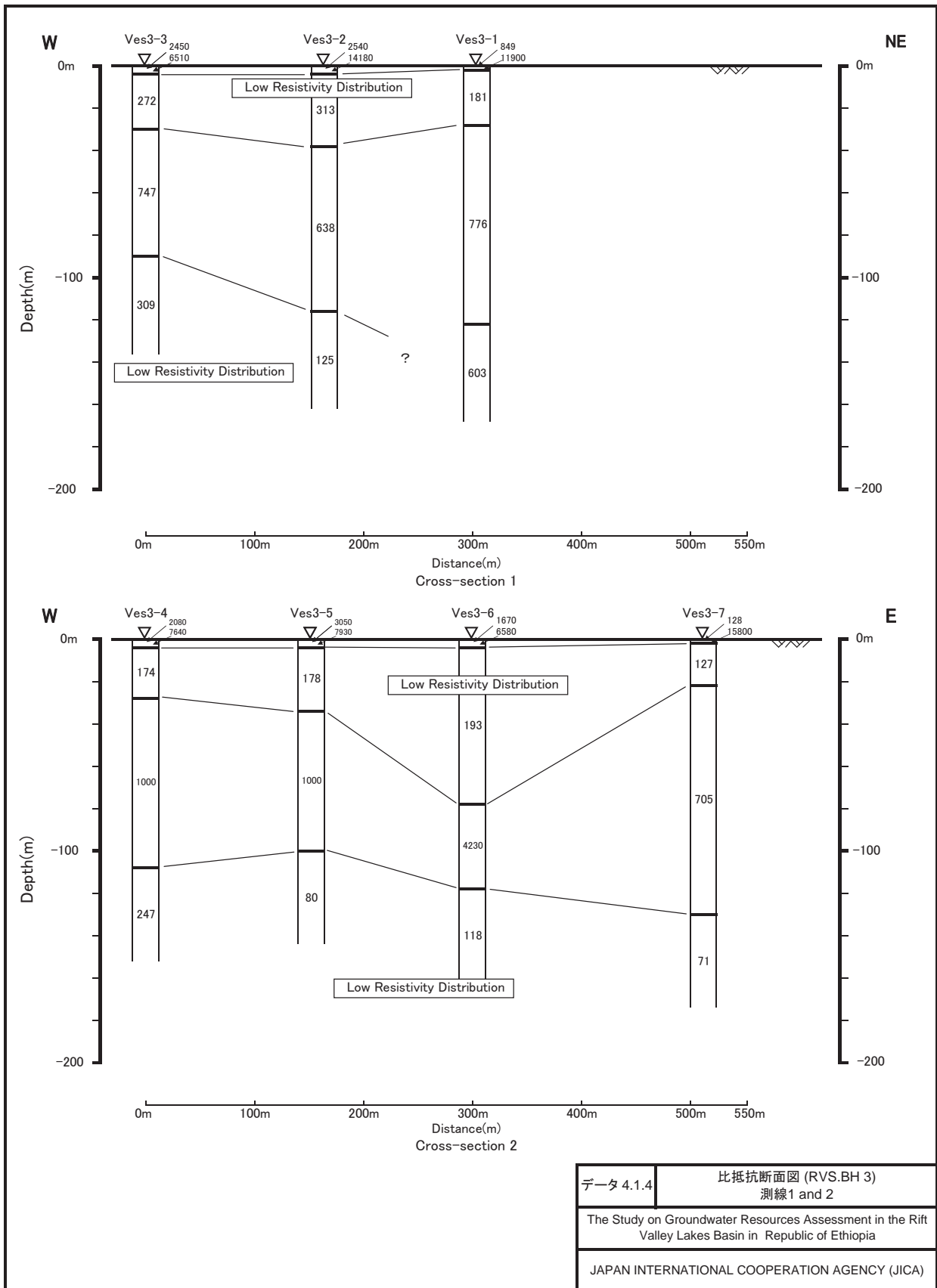




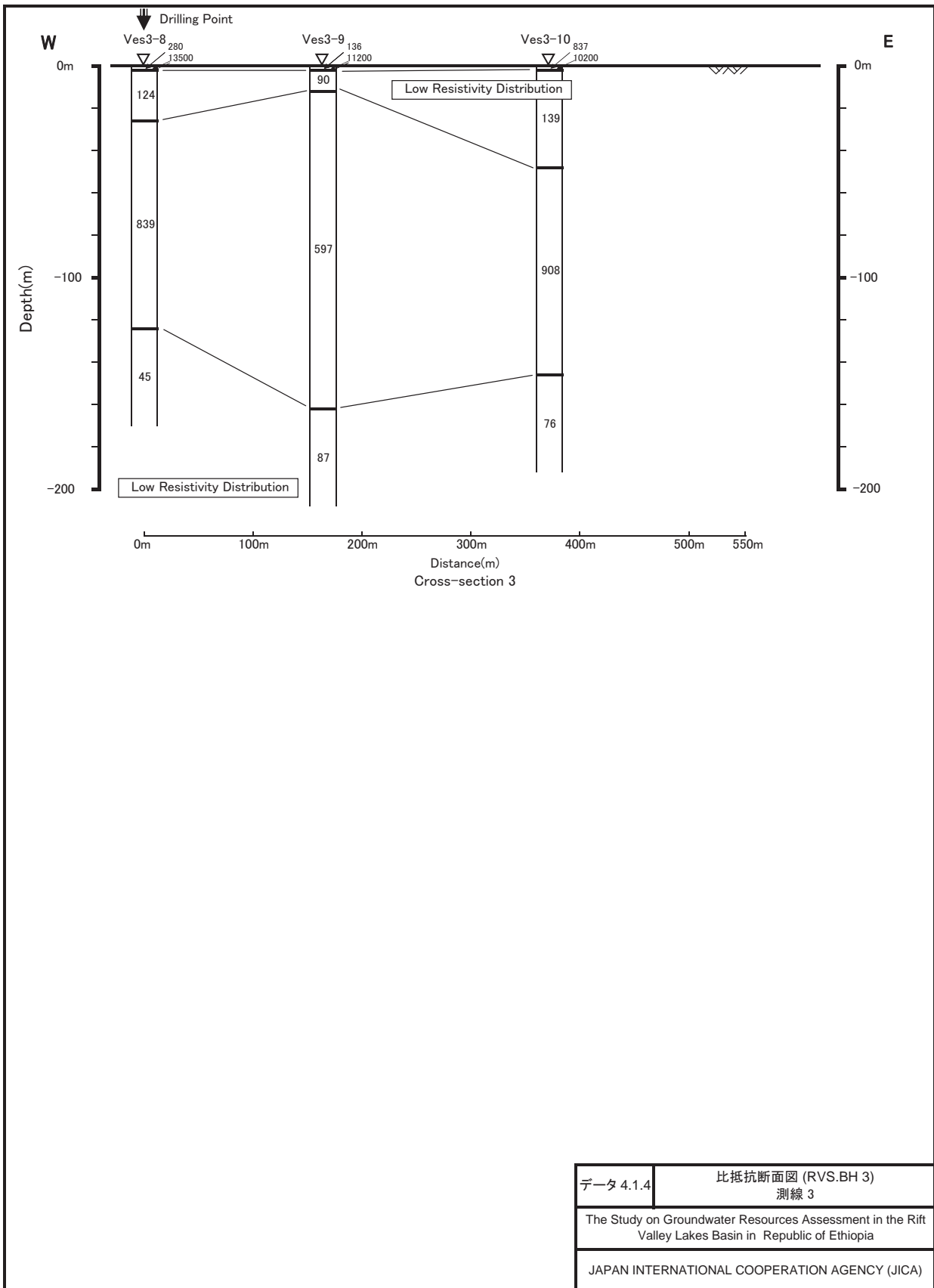
データ 4.1.4	比抵抗断面図 (RVS BH 2) 測線 3
The Study on Groundwater Resources Assessment in the Rift Valley Lakes Basin in Republic of Ethiopia	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	

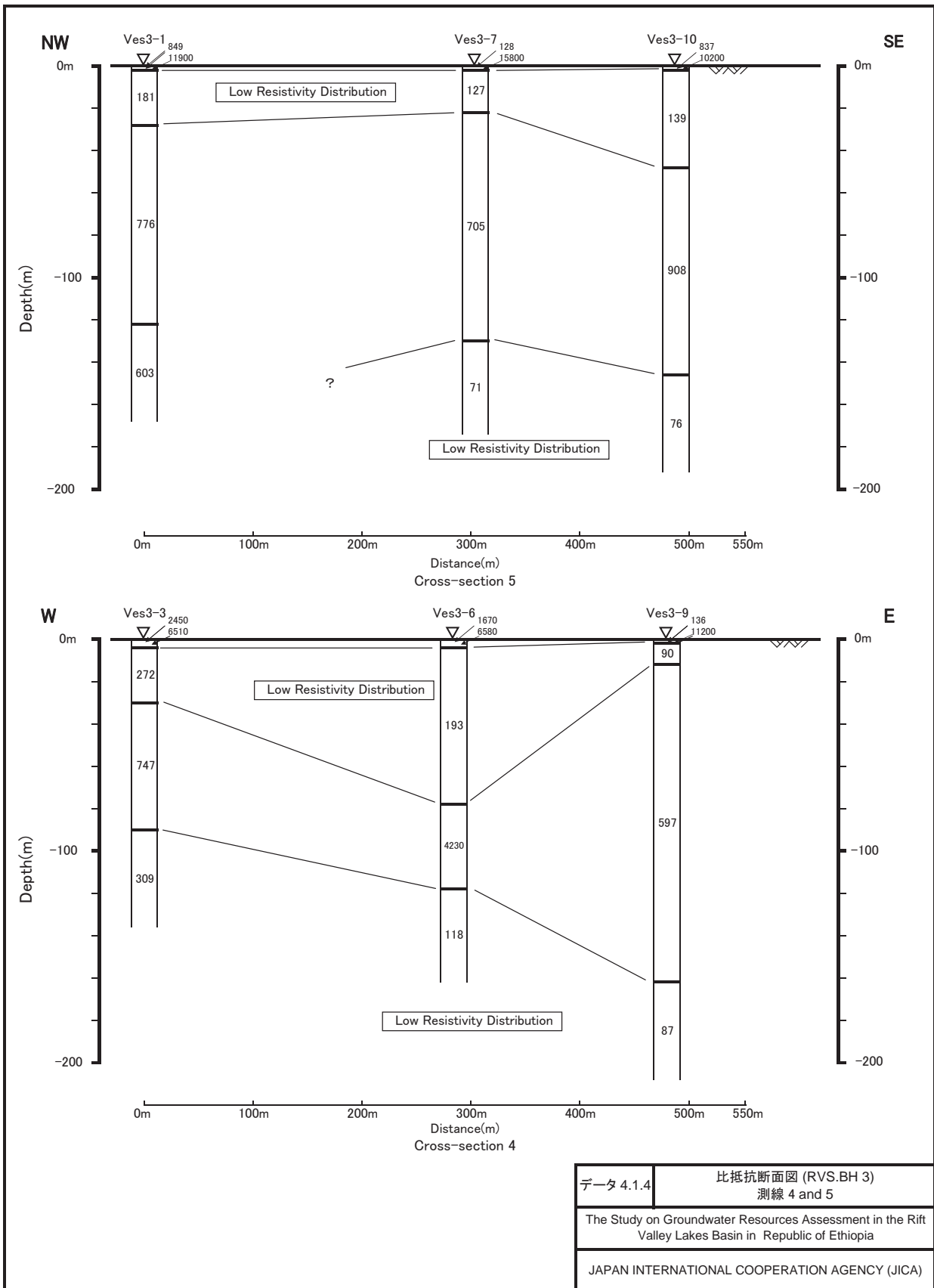


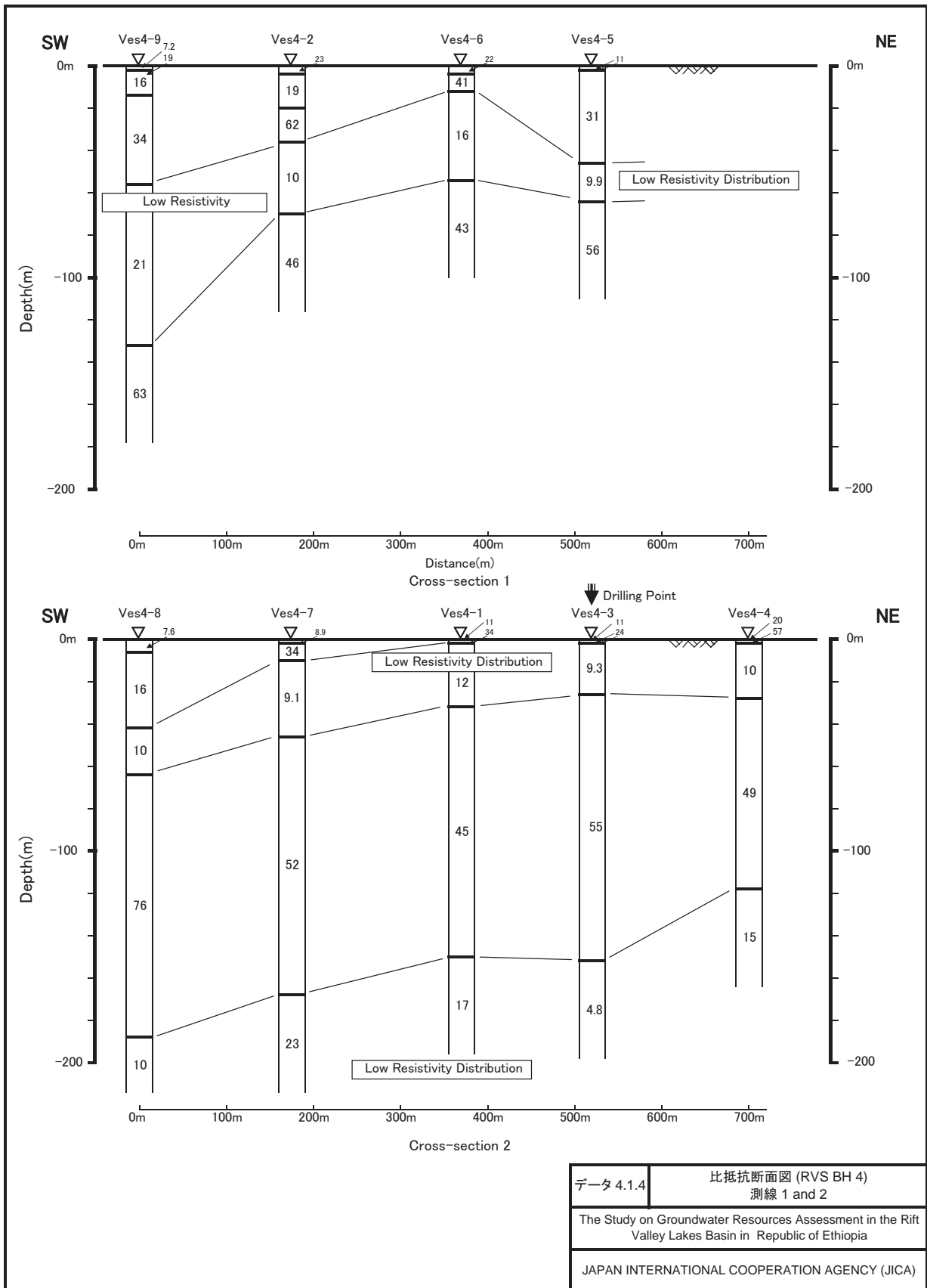


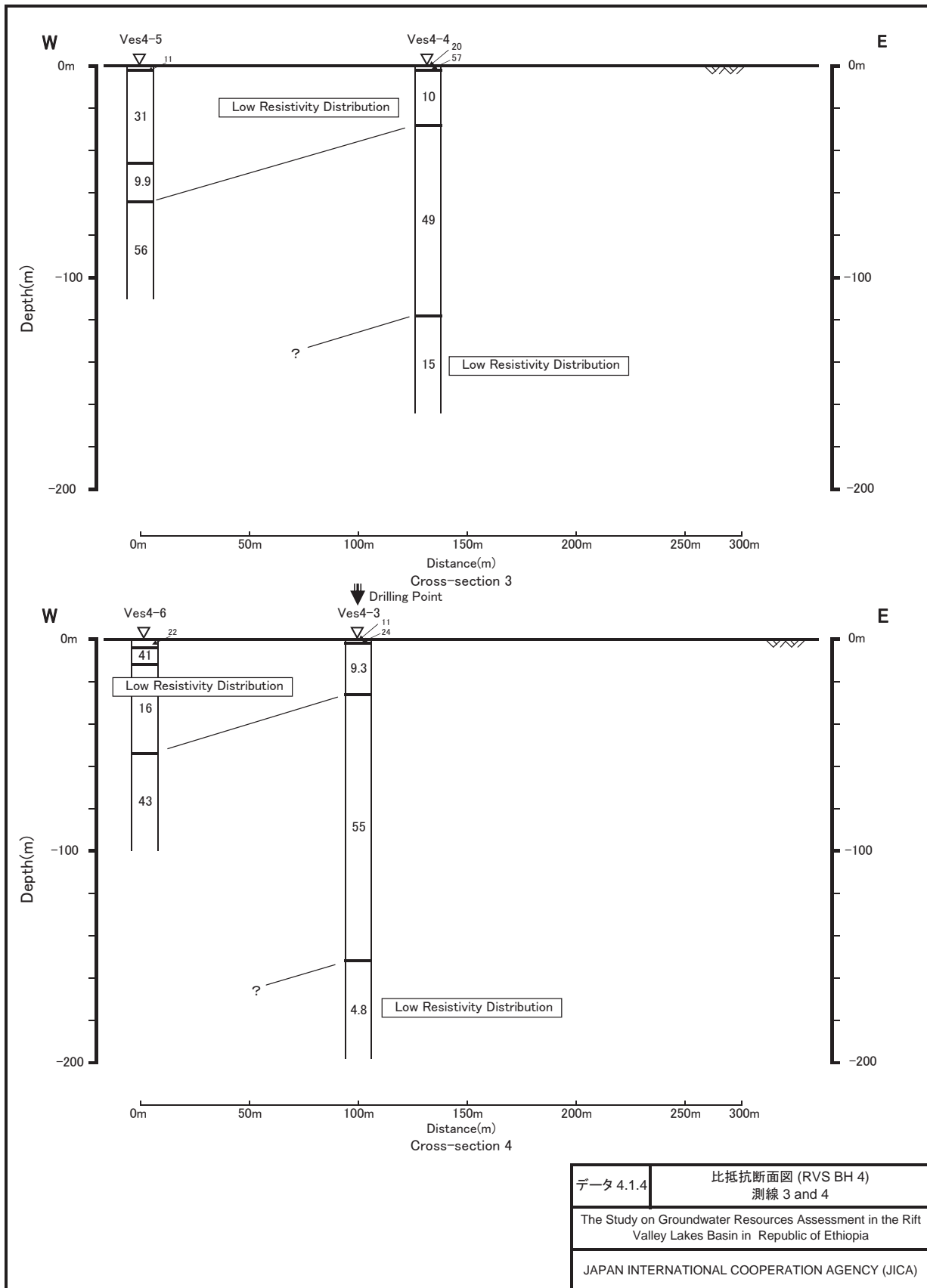


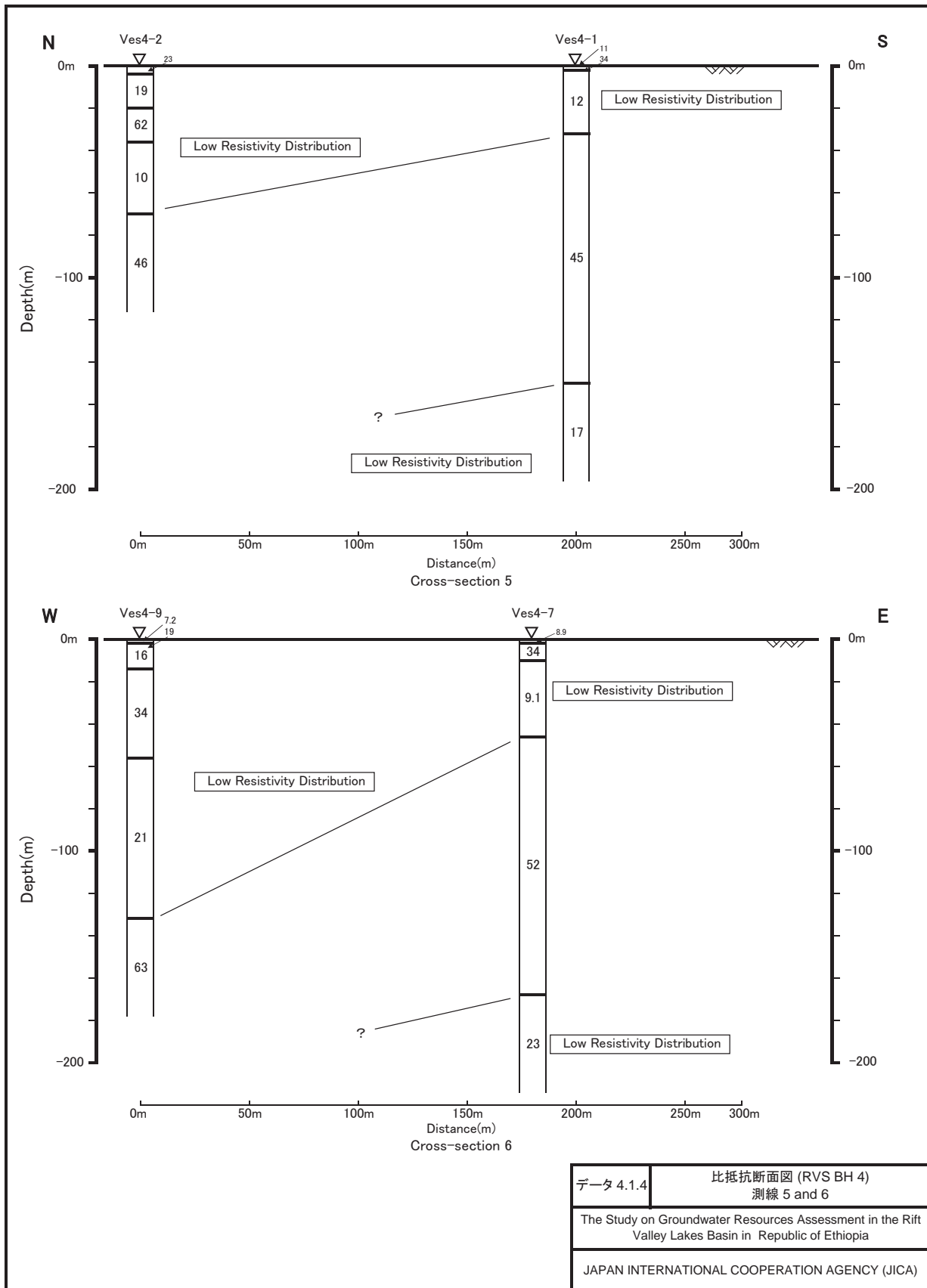
データ 4.1.4	比抵抗断面図 (RVS.BH 3) 測線1 and 2
The Study on Groundwater Resources Assessment in the Rift Valley Lakes Basin in Republic of Ethiopia	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	



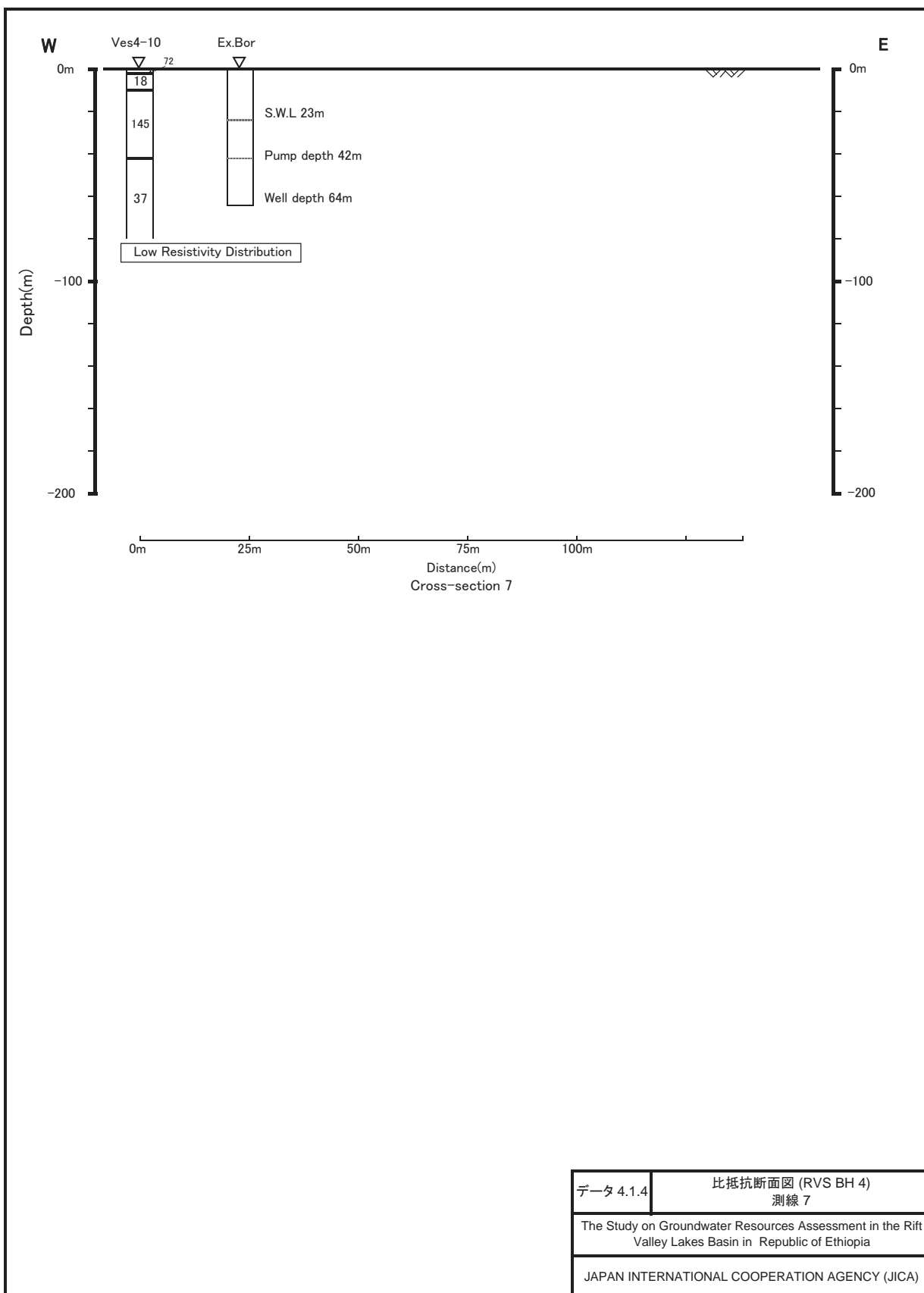


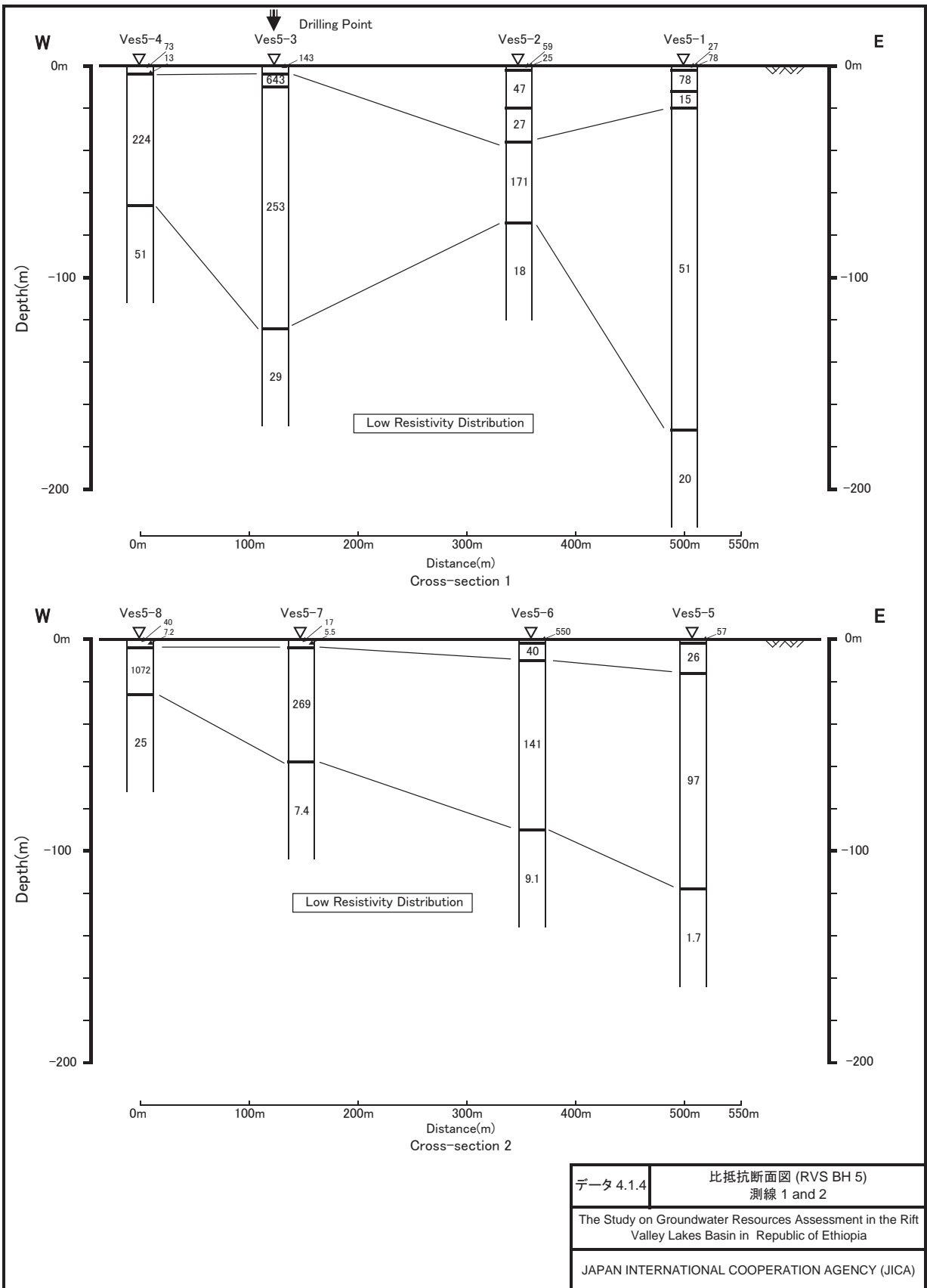


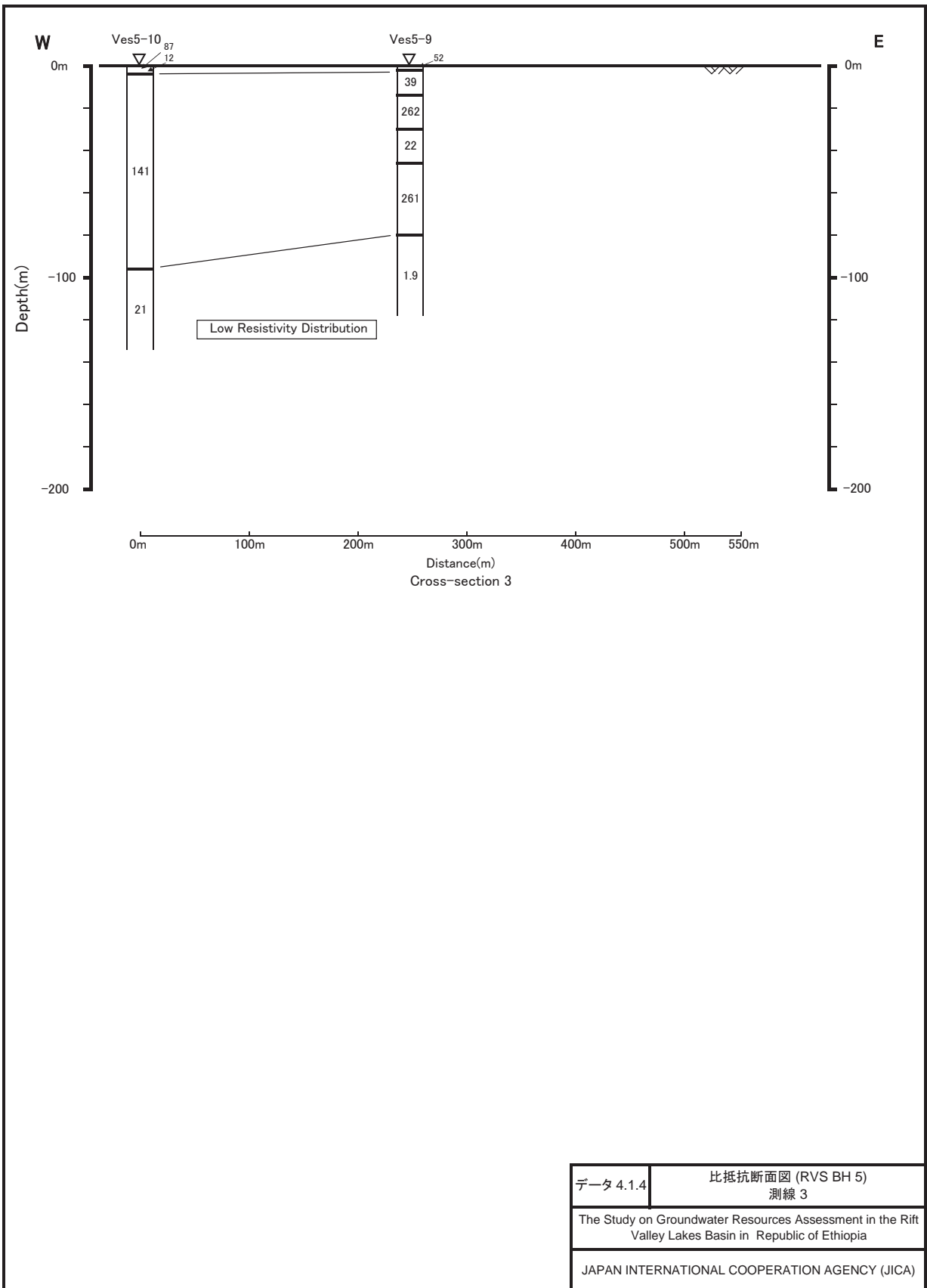


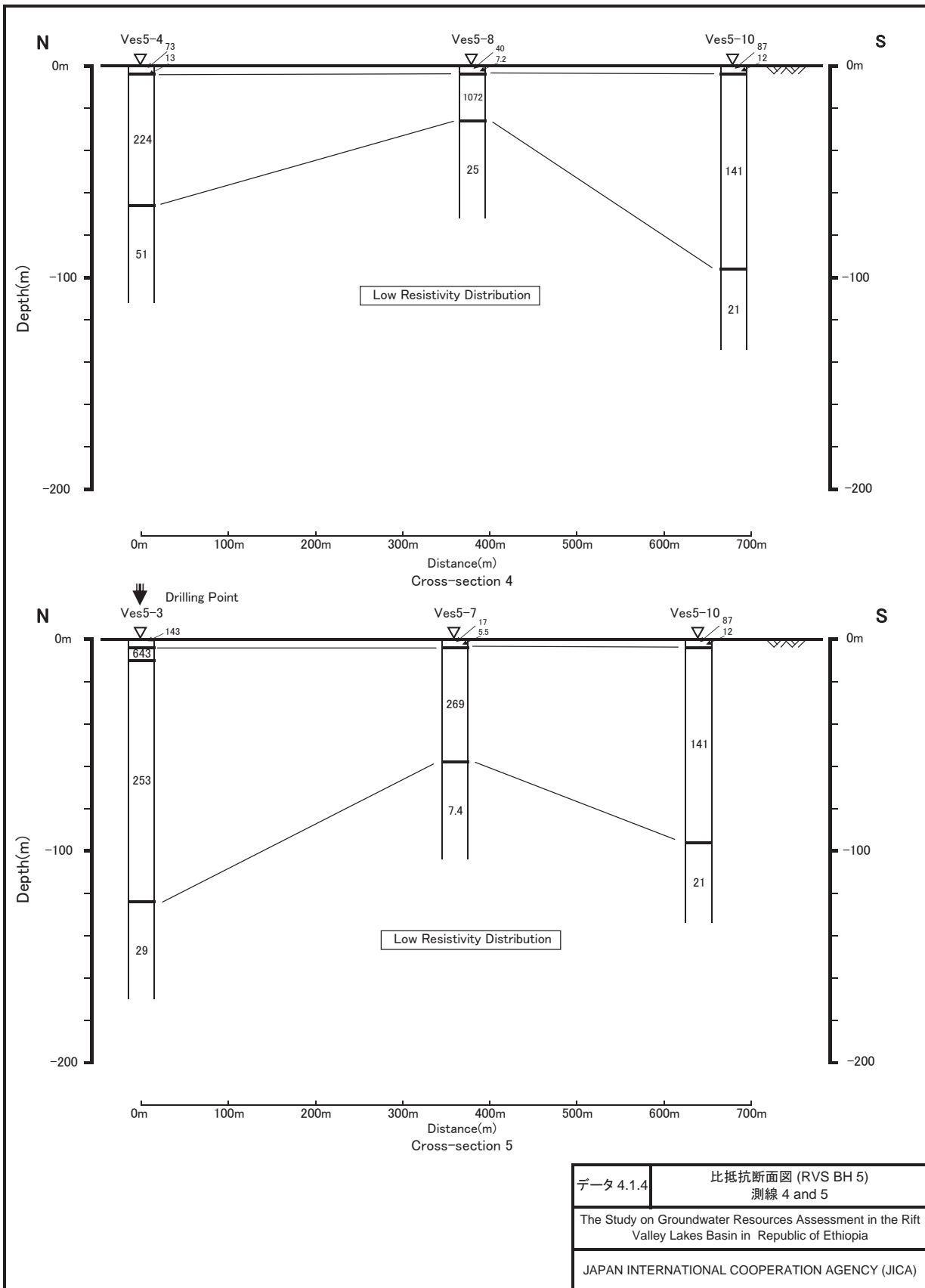


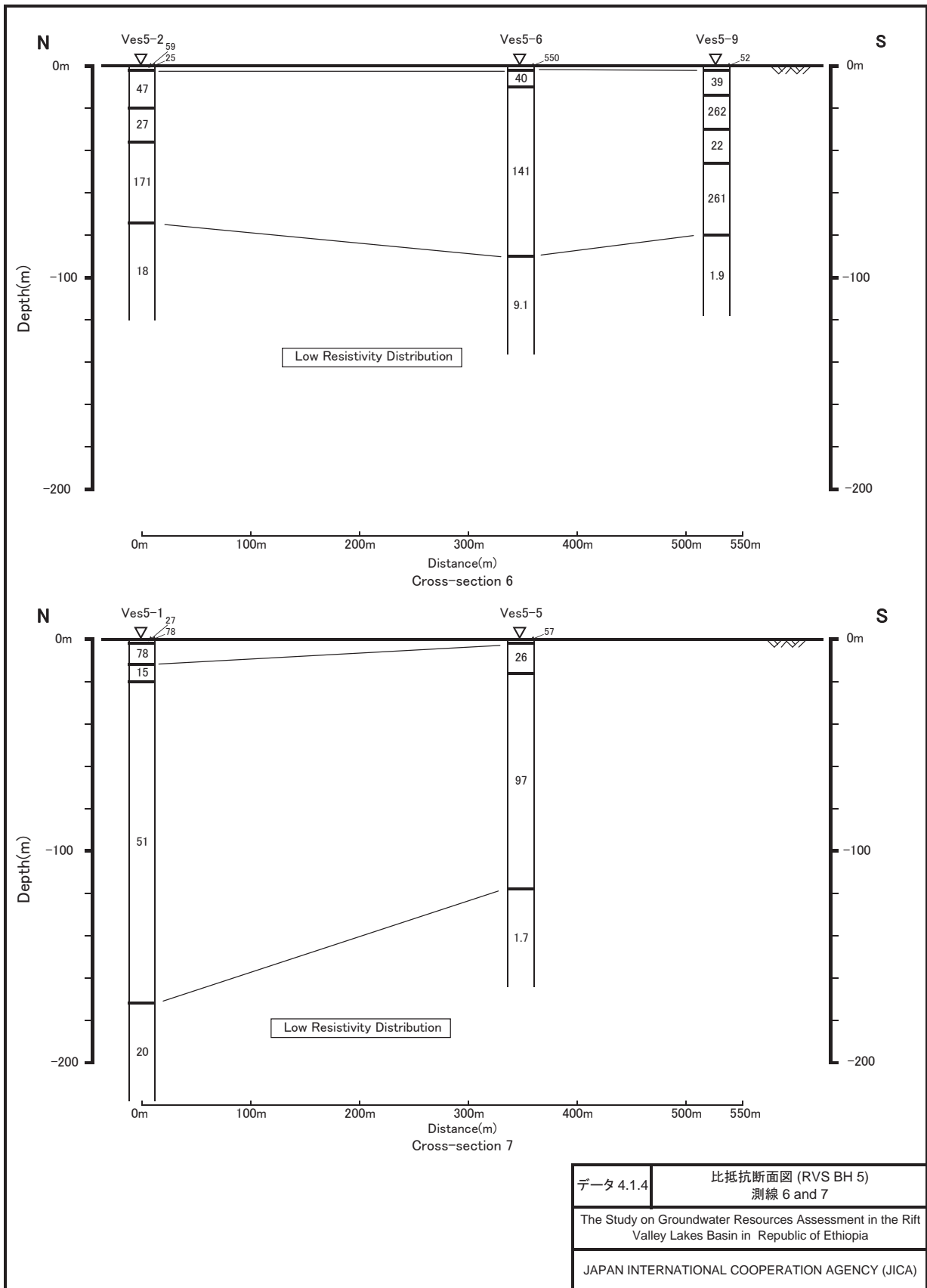
データ 4.1.4	比抵抗断面図 (RVS BH 4) 測線 5 and 6
The Study on Groundwater Resources Assessment in the Rift Valley Lakes Basin in Republic of Ethiopia	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	

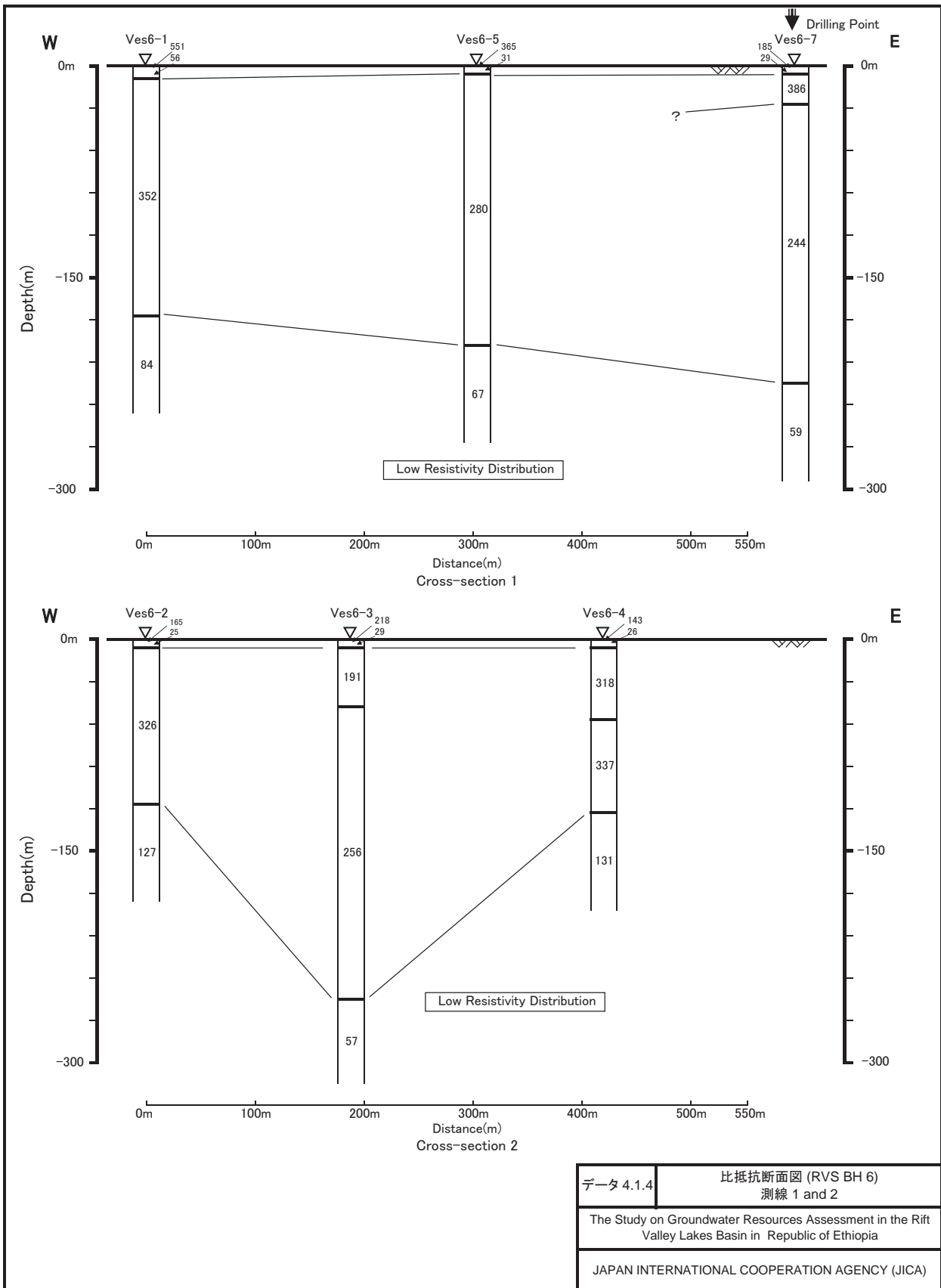


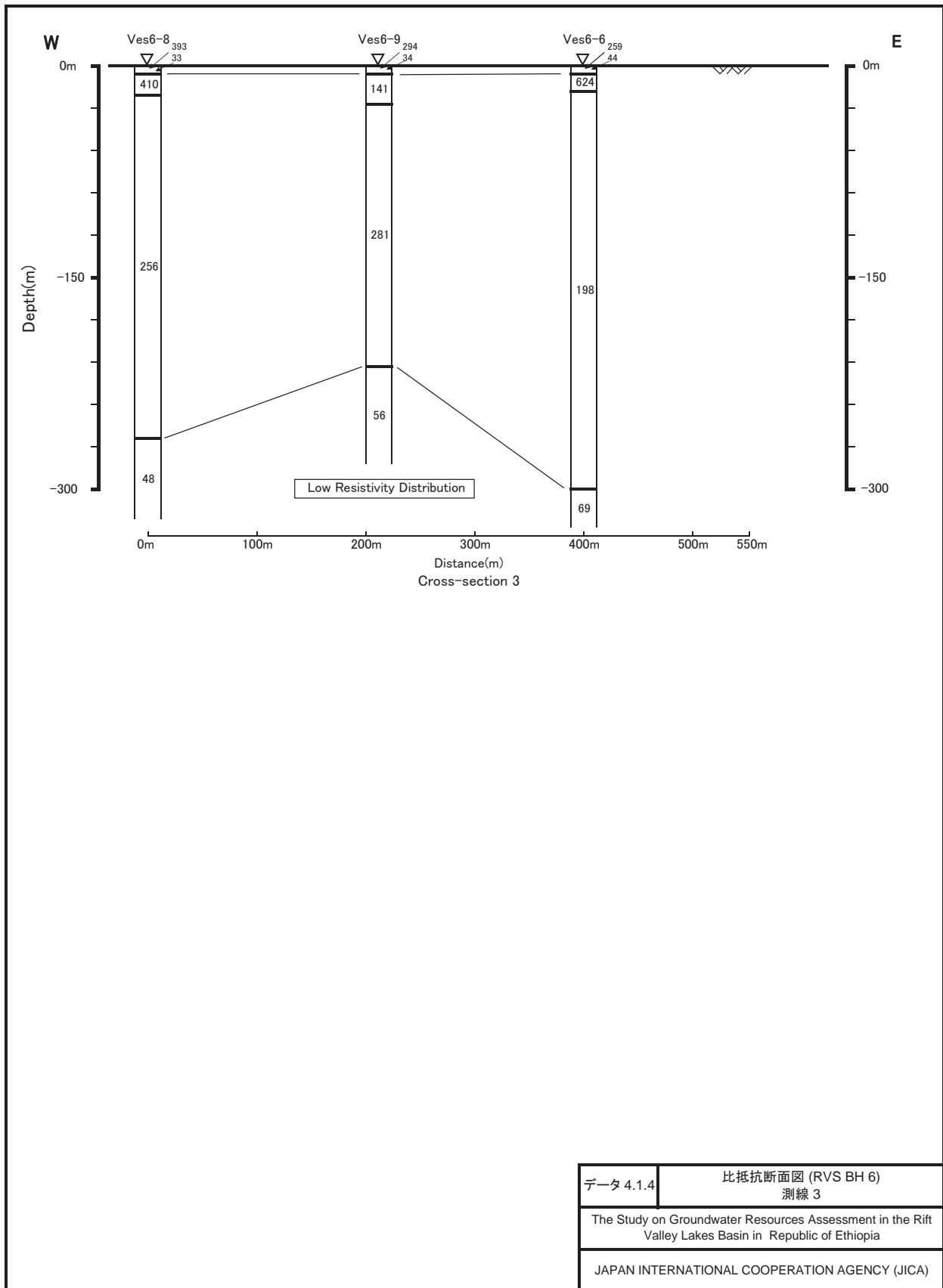


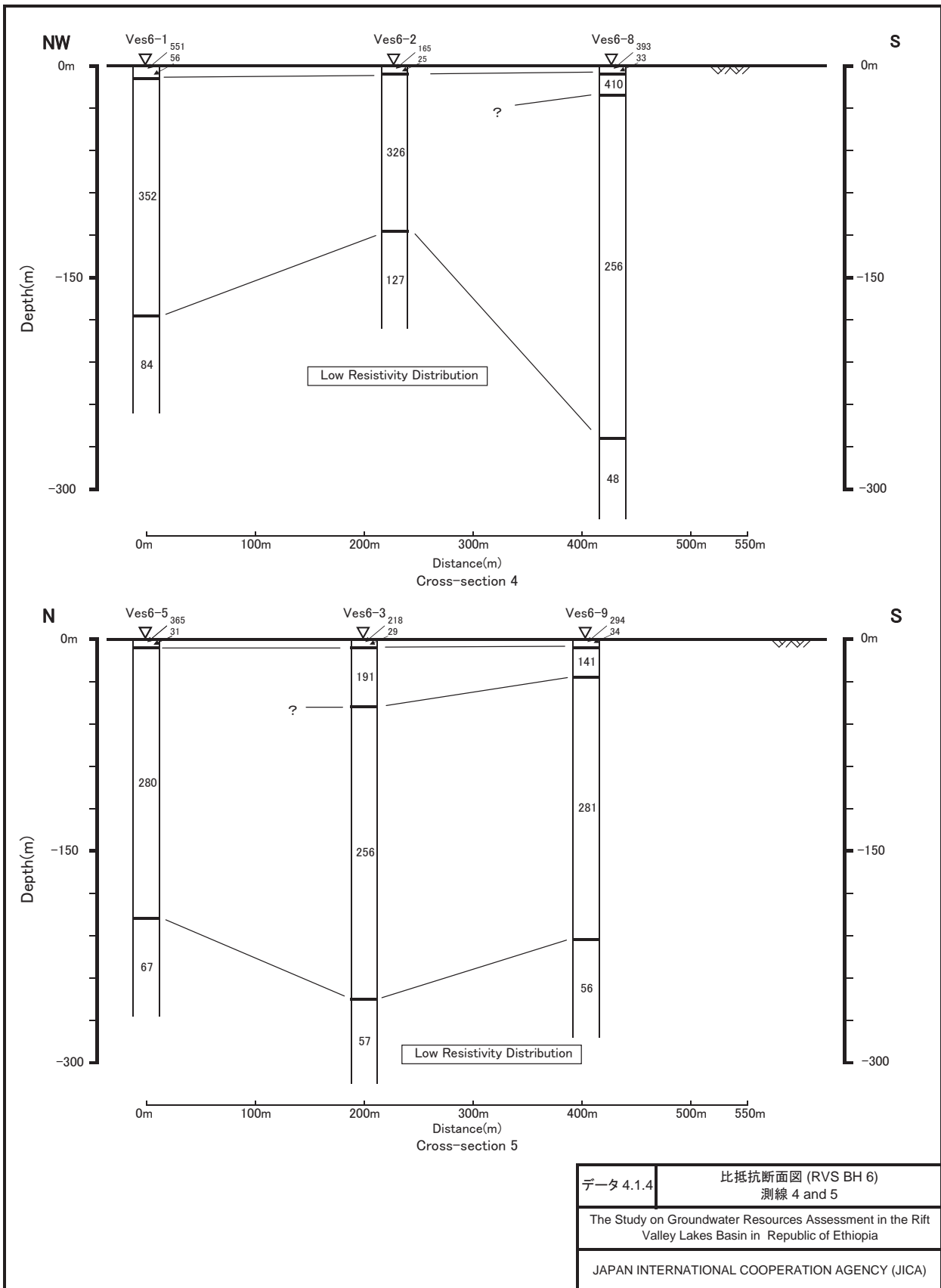


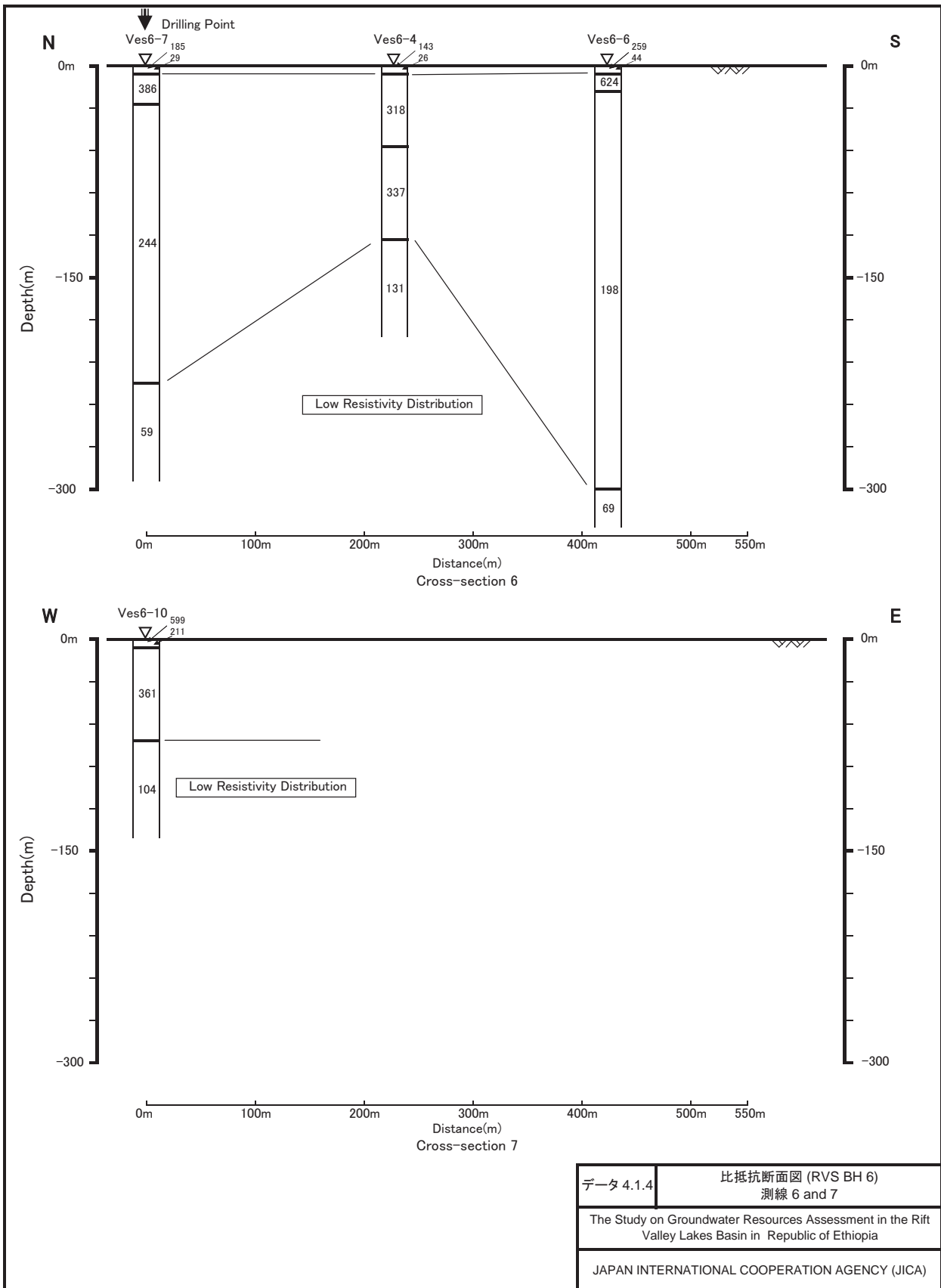


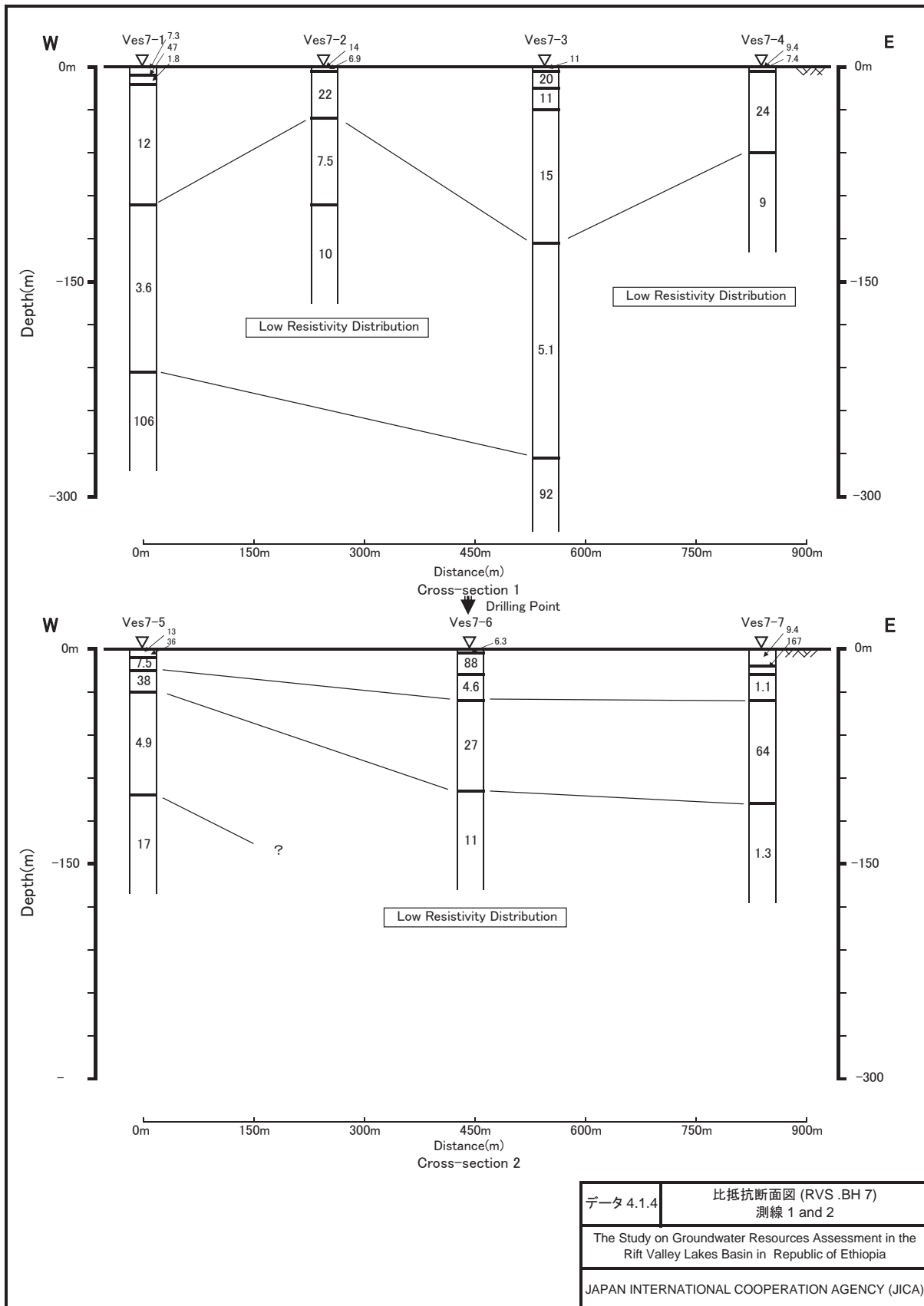




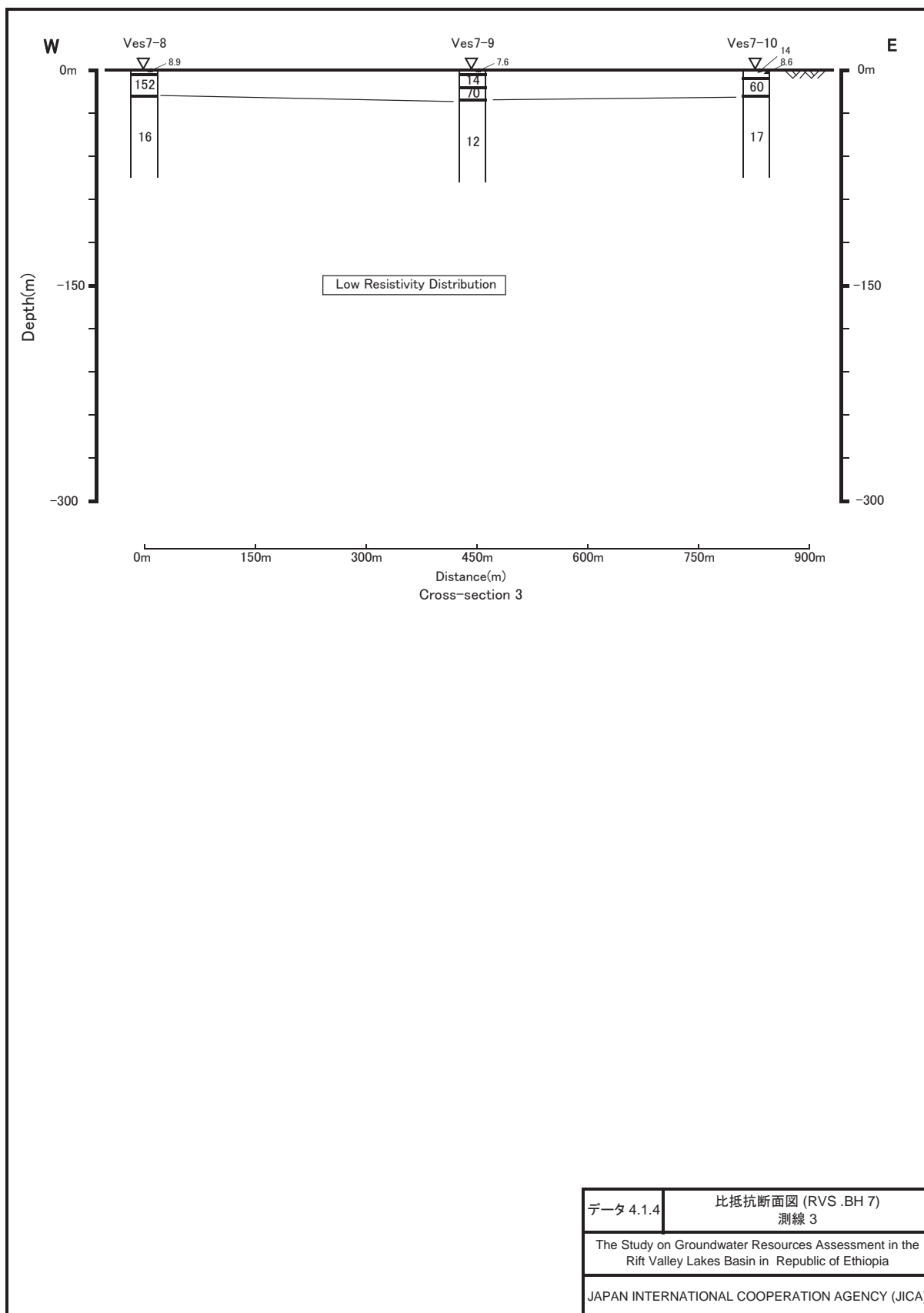


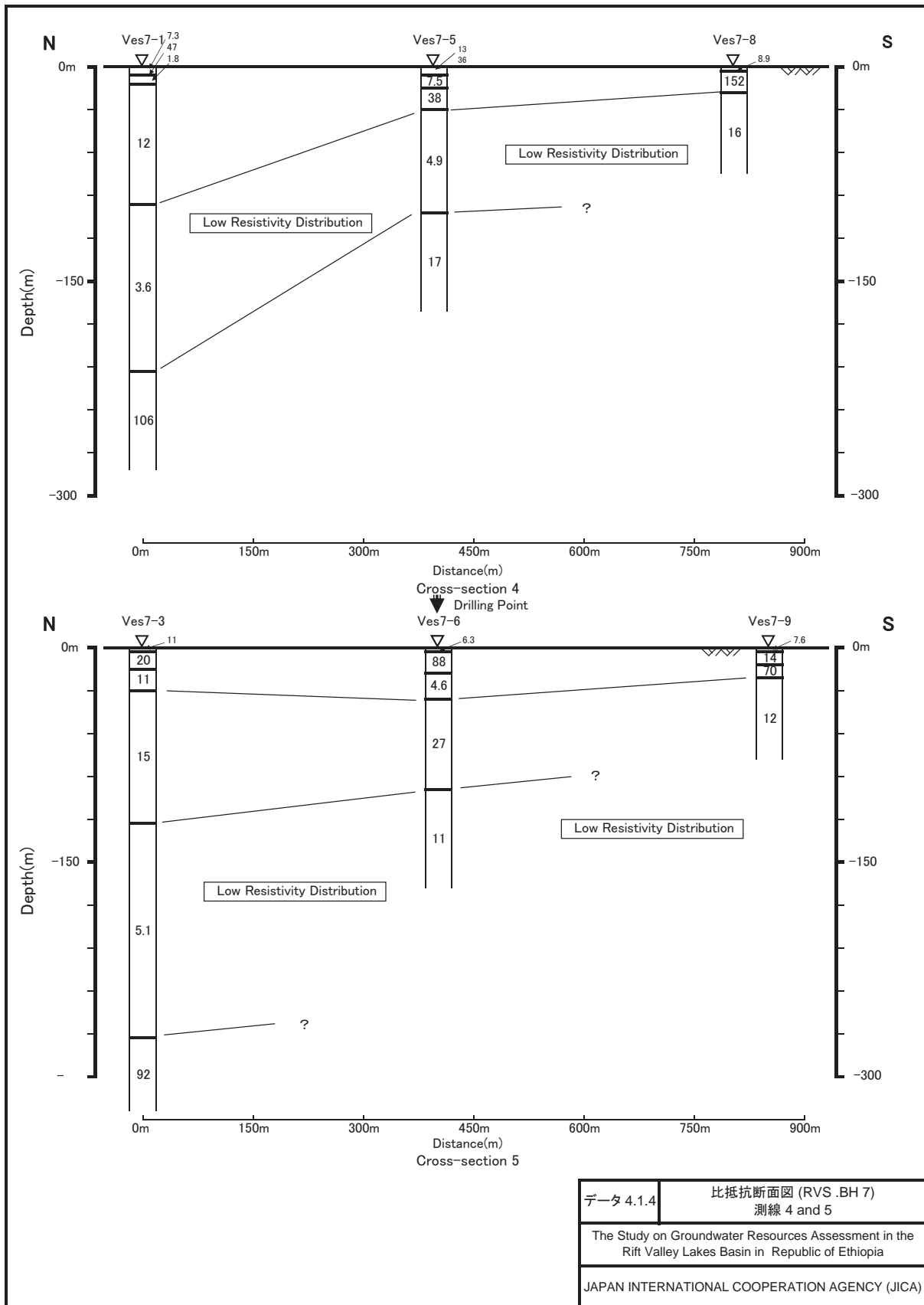


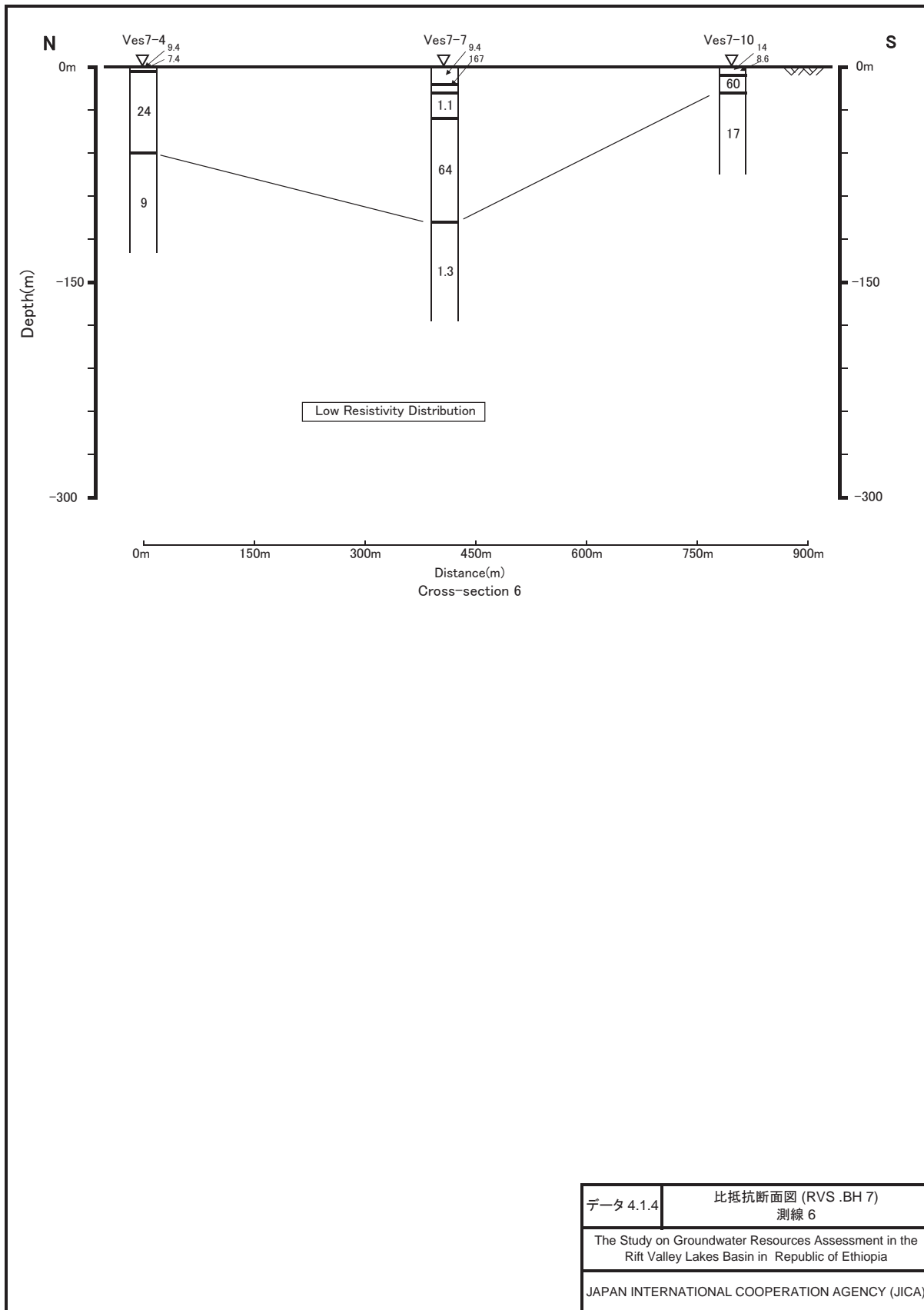


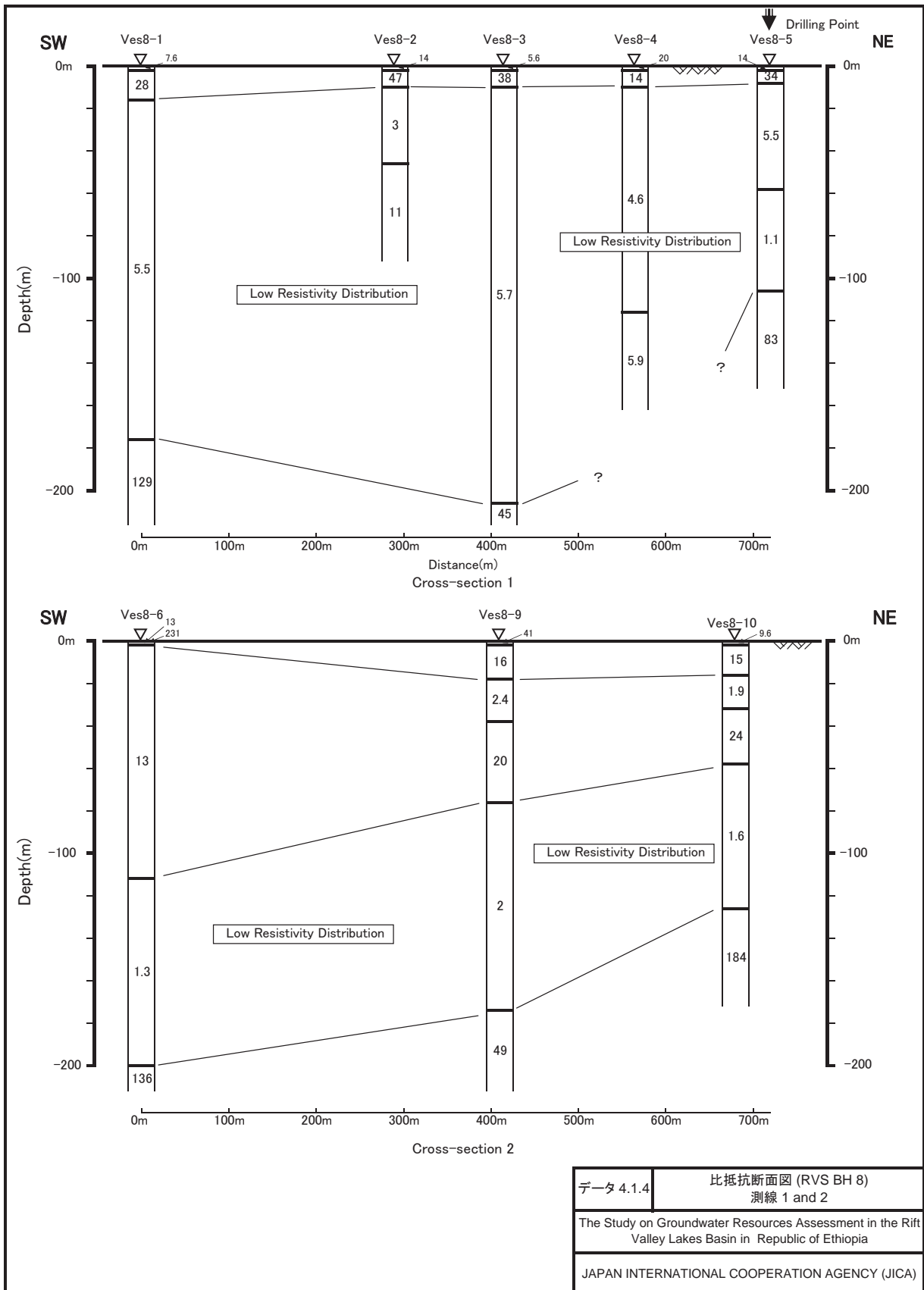


データ 4.1.4	比抵抗断面図 (RVS .BH 7) 測線 1 and 2
The Study on Groundwater Resources Assessment in the Rift Valley Lakes Basin in Republic of Ethiopia	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	

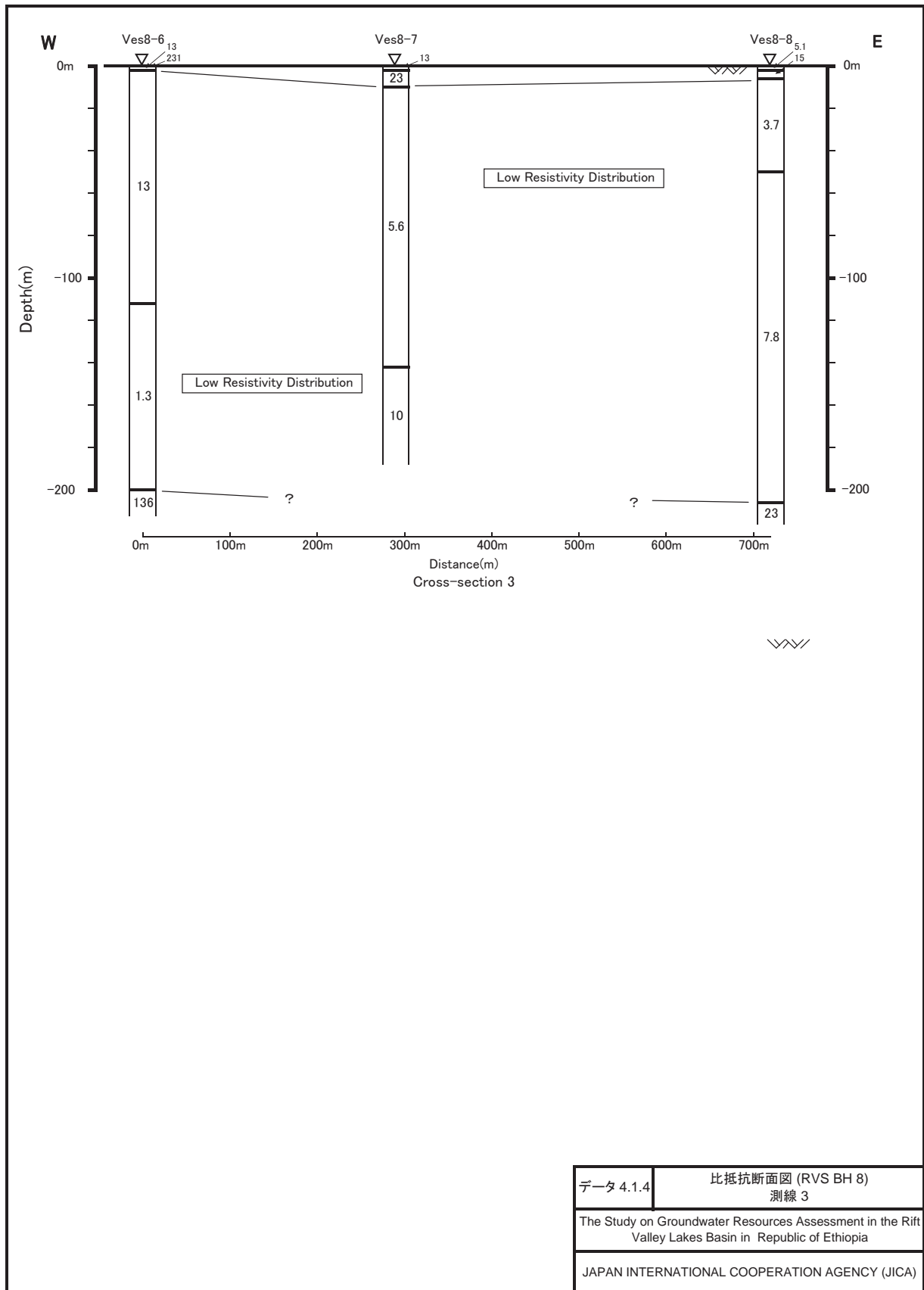


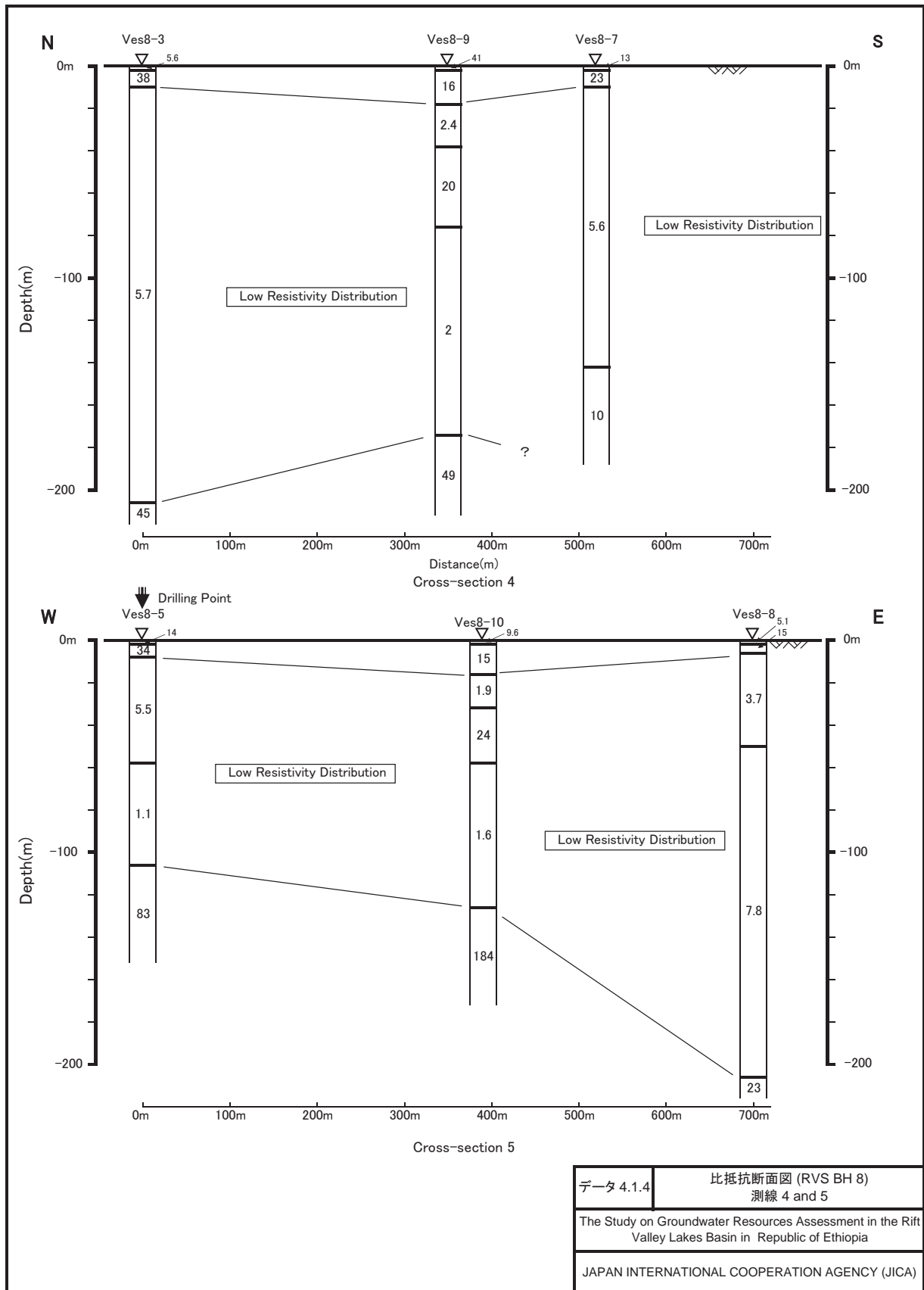


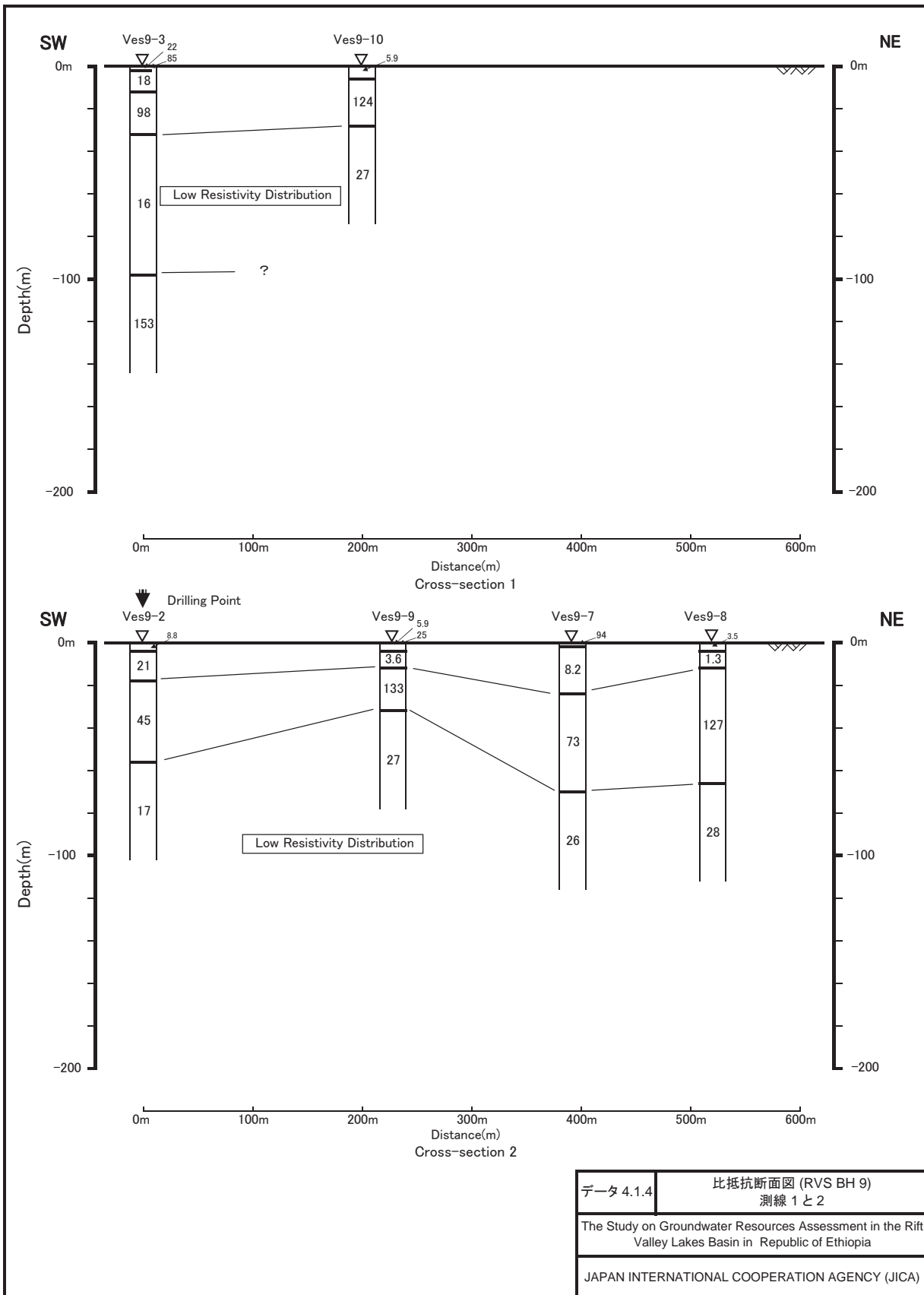


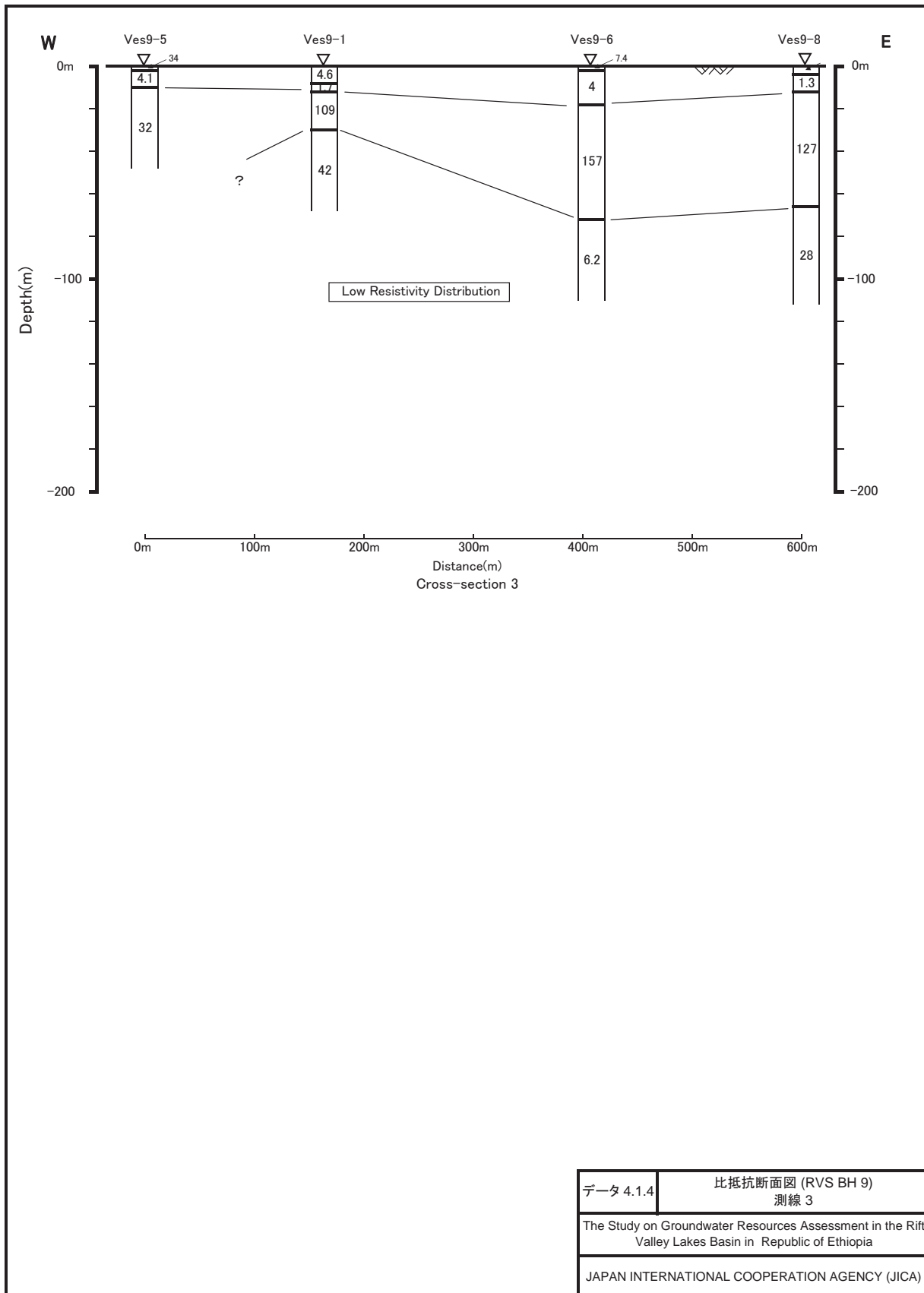


データ 4.1.4	比抵抗断面図 (RVS BH 8) 測線 1 and 2
The Study on Groundwater Resources Assessment in the Rift Valley Lakes Basin in Republic of Ethiopia	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	

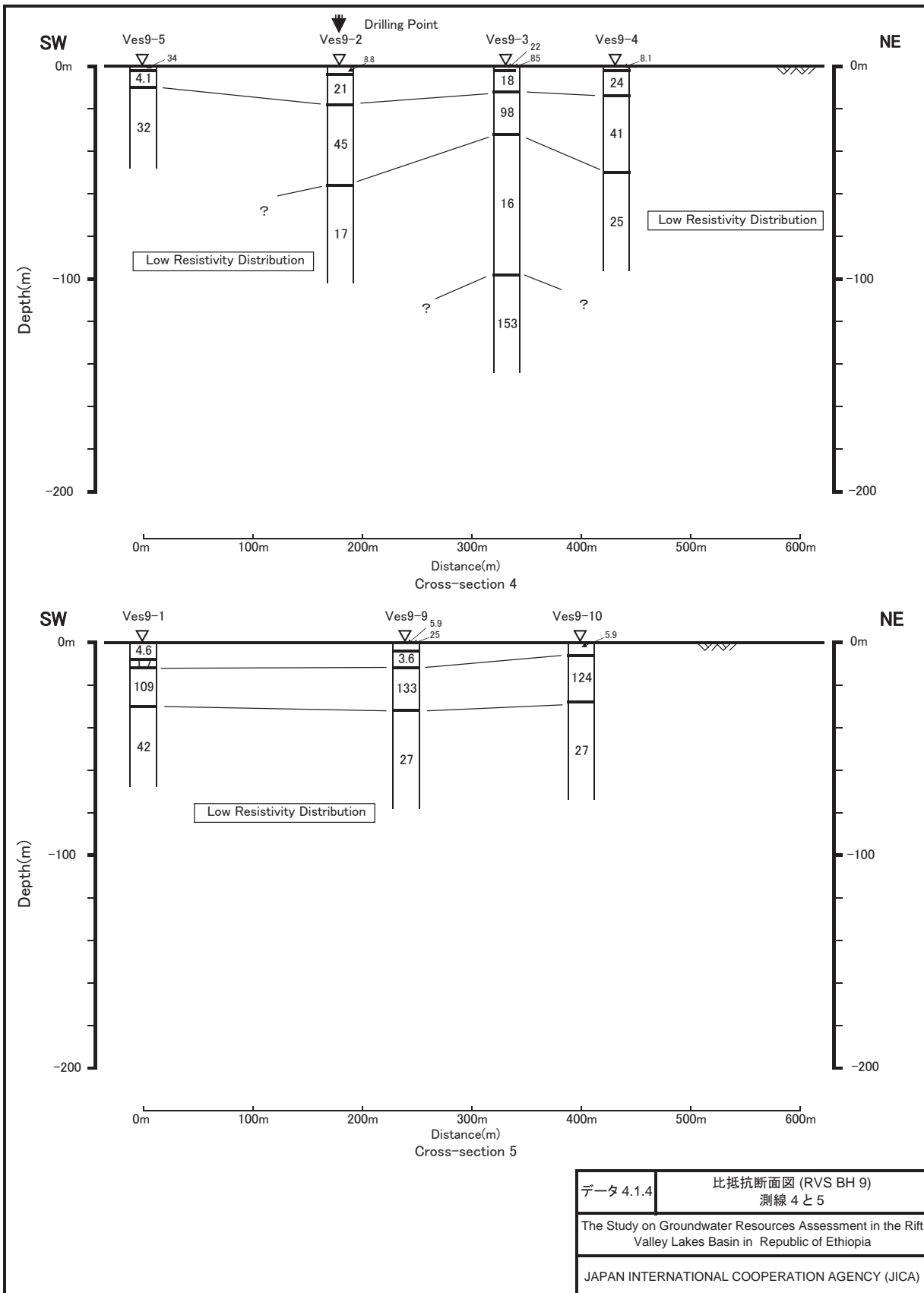


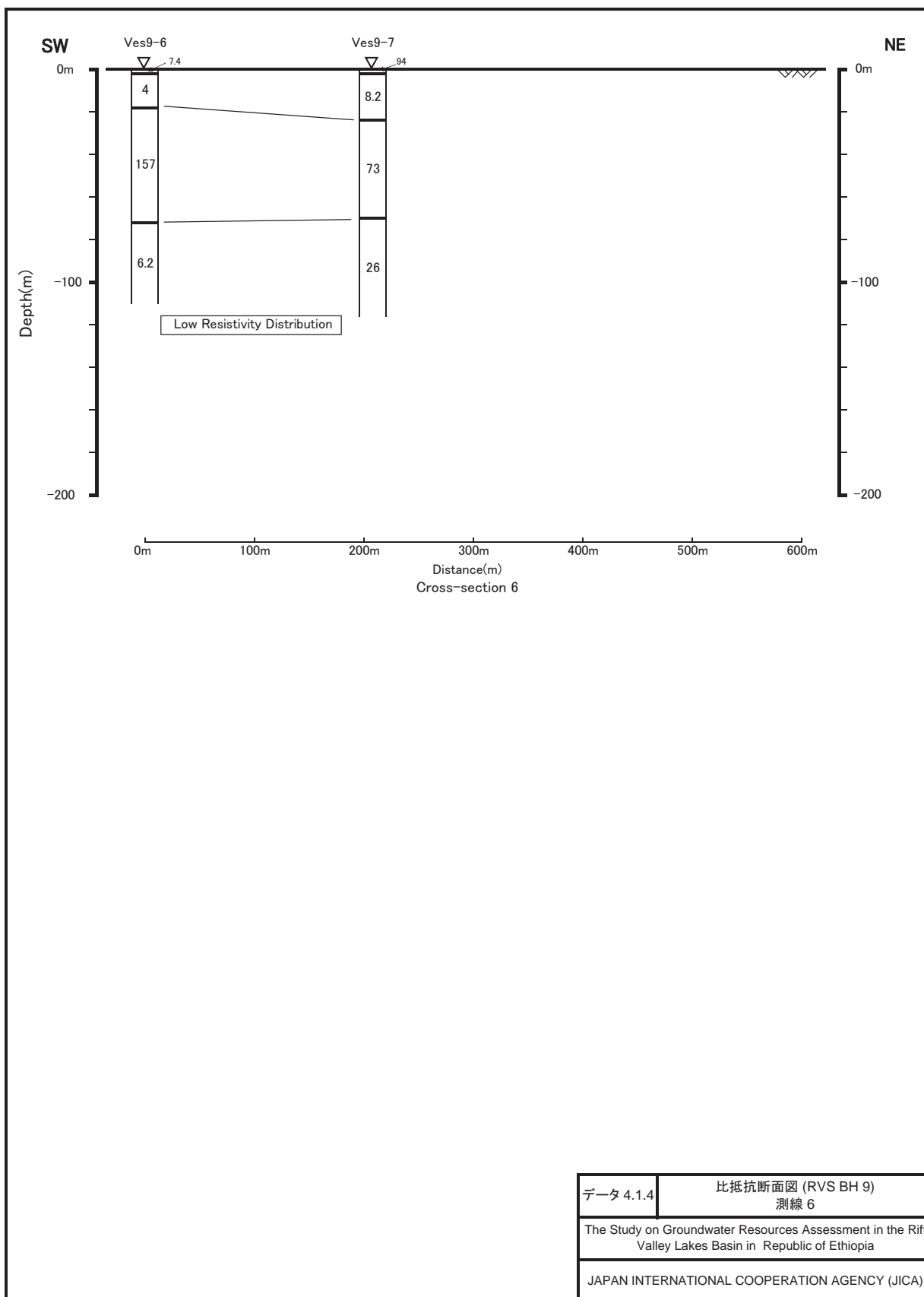


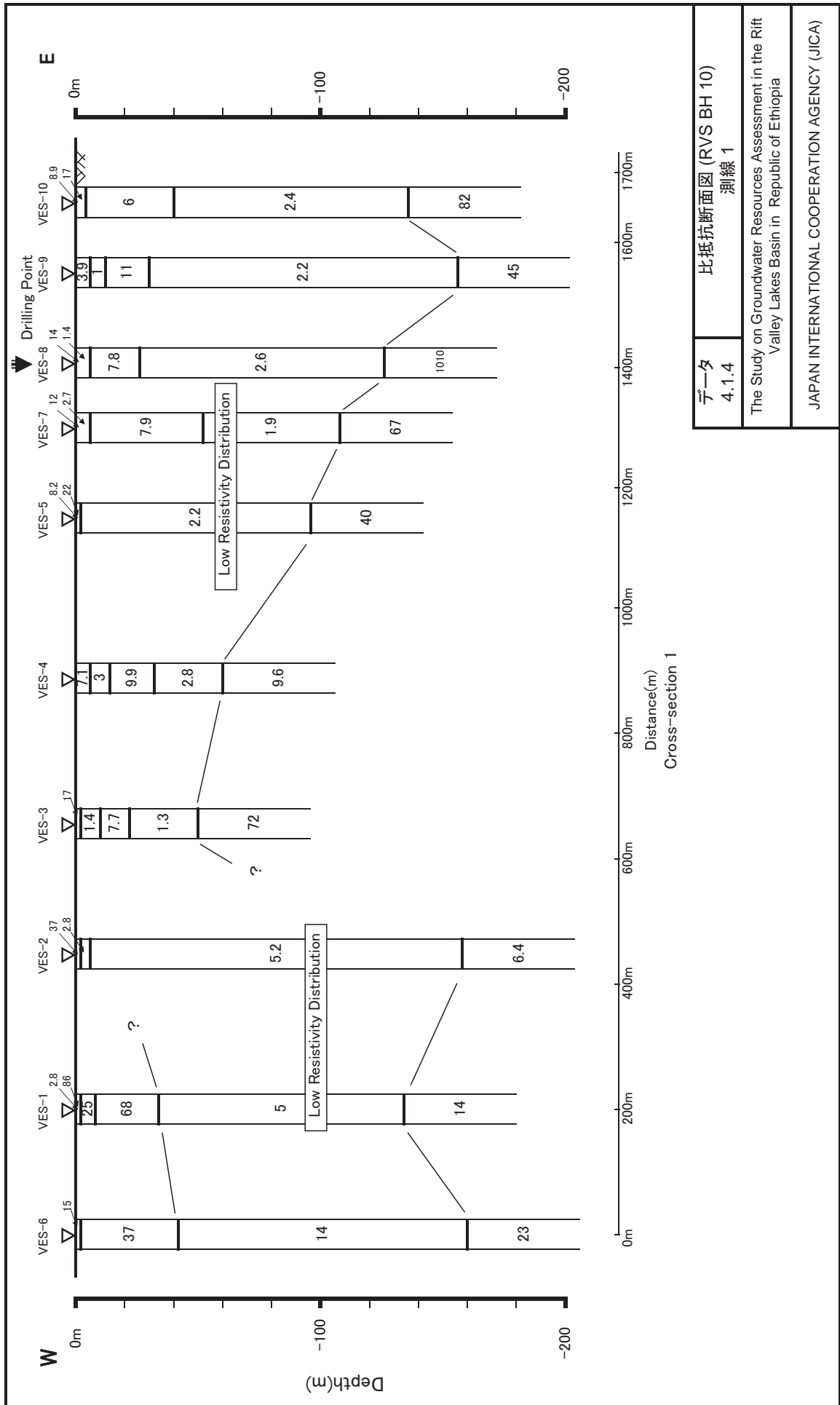




データ 4.1.4	比抵抗断面図 (RVS BH 9) 測線 3
The Study on Groundwater Resources Assessment in the Rift Valley Lakes Basin in Republic of Ethiopia	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	







データ
4.1.4

比抵抗断面図 (RVS BH 10)
測線 1

The Study on Groundwater Resources Assessment in the Rift
Valley Lakes Basin in Republic of Ethiopia

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

データ 4.1.5 VES 探査データ, (1/41)

RVS BH-1		EAST: 383212.00 ELEVATION: 1226.00		DATASET: B1-2 NORTH: 734744.00			
B1-1	SCHL 1226.000	0.000	1	B1-2	SCHL 1234.000	0.000	1
383212.000		734542.000		383449.000		734744.000	
JICA		JICA		JICA		JICA	
April,2010		April,2010		April,2010		April,2010	
Abaya Chokare		Abaya Chokare		Abaya Chokare		Abaya Chokare	
South People Region Ethiopia		South People Region Ethiopia		South People Region Ethiopia		South People Region Ethiopia	
Rift Valley Lakes Basin		Rift Valley Lakes Basin		Rift Valley Lakes Basin		Rift Valley Lakes Basin	
No.	SPACING	RHO-A	Sting R1	No.	SPACING	RHO-A	Sting R1
1	1.5000	17.7000		1	1.5000	34.2000	
2	2.1000	19.1000		2	2.1000	21.6000	
3	3.0000	20.2000		3	3.0000	18.0000	
4	4.0000	21.6000		4	4.0000	17.4000	
5	6.0000	23.3000		5	6.0000	18.5000	
6	9.0000	22.7000		6	9.0000	21.3000	
7	13.0000	25.5000		7	13.0000	25.7000	
8	20.0000	34.0000		8	20.0000	33.8000	
9	25.0000	39.6000		9	25.0000	40.9000	
10	25.0000	35.5000		10	25.0000	38.4000	
11	30.0000	45.4000		11	30.0000	48.3000	
12	30.0000	41.3000		12	30.0000	46.5000	
13	35.0000	47.1000		13	35.0000	51.3000	
14	40.0000	53.7000		14	40.0000	57.7000	
15	50.0000	63.5000		15	50.0000	69.4000	
16	60.0000	73.8000		16	60.0000	80.0000	
17	80.0000	91.2000		17	80.0000	98.0000	
18	100.0000	104.0000		18	100.0000	115.0000	
19	130.0000	112.0000		19	130.0000	135.0000	
20	160.0000	115.0000		20	160.0000	150.0000	
21	200.0000	107.0000		21	200.0000	178.0000	
22	200.0000	105.0000					
23	250.0000	97.7000					
24	250.0000	90.7000					
25	300.0000	92.8000					
26	350.0000	100.0000					
DATASET: B1-1		NORTH: 734542.00		DATASET: B1-2		NORTH: 734744.00	
383212.000		734542.000		383449.000		734744.000	
JICA		JICA		JICA		JICA	
April,2010		April,2010		April,2010		April,2010	
Abaya Chokare		Abaya Chokare		Abaya Chokare		Abaya Chokare	
South People Region Ethiopia		South People Region Ethiopia		South People Region Ethiopia		South People Region Ethiopia	
Rift Valley Lakes Basin		Rift Valley Lakes Basin		Rift Valley Lakes Basin		Rift Valley Lakes Basin	
No.		SPACING		No.		SPACING	
1		1.5000		1		1.5000	
2		2.1000		2		2.1000	
3		3.0000		3		3.0000	
4		4.0000		4		4.0000	
5		6.0000		5		6.0000	
6		9.0000		6		9.0000	
7		13.0000		7		13.0000	
8		20.0000		8		20.0000	
9		25.0000		9		25.0000	
10		25.0000		10		25.0000	
11		30.0000		11		30.0000	
12		30.0000		12		30.0000	
13		35.0000		13		35.0000	
14		40.0000		14		40.0000	
15		50.0000		15		50.0000	
16		60.0000		16		60.0000	
17		80.0000		17		80.0000	
18		100.0000		18		100.0000	
19		130.0000		19		130.0000	
20		160.0000		20		160.0000	
21		200.0000		21		200.0000	
22		200.0000		22		200.0000	
23		250.0000		23		250.0000	
24		250.0000		24		250.0000	
25		300.0000		25		300.0000	
26		350.0000		26		350.0000	

データ 4.1.5 VES 探査データ, (2/41)

13 35.0000 57.1000
14 40.0000 62.0000
15 50.0000 78.0000
16 60.0000 77.7000
17 80.0000 87.5000
18 100.0000 91.4000
19 130.0000 87.0000
20 160.0000 101.0000
21 200.0000 89.7000
22 200.0000 93.3000
23 250.0000 98.2000
24 300.0000 99.9000
25 500.0000 74.6000

DATASET: B1-3 NORTH: 734852.00
EAST: 383283.00 ELEVATION: 1229.00
(meters)
LAYER RESISTIVITY THICKNESS
1 3.90321E+02 2.07946E-01
2 1.38666E+01 6.14174E+00
3 1.95707E+02 4.10988E+01
4 7.21805E+01

B1-4 SCHL 1223.000 0.000 1
383187.000 734903.000
JICA
April,2010
Abaya Chokare 1
South People Region Ethiopia
Rift Valley Lakes Basin Sting R1
No. SPACING RHO-A
1 1.5000 28.9000
2 2.1000 32.4000
3 3.0000 29.9000
4 4.0000 34.5000
5 6.0000 30.7000
6 9.0000 28.3000

7 13.0000 31.4000
8 20.0000 36.9000
9 25.0000 35.2000
10 25.0000 34.9000
11 30.0000 42.9000
12 30.0000 39.0000
13 35.0000 44.0000
14 40.0000 49.1000
15 50.0000 64.9000
16 60.0000 63.7000
17 80.0000 73.6000
18 100.0000 75.6000
19 130.0000 77.0000
20 160.0000 69.6000
21 200.0000 73.6000
22 200.0000 80.1000
23 250.0000 71.2000
24 250.0000 78.2000
25 300.0000 83.8000
26 350.0000 70.7000
27 400.0000 69.5000
28 500.0000 50.1000

DATASET: B1-4 NORTH: 734903.00
EAST: 383187.00 ELEVATION: 1223.00
(meters)
LAYER RESISTIVITY THICKNESS
1 3.36955E+01 6.87173E+00
2 1.66311E+01 5.59893E+00
3 2.90692E+02 3.08188E+01
4 4.84465E+01

B1-5 SCHL 1221.000 0.000 1
383111.000 734684.000
JICA
April,2010
Abaya Chokare 1

South People Region Ethiopia
Rift Valley Lakes Basin
No. SPACING RHO-A
1 1.5000 37.7000
2 2.1000 36.6000
3 3.0000 41.5000
4 4.0000 34.9000
5 6.0000 36.1000
6 9.0000 37.1000
7 13.0000 41.4000
8 20.0000 50.1000
9 25.0000 59.7000
10 25.0000 43.5000
11 30.0000 68.5000
12 30.0000 52.0000
13 35.0000 59.6000
14 40.0000 66.9000
15 50.0000 85.0000
16 60.0000 86.3000
17 80.0000 98.4000
18 100.0000 109.0000
19 130.0000 110.0000
20 160.0000 116.0000
21 200.0000 114.0000
22 200.0000 119.0000
23 250.0000 116.0000
24 250.0000 119.0000
25 300.0000 126.0000
26 350.0000 91.4000
27 400.0000 82.8000
28 500.0000 56.0000

DATASET: B1-5 NORTH: 734684.00
EAST: 383111.00 ELEVATION: 1221.00
(meters)
LAYER RESISTIVITY THICKNESS
1 2.27834E+01 3.82053E+00

データ 4.1.5 VES 探査データ, (4/41)

No.	SPACING	RHO-A
1	1.5000	22.9000
2	2.1000	19.7000
3	3.0000	16.6000
4	4.0000	19.2000
5	6.0000	22.9000
6	9.0000	25.5000
7	13.0000	27.6000
8	20.0000	33.0000
9	25.0000	40.5000
10	25.0000	35.0000
11	30.0000	43.4000
12	30.0000	40.7000
13	35.0000	46.3000
14	40.0000	52.2000
15	50.0000	61.9000
16	60.0000	71.8000
17	80.0000	86.5000
18	100.0000	103.0000
19	130.0000	117.0000
20	160.0000	128.0000
21	200.0000	117.0000
22	200.0000	140.0000
23	250.0000	148.0000
24	250.0000	149.0000
25	300.0000	152.0000
26	350.0000	123.0000
27	400.0000	104.0000
28	500.0000	110.0000

No.	SPACING	RHO-A
1	1.5000	76.9000
2	2.1000	32.7000
3	3.0000	28.8000
4	4.0000	27.8000
5	6.0000	26.3000
6	9.0000	31.3000
7	13.0000	36.8000
8	20.0000	38.5000
9	25.0000	47.0000
10	25.0000	37.1000
11	30.0000	50.1000
12	30.0000	39.4000
13	35.0000	42.5000
14	40.0000	47.2000
15	50.0000	54.4000
16	60.0000	63.2000
17	80.0000	79.2000
18	100.0000	90.8000
19	130.0000	101.0000
20	160.0000	117.0000
21	200.0000	116.0000
22	200.0000	110.0000
23	250.0000	108.0000
24	250.0000	109.0000
25	300.0000	107.0000
26	350.0000	107.0000
27	400.0000	99.6000

Dataset	North	East	Elevation
B1-8	734844.00	383569.00	1226.00
B1-9	734936.00	383521.00	1231.00

Layer	Resistivity	Thickness
1	2.12291E+01	1.09356E+00
2	9.79185E+00	6.69787E+00
3	1.19456E+03	2.97233E+01
4	7.11265E+00	

Dataset	North	East	Elevation
B1-9	734936.00	383521.00	1231.00

Layer	Resistivity	Thickness
1	5.60991E+02	2.28664E-01
2	1.89594E+01	1.07045E+01
3	7.32604E+02	3.28955E+01

データ 4.1.5 VES 探査データ, (5/41)

28	500.0000	90.3000
DATASET: B1-10 NORTH: 735059.00		
EAST: 383453.00 ELEVATION: 1236.00		
LAYER RESISTIVITY THICKNESS		
(meters)		
1	1.37721E+03	3.08759E-01
2	1.62642E+01	1.27656E+01
3	4.09733E+02	4.06149E+01
4	6.37487E+01	

RVS BH-2

B2-1	SCHL	1703.000	0.000	1	
486440.000	908215.000				March,2010
JICA					1
Awra Godana					
Oromia Region Ethiopia					
Rift Valley Lakes Basin					Sting R1
No.	SPACING				RHO-A
1	1.5000	107.0000			
2	2.1000	90.0000			
3	3.0000	69.0000			
4	4.0000	65.0000			
5	6.0000	76.0000			
6	9.0000	96.0000			
7	13.0000	124.0000			
8	20.0000	162.0000			
9	25.0000	189.0000			
10	25.0000	178.0000			
11	30.0000	220.0000			
12	30.0000	219.0000			
13	35.0000	260.0000			
14	40.0000	295.0000			
15	50.0000	360.0000			
16	60.0000	424.0000			
17	80.0000	558.0000			

18	100.0000	675.0000			
19	130.0000	821.0000			
20	160.0000	913.0000			
21	200.0000	987.0000			
22	200.0000	864.0000			
23	250.0000	961.0000			
24	300.0000	814.0000			
25	350.0000	786.0000			
26	400.0000	730.0000			
27	500.0000	570.0000			
DATASET: B2-1 NORTH: 908215.00 EAST:					
486440.00 ELEVATION: 1703.00					
LAYER RESISTIVITY THICKNESS (meters)					
1	1.40887E+02	6.04822E-01			
2	5.11636E+01	6.90606E+00			
3	4.26971E+03	5.89508E+01			
4	4.62034E+01				
B2-2	SCHL	1703.000	0.000	1	
486650.000	908100.000				March,2010
JICA					1
Awra Godana					
Oromia Region Ethiopia					
Rift Valley Lakes Basin					Sting R1
No.	SPACING				RHO-A
1	1.5000	44.0000			
2	2.1000	46.0000			
3	3.0000	46.0000			
4	4.0000	48.0000			
5	6.0000	54.0000			
6	9.0000	67.0000			
7	13.0000	89.0000			
8	20.0000	137.0000			
9	25.0000	171.0000			

10	25.0000	228.0000			
11	30.0000	200.0000			
12	30.0000	273.0000			
13	35.0000	321.0000			
14	40.0000	367.0000			
15	50.0000	445.0000			
16	60.0000	518.0000			
17	80.0000	618.0000			
18	100.0000	733.0000			
19	130.0000	822.0000			
20	160.0000	901.0000			
21	200.0000	917.0000			
22	200.0000	897.0000			
23	250.0000	849.0000			
24	250.0000	849.0000			
25	300.0000	772.0000			
26	350.0000	722.0000			
27	400.0000	648.0000			
28	500.0000	513.0000			
DATASET: B2-2 NORTH: 908100.00 EAST:					
486650.00 ELEVATION: 1703.00					
LAYER RESISTIVITY THICKNESS (meters)					
1	9.05499E+01	1.91333E-01			
2	8.19059E+01	6.25150E+00			
3	1.43708E+03	1.50239E+02			
4	5.89819E+01				
B2-3	SCHL	1703.000	0.000	1	
486546.000	907905.000				March,2010
JICA					1
Awra Godana					
Oromia Region Ethiopia					
Rift Valley Lakes Basin					Sting R1
No.	SPACING				RHO-A
1	1.5000	58.0000			

データ 4.1.5 VES 探査データ, (7/41)

20	160.0000	999.0000	12	30.0000	220.0000	5	6.0000	44.0000
21	200.0000	1120.0000	13	35.0000	252.0000	6	9.0000	62.0000
22	200.0000	957.0000	14	40.0000	290.0000	7	13.0000	84.0000
23	250.0000	1148.0000	15	50.0000	367.0000	8	20.0000	124.0000
24	250.0000	989.0000	16	60.0000	447.0000	9	25.0000	181.0000
25	300.0000	972.0000	17	80.0000	588.0000	10	25.0000	314.0000
26	350.0000	822.0000	18	100.0000	697.0000	11	30.0000	185.0000
27	400.0000	735.0000	19	130.0000	827.0000	12	30.0000	325.0000
28	500.0000	493.0000	20	160.0000	945.0000	13	35.0000	394.0000
DATASET: B2-5 NORTH: 907830.00 EAST: 486230.00 ELEVATION: 1703.00 LAYER RESISTIVITY THICKNESS (meters) 1 6.65624E+01 3.63132E-01 2 4.21914E+01 3.98608E+00 3 1.26341E+03 1.97827E+02 4 8.58139E+01								
B2-6	SCHL	1703.000	0.000	1				
486340.000		908030.000						
JICA								
Awra Godana								
Oromia Region Ethiopia								
Rift Valley Lakes Basin								
No.	SPACING		RHO-A					
1	1.5000	101.0000						
2	2.1000	90.0000						
3	3.0000	75.0000						
4	4.0000	76.0000						
5	6.0000	80.0000						
6	9.0000	92.0000						
7	13.0000	119.0000						
8	20.0000	165.0000						
9	25.0000	205.0000						
10	25.0000	187.0000						
11	30.0000	242.0000						
DATASET: B2-6 NORTH: 908030.00 EAST: 486340.00 ELEVATION: 1703.00 LAYER RESISTIVITY THICKNESS (meters) 1 1.02761E+02 6.90241E-01 2 4.96104E+01 6.43759E+00 3 4.23941E+03 6.24922E+01 4 1.83875E+02								
B2-7	SCHL	1703.000	0.000	1				
486860.000		907280.000						
JICA								
Awra Godana								
Oromia Region Ethiopia								
Rift Valley Lakes Basin								
No.	SPACING		RHO-A					
1	1.5000	33.0000						
2	2.1000	27.0000						
3	3.0000	31.0000						
4	4.0000	33.0000						
DATASET: B2-7 NORTH: 907280.00 EAST: 486860.00 ELEVATION: 1703.00 LAYER RESISTIVITY THICKNESS (meters) 1 1.61151E+02 3.18714E-01 2 6.15252E+01 3.72840E+00 3 9.98741E+02 1.98368E+02 4 1.61009E+02								
B2-8	SCHL	1703.000	0.000	1				
486760.000		907780.000						
JICA								
Awra Godana								
Oromia Region Ethiopia								
Rift Valley Lakes Basin								
No.	SPACING		RHO-A					
1	1.5000	33.0000						
2	2.1000	27.0000						
3	3.0000	31.0000						
4	4.0000	33.0000						
DATASET: B2-8 NORTH: 907780.00 EAST: 486760.00 ELEVATION: 1703.00 LAYER RESISTIVITY THICKNESS (meters) 1 1.61151E+02 3.18714E-01 2 6.15252E+01 3.72840E+00 3 9.98741E+02 1.98368E+02 4 1.61009E+02								
B2-8	SCHL	1703.000	0.000	1				
486760.000		907780.000						
JICA								
Awra Godana								
Oromia Region Ethiopia								
Rift Valley Lakes Basin								
No.	SPACING		RHO-A					
1	1.5000	33.0000						
2	2.1000	27.0000						
3	3.0000	31.0000						
4	4.0000	33.0000						

データ 4.1.5 VES 探査データ, (8/41)

Awra Godana		1		RHO-A		March,2010	
Oromia Region Ethiopia		Sting R1		RHO-A		March,2010	
Rift Valley Lakes Basin		Sting R1		RHO-A		March,2010	
No.	SPACING	B2-9	SCHL	1703.000	0.000	1	March,2010
1	1.5000	486660.000	907580.000				
2	2.1000						
3	3.0000						
4	4.0000						
5	6.0000						
6	9.0000						
7	13.0000						
8	20.0000						
9	25.0000						
10	25.0000						
11	30.0000						
12	30.0000						
13	35.0000						
14	40.0000						
15	50.0000						
16	60.0000						
17	80.0000						
18	100.0000						
19	130.0000						
20	160.0000						
21	200.0000						
22	200.0000						
23	250.0000						
24	250.0000						
25	300.0000						
26	350.0000						
27	400.0000						
28	500.0000						
DATASET: B2-8		NORTH: 907780.00		EAST: 907580.00			
486760.00		ELEVATION: 1703.00					
LAYER		RESISTIVITY		THICKNESS		(meters)	
1		1.41731E+02		2.00012E-01			

Awra Godana		1		RHO-A		March,2010	
Oromia Region Ethiopia		Sting R1		RHO-A		March,2010	
Rift Valley Lakes Basin		Sting R1		RHO-A		March,2010	
No.	SPACING	B2-10	SCHL	1703.000	0.000	1	March,2010
1	1.5000	486980.000	907660.000				
2	2.1000						
3	3.0000						
4	4.0000						
5	6.0000						
6	9.0000						
7	13.0000						
8	20.0000						
9	25.0000						
10	25.0000						
11	30.0000						
12	30.0000						
13	35.0000						
14	40.0000						
15	50.0000						
16	60.0000						
17	80.0000						
18	100.0000						
19	130.0000						
20	160.0000						
21	200.0000						
22	200.0000						
23	250.0000						
24	250.0000						
25	300.0000						
26	350.0000						
27	400.0000						
28	500.0000						
DATASET: B2-9		NORTH: 907580.00		EAST: 907580.00			
486660.00		ELEVATION: 1703.00					
LAYER		RESISTIVITY		THICKNESS		(meters)	
1		2.35765E+02		2.40472E-01			
2		2.93249E+01		3.16400E+00			
3		1.73285E+03		1.38617E+02			
4		4.44157E+01					

データ 4.1.5 VES 探査データ, (9/41)

19	160.0000	1046.0000
20	200.0000	1100.0000
21	200.0000	963.0000
22	250.0000	1045.0000
23	250.0000	937.0000
24	300.0000	847.0000
25	350.0000	816.0000
26	400.0000	726.0000
27	500.0000	503.0000

DATASET: B2-10 NORTH: 907660.00 EAST:
486980.00 ELEVATION: 1703.00
LAYER RESISTIVITY THICKNESS (meters)
1 6.37172E+01 1.48306E-01
2 3.55232E+01 3.23226E+00
3 1.80624E+03 1.29352E+02
4 4.13347E+01

RVS BH-3

B3-1	SCHL	1812.000	0.000	1	March,2010
448142.000	796402.000				
JICA					
Oyne Umbure Chefo					
Oromia Region Ethiopia					
Rift Valley Lakes Basin					String R1
No.	SPACING		RHO-A		
1	1.5000	4773.0000			
2	2.1000	5636.0000			
3	3.0000	6656.0000			
4	4.0000	6502.0000			
5	6.0000	4713.0000			
6	9.0000	2720.0000			
7	13.0000	1317.0000			
8	20.0000	364.0000			
9	30.0000	296.0000			

10	35.0000	273.0000
11	40.0000	285.0000
12	50.0000	328.0000
13	60.0000	361.0000
14	80.0000	450.0000
15	100.0000	472.0000
16	130.0000	574.0000
17	160.0000	615.0000
18	200.0000	646.0000
19	250.0000	667.0000
20	250.0000	543.0000
21	300.0000	609.0000
22	400.0000	583.0000
23	500.0000	622.0000

DATASET: B3-1 NORTH: 796402.00 EAST:
448142.00 ELEVATION: 1812.00
LAYER RESISTIVITY THICKNESS (meters)
1 8.49626E+02 2.18511E-01
2 1.19167E+04 1.71635E+00
3 1.81073E+02 2.64209E+01
4 7.76419E+02 9.40140E+01
5 6.03324E+02

B3-2	SCHL	1809.000	0.000	1	March,2010
448035.000	796293.000				
JICA					
Oyne Umbure Chefo					
Oromia Region Ethiopia					
Rift Valley Lakes Basin					String R1
No.	SPACING		RHO-A		
1	1.5000	2994.0000			
2	2.1000	3757.0000			
3	3.0000	4048.0000			
4	4.0000	4061.0000			
5	6.0000	3709.0000			
6	9.0000	2209.0000			

7	13.0000	923.0000
8	20.0000	279.0000
9	25.0000	309.0000
10	25.0000	461.0000
11	30.0000	312.0000
12	30.0000	329.0000
13	35.0000	310.0000
14	40.0000	336.0000
15	50.0000	372.0000
16	60.0000	386.0000
17	80.0000	364.0000
18	100.0000	406.0000
19	130.0000	390.0000
20	160.0000	521.0000
21	200.0000	405.0000
22	250.0000	347.0000
23	300.0000	266.0000

DATASET: B3-2 NORTH: 796293.00 EAST:
448035.00 ELEVATION: 1809.00
LAYER RESISTIVITY THICKNESS (meters)
1 2.53593E+03 5.37269E-01
2 1.41801E+04 1.87472E+00
3 3.13317E+02 3.47369E+01
4 6.37802E+02 7.90075E+01
5 1.25374E+02

B3-3	SCHL	1813.000	0.000	1	March,2010
447888.000	796232.000				
JICA					
Oyne Umbure Chefo					
Oromia Region Ethiopia					
Rift Valley Lakes Basin					String R1
No.	SPACING		RHO-A		
1	1.5000	4007.0000			

データ 4.1.5 VES 探査データ, (10/41)

層 No.	層名	層厚 (m)	層 resistivity (ohm-m)	層 thickness (meters)	層 resistivity (ohm-m)	層 thickness (meters)	層 resistivity (ohm-m)	層 thickness (meters)	層 resistivity (ohm-m)	層 thickness (meters)	層 resistivity (ohm-m)	層 thickness (meters)
2		2.1000	5259.0000									
3		3.0000	5479.0000									
4		4.0000	4470.0000									
5		6.0000	3393.0000									
6		9.0000	2104.0000									
7		13.0000	723.0000									
8		20.0000	467.0000									
9		25.0000	396.0000									
10		25.0000	334.0000									
11		30.0000	264.0000									
12		35.0000	249.0000									
13		40.0000	302.0000									
14		50.0000	343.0000									
15		60.0000	360.0000									
16		80.0000	397.0000									
17		100.0000	475.0000									
18		130.0000	563.0000									
19		160.0000	383.0000									
20		200.0000	423.0000									
21		200.0000	441.0000									
22		250.0000	507.0000									
23		300.0000	368.0000									
24		350.0000	307.0000									
25		400.0000	474.0000									
DATASET: B3-3 NORTH: 796232.00 EAST: 1813.00 447888.00 ELEVATION: 1813.00 LAYER RESISTIVITY THICKNESS (meters) 1 2.44692E+03 4.99941E-01 2 6.51274E+03 2.29975E+00 3 2.72047E+02 2.71529E+01 4 7.46631E+02 5.51055E+01 5 3.09052E+02 B3-4 SCHL 1817.00 0.000 1 DATASET: B3-3 NORTH: 796232.00 EAST: 1813.00 447888.00 ELEVATION: 1813.00 LAYER RESISTIVITY THICKNESS (meters) 1 2.44692E+03 4.99941E-01 2 6.51274E+03 2.29975E+00 3 2.72047E+02 2.71529E+01 4 7.46631E+02 5.51055E+01 5 3.09052E+02												
DATASET: B3-4 NORTH: 796100.00 EAST: 1817.00 447864.00 ELEVATION: 1817.00 LAYER RESISTIVITY THICKNESS (meters) 1 2.07715E+03 6.47124E-01 2 7.63841E+03 3.19224E+00 B3-5 SCHL 1814.00 0.000 1 448008.00 796079.000 JICA Oyne Umbure Chefo Oromia Region Ethiopia Rift Valley Lakes Basin No. SPACING RHO-A 1 1.5000 4895.0000 2 2.1000 5236.0000 3 3.0000 5810.0000 4 4.0000 5619.0000 5 6.0000 4530.0000 6 9.0000 2336.0000 7 13.0000 1083.0000 8 20.0000 308.0000 9 25.0000 230.0000 10 25.0000 337.0000 11 30.0000 293.0000 12 30.0000 237.0000 13 35.0000 219.0000 14 40.0000 239.0000 15 50.0000 269.0000 16 60.0000 295.0000 17 80.0000 392.0000 18 100.0000 384.0000 19 130.0000 395.0000 20 160.0000 383.0000 21 200.0000 441.0000 22 200.0000 407.0000 23 250.0000 425.0000 24 250.0000 423.0000 25 300.0000 290.0000												

データ 4.1.5 VES 探査データ, (11/41)

26	350.0000	245.0000							
27	400.0000	279.0000							
<p>448008.00 ELEVATION: 1814.00 NORTH: 796079.00 EAST: 796116.00</p> <p>LAYER RESISTIVITY THICKNESS (meters)</p> <p>1 3.05345E+03 3.85677E-01</p> <p>2 7.93153E+03 3.10509E+00</p> <p>3 1.78286E+02 3.07956E+01</p> <p>4 1.00411E+03 6.60032E+01</p> <p>5 7.99781E+01</p>									
B3-6	SCHL	1808.000	0.000	1					
448151.000		796116.000							
<p>JICA Oyne Umbure Chefo March,2010</p> <p>Oromia Region Ethiopia 1</p> <p>Rift Valley Lakes Basin Sting R1</p> <p>No. SPACING RHO-A</p>									
1	1.5000	3312.0000							
2	2.1000	3693.0000							
3	3.0000	4639.0000							
4	4.0000	4941.0000							
5	6.0000	4252.0000							
6	9.0000	2456.0000							
7	13.0000	1289.0000							
8	20.0000	441.0000							
9	25.0000	407.0000							
10	30.0000	346.0000							
11	30.0000	386.0000							
12	35.0000	315.0000							
13	40.0000	302.0000							
14	50.0000	326.0000							
15	60.0000	330.0000							
16	80.0000	366.0000							

17	100.0000	351.0000							
18	130.0000	399.0000							
19	160.0000	478.0000							
20	200.0000	612.0000							
21	200.0000	480.0000							
22	250.0000	620.0000							
23	250.0000	496.0000							
24	300.0000	570.0000							
25	350.0000	553.0000							
26	400.0000	309.0000							
<p>448151.00 ELEVATION: 1808.00 NORTH: 796116.00 EAST: 796145.00</p> <p>LAYER RESISTIVITY THICKNESS (meters)</p> <p>1 1.66507E+03 7.78443E-01</p> <p>2 6.57932E+03 2.04214E+00</p> <p>3 1.92957E+02 7.48958E+01</p> <p>4 4.22467E+03 4.08526E+01</p> <p>5 1.17554E+02</p>									
B3-7	SCHL	1818.000	0.000	1					
448370.000		796145.000							
<p>JICA Oyne Umbure Chefo March,2010</p> <p>Oromia Region Ethiopia 1</p> <p>Rift Valley Lakes Basin Sting R1</p> <p>No. SPACING RHO-A</p>									
1	1.5000	2959.0000							
2	2.1000	3364.0000							
3	3.0000	3741.0000							
4	4.0000	4299.0000							
5	6.0000	3424.0000							
6	9.0000	2293.0000							
7	13.0000	672.0000							
8	20.0000	264.0000							

9	25.0000	218.0000							
10	30.0000	236.0000							
11	30.0000	217.0000							
12	35.0000	209.0000							
13	40.0000	219.0000							
14	50.0000	259.0000							
15	60.0000	285.0000							
16	80.0000	350.0000							
17	100.0000	403.0000							
18	200.0000	451.0000							
19	200.0000	414.0000							
20	250.0000	401.0000							
21	250.0000	373.0000							
22	300.0000	330.0000							
23	350.0000	353.0000							
24	400.0000	243.0000							
<p>448370.00 ELEVATION: 1818.00 NORTH: 796145.00 EAST: 796145.00</p> <p>LAYER RESISTIVITY THICKNESS (meters)</p> <p>1 1.28492E+02 6.16929E-02</p> <p>2 1.58848E+04 7.93498E-01</p> <p>3 1.27126E+02 2.12820E+01</p> <p>4 7.04551E+02 1.07438E+02</p> <p>5 7.08093E+01</p>									
B3-8	SCHL	1821.000	0.000	1					
448131.000		795926.000							
<p>JICA Oyne Umbure Chefo March,2010</p> <p>Oromia Region Ethiopia 1</p> <p>Rift Valley Lakes Basin Sting R1</p> <p>No. SPACING RHO-A</p>									
1	1.5000	3200.0000							
2	2.1000	3876.0000							

データ 4.1.5 VES 探査データ, (12/41)

448290.00 ELEVATION: 1819.00				448290.00 ELEVATION: 1819.00			
LAYER	RESISTIVITY	THICKNESS	(meters)	B3-9	SCHL	1819.000	0.000
1	1.35597E+02	1.26610E-01		448290.000	795960.000		1
2	1.11645E+04	9.46847E-01		JICA			March,2010
3	8.98004E+01	9.68465E+00		Oyne Umbure Chefo			1
4	5.97254E+02	1.52196E+02		Oromia Region Ethiopia			Sting R1
5	8.64586E+01			Rift Valley Lakes Basin			RHO-A
				No.	SPACING		
1	1.5000	3572.0000		1	1.5000	1012.0000	
2	2.1000	4692.0000		2	2.1000	1266.0000	
3	3.0000	5136.0000		3	3.0000	1803.0000	
4	4.0000	5296.0000		4	4.0000	1822.0000	
5	6.0000	4277.0000		5	6.0000	1777.0000	
6	9.0000	2177.0000		6	9.0000	1314.0000	
7	13.0000	765.0000		7	13.0000	621.0000	
8	25.0000	295.0000		8	25.0000	181.0000	
9	25.0000	323.0000		9	25.0000	205.0000	
10	30.0000	212.0000		10	30.0000	203.0000	
11	35.0000	197.0000		11	30.0000	192.0000	
12	40.0000	177.0000		12	35.0000	208.0000	
13	40.0000	217.0000		13	40.0000	226.0000	
14	50.0000	217.0000		14	50.0000	252.0000	
15	60.0000	765.0000		15	60.0000	301.0000	
16	80.0000	295.0000		16	80.0000	328.0000	
17	25.0000	323.0000		17	100.0000	375.0000	
18	30.0000	212.0000		18	130.0000	349.0000	
19	35.0000	197.0000		19	160.0000	405.0000	
20	40.0000	229.0000		20	200.0000	424.0000	
21	50.0000	270.0000		21	250.0000	350.0000	
22	60.0000	302.0000		22	250.0000	387.0000	
23	80.0000	326.0000		23	300.0000	402.0000	
24	100.0000	367.0000		24	350.0000	335.0000	
25	130.0000	419.0000		25	400.0000	303.0000	
26	160.0000	482.0000		26	500.0000	264.0000	
27	200.0000	478.0000					
28	200.0000	427.0000					
	250.0000	553.0000					
				DATASET: B3-9 NORTH: 795960.00 EAST: 795960.00			
448131.00 ELEVATION: 1821.00				DATASET: B3-8 NORTH: 795926.00 EAST: 795926.00			
LAYER	RESISTIVITY	THICKNESS	(meters)				
1	2.80481E+02	1.12390E-01					
2	1.35374E+04	1.24096E+00					
3	1.24172E+02	2.46579E+01					
4	8.38598E+02	9.76482E+01					
5	4.52994E+01						

データ 4.1.5 VES 探査データ, (13/41)

22	250.0000	387.0000			
23	300.0000	397.0000			
24	350.0000	345.0000			
25	400.0000	276.0000			
26	500.0000	265.0000			

DATASET: B3-10 NORTH: 796001.00 EAST: 448498.00 ELEVATION: 1817.00
 LAYER RESISTIVITY THICKNESS (meters)
 1 8.37480E+02 3.27879E-01
 2 1.01644E+04 1.29891E+00
 3 1.38614E+02 4.54951E+01
 4 9.08124E+02 9.91928E+01
 5 7.60129E+01

RVS BH-4

B4-1	SCHL	1639.000	0.000	1
424849.000		745299.000		
JICA				
April,2010				
Chanco				
South People Region Ethiopia				
Rift Valley Lakes Basin				
No.	SPACING		RHO-A	
1	1.5000	10.8000		
2	2.1000	12.7000		
3	3.0000	13.2000		
4	4.0000	14.5000		
5	6.0000	14.4000		
6	9.0000	11.6000		
7	13.0000	10.6000		
8	20.0000	8.8000		
9	25.0000	10.1000		
10	25.0000	10.7000		
11	30.0000	10.9000		

12	35.0000	11.5000		
13	40.0000	12.1000		
14	50.0000	12.6000		
15	60.0000	13.4000		
16	80.0000	15.2000		
17	100.0000	17.4000		
18	130.0000	20.0000		
19	160.0000	22.2000		
20	200.0000	23.1000		
21	200.0000	25.6000		
22	250.0000	25.1000		
23	250.0000	28.5000		
24	300.0000	31.1000		
25	400.0000	25.6000		
26	500.0000	26.1000		

DATASET: B4-1 NORTH: 745299.00
 EAST: 424849.00 ELEVATION: 1639.00
 LAYER RESISTIVITY THICKNESS
 (meters)
 1 1.05183E+01 7.57388E-01
 2 3.36644E+01 1.40185E+00
 3 1.18883E+01 2.97963E+01
 4 4.53875E+01 1.15994E+02
 5 1.74523E+01

B4-2	SCHL	1640.000	0.000	1
424658.000		745363.000		
JICA				
April,2010				
Chanco				
South People Region Ethiopia				
Rift Valley Lakes Basin				
No.	SPACING		RHO-A	
1	1.5000	24.7000		
2	2.1000	20.0000		
3	3.0000	21.0000		

4	4.0000	21.7000		
5	6.0000	20.1000		
6	9.0000	19.7000		
7	13.0000	20.4000		
8	20.0000	19.4000		
9	25.0000	21.3000		
10	25.0000	21.1000		
11	30.0000	22.8000		
12	35.0000	23.2000		
13	40.0000	24.1000		
14	50.0000	25.1000		
15	60.0000	25.2000		
16	80.0000	26.5000		
17	100.0000	25.9000		
18	130.0000	22.5000		
19	160.0000	24.0000		
20	200.0000	27.0000		
21	200.0000	27.9000		
22	250.0000	28.8000		
23	250.0000	28.8000		
24	300.0000	29.3000		
25	350.0000	33.5000		
26	400.0000	35.2000		
27	500.0000	36.1000		

DATASET: B4-2 NORTH: 745363.00
 EAST: 424658.00 ELEVATION: 1640.00
 LAYER RESISTIVITY THICKNESS
 (meters)
 1 2.30430E+01 2.02392E+00
 2 1.90360E+01 1.74243E+01
 3 6.16412E+01 1.62930E+01
 4 1.04278E+01 3.57310E+01
 5 4.62844E+01

B4-3	SCHL	1638.000	0.000	1
424913.000		745428.000		

データ 4.1.5 VES 探査データ, (14/41)

JICA April,2010 Chancho South People Region Ethiopia Rift Valley Lakes Basin		1		Sting R1	
No.	SPACING	RHO-A			
1	1.5000	13.6000			
2	2.1000	13.9000			
3	3.0000	15.7000			
4	4.0000	14.9000			
5	6.0000	13.8000			
6	9.0000	11.0000			
7	13.0000	9.7000			
8	20.0000	11.0000			
9	25.0000	10.7000			
10	25.0000	11.0000			
11	30.0000	11.8000			
12	35.0000	12.6000			
13	40.0000	13.2000			
14	50.0000	14.3000			
15	60.0000	15.9000			
16	80.0000	19.1000			
17	100.0000	23.1000			
18	130.0000	25.6000			
19	160.0000	26.7000			
20	200.0000	28.4000			
21	200.0000	27.2000			
22	250.0000	30.1000			
23	300.0000	27.3000			
24	350.0000	25.8000			
25	400.0000	24.3000			
26	500.0000	17.5000			
DATASET: B4-3		NORTH: 745428.00			
EAST: 424913.00		ELEVATION: 1638.00			
LAYER RESISTIVITY THICKNESS					
(meters)					
B4-4		SCHL 1642.000	0.000	1	
424971.000		745614.000			
JICA					
April,2010					
Chancho					
South People Region Ethiopia					
Rift Valley Lakes Basin					
No.	SPACING	RHO-A			
1	1.5000	30.9000			
2	2.1000	31.5000			
3	3.0000	30.4000			
4	4.0000	25.3000			
5	6.0000	18.9000			
6	9.0000	14.0000			
7	13.0000	13.0000			
8	20.0000	12.3000			
9	25.0000	13.0000			
10	25.0000	12.2000			
11	30.0000	12.5000			
12	30.0000	12.2000			
13	35.0000	13.0000			
14	40.0000	13.6000			
15	50.0000	15.2000			
16	60.0000	17.3000			
17	80.0000	21.1000			
18	100.0000	24.4000			
19	130.0000	25.0000			
20	160.0000	25.2000			
21	200.0000	30.6000			
22	250.0000	28.6000			
23	300.0000	24.6000			
B4-5		SCHL 1642.000	0.000	1	
424839.000		745625.000			
JICA					
April,2010					
Chancho					
South People Region Ethiopia					
Rift Valley Lakes Basin					
No.	SPACING	RHO-A			
1	1.5000	19.0000			
2	2.1000	22.0000			
3	3.0000	26.8000			
4	4.0000	26.9000			
5	6.0000	32.2000			
6	9.0000	33.3000			
7	13.0000	36.2000			
8	20.0000	35.1000			
9	25.0000	34.0000			
10	25.0000	32.3000			
11	30.0000	33.5000			
12	30.0000	33.8000			
13	35.0000	31.7000			
14	40.0000	30.5000			
15	50.0000	27.4000			
16	60.0000	25.8000			
DATASET: B4-4		NORTH: 745614.00			
EAST: 424971.00		ELEVATION: 1642.00			
LAYER RESISTIVITY THICKNESS					
(meters)					

データ 4.1.5 VES 探査データ, (15/41)

DATASET: B4-5		NORTH: 745625.00	
EAST: 424839.00		ELEVATION: 1642.00	
LAYER RESISTIVITY THICKNESS		LAYER RESISTIVITY THICKNESS	
(meters)			
17	80.0000	23.2000	
18	100.0000	22.1000	
19	130.0000	21.8000	
20	160.0000	26.8000	
21	200.0000	32.5000	
22	200.0000	29.6000	
23	250.0000	35.1000	
24	250.0000	33.0000	
25	300.0000	33.7000	
26	350.0000	36.7000	
27	400.0000	37.3000	
28	500.0000	36.8000	
DATASET: B4-6			
EAST: 424829.00		NORTH: 745472.00	
ELEVATION: 1642.00		ELEVATION: 1642.00	
LAYER RESISTIVITY THICKNESS		LAYER RESISTIVITY THICKNESS	
(meters)			
1	1.12386E+01	7.52548E-01	
2	3.14484E+01	2.48641E+01	
3	9.92322E+00	3.69669E+01	
4	5.56243E+01		
DATASET: B4-7			
EAST: 424754.00		NORTH: 745130.00	
ELEVATION: 1634.00		ELEVATION: 1634.00	
LAYER RESISTIVITY THICKNESS		LAYER RESISTIVITY THICKNESS	
(meters)			
1	2.20818E+01	1.41097E+00	
2	4.11177E+01	8.56740E+00	
3	1.55010E+01	4.43155E+01	
4	4.34927E+01		
DATASET: B4-8			
EAST: 424754.00		NORTH: 745130.00	
ELEVATION: 1634.00		ELEVATION: 1634.00	
LAYER RESISTIVITY THICKNESS		LAYER RESISTIVITY THICKNESS	
(meters)			
1	1.5000	9.8500	
2	2.1000	11.5000	
3	3.0000	12.4000	
4	4.0000	15.3000	
5	6.0000	18.8000	
6	9.0000	21.5000	
7	13.0000	22.7000	
8	20.0000	20.9000	
9	25.0000	19.0000	
10	25.0000	19.9000	
11	30.0000	17.8000	
12	30.0000	18.2000	
13	35.0000	16.8000	
14	40.0000	16.0000	
15	50.0000	15.0000	
16	60.0000	15.2000	
17	80.0000	16.1000	
18	100.0000	17.5000	
19	130.0000	22.7000	
20	160.0000	22.8000	
21	200.0000	26.9000	
22	200.0000	24.1000	
23	250.0000	26.4000	
24	250.0000	26.7000	
25	300.0000	27.1000	
26	350.0000	29.8000	
27	400.0000	29.6000	
28	500.0000	28.3000	
DATASET: B4-9			
EAST: 424754.00		NORTH: 745130.00	
ELEVATION: 1634.00		ELEVATION: 1634.00	
LAYER RESISTIVITY THICKNESS		LAYER RESISTIVITY THICKNESS	
(meters)			
1	8.82479E+00	1.59751E+00	
2	3.38102E+01	7.28080E+00	

データ 4.1.5 VES 探査データ, (16/41)

B4-8 424642.00 JICA April,2010 Chancho South People Region Ethiopia Rift Valley Lakes Basin No.	SCHL 1637.000 755005.000	NORTH: 755005.00	1	EAST: 424589.000	NORTH: 745208.00	0.000	1	RHO-A 1637.00	1					
3	9.09486E+00	3.77994E+01		26	350.0000	30.4000		80.0000	28.3000					
4	5.24181E+01	1.20856E+02		27	400.0000	28.8000		100.0000	29.6000					
5	2.27255E+01			<p>DATASET: B4-8 NORTH: 755005.00 EAST: 424642.00 ELEVATION: 1637.00 LAYER RESISTIVITY THICKNESS</p>										
					1	7.57014E+00	6.21542E+00	1	7.15298E+00	5.27066E-01				
					2	1.57340E+01	3.71010E+01		2	1.87867E+01	5.76101E-01			
					3	1.01890E+01	1.91108E+01		3	1.55235E+01	1.34231E+01			
					4	7.58602E+01	1.25963E+02		4	3.39837E+01	4.14177E+01			
					5	1.00392E+01			5	2.13990E+01	7.66287E+01			
					B4-9	SCHL 1638.000	0.000	1	6	6.33293E+01				
					424589.000	745208.000			B4-10	SCHL 1654.000	0.000	1		
					JICA				424417.000	745488.000				
					April,2010				JICA					
					Chancho				April,2010					
					South People Region Ethiopia				Chancho			1		
					Rift Valley Lakes Basin				South People Region Ethiopia			Sting R1		
					No.	SPACING	RHO-A		Rift Valley Lakes Basin			No.	SPACING	RHO-A
					1	1.5000	9.8100		1	1.5000	103.0000	1	1.5000	103.0000
					2	2.1000	11.1000		2	2.1000	97.0000	2	2.1000	97.0000
					3	3.0000	12.9000		3	3.0000	85.0000	3	3.0000	85.0000
					4	4.0000	12.7000		4	4.0000	76.0000	4	4.0000	76.0000
					5	6.0000	12.7000		5	6.0000	58.0000	5	6.0000	58.0000
					6	9.0000	13.5000		6	9.0000	46.0000	6	9.0000	46.0000
					7	13.0000	15.3000		7	13.0000	47.0000	7	13.0000	47.0000
					8	20.0000	16.5000		8	20.0000				
					9	25.0000	17.2000		9	25.0000				
					10	25.0000	18.8000		10	25.0000				
					11	30.0000	19.0000		11	30.0000				
					12	30.0000	20.2000		12	30.0000				
					13	35.0000	20.9000		13	35.0000				
					14	40.0000	22.3000		14	40.0000				
					15	50.0000	24.2000		15	50.0000				
					16	60.0000	26.1000		16	60.0000				

データ 4.1.5 VES 探査データ, (17/41)

8	20.0000	62.0000	Fango Damot	1	1.40631E+00
9	25.0000	69.0000	Oromia Region Ethiopia	2	1.02705E+01
10	25.0000	61.0000	Rift Valley Lakes Basin	3	6.83410E+00
11	30.0000	73.0000	No. SPACING	4	1.54658E+02
12	30.0000	62.0000	1	5	1.97683E+01
13	35.0000	68.0000	2	B5-2	0.000
14	40.0000	71.0000	3	SCHL	1483.000
15	50.0000	78.0000	4	402963.000	763727.000
16	60.0000	81.0000	5	JICA	
17	80.0000	88.0000	6	May,2010	
18	100.0000	79.0000	7	Fango Damot	1
19	130.0000	75.0000	8	Oromia Region Ethiopia	
20	160.0000	64.0000	9	Rift Valley Lakes Basin	String R1
21	200.0000	58.0000	10	No. SPACING	RHO-A
22	200.0000	59.0000	11	1	1.5000
23	250.0000	57.0000	12	2	2.1000
24	250.0000	52.0000	13	3	3.0000
25	300.0000	50.0000	14	4	4.0000
26	350.0000	47.0000	15	5	6.0000
27	400.0000	40.0000	16	6	9.0000
28	500.0000	35.0000	17	8	13.0000
			18	20.0000	43.8000
			19	25.0000	43.8000
			20	25.0000	52.8000
			21	25.0000	48.2000
			22	30.0000	45.2000
			23	30.0000	44.9000
			24	35.0000	42.9000
			25	40.0000	40.1000
			26	50.0000	45.0000
			27	60.0000	44.6000
			28	80.0000	48.8000
				100.0000	52.8000
				130.0000	54.3000
				160.0000	54.5000
				200.0000	59.5000
				200.0000	59.0000
				250.0000	47.2000

8	20.0000	62.0000	Fango Damot	1	1.40631E+00
9	25.0000	69.0000	Oromia Region Ethiopia	2	1.02705E+01
10	25.0000	61.0000	Rift Valley Lakes Basin	3	6.83410E+00
11	30.0000	73.0000	No. SPACING	4	1.54658E+02
12	30.0000	62.0000	1	5	1.97683E+01
13	35.0000	68.0000	2	B5-2	0.000
14	40.0000	71.0000	3	SCHL	1483.000
15	50.0000	78.0000	4	402963.000	763727.000
16	60.0000	81.0000	5	JICA	
17	80.0000	88.0000	6	May,2010	
18	100.0000	79.0000	7	Fango Damot	1
19	130.0000	75.0000	8	Oromia Region Ethiopia	
20	160.0000	64.0000	9	Rift Valley Lakes Basin	String R1
21	200.0000	58.0000	10	No. SPACING	RHO-A
22	200.0000	59.0000	11	1	1.5000
23	250.0000	57.0000	12	2	2.1000
24	250.0000	52.0000	13	3	3.0000
25	300.0000	50.0000	14	4	4.0000
26	350.0000	47.0000	15	5	6.0000
27	400.0000	40.0000	16	6	9.0000
28	500.0000	35.0000	17	8	13.0000
			18	20.0000	43.8000
			19	25.0000	43.8000
			20	25.0000	52.8000
			21	25.0000	48.2000
			22	30.0000	45.2000
			23	30.0000	44.9000
			24	35.0000	42.9000
			25	40.0000	40.1000
			26	50.0000	45.0000
			27	60.0000	44.6000
			28	80.0000	48.8000
				100.0000	52.8000
				130.0000	54.3000
				160.0000	54.5000
				200.0000	59.5000
				200.0000	59.0000
				250.0000	47.2000

DATASET: B4-10		NORTH: 745488.00
EAST: 424417.00		ELEVATION: 1654.00
LAYER RESISTIVITY THICKNESS		
(meters)	1	7.24318E+01 2.39648E+00
	2	1.80935E+01 5.63832E+00
	3	1.44590E+02 3.35524E+01
	4	3.73613E+01

RVS BH-5		
B5-1	SCHL	1477.000 0.000 1
403118.000	763713.000	
JICA		
May,2010		

DATASET: B5-1		NORTH: 763713.00
EAST: 403118.00		ELEVATION: 1477.00
LAYER RESISTIVITY THICKNESS		
(meters)		

データ 4.1.5 VES 探査データ, (18/41)

24	250.0000	48.6000	13	35.0000	149.0000	4	4.0000	25.3000
25	300.0000	37.5000	14	40.0000	147.0000	5	6.0000	32.3000
26	350.0000	28.3000	15	50.0000	137.0000	6	9.0000	43.3000
27	400.0000	30.5000	16	60.0000	121.0000	7	13.0000	55.6000
28	500.0000	28.4000	17	80.0000	149.0000	8	20.0000	74.0000
			18	100.0000	136.0000	9	25.0000	89.4000
			19	130.0000	138.0000	10	25.0000	81.2000
			20	160.0000	149.0000	11	30.0000	93.5000
			21	200.0000	138.0000	12	30.0000	93.8000
			22	200.0000	150.0000	13	35.0000	104.0000
			23	250.0000	134.0000	14	40.0000	109.0000
			24	250.0000	144.0000	15	50.0000	131.0000
			25	300.0000	129.0000	16	60.0000	145.0000
			26	350.0000	106.0000	17	80.0000	171.0000
			27	500.0000	66.0000	18	100.0000	187.0000
						19	130.0000	185.0000
						20	160.0000	190.0000
						21	200.0000	143.0000
						22	200.0000	133.0000
						23	250.0000	112.0000
						24	250.0000	93.6000
						25	400.0000	92.9000
						26	500.0000	56.3000
<p>DATASET: B5-2 NORTH: 763727.00 EAST: 402963.00 ELEVATION: 1483.00</p> <p>LAYER RESISTIVITY THICKNESS</p> <p>(meters)</p> <p>1 5.85804E+01 8.34525E-01 2 2.51418E+01 1.03556E+00 3 4.66461E+01 1.76884E+01 4 2.70840E+01 1.61295E+01 5 1.70564E+02 3.81170E+01 6 1.74500E+01</p> <p>B5-3 SCHL 1487.000 0.000 1 402743.000 763735.000</p> <p>JICA May,2010</p> <p>Fango Damot 1 Oromia Region Ethiopia Rift Valley Lakes Basin Siting R1</p> <p>No. SPACING RHO-A</p> <p>1 1.5000 43.4000 2 2.1000 44.6000 3 3.0000 43.2000 4 4.0000 51.2000 5 6.0000 67.0000 6 9.0000 73.8000 7 13.0000 75.4000 8 20.0000 80.9000 9 25.0000 80.4000 10 25.0000 141.0000 11 30.0000 86.1000 12 30.0000 147.0000</p>								
<p>DATASET: B5-3 NORTH: 763735.00 EAST: 402743.00 ELEVATION: 1487.00</p> <p>LAYER RESISTIVITY THICKNESS</p> <p>(meters)</p> <p>1 1.42815E+02 2.69874E+00 2 6.42654E+02 5.81079E+00 3 3.60171E+01 8.02535E+00 4 2.53133E+02 1.07962E+02 5 2.92911E+01</p> <p>B5-4 SCHL 1490.000 0.000 1 402620.000 763758.000</p> <p>JICA May,2010</p> <p>Fango Damot 1 Oromia Region Ethiopia Rift Valley Lakes Basin Siting R1</p> <p>No. SPACING RHO-A</p> <p>1 1.5000 32.6000 2 2.1000 22.4000 3 3.0000 20.0000</p>								
<p>DATASET: B5-4 NORTH: 763758.00 EAST: 402620.00 ELEVATION: 1490.00</p> <p>LAYER RESISTIVITY THICKNESS</p> <p>(meters)</p> <p>1 7.20694E+01 4.34099E-01 2 1.26292E+01 3.42812E+00 3 2.23528E+02 6.49650E+01 4 5.06917E+01</p> <p>B5-5 SCHL 1475.000 0.000 1 403136.000 763369.000</p> <p>JICA May,2010</p>								

データ 4.1.5 VES 探査データ, (19/41)

Fango Damot		1		1	
Oromia Region Ethiopia		Sting R1		RHO-A	
Rift Valley Lakes Basin		Sting R1		RHO-A	
No.	SPACING				
1	1.5000	28.8000			
2	2.1000	27.0000			
3	3.0000	26.3000			
4	4.0000	27.7000			
5	6.0000	26.7000			
6	9.0000	26.6000			
7	13.0000	31.7000			
8	20.0000	34.0000			
9	25.0000	37.5000			
10	25.0000	35.4000			
11	30.0000	36.8000			
12	30.0000	36.0000			
13	35.0000	38.6000			
14	40.0000	41.1000			
15	50.0000	45.4000			
16	60.0000	46.7000			
17	80.0000	53.4000			
18	100.0000	58.9000			
19	130.0000	58.3000			
20	160.0000	57.1000			
21	200.0000	59.8000			
22	200.0000	52.6000			
23	250.0000	38.9000			
24	250.0000	45.7000			
25	300.0000	40.5000			
26	350.0000	31.0000			
27	400.0000	25.0000			
28	500.0000	10.5000			
DATASET: B5-5		NORTH: 763369.00			
EAST: 403136.00		ELEVATION: 1475.00			
LAYER		RESISTIVITY		THICKNESS	
(meters)					
1	5.73435E+01	2.01740E-01	0.000	1	
2	2.59745E+01	1.59411E+01			
3	9.66546E+01	1.03349E+02			
4	1.67521E+00				
B5-6		SCHL 1484.000		0.000 1	
402983.000		763373.000			
JICA					
May,2010					
Fango Damot				1	
Oromia Region Ethiopia				Sting R1	
Rift Valley Lakes Basin				RHO-A	
No.	SPACING				
1	1.5000	66.8000			
2	2.1000	49.3000			
3	3.0000	47.9000			
4	4.0000	59.9000			
5	6.0000	67.3000			
6	9.0000	74.5000			
7	13.0000	73.5000			
8	20.0000	75.6000			
9	25.0000	86.9000			
10	25.0000	63.0000			
11	30.0000	93.2000			
12	30.0000	68.4000			
13	35.0000	74.5000			
14	40.0000	76.1000			
15	50.0000	80.3000			
16	60.0000	83.4000			
17	80.0000	80.4000			
18	100.0000	73.4000			
19	130.0000	65.6000			
20	160.0000	66.0000			
21	200.0000	43.1000			
22	200.0000	59.8000			
23	250.0000	44.6000			
24	300.0000	46.5000			
DATASET: B5-6		NORTH: 763373.00			
EAST: 402983.00		ELEVATION: 1484.00			
LAYER		RESISTIVITY		THICKNESS	
(meters)					
25	350.0000	31.6000			
26	400.0000	17.1000			
27	500.0000	13.5000			
B5-7		SCHL 1487.000		0.000 1	
402779.000		763379.000			
JICA					
May,2010					
Fango Damot				1	
Oromia Region Ethiopia				Sting R1	
Rift Valley Lakes Basin				RHO-A	
No.	SPACING				
1	1.5000	46.5000			
2	2.1000	38.1000			
3	3.0000	33.8000			
4	4.0000	33.6000			
5	6.0000	43.5000			
6	9.0000	56.3000			
7	13.0000	80.9000			
8	20.0000	101.0000			
9	25.0000	118.0000			
10	25.0000	73.3000			
11	30.0000	127.0000			
12	30.0000	81.4000			
13	35.0000	91.5000			
14	40.0000	101.0000			
15	50.0000	120.0000			
16	60.0000	135.0000			

データ 4.1.5 VES 探査データ, (20/41)

17	80.0000	158.0000	10	25.0000	64.9000	3	3.0000	54.4000
18	100.0000	165.0000	11	30.0000	123.0000	4	4.0000	58.1000
19	130.0000	152.0000	12	30.0000	75.9000	5	6.0000	56.5000
20	160.0000	135.0000	13	35.0000	89.6000	6	9.0000	58.3000
21	200.0000	150.0000	14	40.0000	101.0000	7	13.0000	61.4000
22	200.0000	100.0000	15	50.0000	114.0000	8	20.0000	59.6000
23	250.0000	100.0000	16	60.0000	125.0000	9	25.0000	62.5000
24	250.0000	77.9000	17	80.0000	138.0000	10	25.0000	56.4000
25	300.0000	65.9000	18	100.0000	156.0000	11	30.0000	78.6000
26	350.0000	44.8000	19	130.0000	163.0000	12	30.0000	62.5000
DATASET: B5-7 NORTH: 763379.00								
EAST: 402779.00 ELEVATION: 1487.00								
(meters)								
LAYER RESISTIVITY THICKNESS								
1 1.69855E+01 5.77598E-01								
2 5.50589E+00 3.71369E+00								
3 2.68874E+02 5.27229E+01								
4 7.43020E+00								
B5-8 SCHL 1494.000 0.000 1								
402627.000 763379.000								
JICA								
May,2010								
Fango Damot 1								
Oromia Region Ethiopia								
Rift Valley Lakes Basin Siting R1								
No. SPACING RHO-A								
1 1.5000 30.1000								
2 2.1000 24.0000								
3 3.0000 22.5000								
4 4.0000 28.1000								
5 6.0000 35.4000								
6 9.0000 48.6000								
7 13.0000 75.2000								
8 20.0000 91.1000								
9 25.0000 102.0000								
DATASET: B5-8 NORTH: 763379.00								
EAST: 402627.00 ELEVATION: 1494.00								
(meters)								
LAYER RESISTIVITY THICKNESS								
1 3.97639E+01 4.10536E-01								
2 7.19067E+00 2.98964E+00								
3 1.07165E+03 2.18624E+01								
4 3.70031E+01								
B5-9 SCHL 1481.000 0.000 1								
402973.000 763189.000								
JICA								
May,2010								
Fango Damot 1								
Oromia Region Ethiopia								
Rift Valley Lakes Basin Siting R1								
No. SPACING RHO-A								
1 1.5000 61.0000								
2 2.1000 61.5000								
DATASET: B5-9 NORTH: 763189.00								
EAST: 402973.00 ELEVATION: 1481.00								
(meters)								
LAYER RESISTIVITY THICKNESS								
1 5.19259E+01 5.68087E-01								
2 3.87392E+01 1.49596E+01								
3 2.62075E+02 1.54201E+01								
4 2.18401E+01 1.60752E+01								
5 2.60609E+02 3.28419E+01								
6 1.89718E+00								
B5-10 SCHL 1481.000 0.000 1								

データ 4.1.5 VES 探査データ, (21/41)

402737.000		763103.000	
JICA		JICA	
May,2010		March,2010	
Fango Damot		Lajo	
Oromia Region Ethiopia		South People Region Ethiopia	
Rift Valley Lakes Basin		Rift Valley Lakes Basin	
No.	SPACING	No.	SPACING
1	1.5000	1	1.5000
2	2.1000	2	2.1000
3	3.0000	3	3.0000
4	4.0000	4	4.0000
5	6.0000	5	6.0000
6	9.0000	6	9.0000
7	13.0000	7	13.0000
8	20.0000	8	20.0000
9	25.0000	9	25.0000
10	25.0000	10	25.0000
11	30.0000	11	40.0000
12	30.0000	12	50.0000
13	35.0000	13	60.0000
14	40.0000	14	80.0000
15	50.0000	15	100.0000
16	60.0000	16	130.0000
17	80.0000	17	160.0000
18	100.0000	18	200.0000
19	130.0000	19	250.0000
20	160.0000	20	300.0000
21	200.0000		
22	250.0000		
23	250.0000		
24	300.0000		
25	300.0000		
26	400.0000		
27	500.0000		

419595.000		807110.000	
JICA		JICA	
March,2010		March,2010	
Lajo		Lajo	
South People Region Ethiopia		South People Region Ethiopia	
Rift Valley Lakes Basin		Rift Valley Lakes Basin	
No.	SPACING	No.	SPACING
1	1.5000	1	1.5000
2	2.1000	2	2.1000
3	3.0000	3	3.0000
4	4.0000	4	4.0000
5	6.0000	5	6.0000
6	9.0000	6	9.0000
7	13.0000	7	13.0000
8	20.0000	8	20.0000
9	25.0000	9	25.0000
10	25.0000	10	25.0000
11	30.0000	11	30.0000
12	30.0000	12	30.0000
13	35.0000	13	35.0000
14	40.0000	14	40.0000
15	50.0000	15	50.0000
16	60.0000	16	60.0000
17	80.0000	17	80.0000
18	100.0000	18	100.0000
19	130.0000	19	130.0000
20	160.0000	20	160.0000
21	200.0000	21	200.0000
22	250.0000	22	250.0000
23	250.0000	23	250.0000
24	300.0000	24	300.0000
25	300.0000	25	300.0000
26	400.0000	26	400.0000
27	500.0000	27	500.0000

419804.000		806969.000	
JICA		JICA	
March,2010		March,2010	
Lajo		Lajo	
South People Region Ethiopia		South People Region Ethiopia	
Rift Valley Lakes Basin		Rift Valley Lakes Basin	
No.	SPACING	No.	SPACING
1	1.5000	1	1.5000
2	2.1000	2	2.1000
3	3.0000	3	3.0000
4	4.0000	4	4.0000
5	6.0000	5	6.0000
6	9.0000	6	9.0000
7	13.0000	7	13.0000
8	20.0000	8	20.0000
9	25.0000	9	25.0000
10	25.0000	10	25.0000
11	30.0000	11	30.0000
12	30.0000	12	30.0000
13	35.0000	13	35.0000
14	40.0000	14	40.0000
15	50.0000	15	50.0000
16	60.0000	16	60.0000
17	80.0000	17	80.0000
18	100.0000	18	100.0000
19	130.0000	19	130.0000
20	160.0000	20	160.0000
21	200.0000	21	200.0000
22	250.0000	22	250.0000
23	250.0000	23	250.0000
24	300.0000	24	300.0000
25	300.0000	25	300.0000
26	400.0000	26	400.0000
27	500.0000	27	500.0000

402737.000		763103.000	
JICA		JICA	
May,2010		March,2010	
Fango Damot		Lajo	
Oromia Region Ethiopia		South People Region Ethiopia	
Rift Valley Lakes Basin		Rift Valley Lakes Basin	
No.	SPACING	No.	SPACING
1	1.5000	1	1.5000
2	2.1000	2	2.1000
3	3.0000	3	3.0000
4	4.0000	4	4.0000
5	6.0000	5	6.0000
6	9.0000	6	9.0000
7	13.0000	7	13.0000
8	20.0000	8	20.0000
9	25.0000	9	25.0000
10	25.0000	10	25.0000
11	30.0000	11	40.0000
12	30.0000	12	50.0000
13	35.0000	13	60.0000
14	40.0000	14	80.0000
15	50.0000	15	100.0000
16	60.0000	16	130.0000
17	80.0000	17	160.0000
18	100.0000	18	200.0000
19	130.0000	19	250.0000
20	160.0000	20	300.0000
21	200.0000	21	300.0000
22	250.0000	22	300.0000
23	250.0000	23	300.0000
24	300.0000	24	300.0000
25	300.0000	25	300.0000
26	400.0000	26	400.0000
27	500.0000	27	500.0000

402737.000		763103.000	
JICA		JICA	
May,2010		March,2010	
Fango Damot		Lajo	
Oromia Region Ethiopia		South People Region Ethiopia	
Rift Valley Lakes Basin		Rift Valley Lakes Basin	
No.	SPACING	No.	SPACING
1	1.5000	1	1.5000
2	2.1000	2	2.1000
3	3.0000	3	3.0000
4	4.0000	4	4.0000
5	6.0000	5	6.0000
6	9.0000	6	9.0000
7	13.0000	7	13.0000
8	20.0000	8	20.0000
9	25.0000	9	25.0000
10	25.0000	10	25.0000
11	30.0000	11	40.0000
12	30.0000	12	50.0000
13	35.0000	13	60.0000
14	40.0000	14	80.0000
15	50.0000	15	100.0000
16	60.0000	16	130.0000
17	80.0000	17	160.0000
18	100.0000	18	200.0000
19	130.0000	19	250.0000
20	160.0000	20	300.0000
21	200.0000	21	300.0000
22	250.0000	22	300.0000
23	250.0000	23	300.0000
24	300.0000	24	300.0000
25	300.0000	25	300.0000
26	400.0000	26	400.0000
27	500.0000	27	500.0000

データ 4.1.5 VES 探査データ, (22/41)

Lajo	South People Region Ethiopia Rift Valley Lakes Basin	SPACING	RHO-A			
No.				SPACING	RHO-A	String R1
17	80.0000	305.0000	112.0000	25.0000	112.0000	1
18	100.0000	315.0000	137.0000	25.0000	137.0000	
19	130.0000	311.0000	122.0000	30.0000	122.0000	
20	160.0000	299.0000	154.0000	30.0000	154.0000	
21	200.0000	270.0000	167.0000	35.0000	167.0000	
22	200.0000	254.0000	180.0000	40.0000	180.0000	
23	250.0000	270.0000	206.0000	50.0000	206.0000	
24	250.0000	255.0000	236.0000	60.0000	236.0000	
25	350.0000	198.0000	228.0000	80.0000	228.0000	
26	400.0000	185.0000	234.0000	100.0000	234.0000	
27	500.0000	169.0000	226.0000	130.0000	226.0000	
DATASET: B6-2 NORTH: 806969.00 EAST: 419804.00 ELEVATION: 1878.00 (meters)						
LAYER RESISTIVITY THICKNESS 1 1.65157E+02 1.34081E+00 2 2.47887E+01 1.88509E+00 3 3.25954E+02 1.15379E+02 4 1.27115E+02						
B6-3	SCHL 1880.000	0.000	1	250.0000	246.0000	
419973.000	SCHL 807026.000			250.0000	229.0000	
DATASET: B6-3 NORTH: 807026.00 EAST: 419973.00 ELEVATION: 1880.00 (meters)						
LAYER RESISTIVITY THICKNESS 1 2.18462E+02 1.24939E+00 2 2.88715E+01 2.15491E+00 3 1.90785E+02 4.50520E+01 4 2.58947E+02 2.26223E+02 5 5.72152E+01						
B6-4 SCHL 1880.000 0.000 1 420187.000 807098.000 JICA March,2010						

Lajo	South People Region Ethiopia Rift Valley Lakes Basin	SPACING	RHO-A			
No.				SPACING	RHO-A	String R1
1	1.5000	184.0000	112.0000	25.0000	112.0000	1
2	2.1000	146.0000	137.0000	25.0000	137.0000	
3	3.0000	117.0000	122.0000	30.0000	122.0000	
4	4.0000	91.0000	154.0000	30.0000	154.0000	
5	6.0000	74.0000	167.0000	35.0000	167.0000	
6	9.0000	89.0000	180.0000	40.0000	180.0000	
7	13.0000	115.0000	206.0000	50.0000	206.0000	
8	20.0000	160.0000	236.0000	60.0000	236.0000	
9	25.0000	180.0000	228.0000	80.0000	228.0000	
10	25.0000	169.0000	234.0000	100.0000	234.0000	
11	30.0000	204.0000	226.0000	130.0000	226.0000	
12	30.0000	186.0000	235.0000	160.0000	235.0000	
13	35.0000	197.0000	265.0000	200.0000	265.0000	
14	40.0000	211.0000	236.0000	200.0000	236.0000	
15	50.0000	231.0000	246.0000	250.0000	246.0000	
16	60.0000	246.0000	229.0000	250.0000	229.0000	
17	80.0000	260.0000	220.0000	300.0000	220.0000	
18	100.0000	276.0000	205.0000	350.0000	205.0000	
19	130.0000	305.0000	185.0000	400.0000	185.0000	
20	160.0000	298.0000	178.0000	500.0000	178.0000	
21	200.0000	297.0000	158.0000	600.0000	158.0000	
22	200.0000	276.0000	132.0000	700.0000	132.0000	
23	250.0000	263.0000				
24	250.0000	248.0000				
25	300.0000	224.0000				
26	350.0000	208.0000				
27	400.0000	189.0000				
28	500.0000	181.0000				
DATASET: B6-4 NORTH: 807098.00 EAST: 420187.00 ELEVATION: 1880.00 LAYER RESISTIVITY THICKNESS (meters)						

データ 4.1.5 VES 探査データ, (23/41)

1	1.53276E+02	1.41907E+00	24	250.0000	245.0000	14	40.0000	312.0000	
2	2.61647E+01	2.69795E+00	25	300.0000	243.0000	15	50.0000	317.0000	
3	3.17687E+02	5.19532E+01	26	350.0000	204.0000	16	60.0000	299.0000	
4	3.33634E+02	6.64369E+01	27	400.0000	175.0000	17	80.0000	264.0000	
5	1.30748E+02		28	500.0000	152.0000	18	100.0000	255.0000	
B6-5	SCHL 1873.000	0.000 1	DATASET: B6-5 NORTH: 807200.00						
419900.000	807200.000		EAST: 419900.00 ELEVATION: 1873.00						
JICA			LAYER RESISTIVITY THICKNESS						
March,2010			(meters)						
Lajo		1	1	3.66913E+02	1.44220E+00	24	250.0000	217.0000	
South People Region Ethiopia			2	2.94715E+01	2.25863E+00	25	300.0000	200.0000	
Rift Valley Lakes Basin		Sting R1	3	2.69847E+02	8.48465E+01	26	350.0000	180.0000	
No.	SPACING	RHO-A	4	3.19790E+02	1.20363E+02	27	400.0000	162.0000	
1	1.5000	179.0000	5	3.99940E+01		28	500.0000	155.0000	
2	2.1000	161.0000	B6-6	SCHL 1889.000	0.000 1	29	600.0000	132.0000	
3	3.0000	106.0000	420175.000	806900.000		30	700.0000	131.0000	
4	4.0000	74.0000	JICA			DATASET: B6-6 NORTH: 806900.00			
5	6.0000	46.0000	March,2010			EAST: 420175.00 ELEVATION: 1889.00			
6	9.0000	48.0000	Lajo		1	LAYER RESISTIVITY THICKNESS			
7	13.0000	63.0000	South People Region Ethiopia			(meters)			
8	20.0000	86.0000	Rift Valley Lakes Basin		Sting R1	1	2.58819E+02	8.48645E-01	
9	25.0000	102.0000	No.	SPACING	RHO-A	2	4.43526E+01	2.56571E+00	
10	25.0000	132.0000	1	1.5000	178.0000	3	6.23704E+02	1.10544E+01	
11	30.0000	120.0000	2	2.1000	125.0000	4	1.97655E+02	2.85614E+02	
12	30.0000	159.0000	3	3.0000	89.0000	5	6.91522E+01		
13	35.0000	182.0000	4	4.0000	80.0000	B6-7	SCHL 1882.000	0.000 1	
14	40.0000	200.0000	5	6.0000	93.0000	420185.000	807295.000		
15	50.0000	226.0000	6	9.0000	119.0000	JICA			
16	60.0000	240.0000	7	13.0000	150.0000	March,2010			
17	80.0000	246.0000	8	20.0000	205.0000	Lajo		1	
18	100.0000	227.0000	9	25.0000	257.0000	South People Region Ethiopia			
19	130.0000	242.0000	10	25.0000	263.0000	Rift Valley Lakes Basin		Sting R1	
20	160.0000	245.0000	11	30.0000	267.0000	No.	SPACING	RHO-A	
21	200.0000	253.0000	12	30.0000	279.0000	1	1.5000	209.0000	
22	200.0000	250.0000	13	35.0000	301.0000				
23	250.0000	246.0000							

データ 4.1.5 VES 探査データ, (24/41)

DATASET: B6-7		NORTH: 807295.00	
EAST: 420185.00		ELEVATION: 1882.00	
LAYER	RESISTIVITY	THICKNESS	
1	1.84768E+02	1.76212E+00	
2	2.85458E+01	2.66085E+00	
3	3.85626E+02	2.22602E+01	
4	2.43912E+02	1.97473E+02	
5	5.88236E+01		

DATASET: B6-8		NORTH: 806775.00	
EAST: 419800.00		ELEVATION: 1877.00	
LAYER	RESISTIVITY	THICKNESS	
1	3.93104E+02	1.17656E+00	
2	3.25526E+01	2.35190E+00	
3	4.09518E+02	1.84983E+01	
4	2.55538E+02	2.43153E+02	
5	4.83857E+01		

B6-8	SCHL	1877.000	0.000	1
419800.000	806775.000			
JICA				
March,2010				
Lajo				1
South People Region Ethiopia				
Rift Valley Lakes Basin				String R1
No.	SPACING	RHO-A		
1	1.5000	312.0000		
2	2.1000	229.0000		
3	3.0000	151.0000		
4	4.0000	96.0000		
5	6.0000	78.0000		
6	9.0000	97.0000		
7	13.0000	128.0000		
8	20.0000	169.0000		
9	25.0000	191.0000		
10	25.0000	192.0000		
11	30.0000	212.0000		
12	30.0000	219.0000		
13	35.0000	233.0000		
14	40.0000	245.0000		
15	50.0000	272.0000		
16	60.0000	283.0000		
17	80.0000	289.0000		
18	100.0000	286.0000		
19	130.0000	265.0000		
20	160.0000	264.0000		
21	200.0000	259.0000		
22	200.0000	255.0000		
23	250.0000	254.0000		
24	250.0000	245.0000		
25	300.0000	228.0000		
26	350.0000	218.0000		
27	400.0000	209.0000		
28	500.0000	155.0000		

B6-9	SCHL	1884.000	0.000	1
420000.000	806840.000			
JICA				
March,2010				
Lajo				1
South People Region Ethiopia				
Rift Valley Lakes Basin				String R1
No.	SPACING	RHO-A		
1	1.5000	227.0000		
2	2.1000	241.0000		
3	3.0000	213.0000		
4	4.0000	177.0000		
5	6.0000	116.0000		
6	9.0000	70.0000		
7	13.0000	68.0000		
8	20.0000	85.0000		
9	25.0000	96.0000		
10	25.0000	111.0000		
11	30.0000	103.0000		
12	30.0000	118.0000		
13	35.0000	133.0000		
14	40.0000	145.0000		
15	50.0000	166.0000		
16	60.0000	180.0000		
17	80.0000	207.0000		
18	100.0000	213.0000		

データ 4.1.5 VES 探査データ, (25/41)

<p>19 130.0000 234.0000 20 160.0000 240.0000 21 200.0000 249.0000 22 200.0000 232.0000 23 250.0000 235.0000 24 250.0000 220.0000 25 300.0000 212.0000 26 350.0000 209.0000 27 400.0000 173.0000 28 500.0000 163.0000</p> <p>DATASET: B6-9 NORTH: 806840.00 EAST: 420000.00 ELEVATION: 1884.00</p> <p>(meters) LAYER RESISTIVITY THICKNESS</p> <p>1 2.94391E+02 2.47924E+00 2 3.41226E+01 3.38950E+00 3 1.40684E+02 2.11017E+01 4 2.81247E+02 1.89278E+02 5 5.58194E+01</p> <p>B6-10 SCHL 1901.000 0.000 1 418712.000 805176.000</p> <p>JICA March,2010</p> <p>Lajo</p> <p>South People Region Ethiopia Rift Valley Lakes Basin</p> <p>No. SPACING RHO-A</p> <p>1 1.5000 565.0000 2 2.1000 579.0000 3 3.0000 589.0000 4 4.0000 543.0000 5 6.0000 413.0000 6 9.0000 198.0000 7 13.0000 127.0000 8 20.0000 94.0000</p>	<p>9 110.0000 10 103.0000 11 122.0000 12 100.0000 13 107.0000 14 118.0000 15 134.0000 16 149.0000 17 169.0000 18 174.0000 19 191.0000 20 202.0000 21 191.0000 22 220.0000 23 190.0000 24 250.0000 25 300.0000 26 350.0000 27 400.0000 28 500.0000 29 700.0000</p> <p>DATASET: B6-10 NORTH: 805176.00 EAST: 418712.00 ELEVATION: 1901.00</p> <p>(meters) LAYER RESISTIVITY THICKNESS</p> <p>1 5.99222E+02 3.67393E+00 2 2.07943E+01 3.48228E+00 3 3.60520E+02 9.11962E+01 4 1.03823E+02</p> <p>RVS BH-7 B7-1 SCHL 1203.000 0.000 1 341465.000 670539.000 JICA April,2010</p>	<p>Arbaminch South People Region Ethiopia Rift Valley Lakes Basin</p> <p>No. SPACING RHO-A</p> <p>1 1.5000 9.0400 2 2.1000 10.3000 3 3.0000 13.8000 4 4.0000 17.2000 5 6.0000 18.8000 6 9.0000 21.0000 7 13.0000 21.5000 8 20.0000 17.0000 9 25.0000 12.8000 10 25.0000 13.6000 11 30.0000 11.1000 12 30.0000 11.9000 13 35.0000 11.1000 14 40.0000 10.5000 15 50.0000 9.8900 16 60.0000 10.2000 17 80.0000 10.3000 18 100.0000 10.8000 19 130.0000 10.3000 20 160.0000 9.9100 21 200.0000 10.3000 22 200.0000 9.5300 23 250.0000 8.5400 24 300.0000 8.8500 25 350.0000 8.8900 26 400.0000 9.8700 27 500.0000 11.1000</p> <p>DATASET: B7-1 NORTH: 670539.00 EAST: 341465.00 ELEVATION: 1203.00</p> <p>(meters) LAYER RESISTIVITY THICKNESS</p> <p>1 7.28040E+00 1.12354E+00</p>
---	---	---

データ 4.1.5 VES 探査データ, (26/41)

DATASET: B7-2		NORTH: 670519.00	
EAST: 341711.00		ELEVATION: 1203.00	
LAYER RESISTIVITY THICKNESS			
(meters)			
No.	SPACING	RHO-A	String R1
2	4.70235E+01	4.95772E+00	
3	1.79679E+00	4.04286E+00	
4	1.21323E+01	8.54697E+01	
5	3.62158E+00	1.17372E+02	
6	1.05772E+02		
B7-2	SCHL 1203.000	0.000	1
341711.000	670519.000		
JICA			
Arbaminch			
South People Region Ethiopia			
Rift Valley Lakes Basin			
String R1			
No.	SPACING	RHO-A	String R1
1	1.5000	21.0000	
2	2.1000	20.7000	
3	3.0000	18.1000	
4	4.0000	20.4000	
5	6.0000	23.4000	
6	9.0000	26.4000	
7	13.0000	29.5000	
8	20.0000	31.0000	
9	25.0000	30.0000	
10	25.0000	24.0000	
11	30.0000	29.2000	
12	30.0000	23.7000	
13	35.0000	22.2000	
14	40.0000	21.0000	
15	50.0000	19.0000	
16	60.0000	17.6000	
17	80.0000	16.0000	
18	100.0000	14.9000	
19	130.0000	12.1000	
20	160.0000	11.0000	
21	200.0000	10.1000	
22	200.0000	9.6300	
23	250.0000	10.8000	

DATASET: B7-3		NORTH: 670498.00	
EAST: 342009.00		ELEVATION: 1203.00	
LAYER RESISTIVITY THICKNESS			
(meters)			
No.	SPACING	RHO-A	String R1
1	1.12224E+01	1.23489E+00	
2	1.99215E+01	1.21731E+01	
3	1.11078E+01	1.52343E+01	
4	1.49792E+01	9.55241E+01	
5	5.14010E+00	1.58070E+02	
6	9.19174E+01		
B7-3	SCHL 1203.000	0.000	1
342009.000	670477.000		
JICA			
April, 2010			
Arbaminch			
South People Region Ethiopia			
Rift Valley Lakes Basin			
String R1			
No.	SPACING	RHO-A	String R1
1	1.5000	11.8000	
2	2.1000	12.8000	
3	3.0000	13.9000	
4	4.0000	15.3000	
5	6.0000	16.4000	
6	9.0000	17.5000	
7	13.0000	18.1000	
8	20.0000	17.1000	
9	25.0000	16.4000	
10	25.0000	16.8000	
11	30.0000	16.3000	
12	35.0000	15.7000	
13	40.0000	14.7000	
14	50.0000	14.5000	

データ 4.1.5 VES 探査データ, (27/41)

		Rift Valley Lakes Basin		Sting R1	
		No.	SPACING	RHO-A	
8	20.0000	1	1.5000	14.7000	
9	25.0000	2	2.1000	16.7000	
10	25.0000	3	3.0000	17.5000	
11	30.0000	4	4.0000	21.4000	
12	30.0000	5	6.0000	21.4000	
13	35.0000	6	9.0000	20.6000	
14	40.0000	7	13.0000	18.9000	
15	50.0000	8	20.0000	16.3000	
16	60.0000	9	25.0000	17.1000	
17	80.0000	10	25.0000	17.1000	
18	100.0000	11	30.0000	18.0000	
19	130.0000	12	30.0000	16.8000	
20	160.0000	13	35.0000	17.4000	
21	200.0000	14	40.0000	17.7000	
22	200.0000	15	50.0000	17.9000	
23	250.0000	16	60.0000	17.5000	
24	250.0000	17	80.0000	15.7000	
25	300.0000	18	100.0000	14.6000	
26	350.0000	19	130.0000	11.8000	
27	400.0000	20	160.0000	9.3100	
28	500.0000	21	200.0000	10.2000	
		22	200.0000	10.2000	
		23	250.0000	9.4300	
		24	300.0000	9.7900	
		25	350.0000	10.8000	
		26	400.0000	12.3000	
		27	500.0000	12.0000	
		DATASET: B7-5 NORTH: 670150.00			
		EAST: 341440.00 ELEVATION: 1203.00			
		LAYER RESISTIVITY THICKNESS			
		(meters)			
		1	9.40758E+00	7.13558E-01	
		2	7.44076E+00	1.55787E+00	
		3	2.43238E+01	5.97272E+01	
		4	8.97715E+00		
		DATASET: B7-4 NORTH: 670477.00			
		EAST: 342306.00 ELEVATION: 1203.00			
		LAYER RESISTIVITY THICKNESS			
		(meters)			
		1	9.40758E+00	7.13558E-01	
		2	7.44076E+00	1.55787E+00	
		3	2.43238E+01	5.97272E+01	
		4	8.97715E+00		
		DATASET: B7-5 NORTH: 670150.00			
		EAST: 341440.00 ELEVATION: 1203.00			
		LAYER RESISTIVITY THICKNESS			
		(meters)			
		1	1.25418E+01	1.40033E+00	
		2	3.64468E+01	2.69426E+00	
		3	7.50868E+00	6.66540E+00	
		DATASET: B7-5 NORTH: 670150.00			
		EAST: 341440.00 ELEVATION: 1203.00			
		LAYER RESISTIVITY THICKNESS			
		(meters)			
		1	1.25418E+01	1.40033E+00	
		2	3.64468E+01	2.69426E+00	
		3	7.50868E+00	6.66540E+00	
		DATASET: B7-5 NORTH: 670150.00			
		EAST: 341440.00 ELEVATION: 1203.00			
		LAYER RESISTIVITY THICKNESS			
		(meters)			
		1	1.25418E+01	1.40033E+00	
		2	3.64468E+01	2.69426E+00	
		3	7.50868E+00	6.66540E+00	

データ 4.1.5 VES 探査データ, (28/41)

DATASET: B7-6		NORTH: 670110.00		
EAST: 341880.00	ELEVATION: 1203.00			
LAYER	RESISTIVITY	THICKNESS		
(meters)				
1	6.34410E+00	1.28129E+00		
2	8.78247E+01	1.77216E+01		
3	4.64046E+00	1.76612E+01		
4	2.72395E+01	6.27850E+01		
5	1.14611E+01			
B7-7	SCHL 1203.000	0.000	1	
342270.000	670070.000			
JICA				
April,2010				
Arbaminch				
South People Region Ethiopia				
Rift Valley Lakes Basin				
No.	SPACING	RHO-A	Sting R1	
1	1.5000	13.5000		
2	2.1000	13.2000		
3	3.0000	13.4000		
4	4.0000	15.0000		
5	6.0000	15.1000		
6	9.0000	15.3000		
7	13.0000	16.4000		
8	20.0000	16.7000		
9	25.0000	21.4000		
10	25.0000	18.0000		
11	30.0000	23.0000		
12	30.0000	19.5000		
13	35.0000	20.6000		
14	40.0000	23.3000		
15	50.0000	21.4000		
16	60.0000	21.3000		
17	80.0000	19.6000		
18	100.0000	19.0000		
DATASET: B7-7 NORTH: 670070.00				
EAST: 342270.00	ELEVATION: 1203.00			
LAYER	RESISTIVITY	THICKNESS		
(meters)				
1	9.41493E+00	1.15821E+01		
2	1.66990E+02	6.75494E+00		
3	1.05019E+00	1.76142E+01		
4	6.40725E+01	7.28761E+01		
5	1.35544E+00			
B7-8	SCHL 1203.000	0.000	1	
341410.000	669760.000			
JICA				
April,2010				
Arbaminch				
South People Region Ethiopia				
Rift Valley Lakes Basin				
No.	SPACING	RHO-A	Sting R1	
1	1.5000	13.5000		
2	2.1000	18.1000		
3	3.0000	22.8000		
4	4.0000	35.1000		
5	6.0000	48.2000		
6	9.0000	63.5000		
7	13.0000	77.3000		
8	20.0000	86.5000		
9	25.0000	86.6000		
10	25.0000	94.9000		
DATASET: B7-8 NORTH: 669760.00				
EAST: 341410.00	ELEVATION: 1203.00			
LAYER	RESISTIVITY	THICKNESS		
(meters)				
1	8.88518E+00	6.14835E-01		
2	1.51805E+02	1.87301E+01		
3	1.63181E+01			
B7-9	SCHL 1203.000	0.000	1	
341850.000	669720.000			
JICA				
April,2010				
Arbaminch				
South People Region Ethiopia				
Rift Valley Lakes Basin				
No.	SPACING	RHO-A	Sting R1	
1	1.5000	9.0700		
2	2.1000	9.2000		
3	3.0000	10.6000		

データ 4.1.5 VES 探査データ, (29/41)

		South People Region Ethiopia Rift Valley Lakes Basin		South People Region Ethiopia Rift Valley Lakes Basin		South People Region Ethiopia Rift Valley Lakes Basin	
		No.	SPACING	No.	SPACING	No.	SPACING
4	4.0000	1	1.5000	1	1.5000	1	1.5000
5	6.0000	2	2.1000	2	2.1000	2	2.1000
6	9.0000	3	3.0000	3	3.0000	3	3.0000
7	13.0000	4	4.0000	4	4.0000	4	4.0000
8	20.0000	5	6.0000	5	6.0000	5	6.0000
9	25.0000	6	9.0000	6	9.0000	6	9.0000
10	25.0000	7	13.0000	7	13.0000	7	13.0000
11	30.0000	8	20.0000	8	20.0000	8	20.0000
12	30.0000	9	25.0000	9	25.0000	9	25.0000
13	35.0000	10	25.0000	10	25.0000	10	25.0000
14	40.0000	11	30.0000	11	30.0000	11	30.0000
15	50.0000	12	35.0000	12	35.0000	12	35.0000
16	60.0000	13	40.0000	13	40.0000	13	40.0000
17	80.0000	14	50.0000	14	50.0000	14	50.0000
18	100.0000	15	60.0000	15	60.0000	15	60.0000
19	130.0000	16	80.0000	16	80.0000	16	80.0000
20	160.0000	17	100.0000	17	100.0000	17	100.0000
21	200.0000	18	130.0000	18	130.0000	18	130.0000
22	250.0000	19	160.0000	19	160.0000	19	160.0000
23	300.0000	20	200.0000	20	200.0000	20	200.0000
24	400.0000	21	250.0000	21	250.0000	21	250.0000
25	500.0000	22	300.0000	22	300.0000	22	300.0000
		23	350.0000	23	350.0000	23	350.0000
		24	400.0000	24	400.0000	24	400.0000
DATASET: B7-9		NORTH: 669720.00		DATASET: B7-10		NORTH: 669680.00	
EAST: 341850.00		ELEVATION: 1203.00		EAST: 342230.00		ELEVATION: 1203.00	
(meters)		LAYER RESISTIVITY THICKNESS		(meters)		LAYER RESISTIVITY THICKNESS	
		1	7.63941E+00	1	1.42913E+01	1	1.42913E+01
		2	1.44871E+01	2	8.66491E+00	2	8.66491E+00
		3	7.01768E+01	3	6.02753E+01	3	6.02753E+01
		4	1.20283E+01	4	1.67099E+01	4	1.67099E+01
B7-10	SCHL 1203.000	0.000	1	B7-10	SCHL 1203.000	0.000	1
342230.000	669680.000			342230.000	669680.000		
April,2010	JICA			April,2010	JICA		
	Arbaminch				Arbaminch		
			1				1

RVS BH-8

B8-1	SCHL	1157.000	0.000	1
327372.000	630924.000			
April,2010	JICA			
	Walesa			1
	South People Region Ethiopia			
	Rift Valley Lakes Basin			Sting R1
	No.	SPACING	RHO-A	
1	1.5000	21.6000		
2	2.1000	22.9000		
3	3.0000	28.3000		
4	4.0000	33.0000		
5	6.0000	42.3000		
6	9.0000	49.9000		
7	13.0000	55.2000		
8	20.0000	52.5000		
9	25.0000	45.1000		
10	25.0000	37.2000		
11	30.0000	38.9000		
12	30.0000	33.8000		
13	35.0000	29.5000		
14	40.0000	26.2000		
15	50.0000	19.3000		
16	60.0000	17.2000		
17	80.0000	14.0000		
18	100.0000	12.6000		
19	130.0000	10.6000		
20	160.0000	11.3000		
21	200.0000	11.7000		
22	200.0000	9.0500		
23	250.0000	11.9000		
24	250.0000	9.0100		
25	350.0000	10.5000		
26	400.0000	12.6000		

データ 4.1.5 VES 探査データ, (30/41)

DATASET: B8-1 NORTH: 630924.00
EAST: 327372.00 ELEVATION: 1157.00
LAYER RESISTIVITY THICKNESS

(meters)
1 7.62097E+00 1.31735E+00
2 2.83855E+01 1.48320E+01
3 5.45254E+00 1.59413E+02
4 1.29044E+02

B8-2 SCHL 1160.000 0.000 1
327541.000 630500.000

JICA
April,2010

Walesa

South People Region Ethiopia
Rift Valley Lakes Basin

No. SPACING RHO-A

1 1.5000 15.5000
2 2.1000 17.2000
3 3.0000 16.3000
4 4.0000 18.0000
5 6.0000 22.3000
6 9.0000 22.7000
7 13.0000 23.6000
8 20.0000 21.8000
9 25.0000 19.0000
10 25.0000 18.7000
11 30.0000 14.2000
12 30.0000 14.5000
13 35.0000 11.8000
14 40.0000 9.3500
15 50.0000 7.4000
16 60.0000 5.9000
17 80.0000 5.8200
18 130.0000 6.8000
19 160.0000 7.7700
20 200.0000 8.4600

DATASET: B8-2 NORTH: 630500.00
EAST: 327541.00 ELEVATION: 1160.00
LAYER RESISTIVITY THICKNESS

(meters)
1 1.36927E+01 3.24678E+00
2 4.72432E+01 5.54672E+00
3 3.01776E+00 3.68040E+01
4 1.11807E+01

B8-3 SCHL 1160.000 0.000 1
327620.000 530591.000

JICA
April,2010

Walesa

South People Region Ethiopia
Rift Valley Lakes Basin

No. SPACING RHO-A

1 1.5000 13.4000
2 2.1000 16.1000
3 3.0000 20.1000
4 4.0000 24.7000
5 6.0000 30.2000
6 9.0000 30.4000
7 13.0000 25.0000
8 20.0000 20.3000
9 25.0000 18.8000
10 25.0000 18.9000
11 30.0000 14.9000
12 30.0000 15.7000
13 35.0000 13.2000

14 40.0000 10.9000
15 50.0000 8.3300
16 60.0000 7.4800
17 80.0000 6.5000
18 100.0000 6.1700
19 130.0000 5.7500
20 160.0000 5.9800
21 200.0000 7.4200
22 250.0000 7.0000
23 300.0000 7.6000
24 350.0000 8.3000
25 500.0000 12.5000

DATASET: B8-3 NORTH: 530591.00
EAST: 327620.00 ELEVATION: 1160.00
LAYER RESISTIVITY THICKNESS

(meters)
1 5.60700E+00 3.98578E-01
2 3.83775E+01 9.56742E+00
3 5.67192E+00 1.96653E+02
4 4.47122E+01

B8-4 SCHL 1155.000 0.000 1
327740.000 630664.000

JICA
April,2010

Walesa

South People Region Ethiopia
Rift Valley Lakes Basin

No. SPACING RHO-A

1 1.5000 19.8000
2 2.1000 17.7000
3 3.0000 16.1000
4 4.0000 16.6000
5 6.0000 15.7000
6 9.0000 14.2000
7 13.0000 12.9000

データ 4.1.5 VES 探査データ, (31/41)

		Rift Valley Lakes Basin		Sting R1	
		No.	SPACING	RHO-A	
8	20.0000	1	1.5000	14.7000	
9	25.0000	2	2.1000	15.4000	
10	25.0000	3	3.0000	19.3000	
11	30.0000	4	4.0000	23.6000	
12	30.0000	5	6.0000	31.0000	
13	35.0000	6	9.0000	33.7000	
14	40.0000	7	13.0000	26.3000	
15	50.0000	8	20.0000	18.7000	
16	60.0000	9	25.0000	16.5000	
17	80.0000	10	25.0000	17.8000	
18	100.0000	11	30.0000	16.6000	
19	130.0000	12	30.0000	15.7000	
20	200.0000	13	35.0000	15.3000	
21	300.0000	14	40.0000	15.0000	
22	350.0000	15	50.0000	14.2000	
23	400.0000	16	60.0000	12.0000	
24	500.0000	17	80.0000	10.5000	
		18	100.0000	10.5000	
		19	130.0000	10.3000	
		20	200.0000	8.6000	
		21	200.0000	9.0000	
		22	250.0000	7.1000	
		23	350.0000	5.6000	
		24	500.0000	7.1000	
DATASET: B8-4 NORTH: 630664.00					
EAST: 327740.00 ELEVATION: 1155.00					
(meters)					
LAYER RESISTIVITY THICKNESS					
1	1.99492E+01	7.79672E-01			
2	1.38314E+01	9.73317E+00			
3	4.64113E+00	1.05424E+02			
4	5.91566E+00				
B8-5	SCHL	1150.000	0.000	1	
327884.000		630726.000			
JICA					
Walesa					
South People Region Ethiopia					
Rift Valley Lakes Basin					
Sting R1					
RHO-A					
No.	SPACING				
1	1.5000	10.9000			
2	2.1000	11.2000			
3	3.0000	12.0000			
4	4.0000	12.7000			
DATASET: B8-5 NORTH: 630726.00					
EAST: 327884.00 ELEVATION: 1150.00					
(meters)					
LAYER RESISTIVITY THICKNESS					
1	1.42474E+01	2.42030E+00			
2	3.38657E+01	4.43523E+00			
3	5.47639E+00	5.01862E+01			
4	1.12800E+00	4.89818E+01			
5	8.25499E+01				
B8-6	SCHL	1154.000	0.000	1	
327374.000		630169.000			
JICA					
Walesa					
South People Region Ethiopia					
Rift Valley Lakes Basin					
Sting R1					
RHO-A					
No.	SPACING				
1	1.5000	10.9000			
2	2.1000	11.2000			
3	3.0000	12.0000			
4	4.0000	12.7000			
DATASET: B8-6 NORTH: 630169.00					
EAST: 327374.00 ELEVATION: 1154.00					
(meters)					
LAYER RESISTIVITY THICKNESS					
1	1.25153E+01	1.38090E+00			
2	2.30786E+02	8.68189E-01			
3	1.26821E+01	1.10960E+02			
4	1.34282E+00	8.71646E+01			
5	1.35906E+02				

データ 4.1.5 VES 探査データ, (32/41)

B8-7		SCHL		1145.000		0.000		1	
327654.000		630123.000							
JICA									
April,2010									
Walesa									
South People Region Ethiopia									
Rift Valley Lakes Basin									
No.		SPACING		RHO-A		Sting R1			
1	1.5000	10.2000							
2	2.1000	10.4000							
3	3.0000	11.8000							
4	4.0000	12.9000							
5	6.0000	12.9000							
6	9.0000	13.5000							
7	13.0000	12.6000							
8	20.0000	10.0000							
9	25.0000	8.1000							
10	25.0000	8.8000							
11	30.0000	7.3000							
12	30.0000	7.5400							
13	35.0000	6.7300							
14	40.0000	6.1800							
15	50.0000	5.4200							
16	60.0000	5.4000							
17	80.0000	5.0000							
18	100.0000	4.6500							
19	130.0000	4.6700							
20	160.0000	5.2000							
21	200.0000	5.9100							
22	200.0000	6.2200							
23	250.0000	5.8000							
24	250.0000	6.5000							
25	400.0000	7.5000							
26	500.0000	8.2000							
DATASET: B8-7		NORTH: 630123.00							
EAST: 327654.00		ELEVATION: 1145.00							

B8-8		SCHL		1144.000		0.000		1	
328071.000		630050.000							
JICA									
April,2010									
Walesa									
South People Region Ethiopia									
Rift Valley Lakes Basin									
No.		SPACING		RHO-A		Sting R1			
1	1.5000	8.7700							
2	2.1000	9.9600							
3	3.0000	11.2000							
4	4.0000	12.9000							
5	6.0000	13.8000							
6	9.0000	13.0000							
7	13.0000	11.0000							
8	20.0000	7.7000							
9	25.0000	6.9000							
10	25.0000	6.2700							
11	30.0000	5.2200							
12	35.0000	4.6700							
13	40.0000	4.3600							
14	50.0000	4.3700							
15	60.0000	4.4000							
16	80.0000	5.0400							
17	100.0000	4.5000							
18	130.0000	5.3000							
19	160.0000	6.8000							
20	250.0000	7.6000							
21	300.0000	7.4000							
22	350.0000	8.2000							

B8-9		SCHL		1145.000		0.000		1	
327750.000		630264.000							
JICA									
April,2010									
Walesa									
South People Region Ethiopia									
Rift Valley Lakes Basin									
No.		SPACING		RHO-A		Sting R1			
1	1.5000	37.8000							
2	2.1000	36.5000							
3	3.0000	34.7000							
4	4.0000	28.5000							
5	6.0000	22.9000							
6	9.0000	17.2000							
7	13.0000	15.2000							
8	20.0000	12.0000							
9	25.0000	12.1000							
10	25.0000	12.2000							
11	30.0000	9.9000							
12	30.0000	10.0000							
13	35.0000	9.0300							
14	40.0000	7.6800							
15	50.0000	6.4400							
16	60.0000	5.5600							

データ 4.1.5 VES 探査データ, (33/41)

No.	SPACING	RHO-A
17	80.0000	5.5700
18	100.0000	6.0000
19	130.0000	7.4500
20	160.0000	7.4000
21	200.0000	7.0000
22	250.0000	6.9000
23	300.0000	6.9000
24	350.0000	7.2800
25	400.0000	7.8000
26	500.0000	9.5000

DATASET: B8-9 NORTH: 630264.00
 EAST: 327750.00 ELEVATION: 1145.00
 LAYER RESISTIVITY THICKNESS
 (meters)

LAYER	RESISTIVITY	THICKNESS
1	4.08950E+01	2.01403E+00
2	1.55394E+01	1.52618E+01
3	2.41296E+00	2.11360E+01
4	2.01144E+01	3.71825E+01
5	2.57615E+00	9.90053E+01
6	4.93205E+01	

B8-10 SCHL 1145.000 0.000 1
 328010.000 630351.000
 JICA
 April,2010
 Walesa
 South People Region Ethiopia
 Rift Valley Lakes Basin
 Siting R1

No.	SPACING	RHO-A
1	1.5000	12.9000
2	2.1000	12.3000
3	3.0000	14.7000
4	4.0000	15.2000
5	6.0000	16.3000
6	9.0000	16.6000
7	13.0000	15.7000

No.	SPACING	RHO-A
8	20.0000	13.5000
9	25.0000	11.5000
10	25.0000	11.1000
11	30.0000	10.7000
12	30.0000	9.1700
13	35.0000	7.6700
14	40.0000	6.7500
15	50.0000	5.7500
16	60.0000	5.2500
17	80.0000	5.3800
18	100.0000	6.3000
19	160.0000	6.6000
20	300.0000	6.6000
21	350.0000	6.8000
22	400.0000	7.9000
23	500.0000	9.4000

DATASET: B8-10 NORTH: 630351.00
 EAST: 328010.00 ELEVATION: 1145.00
 LAYER RESISTIVITY THICKNESS
 (meters)

LAYER	RESISTIVITY	THICKNESS
1	9.56298E+00	1.09359E+00
2	1.46503E+01	1.36135E+01
3	1.90719E+00	1.62270E+01
4	2.41025E+01	2.70232E+01
5	1.57236E+00	6.74523E+01
6	1.83858E+02	

RVS BH-9
 B9-1 SCHL 1200.000 0.000 1
 330444.000 596847.000
 JICA
 May,2010
 Beresa
 South People Region Ethiopia
 Rift Valley Lakes Basin
 Siting R1

DATASET: B9-1 NORTH: 596847.00
 EAST: 330444.00 ELEVATION: 1200.00
 LAYER RESISTIVITY THICKNESS
 (meters)

LAYER	RESISTIVITY	THICKNESS
1	4.64268E+00	7.16355E+00
2	1.71477E+00	3.46268E+00
3	1.09368E+02	1.87955E+01

データ 4.1.5 VES 探査データ, (34/41)

DATASET: B9-2		NORTH: 597037.00	
EAST: 330474.00		ELEVATION: 1196.00	
LAYER	RESISTIVITY	THICKNESS	
(meters)			
1	8.81909E+00	3.12326E+00	
2	2.06039E+01	1.44015E+01	
3	4.50107E+01	3.87784E+01	
4	3.29025E+01		
B9-3		SCHL 1181.000	0.000 1
330545.000		597164.000	
JICA			
May,2010			
Beresa			1
South People Region Ethiopia			
Rift Valley Lakes Basin			Sting R1
No.	SPACING		RHO-A
1	1.5000	31.8000	
2	2.1000	31.3000	
3	3.0000	43.2000	
4	4.0000	48.4000	
5	6.0000	43.0000	
6	9.0000	33.6000	
7	13.0000	35.4000	
8	25.0000	32.5000	
9	30.0000	35.5000	
10	35.0000	37.7000	
11	40.0000	40.2000	
12	50.0000	46.6000	
13	60.0000	44.3000	
14	80.0000	48.8000	
15	100.0000	43.4000	
16	130.0000	36.5000	
17	160.0000	42.5000	
18	200.0000	41.1000	
19	200.0000	40.8000	
20	250.0000	46.2000	

DATASET: B9-3		NORTH: 597164.00	
EAST: 330545.00		ELEVATION: 1181.00	
LAYER	RESISTIVITY	THICKNESS	
(meters)			
1	2.16865E+01	8.98000E-01	
2	8.54994E+01	1.76027E+00	
3	1.77605E+01	9.33464E+00	
4	9.79165E+01	2.13721E+01	
5	1.63446E+01	6.44426E+01	
6	1.53312E+02		
B9-4		SCHL 1187.000	0.000 1
330600.000		597249.000	
JICA			
May,2010			
Beresa			1
South People Region Ethiopia			
Rift Valley Lakes Basin			Sting R1
No.	SPACING		RHO-A
1	1.5000	13.8000	
2	2.1000	13.5000	
3	3.0000	18.5000	
4	4.0000	22.4000	
5	6.0000	25.1000	
6	9.0000	26.0000	
7	13.0000	28.5000	
8	20.0000	33.1000	
9	25.0000	33.0000	
10	30.0000	31.7000	
11	30.0000	34.2000	
12	40.0000	34.2000	
13	50.0000	35.1000	
14	60.0000	35.8000	
15	80.0000	34.9000	
16	100.0000	38.2000	
17	130.0000	37.8000	
18	200.0000	38.2000	
19	200.0000	36.3000	
20	250.0000	35.0000	
21	250.0000	33.4000	
22	300.0000	33.7000	
23	350.0000	33.6000	
24	400.0000	35.8000	

データ 4.1.5 VES 探査データ, (35/41)

13		14		15		16		17		18		19		20		21		22		23		24		25		26		27		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		27	
35.0000		40.0000		50.0000		60.0000		80.0000		100.0000		130.0000		160.0000		200.0000		250.0000		300.0000		350.0000		400.0000		500.0000		6.0000		9.0000		13.0000		20.0000		30.0000		40.0000		50.0000		60.0000		80.0000		100.0000		130.0000		160.0000		200.0000		250.0000		300.0000		350.0000		400.0000		500.0000													
33.8000		41.1000		41.8000		43.3000		46.4000		45.6000		45.1000		45.3000		46.3000		37.3000		37.3000		35.1000		34.2000		32.1000		30.1000		6.5000		6.2000		8.3000		10.3000		13.0000		17.6000		22.0000		25.2000		26.4000		28.3000		26.4000		30.7000		28.0000		31.6000		27.9000		31.7000		26.6000													
DATASET: B9-4		NORTH: 597249.00		EAST: 330600.00		ELEVATION: 1187.00		LAYER RESISTIVITY		THICKNESS		(meters)		1 8.07040E+00		2 2.44476E+01		3 4.14810E+01		4 2.53122E+01		DATASET: B9-5		NORTH: 596946.00		EAST: 330314.00		ELEVATION: 1202.00		LAYER RESISTIVITY		THICKNESS		(meters)		1 3.36824E+01		2 4.07214E+00		3 3.19192E+01		DATASET: B9-6		NORTH: 596731.00		EAST: 330662.00		ELEVATION: 1202.00		LAYER RESISTIVITY		THICKNESS		(meters)		1 7.37469E+00		2 3.97478E+00																	
B9-5		SCHL 1202.000		0.000		1		330314.000		596946.000		JICA		May,2010		Beresa		South People Region Ethiopia		Rift Valley Lakes Basin		Siting R1		No.		SPACING		RHO-A		1 1.5000		2 2.1000		3 3.0000		4 4.0000		7.2000		5.8000		5.6000		6.2000																															
13		14		15		16		17		18		19		20		21		22		23		24		25		26		27		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		27	
35.0000		40.0000		50.0000		60.0000		80.0000		100.0000		130.0000		160.0000		200.0000		250.0000		300.0000		350.0000		400.0000		500.0000		6.0000		9.0000		13.0000		20.0000		30.0000		40.0000		50.0000		60.0000		80.0000		100.0000		130.0000		160.0000		200.0000		250.0000		300.0000		350.0000		400.0000		500.0000													
33.8000		41.1000		41.8000		43.3000		46.4000		45.6000		45.1000		45.3000		46.3000		37.3000		37.3000		35.1000		34.2000		32.1000		30.1000		6.5000		6.2000		8.3000		10.3000		13.0000		17.6000		22.0000		25.2000		26.4000		28.3000		26.4000		30.7000		28.0000		31.6000		27.9000		31.7000		26.6000													
DATASET: B9-4		NORTH: 597249.00		EAST: 330600.00		ELEVATION: 1187.00		LAYER RESISTIVITY		THICKNESS		(meters)		1 8.07040E+00		2 2.44476E+01		3 4.14810E+01		4 2.53122E+01		DATASET: B9-5		NORTH: 596946.00		EAST: 330314.00		ELEVATION: 1202.00		LAYER RESISTIVITY		THICKNESS		(meters)		1 3.36824E+01		2 4.07214E+00		3 3.19192E+01		DATASET: B9-6		NORTH: 596731.00		EAST: 330662.00		ELEVATION: 1202.00		LAYER RESISTIVITY		THICKNESS		(meters)		1 7.37469E+00		2 3.97478E+00																	
B9-5		SCHL 1202.000		0.000		1		330314.000		596946.000		JICA		May,2010		Beresa		South People Region Ethiopia		Rift Valley Lakes Basin		Siting R1		No.		SPACING		RHO-A		1 1.5000		2 2.1000		3 3.0000		4 4.0000		7.2000		5.8000		5.6000		6.2000																															

データ 4.1.5 VES 探査データ, (36/41)

330823.00 ELEVATION: 1200.00		330892.00 ELEVATION: 1205.00		330823.00 ELEVATION: 1200.00	
LAYER RESISTIVITY THICKNESS		LAYER RESISTIVITY THICKNESS		LAYER RESISTIVITY THICKNESS	
(meters)		(meters)		(meters)	
22	200.0000	27.6000	22	200.0000	27.6000
23	250.0000	30.3000	23	250.0000	30.3000
24	250.0000	30.6000	24	250.0000	30.6000
25	300.0000	34.1000	25	300.0000	34.1000
26	350.0000	36.1000	26	350.0000	36.1000
27	400.0000	35.5000	27	400.0000	35.5000
28	500.0000	33.6000	28	500.0000	33.6000
DATASET: B9-8 NORTH: 596750.00					
EAST: 330892.00 ELEVATION: 1205.00					
LAYER RESISTIVITY THICKNESS					
(meters)					
1	3.48748E+00	1.57151E+00	1	9.39954E+01	4.46197E-01
2	1.15877E+01	2.03572E+00	2	8.17460E+00	2.31499E+01
3	1.27792E+00	5.05455E+00	3	7.28255E+01	4.59716E+01
4	1.26802E+02	5.86082E+01	4	2.63241E+01	
5	2.80898E+01				
B9-8 SCHL 1205.000 0.000 1					
330892.000 596750.000					
JICA					
May,2010					
Beresa					
South People Region Ethiopia					
Rift Valley Lakes Basin					
No. SPACING RHO-A					
1	1.5000	6.1700	1	1.5000	6.1700
2	2.1000	6.6600	2	2.1000	6.6600
3	3.0000	7.7000	3	3.0000	7.7000
4	4.0000	8.2000	4	4.0000	8.2000
5	6.0000	8.1000	5	6.0000	8.1000
6	9.0000	8.2000	6	9.0000	8.2000
7	13.0000	7.6800	7	13.0000	7.6800
8	20.0000	7.1000	8	20.0000	7.1000
9	25.0000	7.9000	9	25.0000	7.9000
10	25.0000	6.5000	10	25.0000	6.5000
11	30.0000	9.3000	11	30.0000	9.3000
12	30.0000	7.1000	12	30.0000	7.1000
13	35.0000	7.9000	13	35.0000	7.9000
14	40.0000	8.7200	14	40.0000	8.7200
15	50.0000	10.2000	15	50.0000	10.2000
16	60.0000	11.8000	16	60.0000	11.8000
17	80.0000	15.3000	17	80.0000	15.3000
18	100.0000	18.1000	18	100.0000	18.1000
19	130.0000	21.7000	19	130.0000	21.7000
20	160.0000	24.3000	20	160.0000	24.3000
21	200.0000	28.8000	21	200.0000	28.8000
B9-9 SCHL 1199.000 0.000 1					
330674.000 596923.000					
JICA					
May,2010					
Beresa					
South People Region Ethiopia					
Rift Valley Lakes Basin					
No. SPACING RHO-A					
1	1.5000	7.4300	1	1.5000	7.4300
2	2.1000	7.3700	2	2.1000	7.3700
3	3.0000	7.2800	3	3.0000	7.2800
4	4.0000	9.0000	4	4.0000	9.0000
5	6.0000	10.2000	5	6.0000	10.2000
6	9.0000	11.3000	6	9.0000	11.3000
7	13.0000	12.6000	7	13.0000	12.6000
8	20.0000	12.5000	8	20.0000	12.5000
9	25.0000	13.9000	9	25.0000	13.9000
10	25.0000	11.4000	10	25.0000	11.4000
11	30.0000	14.2000	11	30.0000	14.2000
DATASET: B9-7 NORTH: 596853.00					

データ 4.1.5 VES 探査データ, (38/41)

DATASET: B10-1		NORTH: 566688.00		
EAST: 348801.00		ELEVATION: 890.00		
LAYER	RESISTIVITY	THICKNESS		
(meters)				
1	2.77700E+00	1.97604E-01		
2	8.58148E+01	1.35896E+00		
3	2.47894E+00	5.81875E+00		
4	6.78084E+01	2.74663E+01		
5	4.95552E+00	9.78174E+01		
6	1.39003E+01			
B10-2		SCHL 887.000	0.000	1
349030.000		566601.000		
JICA				
May,2010				
Birindar		1		
Oromia Region Ethiopia		Sting R1		
Rift Valley Lakes Basin		RHO-A		
No.	SPACING	RHO-A		
1	1.5000	4.3300		
2	2.1000	3.6400		
3	3.0000	3.5500		
4	4.0000	3.8900		
5	6.0000	3.8000		
6	9.0000	4.6200		
7	13.0000	4.5100		
8	20.0000	5.4000		
9	25.0000	4.7000		
10	25.0000	4.4000		
11	30.0000	5.4600		
12	30.0000	4.4200		
13	35.0000	4.6000		
14	40.0000	4.7800		
15	50.0000	4.7000		
16	60.0000	4.6400		
17	80.0000	5.4000		
DATASET: B10-2		NORTH: 566601.00		
EAST: 349030.00		ELEVATION: 887.00		
LAYER	RESISTIVITY	THICKNESS		
(meters)				
1	3.68208E+01	2.42435E-01		
2	2.78985E+00	6.88141E+00		
3	5.20139E+00	1.51916E+02		
4	6.35792E+00			
B10-3		SCHL 887.000	0.000	1
349214.000		566526.000		
JICA				
May,2010				
Birindar		1		
Oromia Region Ethiopia		Sting R1		
Rift Valley Lakes Basin		RHO-A		
No.	SPACING	RHO-A		
1	1.5000	5.9000		
2	2.1000	4.1000		
3	3.0000	3.7000		
4	4.0000	3.8600		
5	6.0000	3.8200		
6	9.0000	3.8300		
7	13.0000	4.1000		
8	20.0000	5.2100		
9	25.0000	5.1000		
10	25.0000	4.3500		
11	30.0000	6.0300		
12	30.0000	4.8600		
13	35.0000	4.9900		
DATASET: B10-3		NORTH: 566526.00		
EAST: 349214.00		ELEVATION: 887.00		
LAYER	RESISTIVITY	THICKNESS		
(meters)				
1	1.71168E+01	3.49299E-01		
2	1.41908E+00	9.93156E+00		
3	7.67713E+00	1.07241E+01		
4	1.27724E+00	2.86059E+01		
5	7.20709E+01			
B10-4		SCHL 887.000	0.000	1
349420.000		566443.000		
JICA				
May,2010				
Birindar		1		
Oromia Region Ethiopia		Sting R1		
Rift Valley Lakes Basin		RHO-A		
No.	SPACING	RHO-A		
1	1.5000	5.3300		
2	2.1000	4.4100		
3	3.0000	4.5900		
4	4.0000	5.2700		

データ 4.1.5 VES 探査データ, (39/41)

5	6.0000	4.6000	Birindar	1	2	2.23061E+01	1.27889E+00
6	9.0000	3.7000	Oromia Region Ethiopia	1	3	2.23278E+00	9.41904E+01
7	13.0000	3.5000	Rift Valley Lakes Basin	1	4	4.07712E+02	
8	20.0000	3.7900	No.				
9	25.0000	3.0300	SPACING				
10	25.0000	4.1000	1				
11	30.0000	4.3000	2				
12	30.0000	4.6000	3				
13	35.0000	5.0200	4				
14	40.0000	5.6100	5				
15	50.0000	5.7100	6				
16	60.0000	6.0200	7				
17	80.0000	5.8000	8				
18	100.0000	5.2000	9				
19	130.0000	5.6000	10				
20	160.0000	6.6200	11				
21	200.0000	6.5000	12				
22	250.0000	7.2000	13				
23	300.0000	7.8000	14				
24	350.0000	8.2200	15				
25	400.0000	8.1400	16				
26	500.0000	7.8000	17				
			18				
			19				
			20				
			21				
			22				
			23				
			24				
			25				
			26				
			27				
DATASET: B10-4 NORTH: 566443.00							
EAST: 349420.00 ELEVATION: 887.00							
(meters)							
	1	7.11996E+00	5.28612E+00				
	2	3.02412E+00	9.26628E+00				
	3	9.90495E+00	1.82033E+01				
	4	2.81744E+00	2.63109E+01				
	5	9.60071E+00					
DATASET: B10-5 NORTH: 566343.00							
EAST: 349678.00 ELEVATION: 887.00							
(meters)							
	1	8.32162E+00	6.00808E-01				
	2	1.5000	9.4000				
	3	3.0000	11.4000				
	4	4.0000	10.8000				
	5	6.0000	10.5000				
	6	9.0000	5.9000				
	7	13.0000	3.3000				
	8	20.0000	2.6000				
	9	25.0000	2.5500				
	10	25.0000	2.4000				
	11	30.0000	3.5600				
	12	30.0000	2.5000				
	13	35.0000	3.9100				
	14	40.0000	4.2400				
	15	50.0000	4.5100				
	16	60.0000	5.1000				
	17	80.0000	5.3000				
	18	100.0000	4.7000				
	19	130.0000	5.3000				
	20	160.0000	6.1500				
	21	200.0000	7.1000				
	22	200.0000	8.5000				
	23	200.0000	5.9800				
	24	250.0000	9.6000				
	25	250.0000	6.7000				
	26	300.0000	8.5000				
	27	350.0000	7.9600				
	28	400.0000	8.6000				
DATASET: B10-6 NORTH: 566343.00							
EAST: 348611.0000 ELEVATION: 887.00							
(meters)							
	1	1.5000	19.7000				
	2	2.1000	22.2000				
	3	3.0000	25.9000				
	4	4.0000	31.4000				
	5	6.0000	33.8000				
	6	9.0000	30.2000				
	7	13.0000	38.9000				
	8	20.0000	40.1000				
	9	25.0000	41.9000				
	10	25.0000	40.8000				
	11	30.0000	41.2000				
	12	30.0000	41.0000				
	13	35.0000	40.2000				
	14	40.0000	39.5000				
	15	50.0000	37.2000				
	16	60.0000	35.2000				
	17	80.0000	29.2000				
	18	100.0000	26.8000				
	19	130.0000	26.1000				
	20	160.0000	22.2000				
	21	200.0000	20.1000				
	22	200.0000	17.9000				
	23	250.0000	18.6000				
	24	300.0000	16.3000				
	25	350.0000	18.2000				

データ 4.1.5 VES 探査データ, (40/41)

26	400.0000	19.3000			
27	500.0000	19.6000			
DATASET: B10-6 NORTH: 566764.00					
EAST: 348611.00 ELEVATION: 892.00					
(meters)	LAYER	RESISTIVITY	THICKNESS		
	1	1.49773E+01	1.15842E+00		
	2	3.69130E+01	4.20429E+01		
	3	1.39505E+01	1.16899E+02		
	4	2.30562E+01			
B10-7	SCHL	887.000	0.000	1	
349826.000		566285.000			
JICA					
May,2010					
Birindar					
Oromia Region Ethiopia					
Rift Valley Lakes Basin					
No.	SPACING		RHO-A	Sting R1	
1	1.5000	10.1000			
2	2.1000	11.0000			
3	3.0000	11.8000			
4	4.0000	10.2000			
5	6.0000	7.1000			
6	9.0000	5.6000			
7	13.0000	4.8000			
8	20.0000	6.0000			
9	25.0000	6.0000			
10	30.0000	5.8000			
11	30.0000	4.9600			
12	35.0000	4.9000			
13	40.0000	4.8000			
14	50.0000	5.1000			
15	60.0000	5.3000			
16	80.0000	5.3000			
17	100.0000	5.2000			

18	130.0000	3.9000			
19	160.0000	4.1000			
20	200.0000	4.3000			
21	200.0000	5.4000			
22	250.0000	6.2000			
23	350.0000	8.3000			
24	400.0000	11.8000			
25	500.0000	10.0000			
DATASET: B10-7 NORTH: 566285.00					
EAST: 349826.00 ELEVATION: 887.00					
(meters)	LAYER	RESISTIVITY	THICKNESS		
	1	1.24713E+01	3.00684E+00		
	2	2.73368E+00	3.55120E+00		
	3	7.94648E+00	4.47780E+01		
	4	1.87245E+00	5.60843E+01		
	5	6.74475E+01			
B10-8	SCHL	887.000	0.000	1	
349915.000		566249.000			
JICA					
May,2010					
Birindar					
Oromia Region Ethiopia					
Rift Valley Lakes Basin					
No.	SPACING		RHO-A	Sting R1	
1	1.5000	12.9000			
2	2.1000	15.7000			
3	3.0000	15.9000			
4	4.0000	12.9000			
5	6.0000	8.1000			
6	9.0000	5.2000			
7	13.0000	4.7000			
8	20.0000	4.4000			
9	25.0000	4.3000			
10	25.0000	4.1000			

11	30.0000	5.2000			
12	30.0000	4.9900			
13	35.0000	5.3000			
14	40.0000	5.5000			
15	50.0000	4.9000			
16	60.0000	3.8000			
17	80.0000	4.4000			
18	100.0000	4.3300			
19	200.0000	4.9000			
20	250.0000	4.7500			
21	300.0000	5.2000			
22	350.0000	9.6000			
23	400.0000	12.0000			
DATASET: B10-8 NORTH: 566249.00					
EAST: 349915.00 ELEVATION: 887.00					
(meters)	LAYER	RESISTIVITY	THICKNESS		
	1	1.43594E+01	3.06716E+00		
	2	1.42244E+00	3.54161E+00		
	3	7.81542E+00	1.98878E+01		
	4	2.55606E+00	1.00021E+02		
	5	1.00968E+03			
B10-9	SCHL	887.000	0.000	1	
350055.000		566191.000			
JICA					
May,2010					
Birindar					
Oromia Region Ethiopia					
Rift Valley Lakes Basin					
No.	SPACING		RHO-A	Sting R1	
1	1.5000	5.7000			
2	2.1000	5.4000			
3	3.0000	4.7000			
4	4.0000	4.6000			
5	6.0000	4.4000			

データ 4.1.5 VES 探査データ, (41/41)

		Rift Valley Lakes Basin		Sting R1	
		No.	SPACING	RHO-A	
6	9.0000	1	1.5000	12.9000	
7	13.0000	2	2.1000	14.4000	
8	20.0000	3	3.0000	14.8000	
9	25.0000	4	4.0000	15.9000	
10	30.0000	5	6.0000	13.1000	
11	30.0000	6	9.0000	11.6000	
12	35.0000	7	13.0000	9.8000	
13	40.0000	8	20.0000	7.0000	
14	50.0000	9	25.0000	7.3000	
15	60.0000	10	25.0000	7.7000	
16	80.0000	11	30.0000	6.0000	
17	100.0000	12	30.0000	7.0000	
18	200.0000	13	35.0000	7.1000	
19	200.0000	14	40.0000	7.0000	
20	250.0000	15	50.0000	6.7000	
21	250.0000	16	60.0000	6.7000	
22	300.0000	17	80.0000	5.6000	
23	350.0000	18	100.0000	4.7000	
24	400.0000	19	130.0000	4.5000	
25	500.0000	20	160.0000	5.0000	
		21	200.0000	5.3000	
		22	200.0000	4.3000	
		23	250.0000	6.1000	
		24	300.0000	5.1000	
		25	350.0000	6.2000	
		26	400.0000	9.6000	
		27	500.0000	9.0000	
DATASET: B10-9 NORTH: 566191.00 EAST: 350055.00 ELEVATION: 887.00 LAYER RESISTIVITY THICKNESS (meters)					
		1	3.88482E+00	5.06377E+00	
		2	9.69262E-01	6.08806E+00	
		3	1.06268E+01	1.93977E+01	
		4	2.24998E+00	1.26393E+02	
		5	4.54939E+01		
DATASET: B10-10 NORTH: 566157.00 EAST: 350148.00 ELEVATION: 887.00 LAYER RESISTIVITY THICKNESS (meters)					
		1	8.88572E+00	3.94713E-01	
		2	1.66395E+01	4.05614E+00	
		3	5.95625E+00	3.55010E+01	
DATASET: B10-9 NORTH: 566191.00 EAST: 350055.00 ELEVATION: 887.00 LAYER RESISTIVITY THICKNESS (meters)					
B10-10	SCHL	887.000	0.000	1	
350148.000		566157.000			
JICA May,2010 Birindar Oromia Region Ethiopia					

データ 4.2.1 現場写真 (TEM 探査)、(1/2)



TEM instrument kept with EWTEC



Preparation of TEM (Tora area)



Measurement of a position of a transmitting loop (BH9N)



Set up of loop (BH10N)



Induction coil installation (BH6)



Electric-magnetic measurement (BH3)



Transmitter and generator (Tora area)



Electric-magnetic measurement (Tora area)

データ 4.2.1 現場写真 (TEM 探査)、(2/2)



Training of the EWTEC underground water course (BH6)



Guide plate of WS



Lecture scenery (WS)



Lecture scenery (WS)



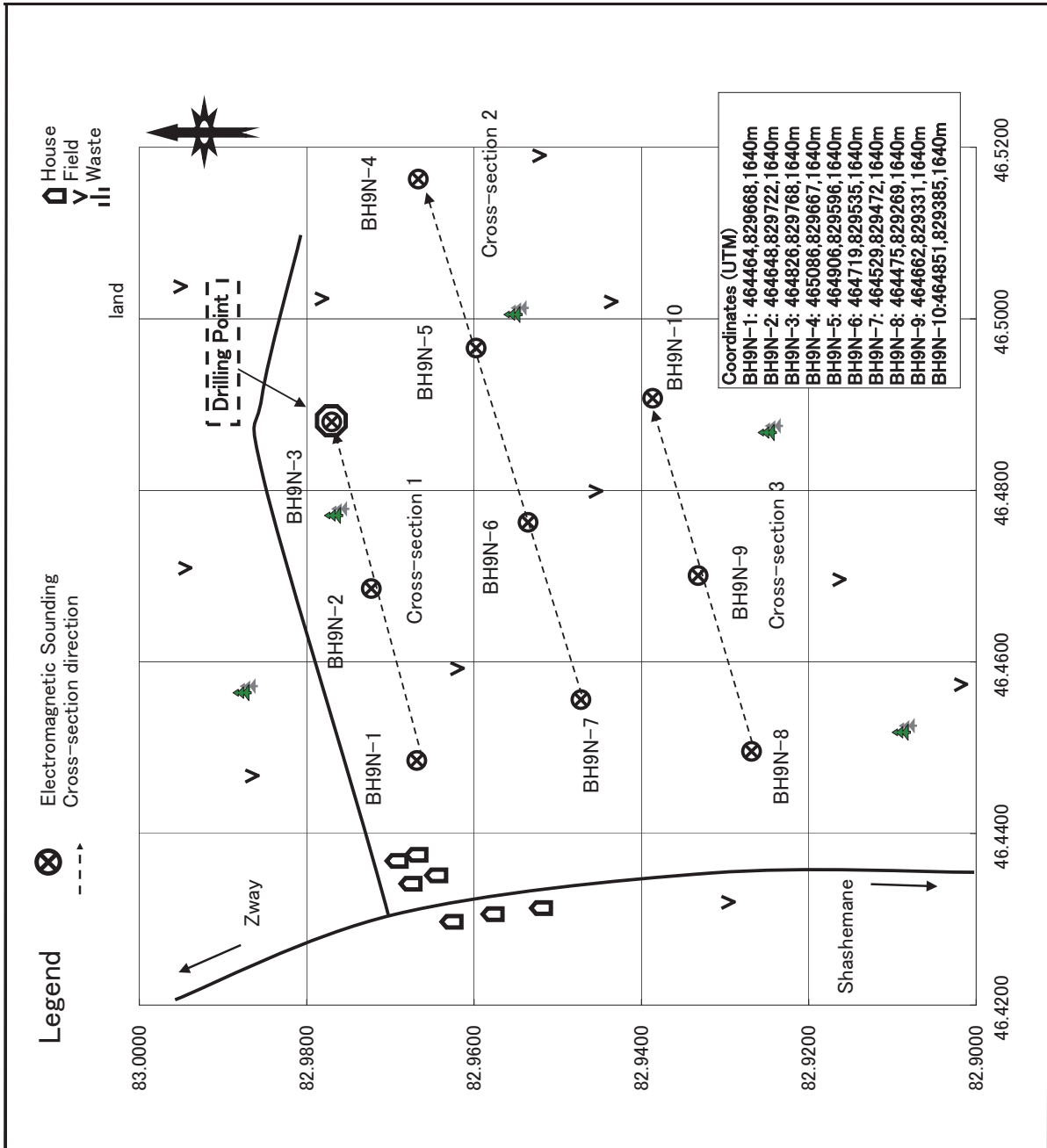
Practical training of TEM (WS)



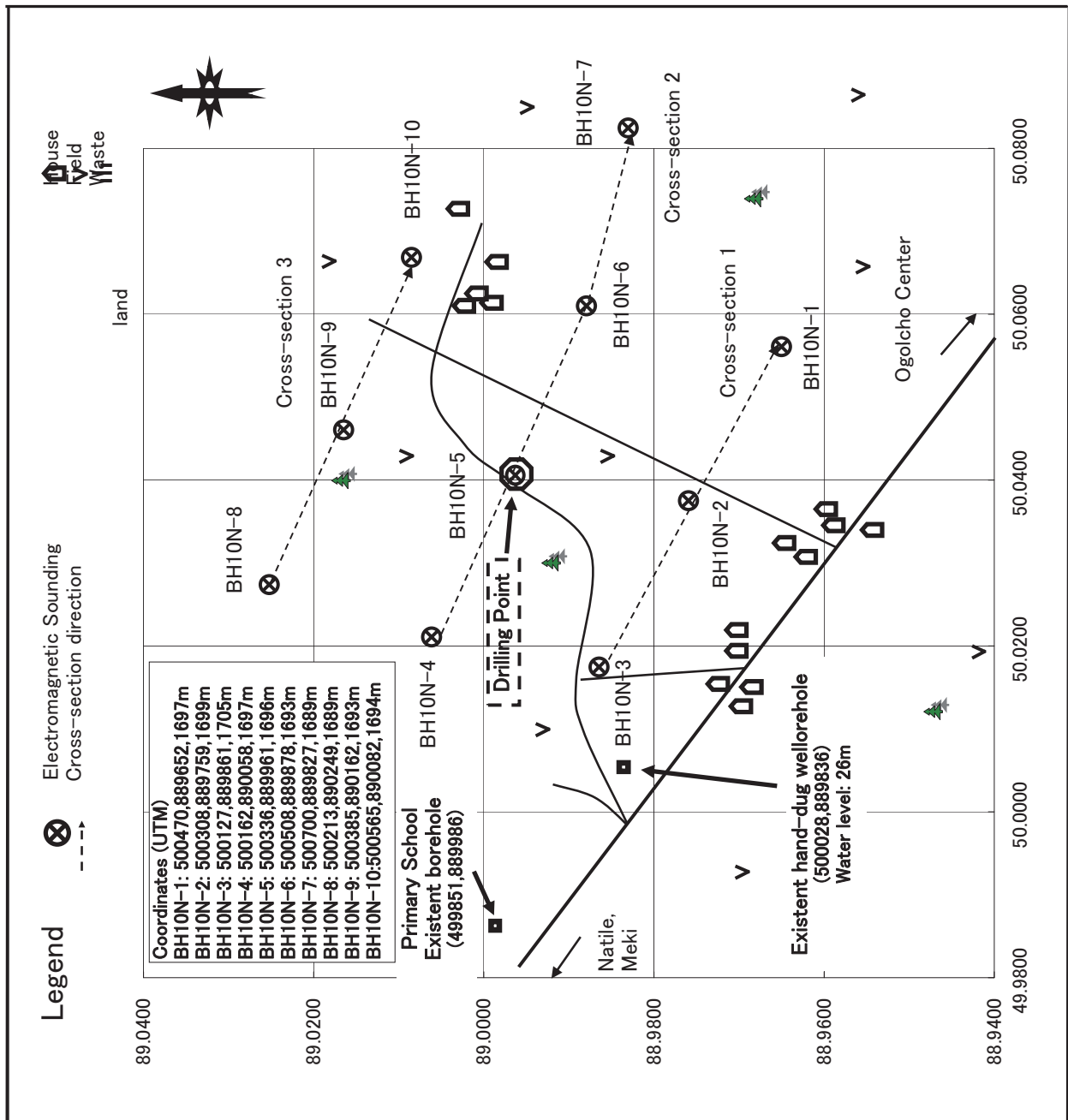
Practical training of TEM (WS)



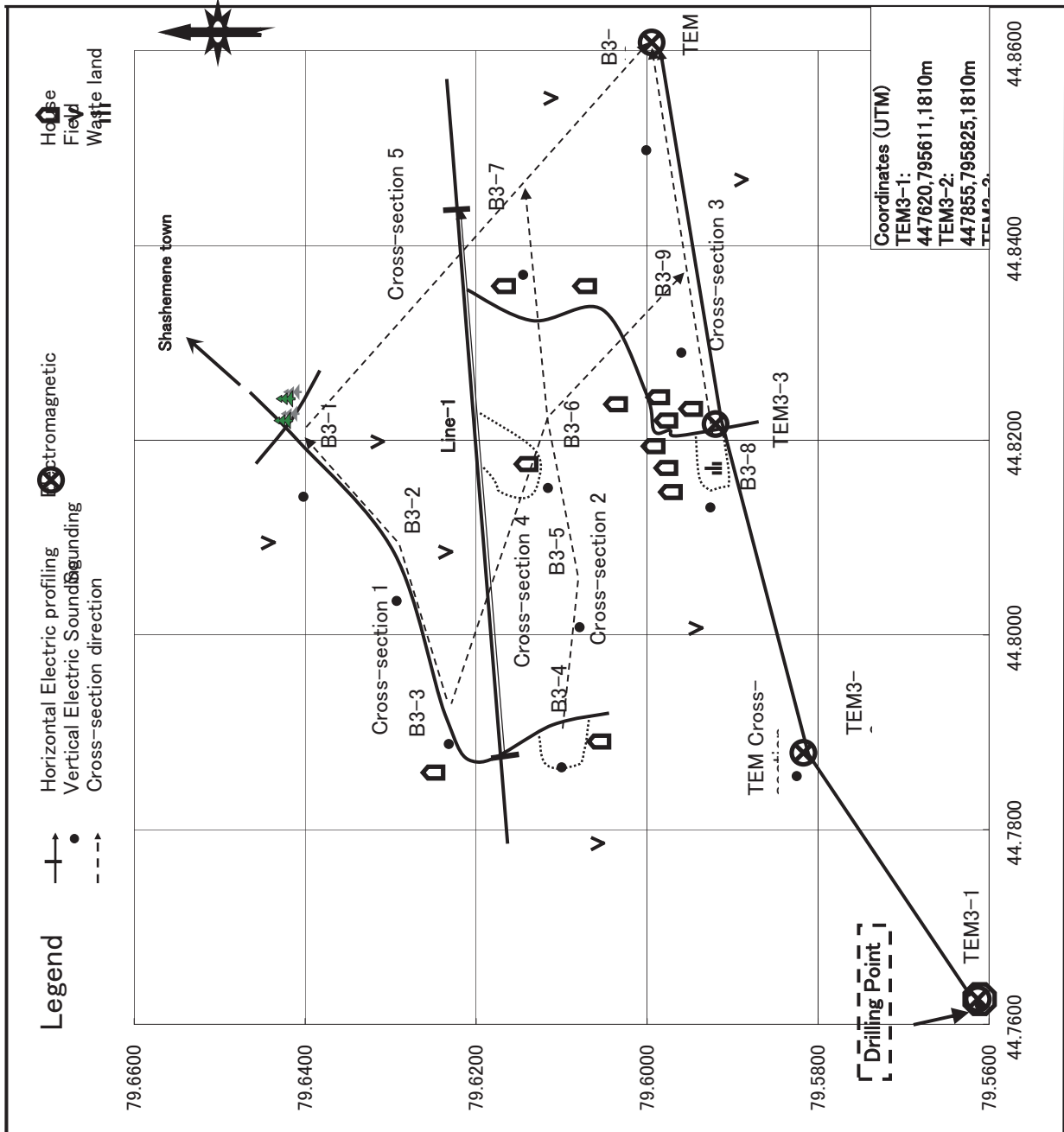
Training of the data analysis (WS)



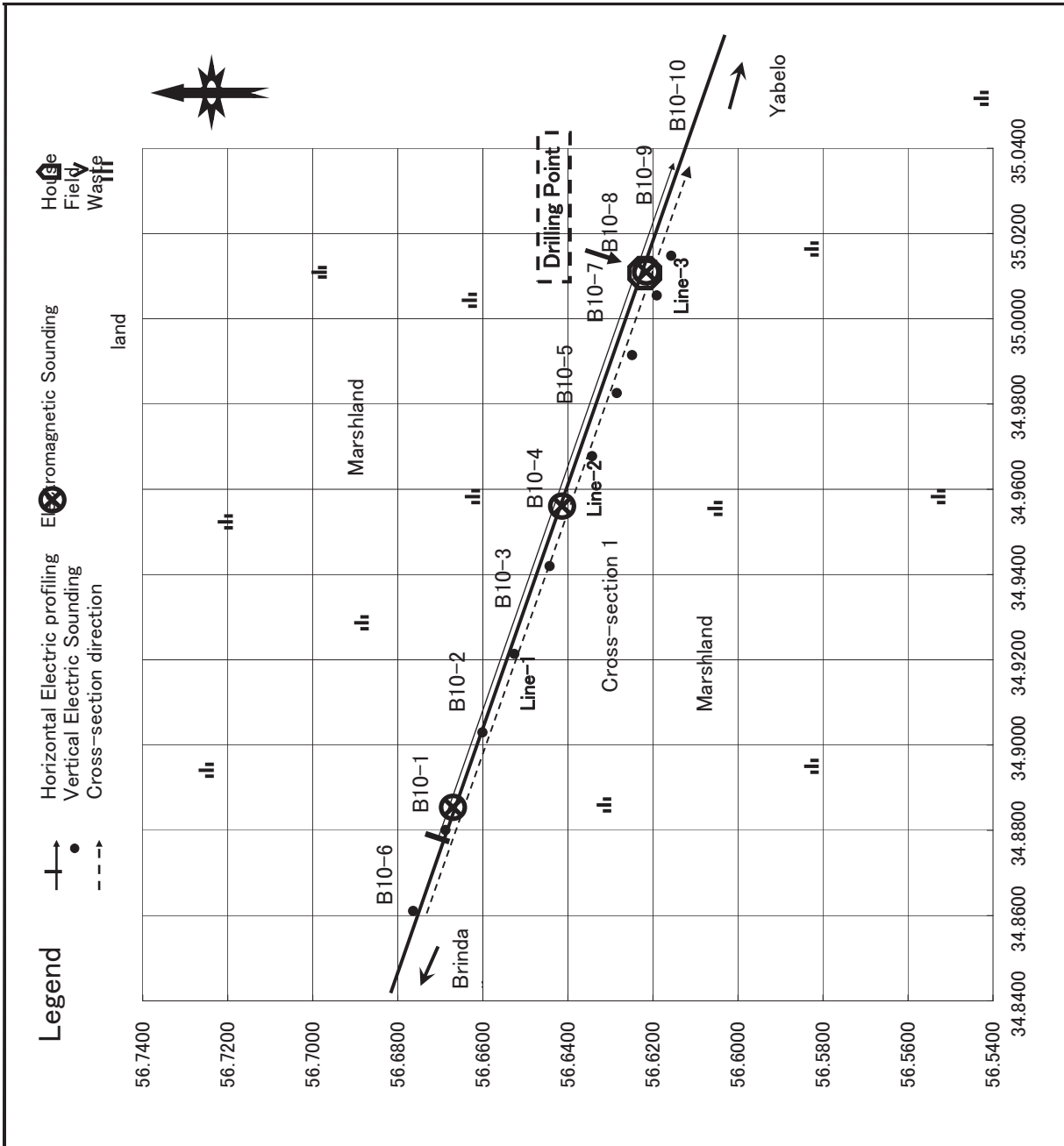
データ 4.2.2 TEM探査の測点と測線位置図 (RVS BH-9N : Hadda Bosso/Dole)



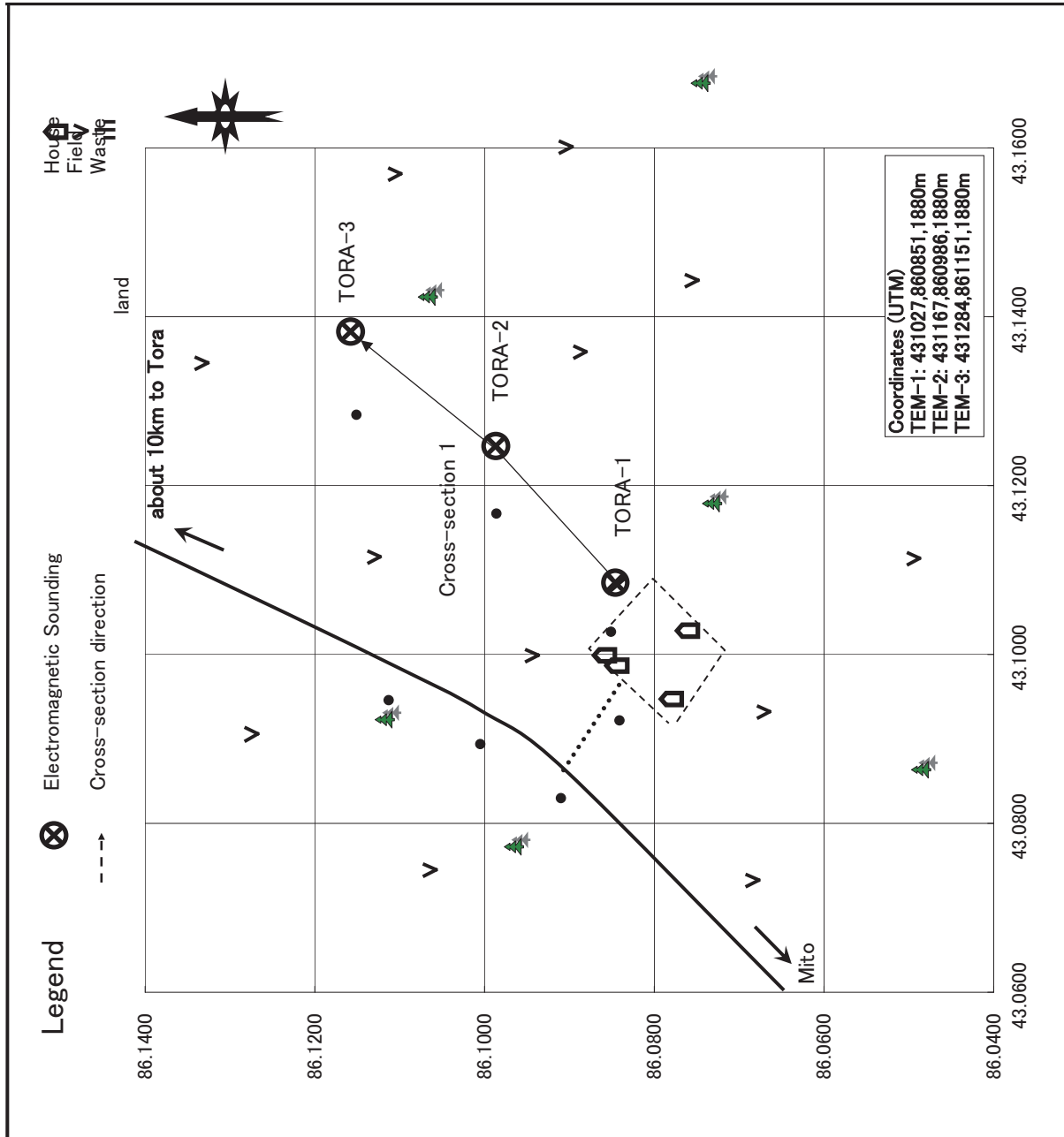
データ 4.2.2 TEM探査の測点と測線位置図 (RVS BH-10N : Ubo Bericca/Ogolcho)



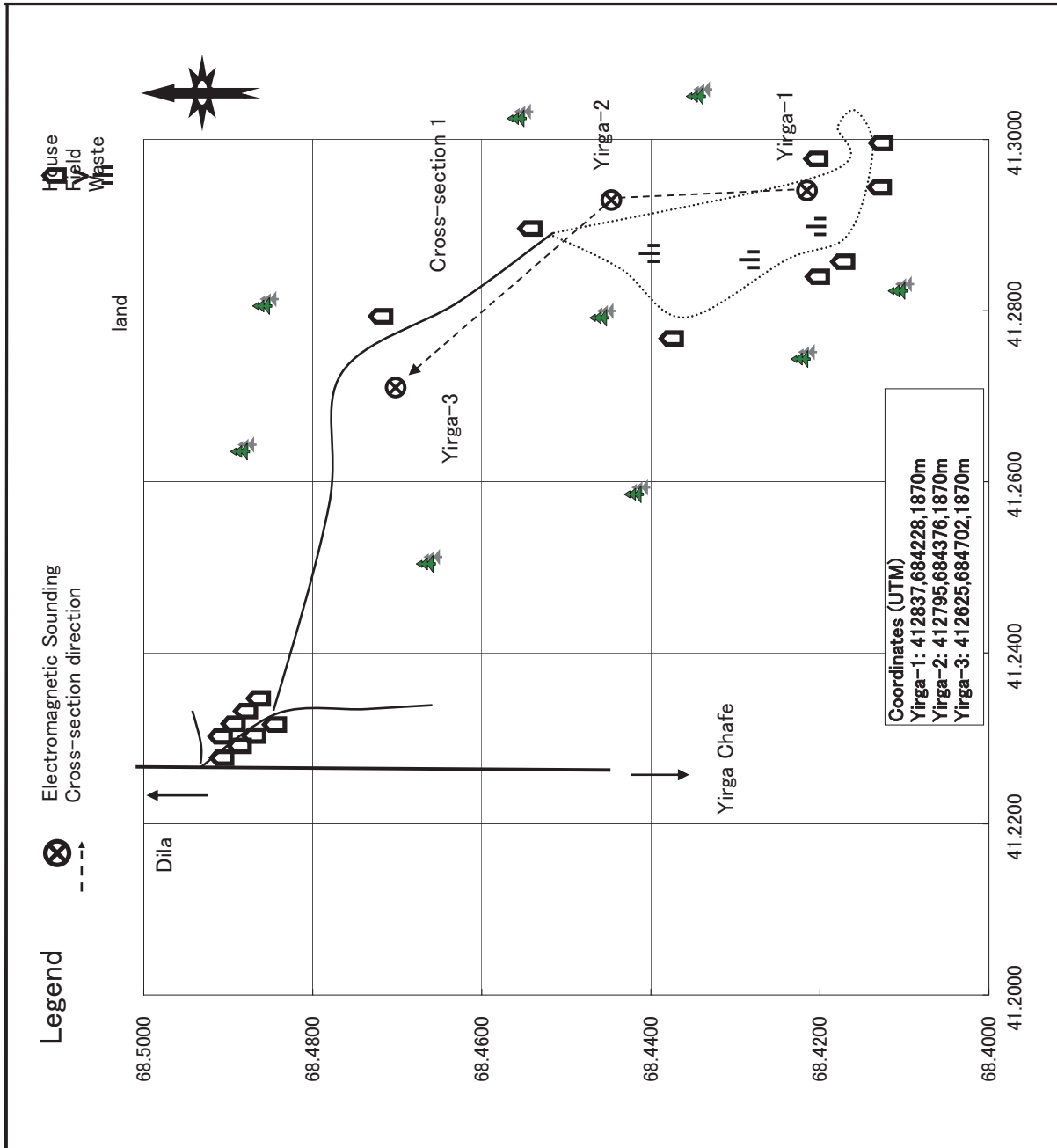
データ 4.2.2 TEM探査の測点と測線位置図 (RVS BH-3 Meja Dema)



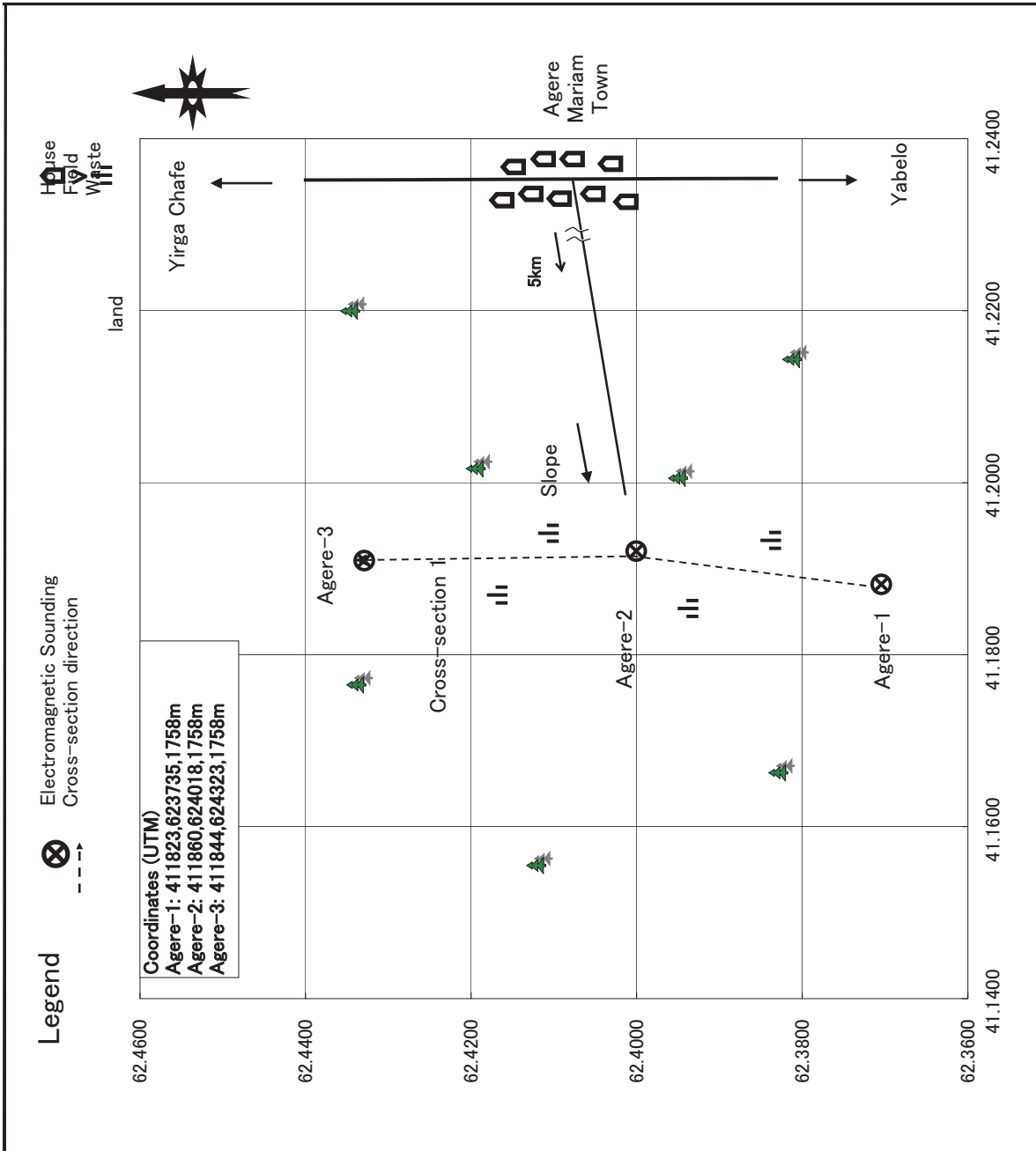
データ 4.2.2 TEM探査の測点と測線位置図 (RVS BH-10 : Brindar)



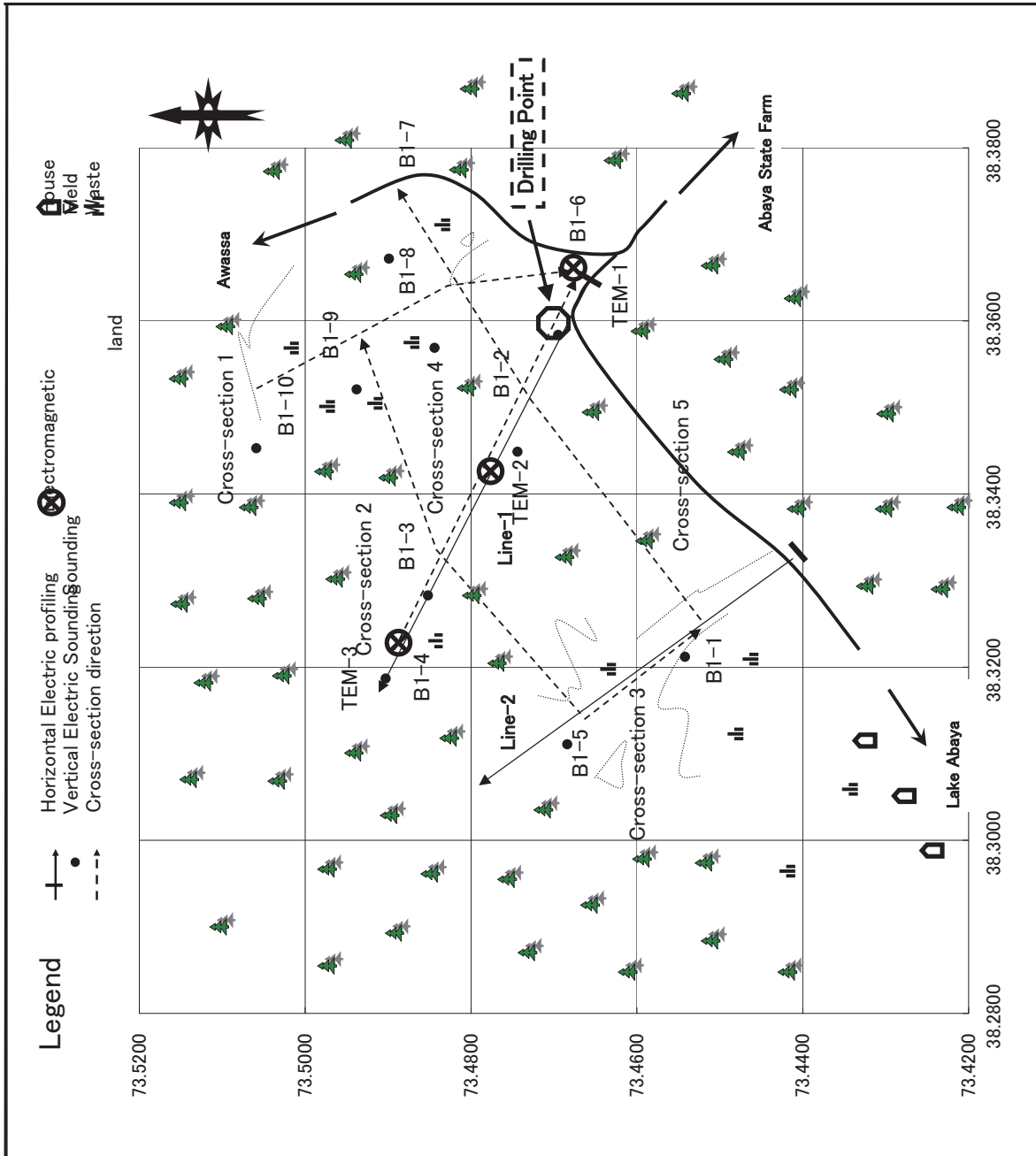
データ 4.2.2 TEM探査の測点と測線位置図 (Tora area Meded Gageboo/Anshebeso Kuchi)



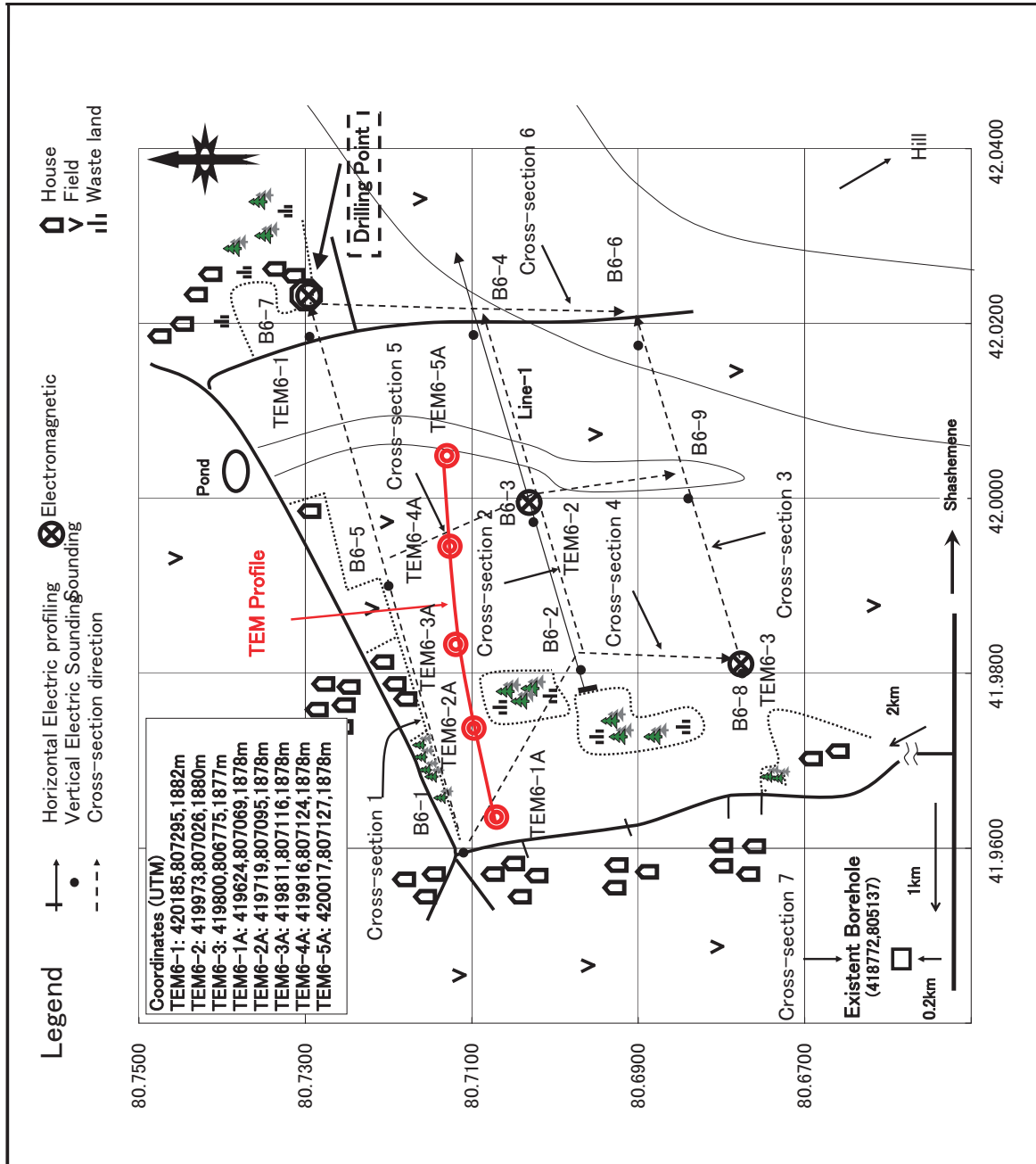
データ 4.2.2 TEM探査の測点と測線位置図 (Yirga Chafe area Budukisa/Worago)



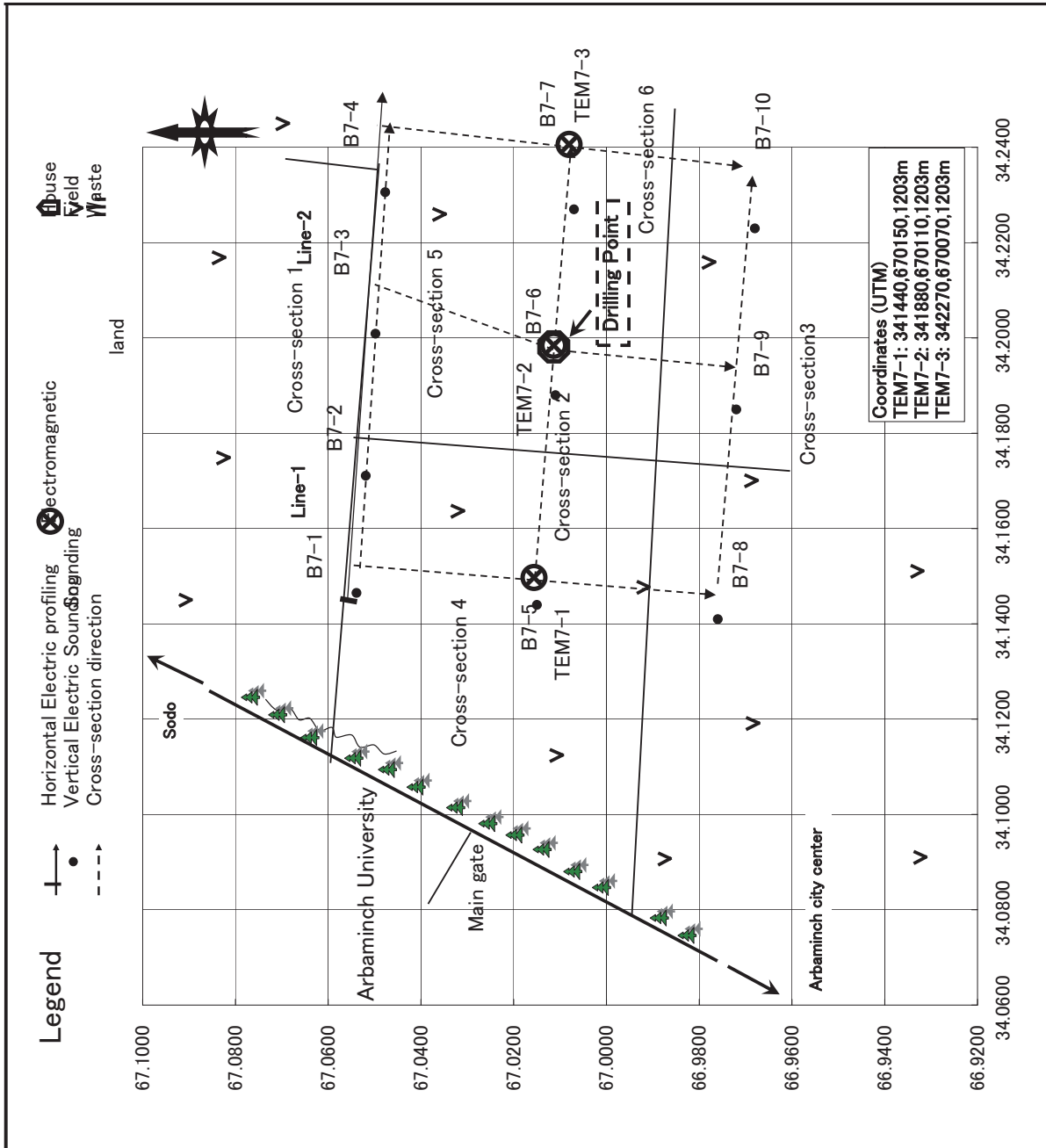
データ 4.2.2 TEM探査の測点と測線位置図 (Agere Mariam area, Bule Kagna)



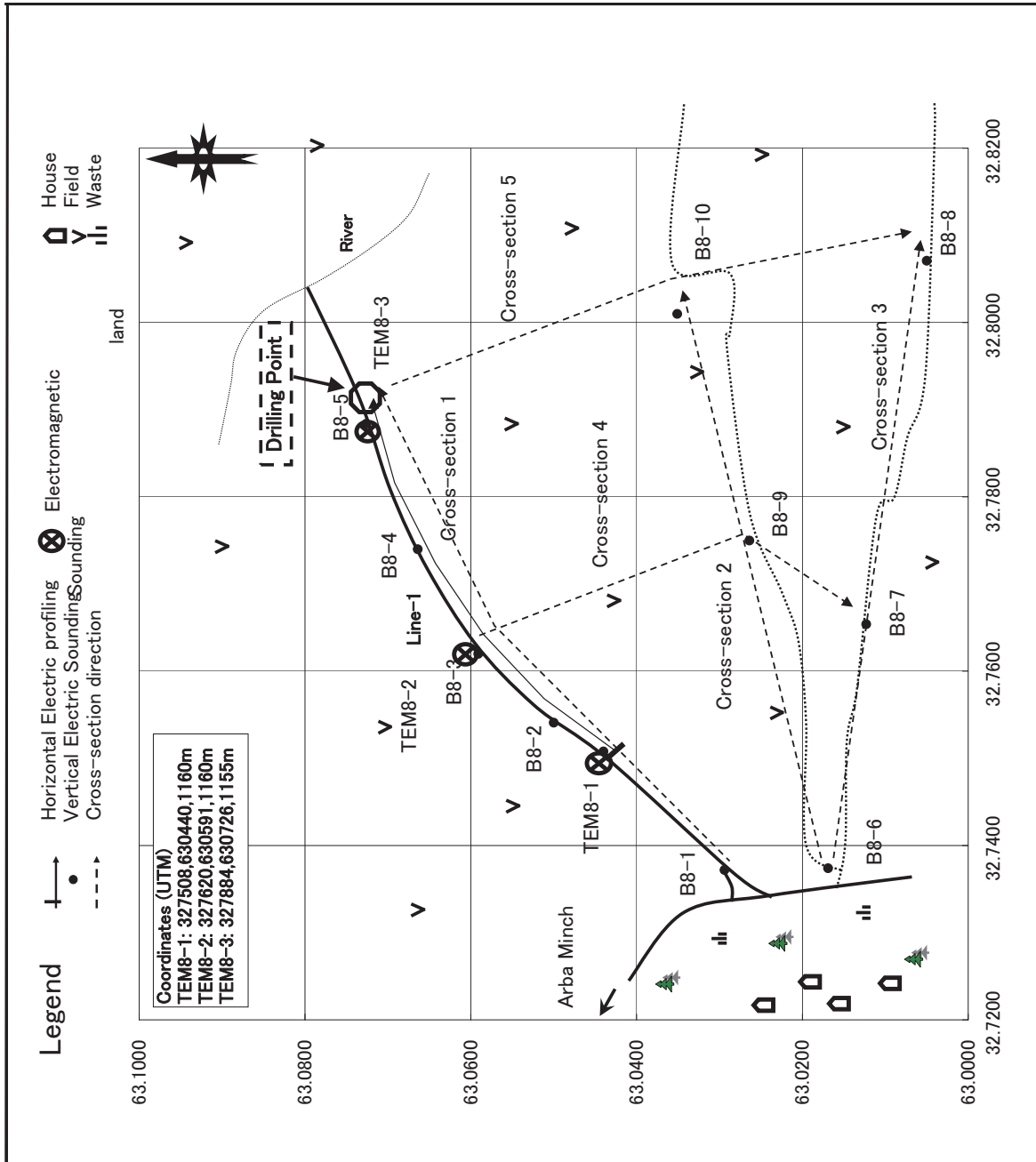
データ 4.2.2 TEM探査の測点と測線位置図 (RVS BH-1 : Abaya Chokane)



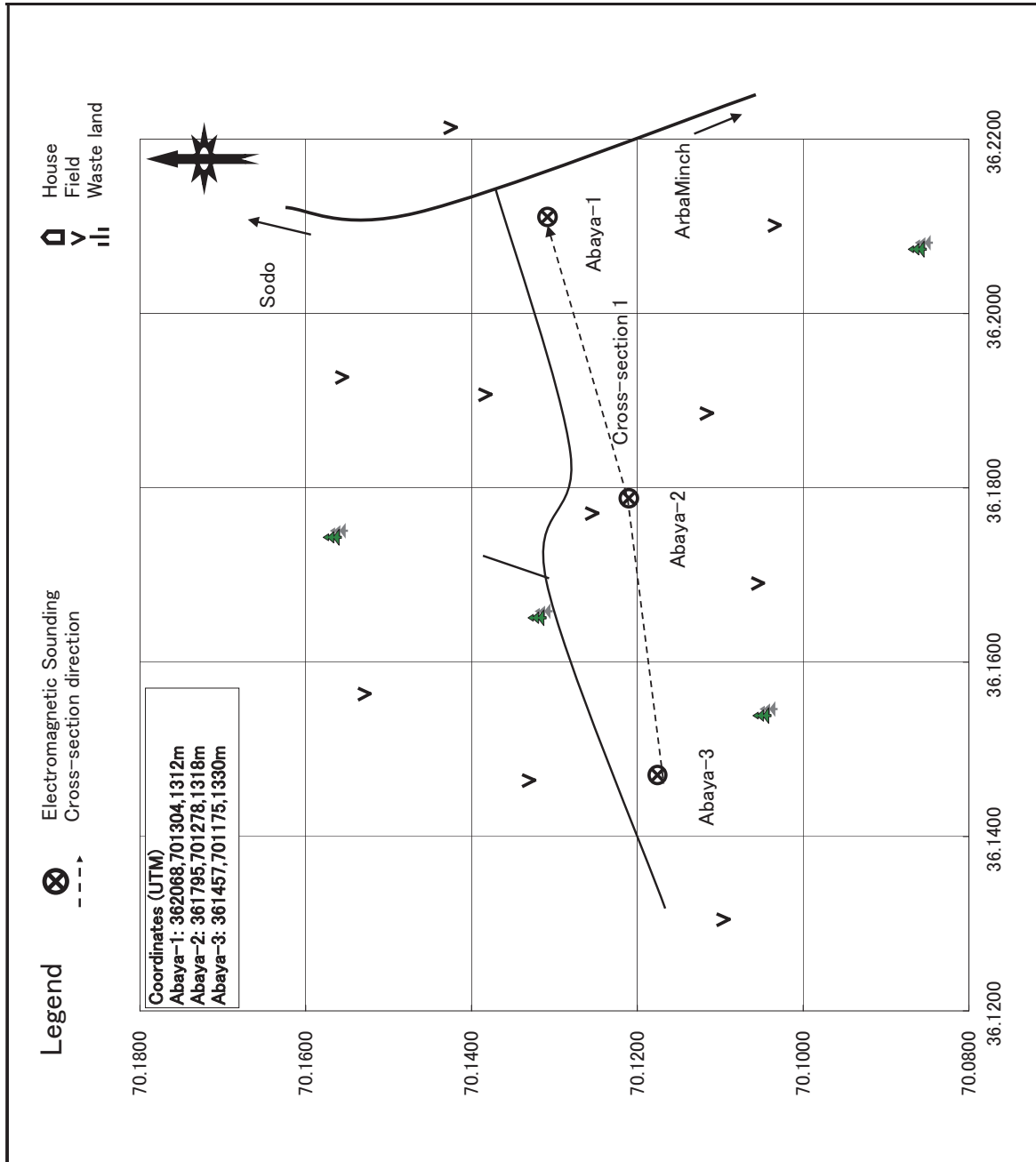
データ 4.2.2 TEM探査の測点と測線位置図 (RVS BH-6 : Yeye Alaba/Lajo)



データ 4.2.2 TEM探査の測点と測線の位置図 (RVS BH-7 : Waz/Arbaminch)

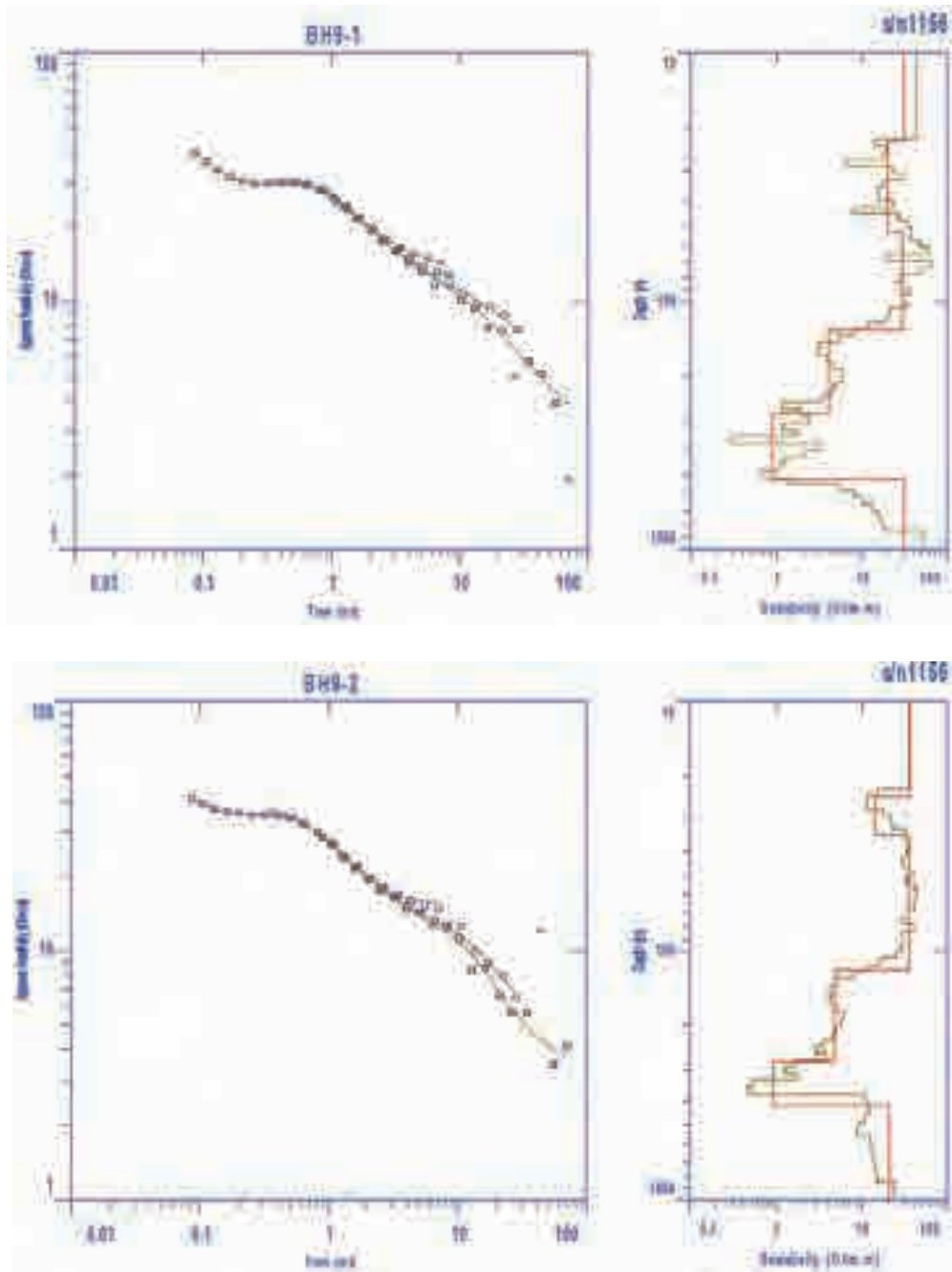


データ 4.2.2 TEM探査の測点と測線の位置図 (RVS BH-8 : Walesa)

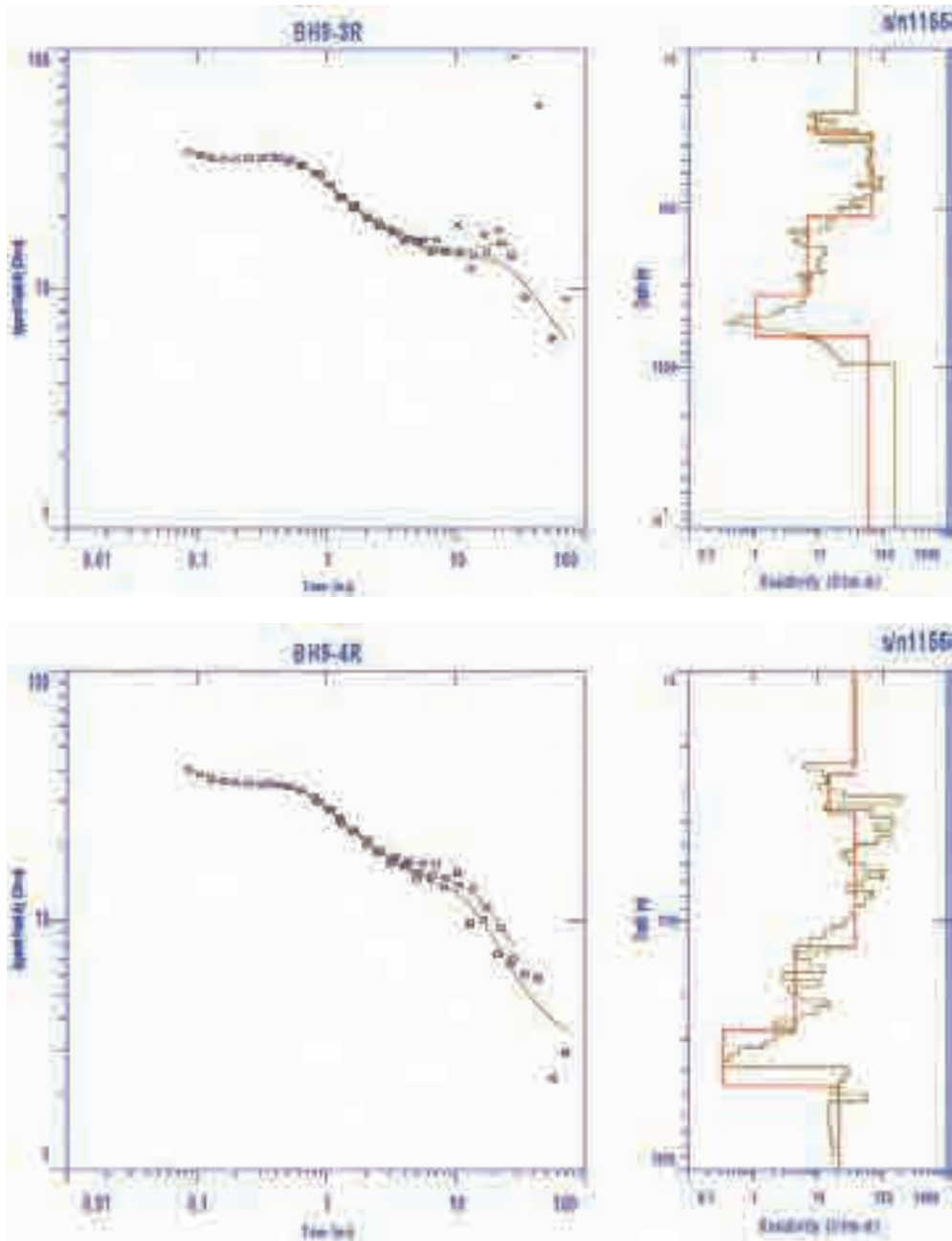


データ 4.2.2 TEM探査の測点と測線位置図 (Mirab Abaya area, Fetie Doronje)

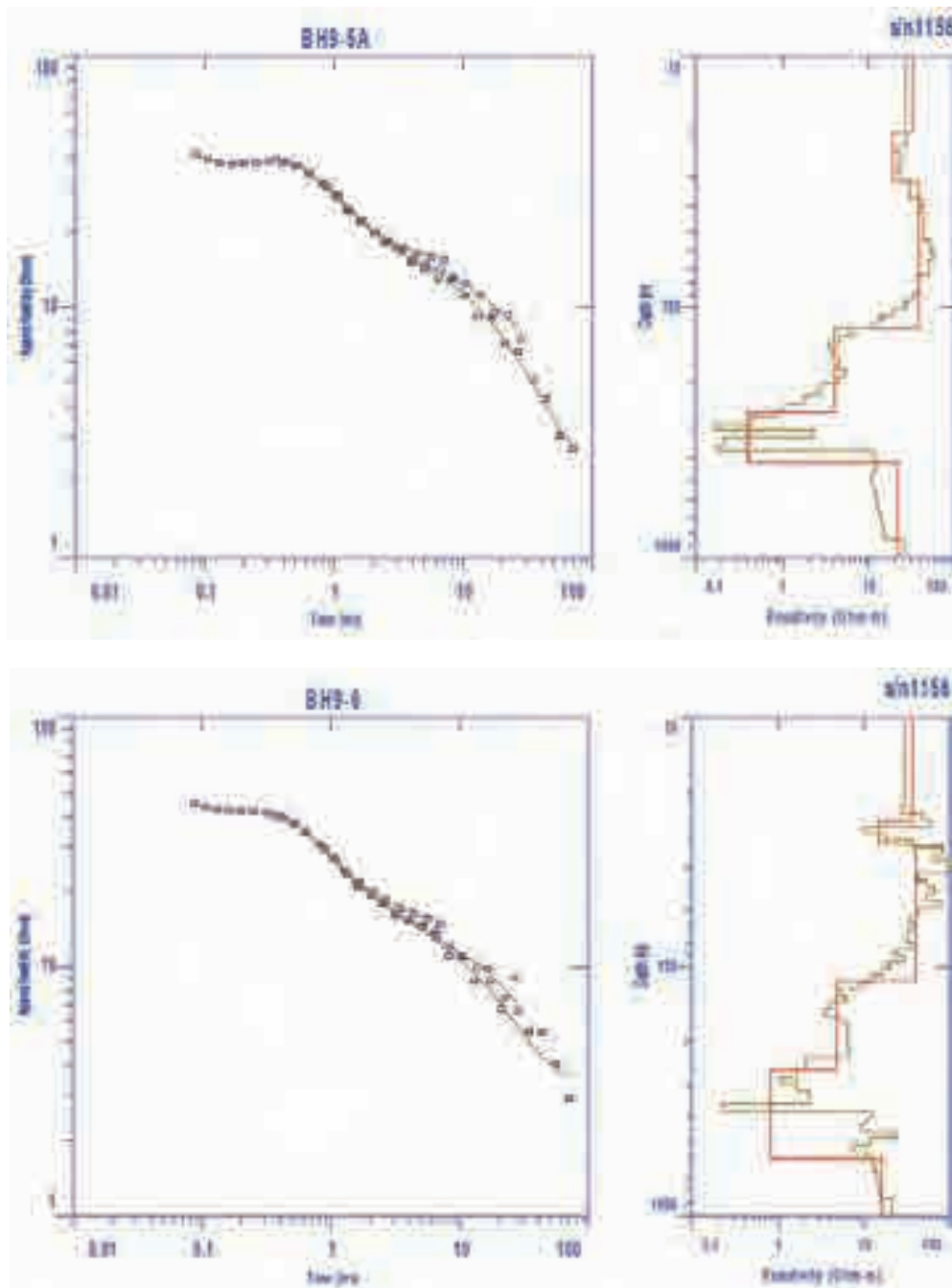
RVS BH-9N



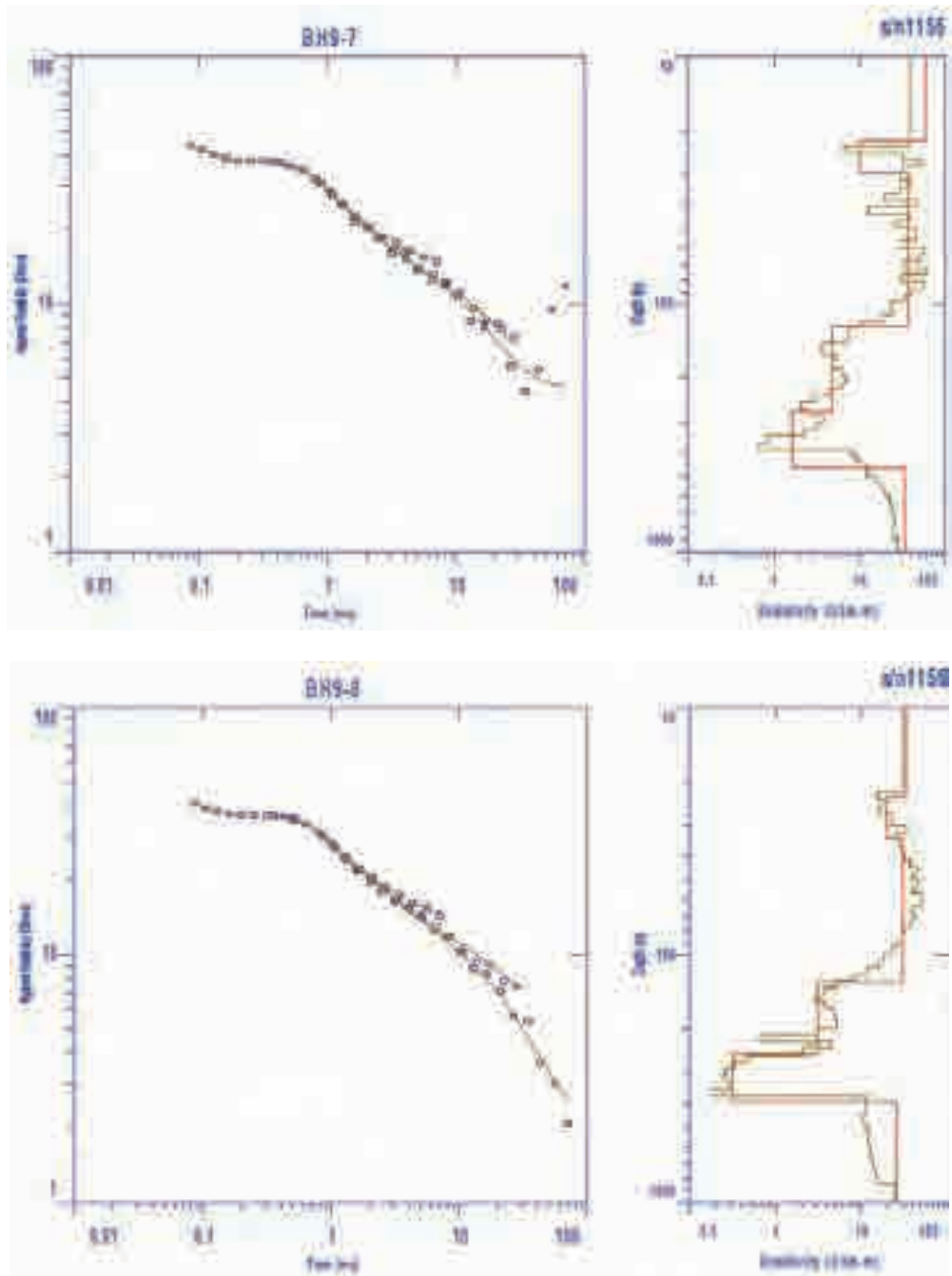
データ 4.2.3 TEM データ解析結果 (1/28)



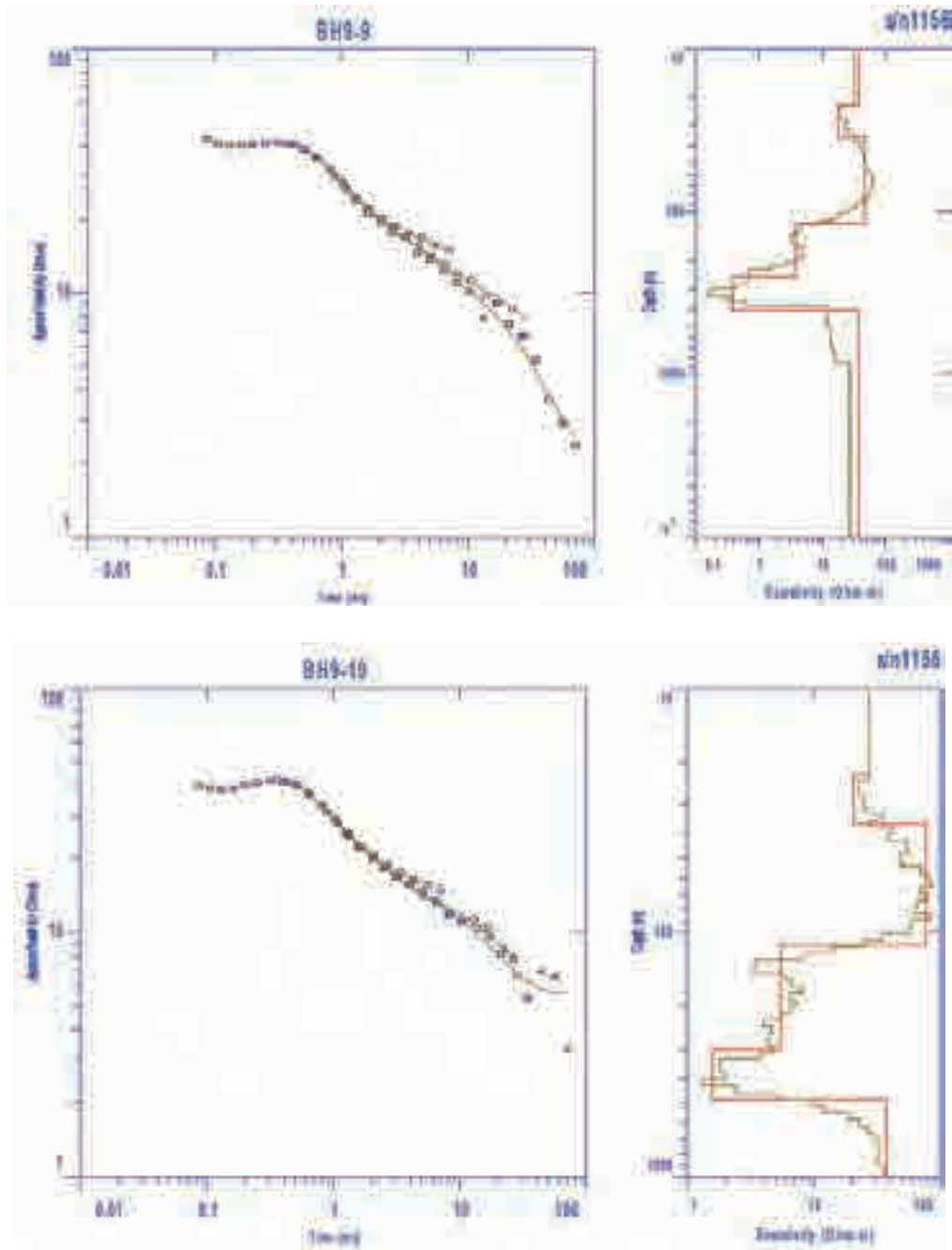
データ 4.2.3 TEM データ解析結果 (2/28)



データ 4.2.3 TEM データ解析結果 (3/28)

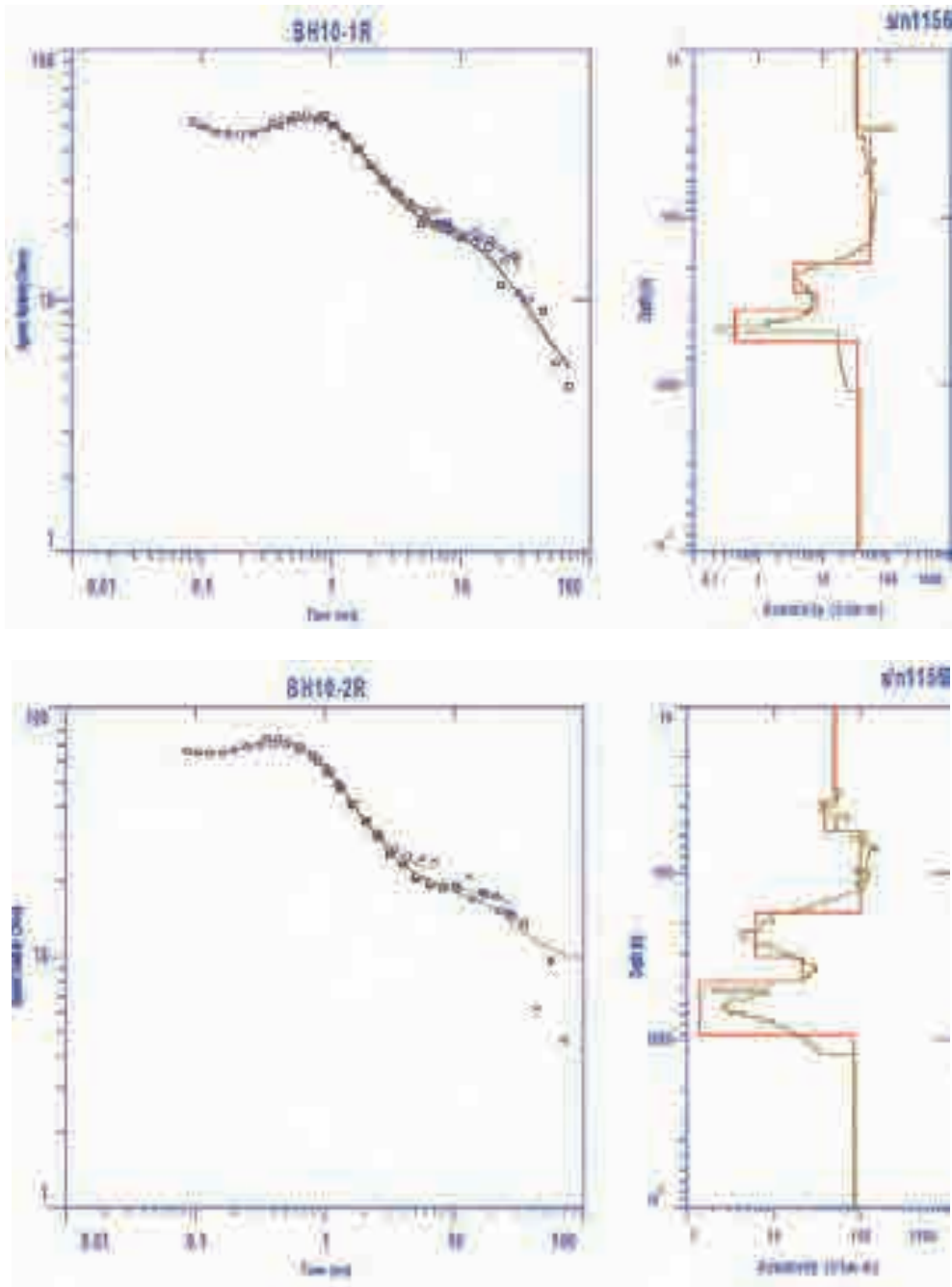


データ 4.2.3 TEM データ解析結果 (4/28)

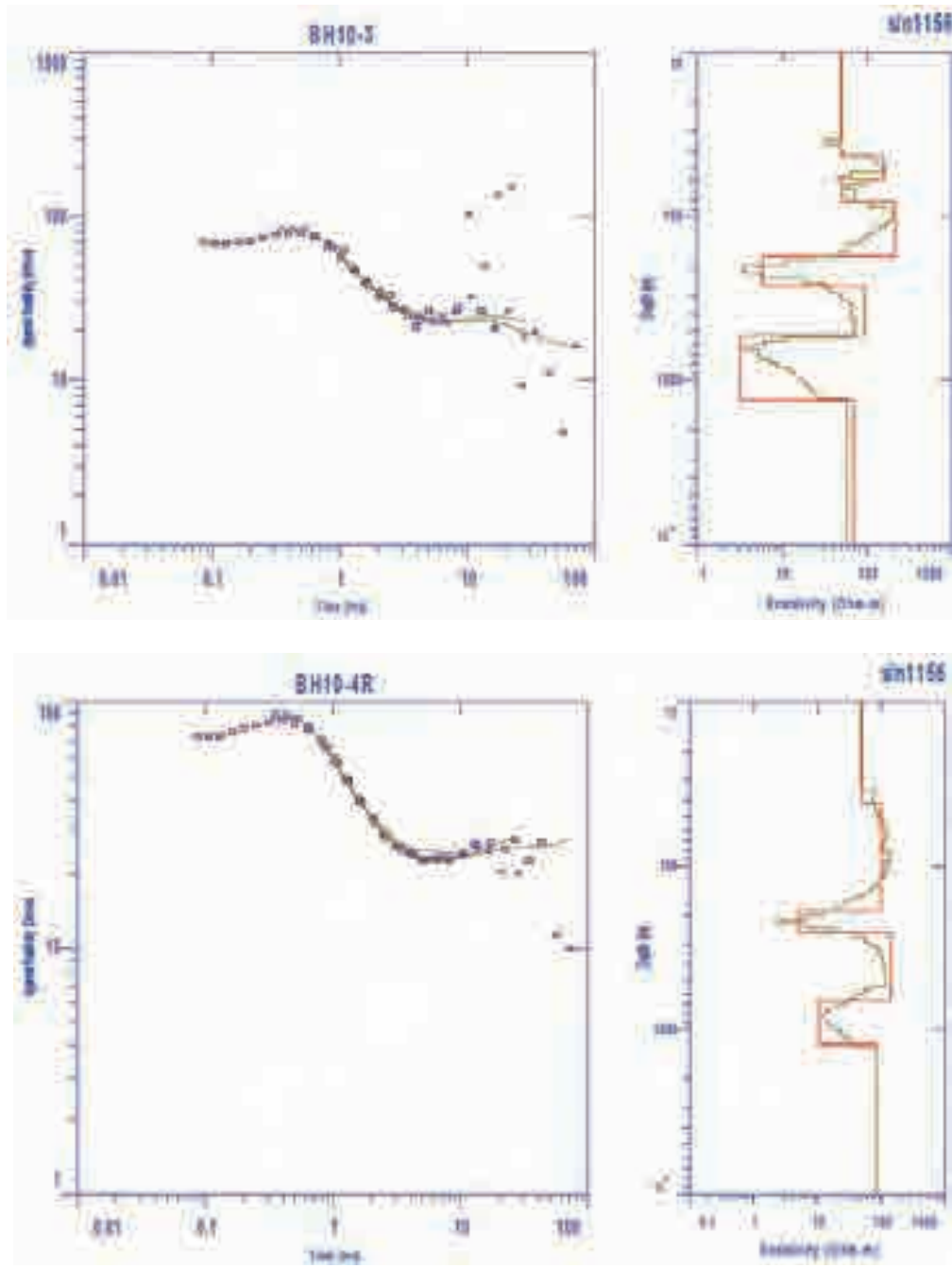


データ 4.2.3 TEM データ解析結果 (5/28)

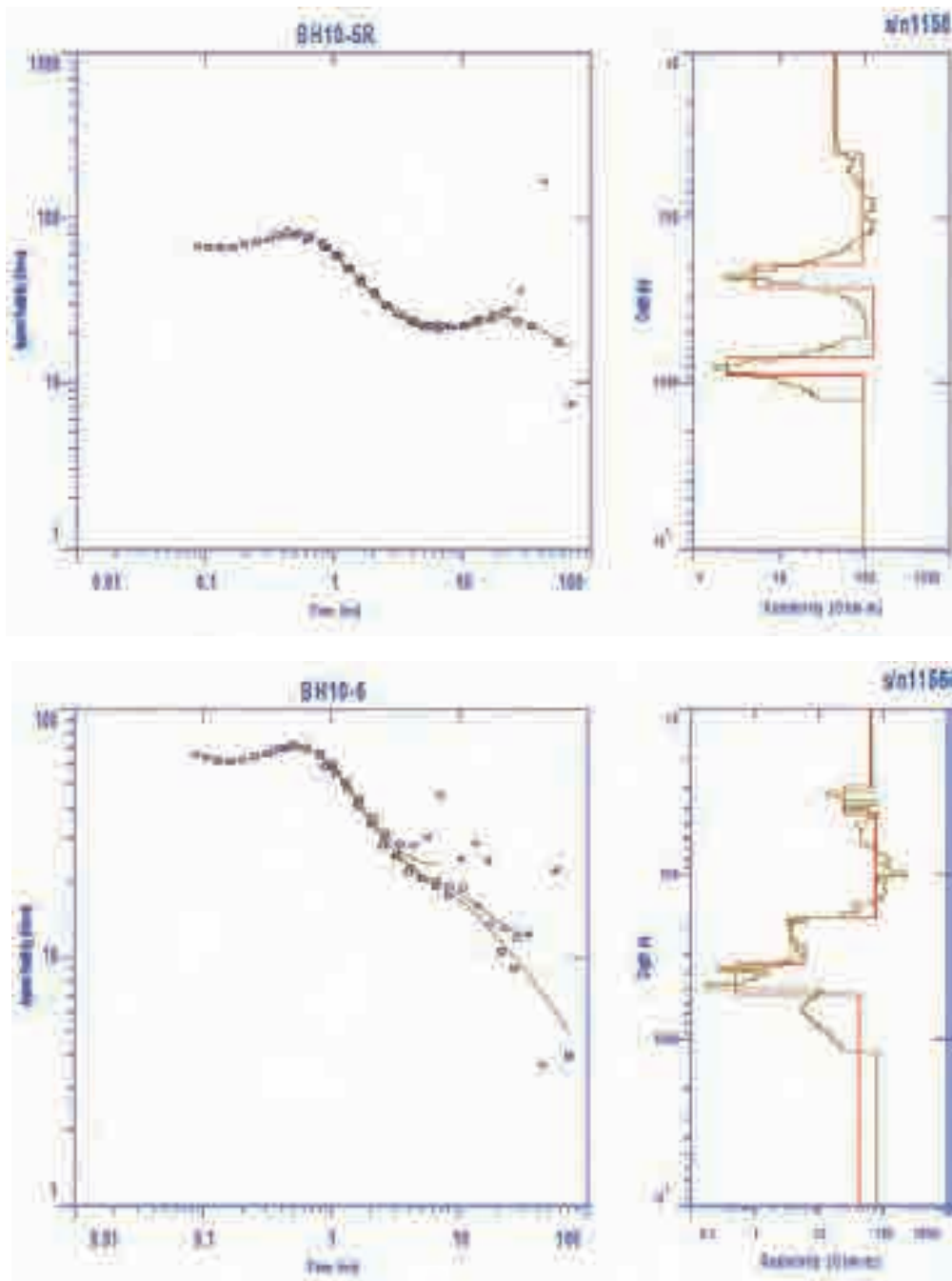
RVS BH-10N



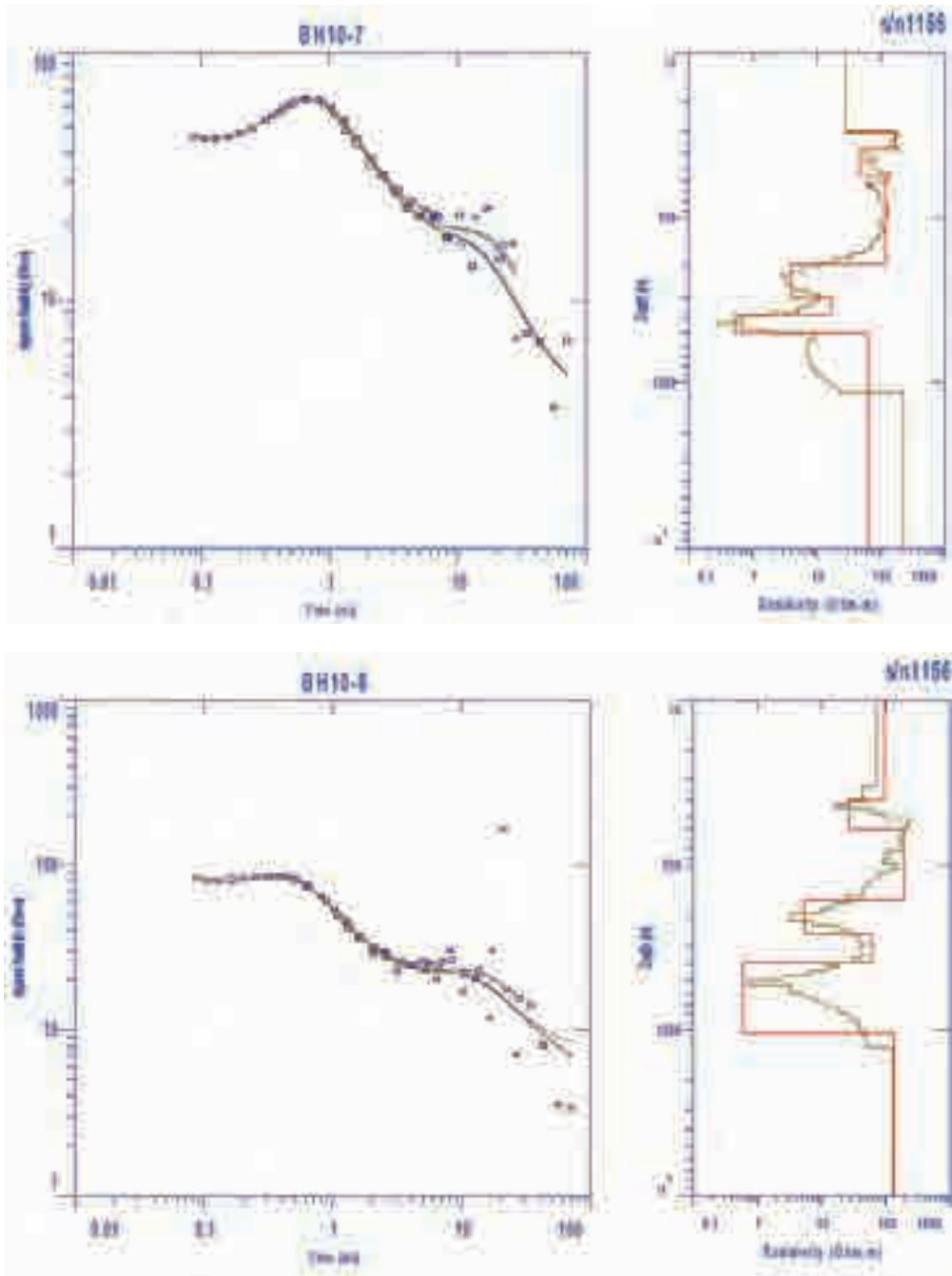
データ 4.2.3 TEM データ解析結果 (6/28)



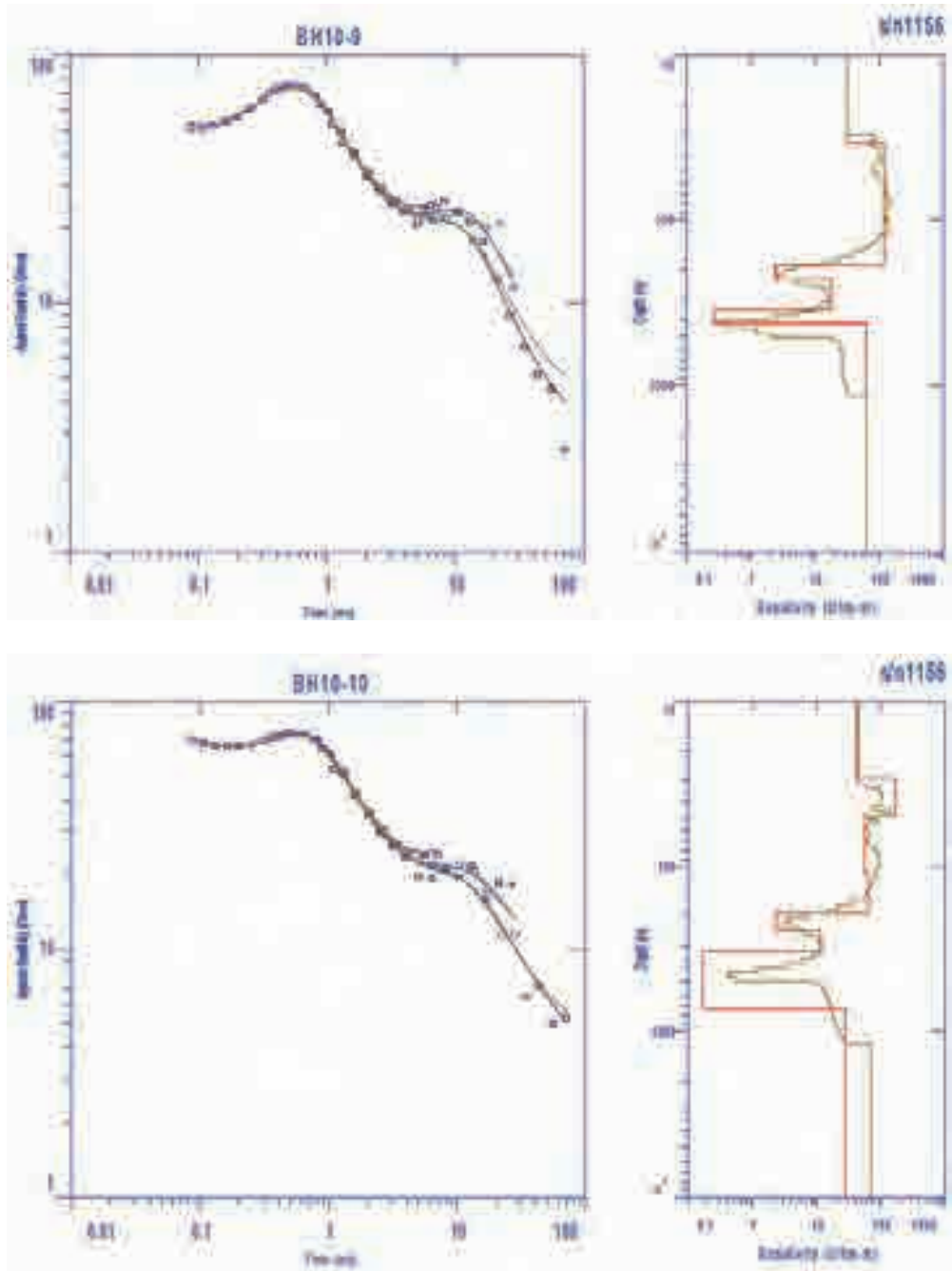
データ 4.2.3 TEM データ解析結果 (7/28)



データ 4.2.3 TEM データ解析結果 (8/28)

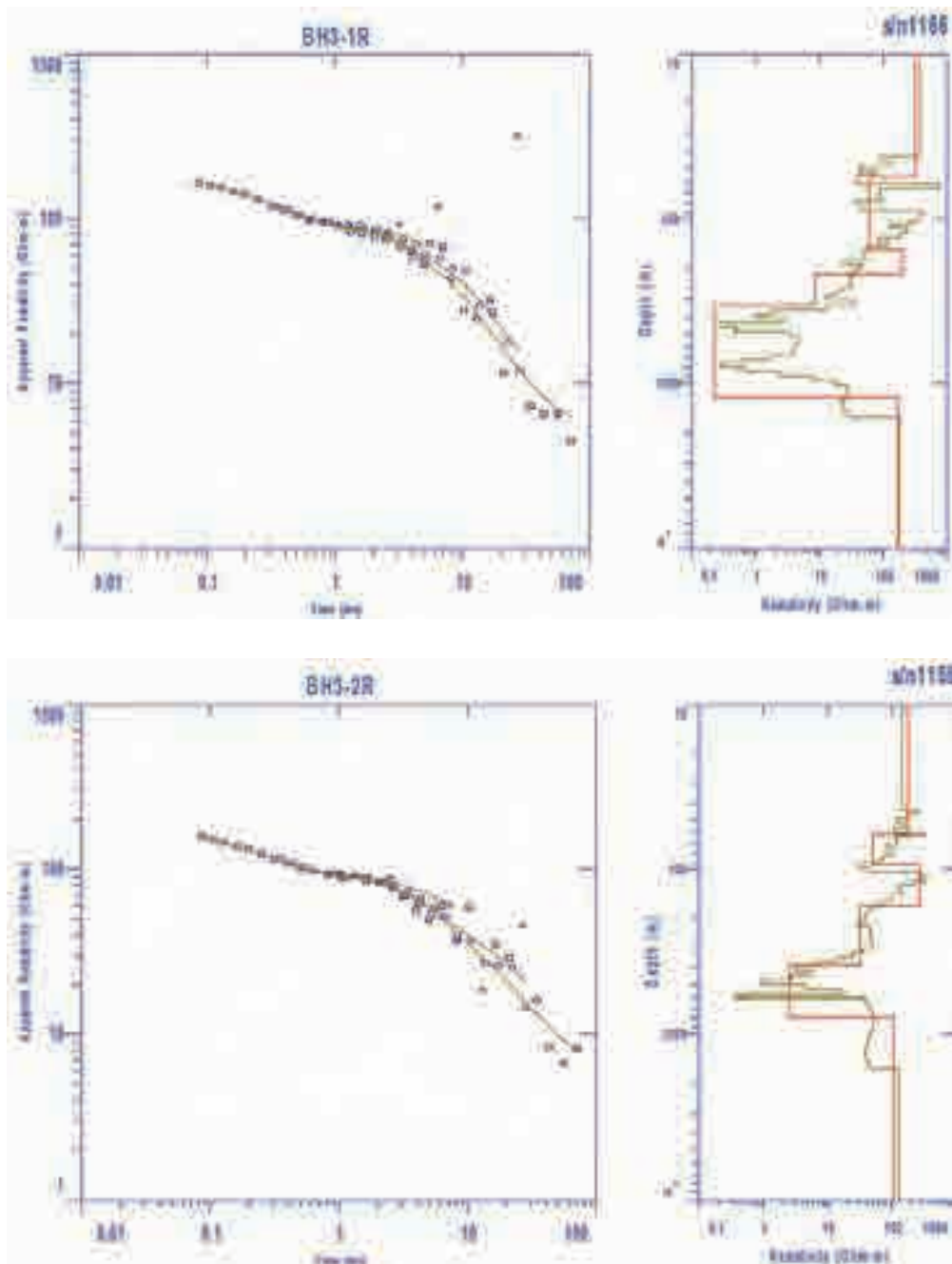


データ 4.2.3 TEM データ解析結果 (9/28)

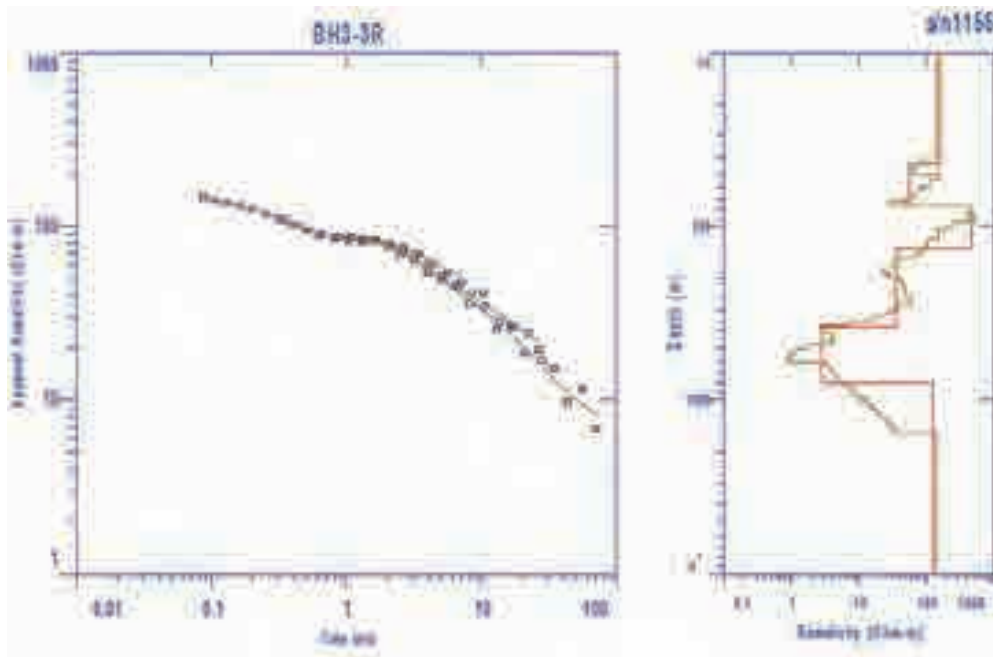


データ 4.2.3 TEM データ解析結果 (10/28)

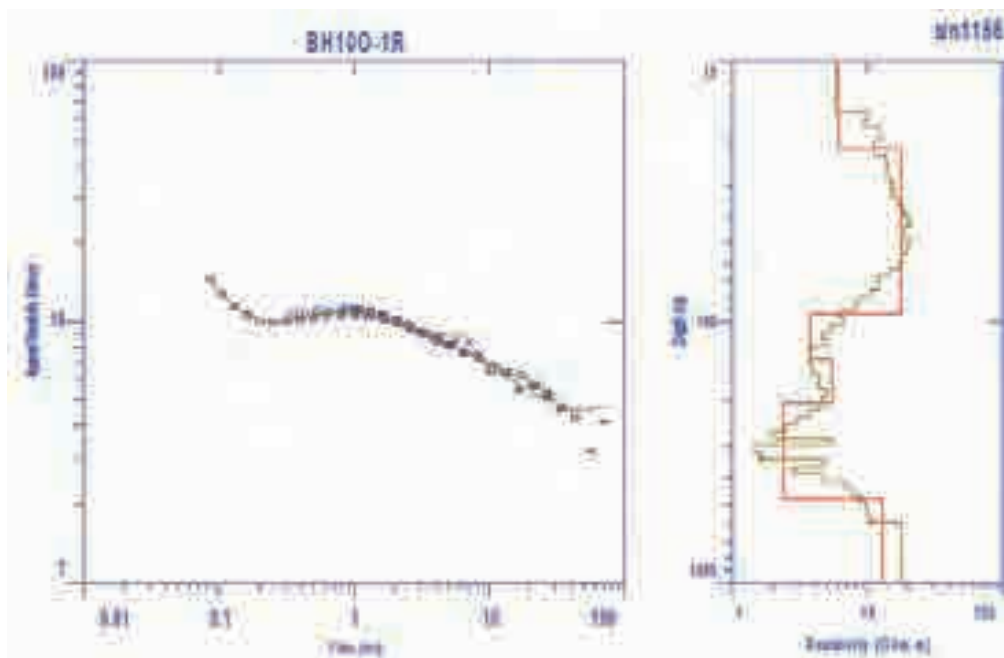
BH3



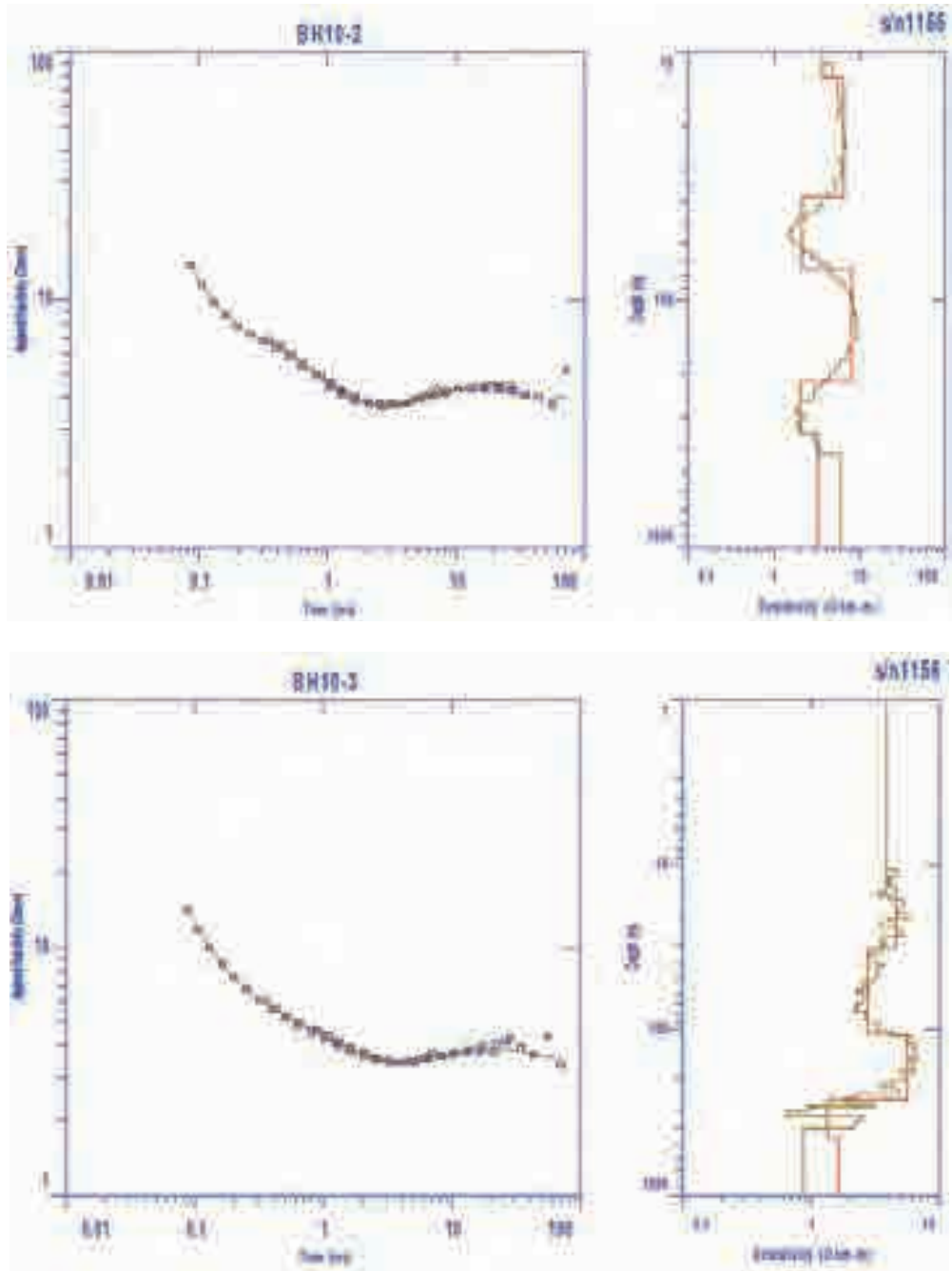
データ 4.2.3 TEM データ解析結果 (11/28)



RVS BH-10

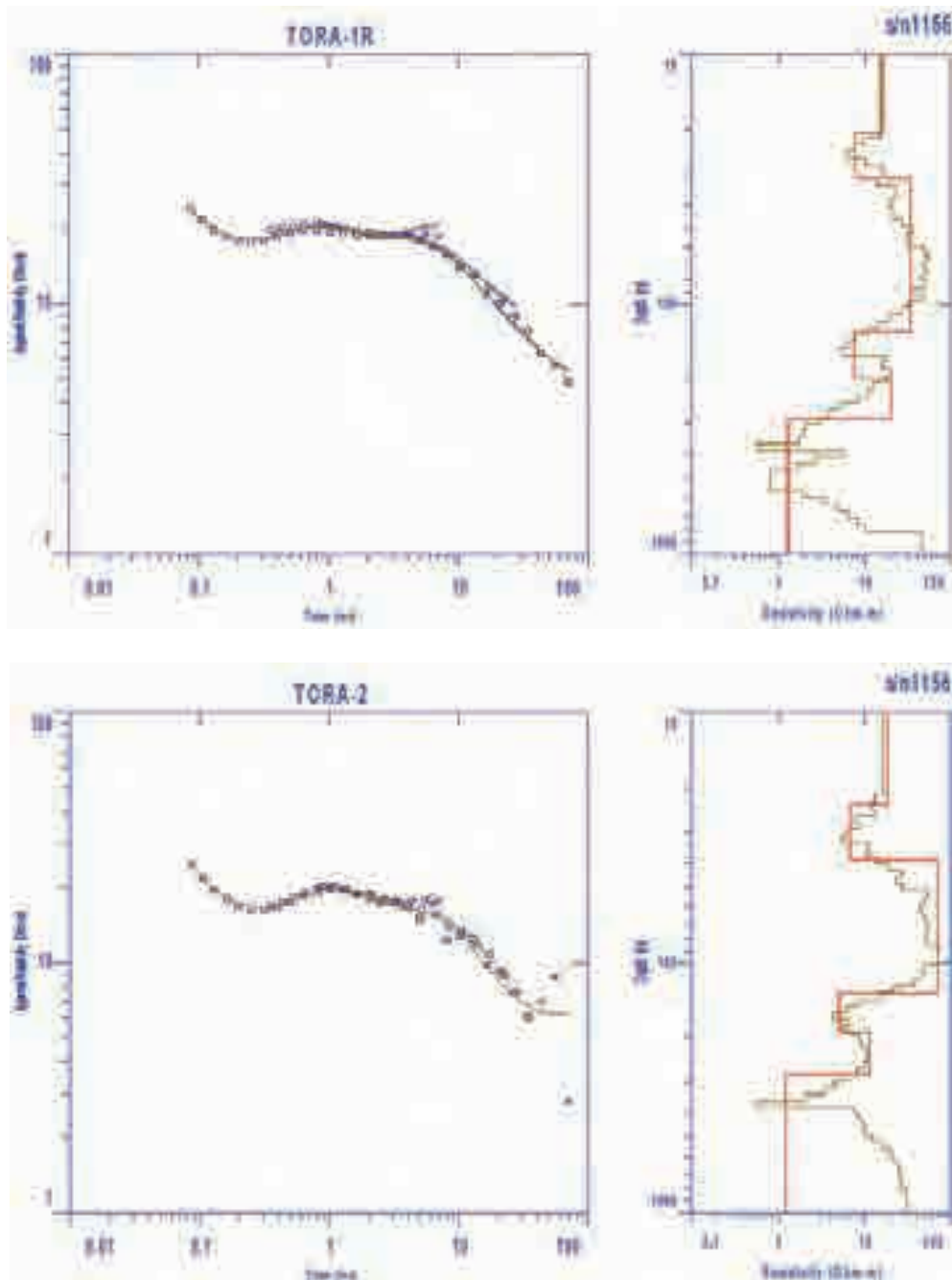


データ 4.2.3 TEM データ解析結果 (12/28)

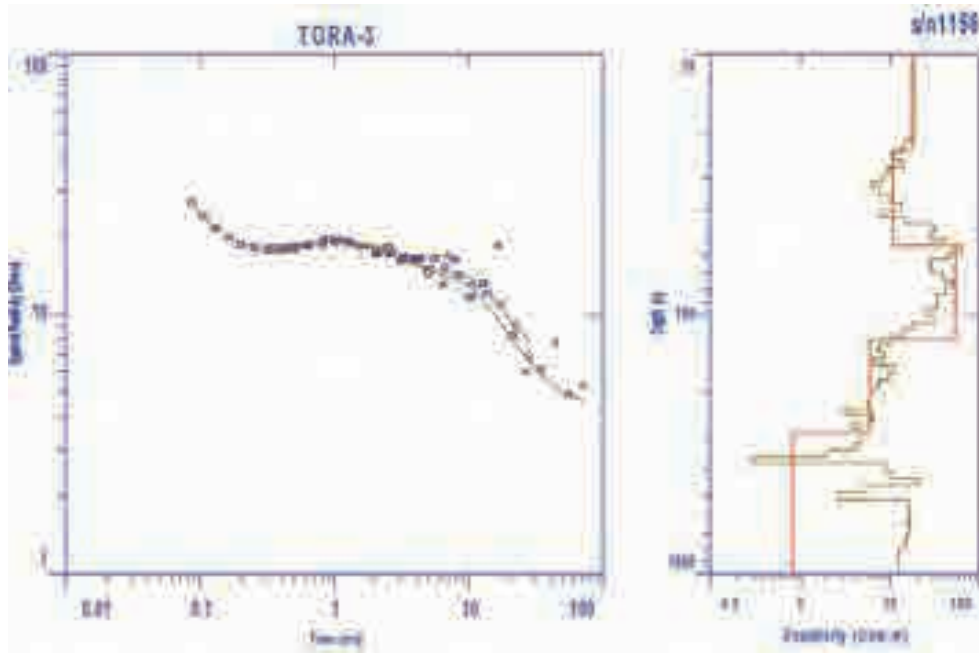


データ 4.2.3 TEM データ解析結果 (13/28)

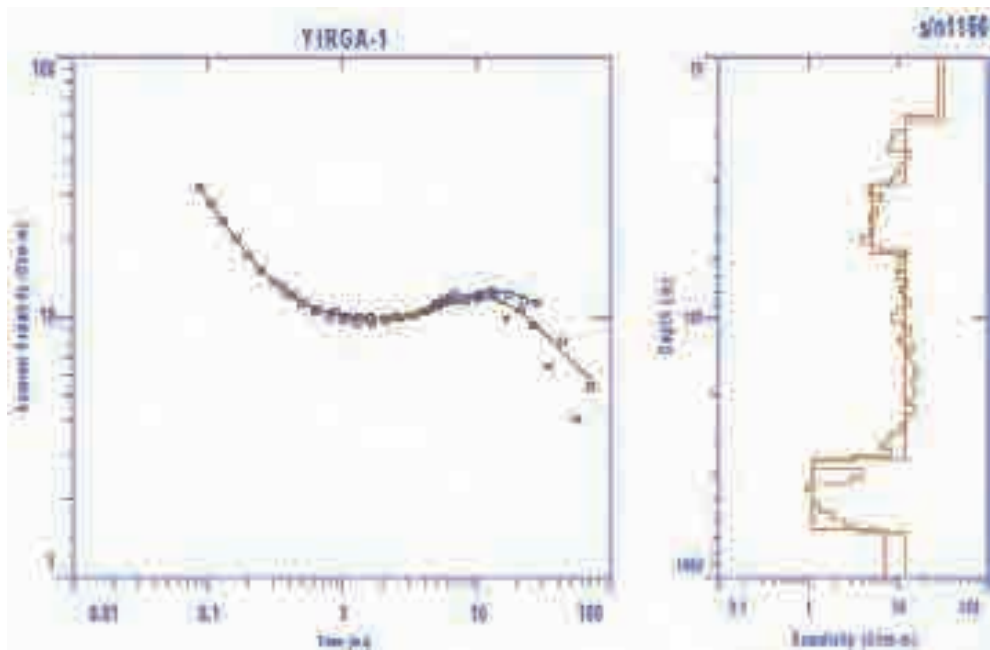
Tora Area



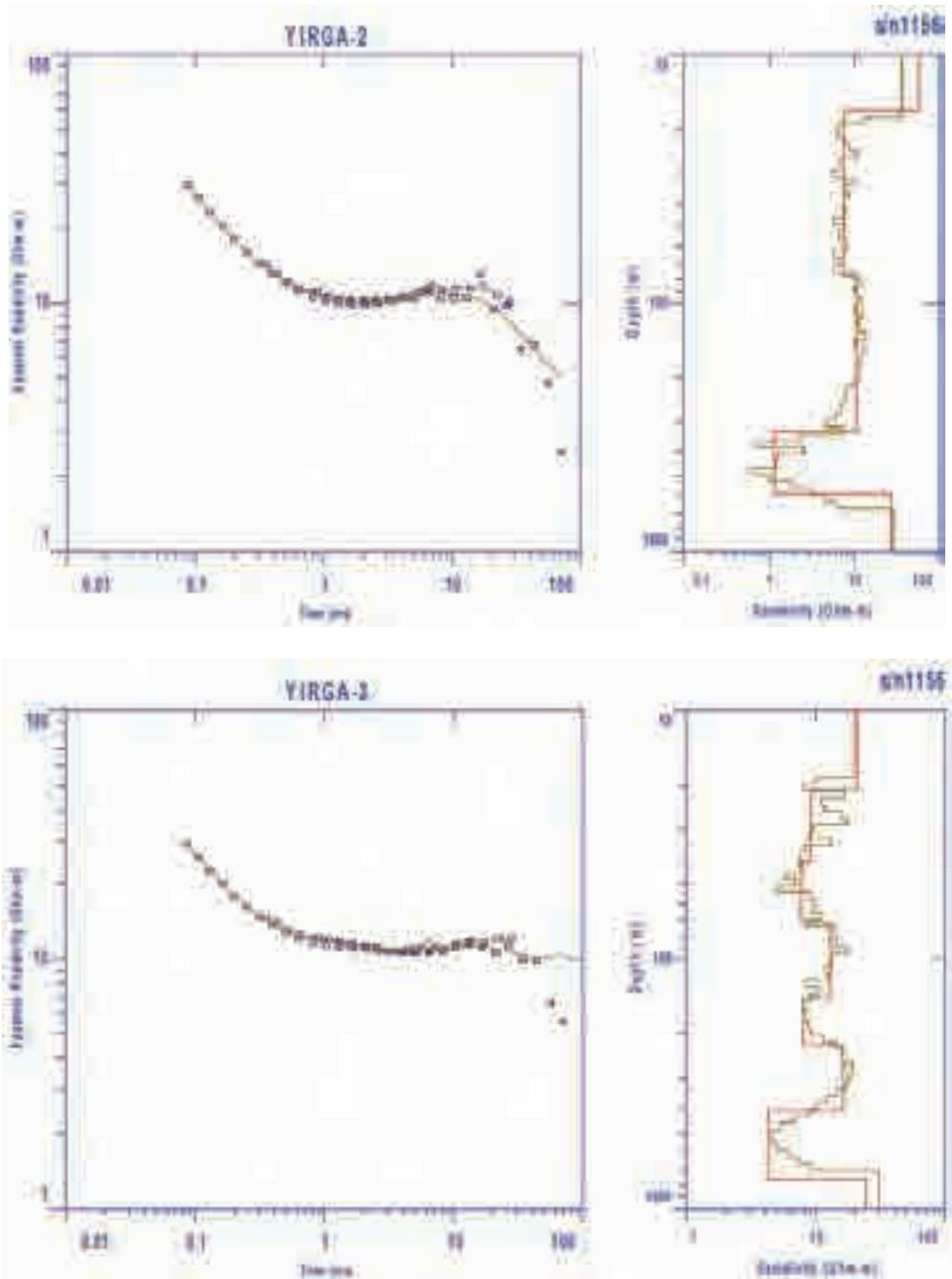
データ 4.2.3 TEM データ解析結果 (14/28)



Yirga chefe Area

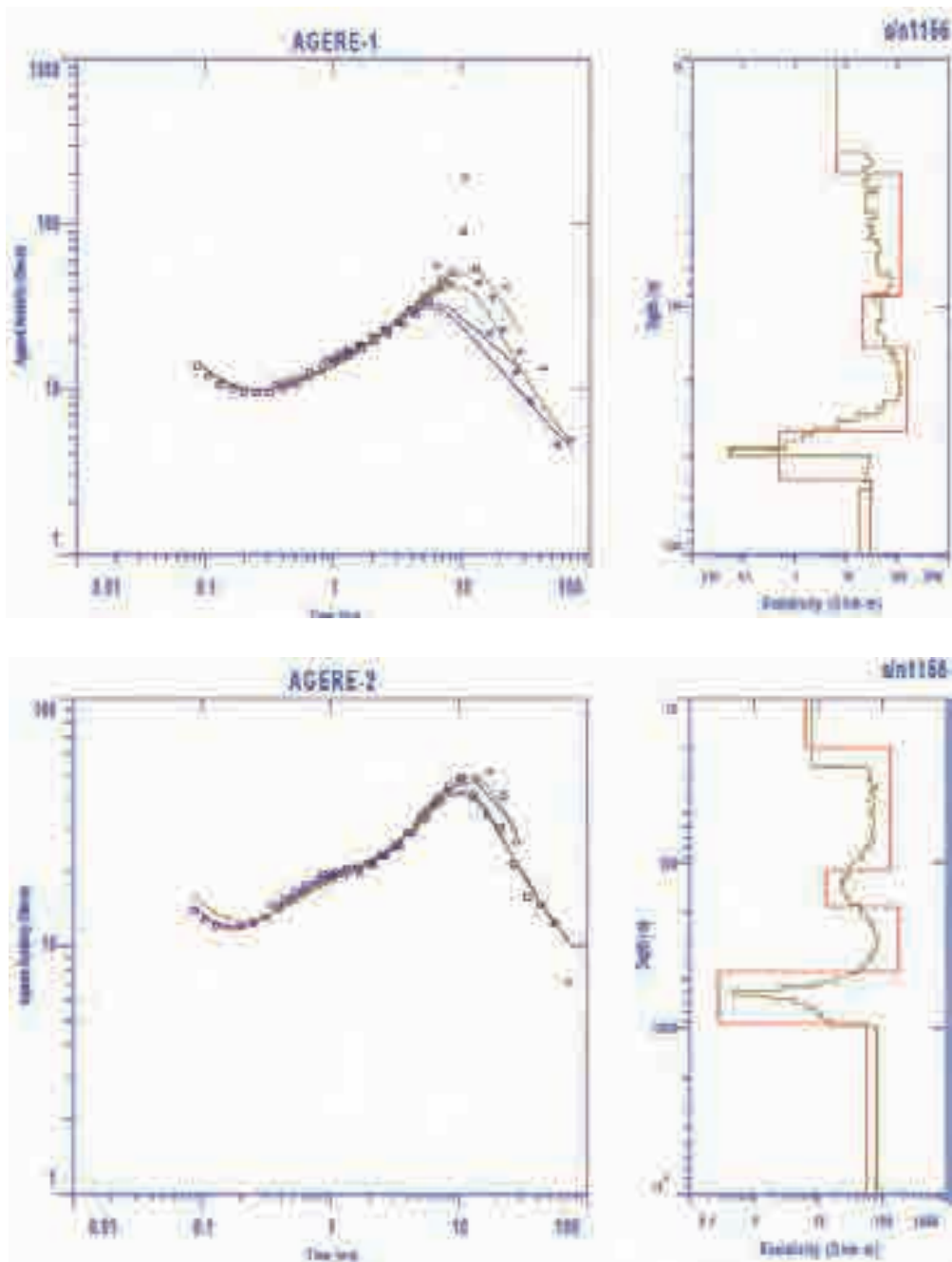


データ 4.2.3 TEM データ解析結果 (15/28)

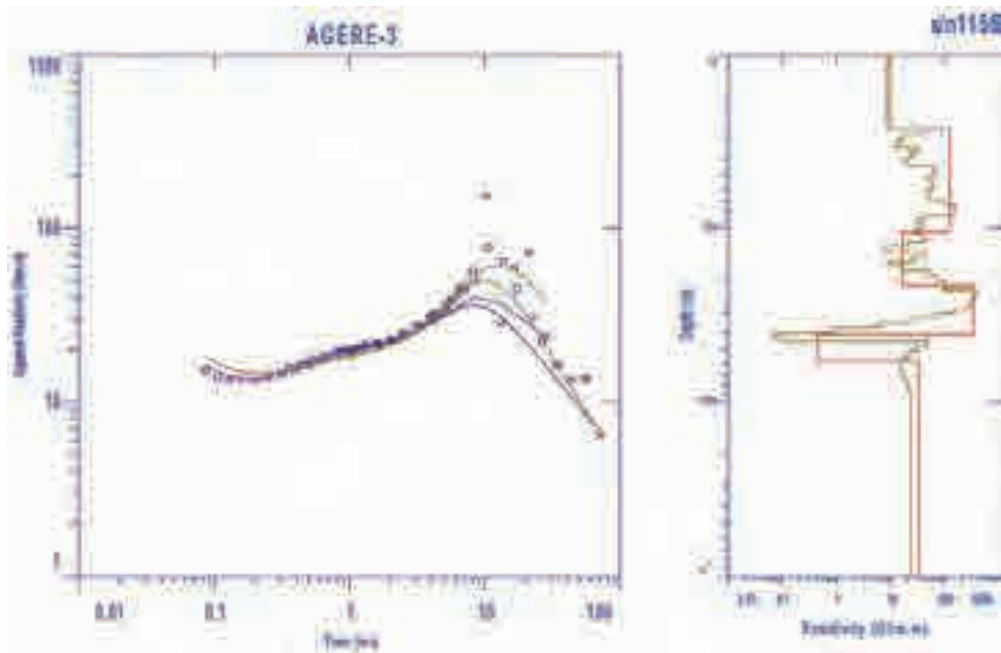


データ 4.2.3 TEM データ解析結果 (16/28)

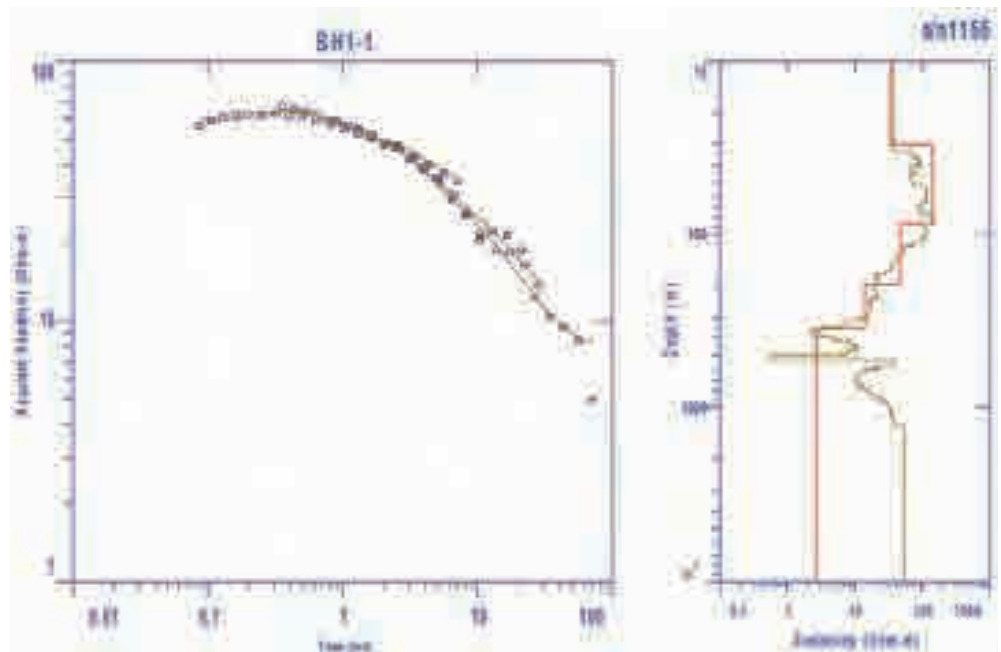
Agere Maryam Area



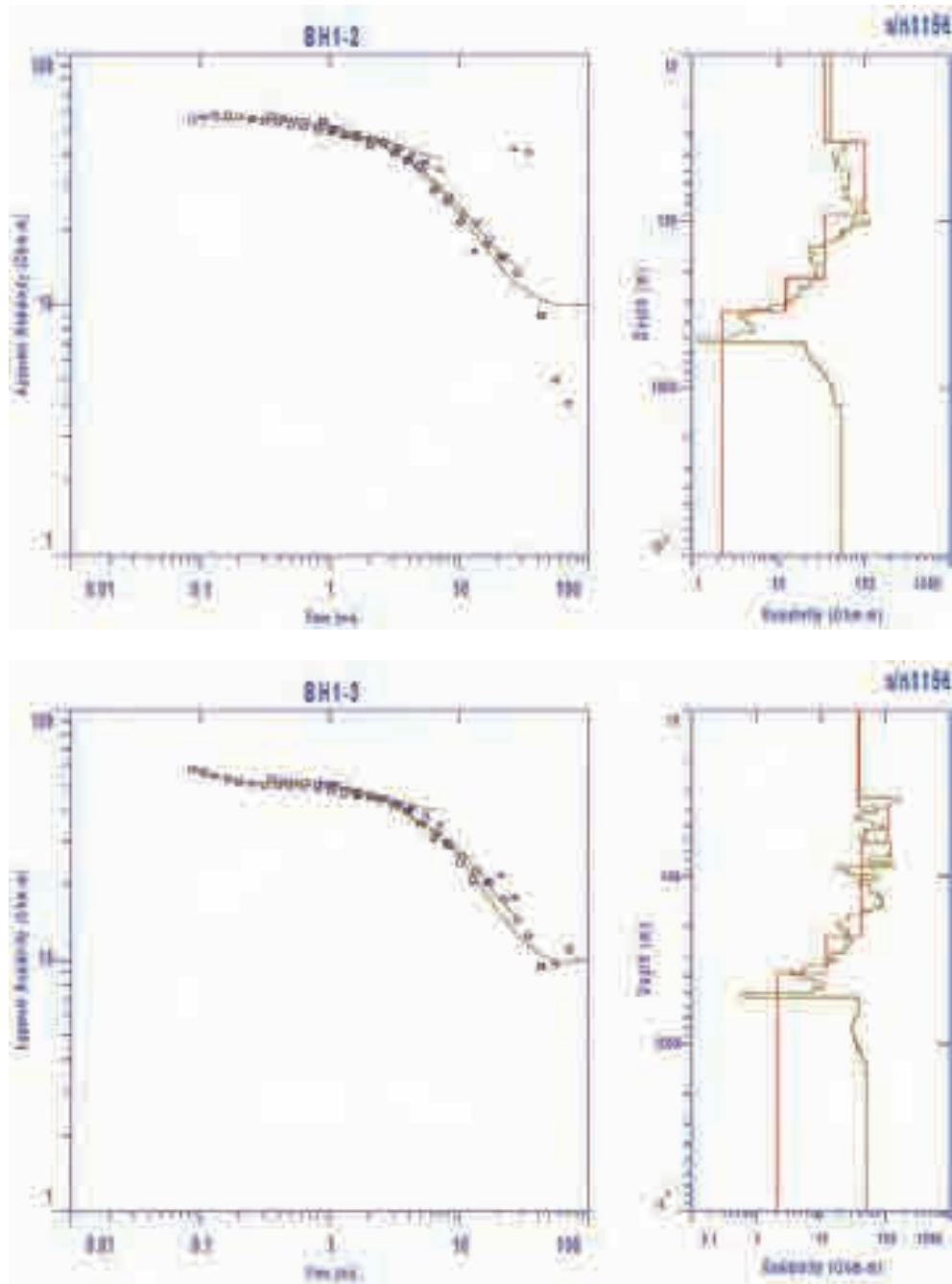
データ 4.2.3 TEM データ解析結果 (17/28)



RVS BH-1

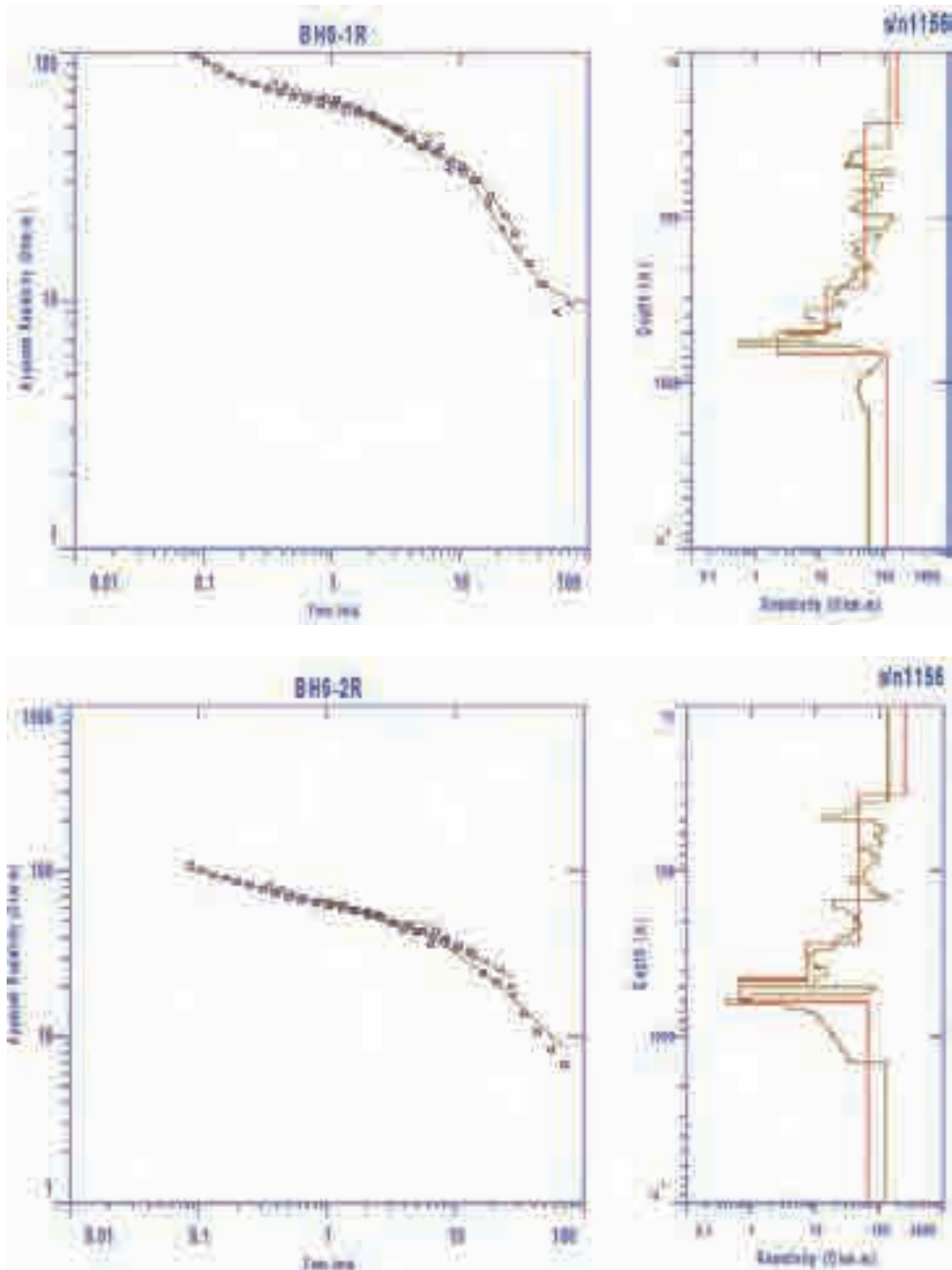


データ 4.2.3 TEM データ解析結果 (18/28)

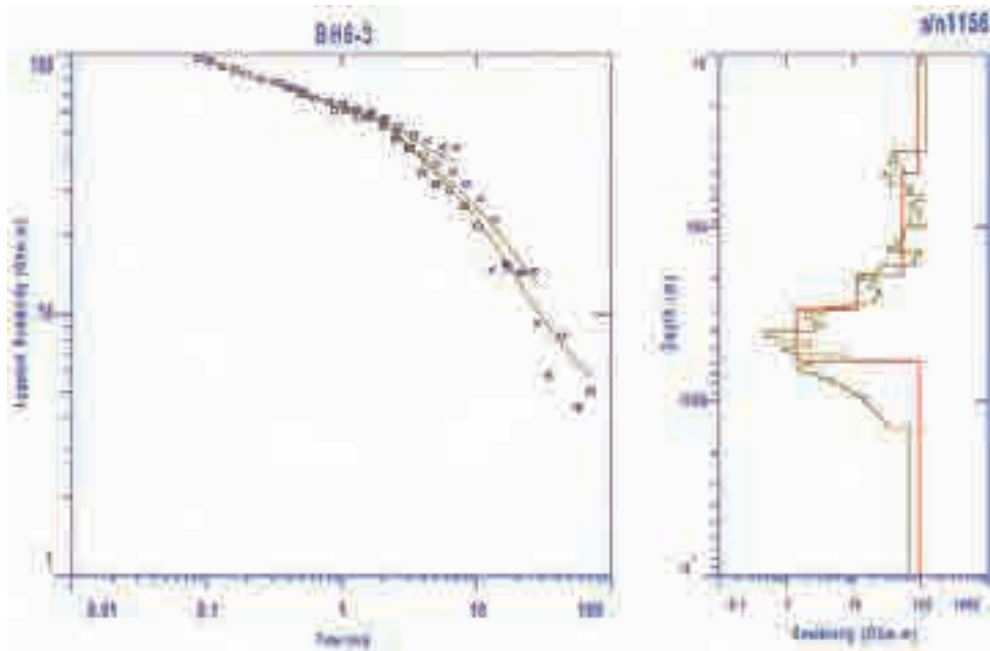


データ 4.2.3 TEM データ解析結果 (19/28)

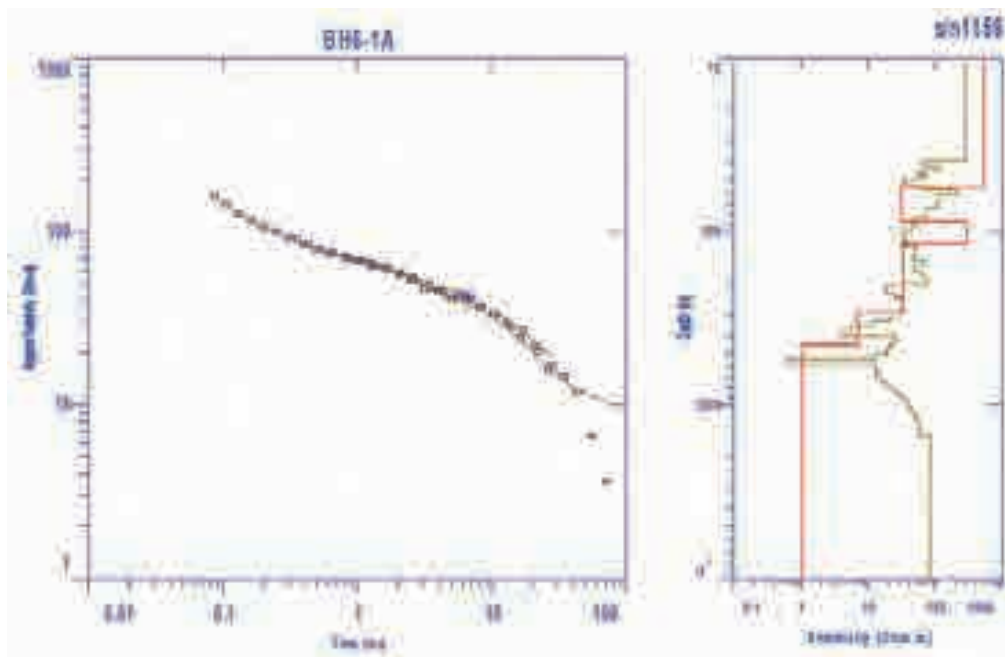
RVS BH-6



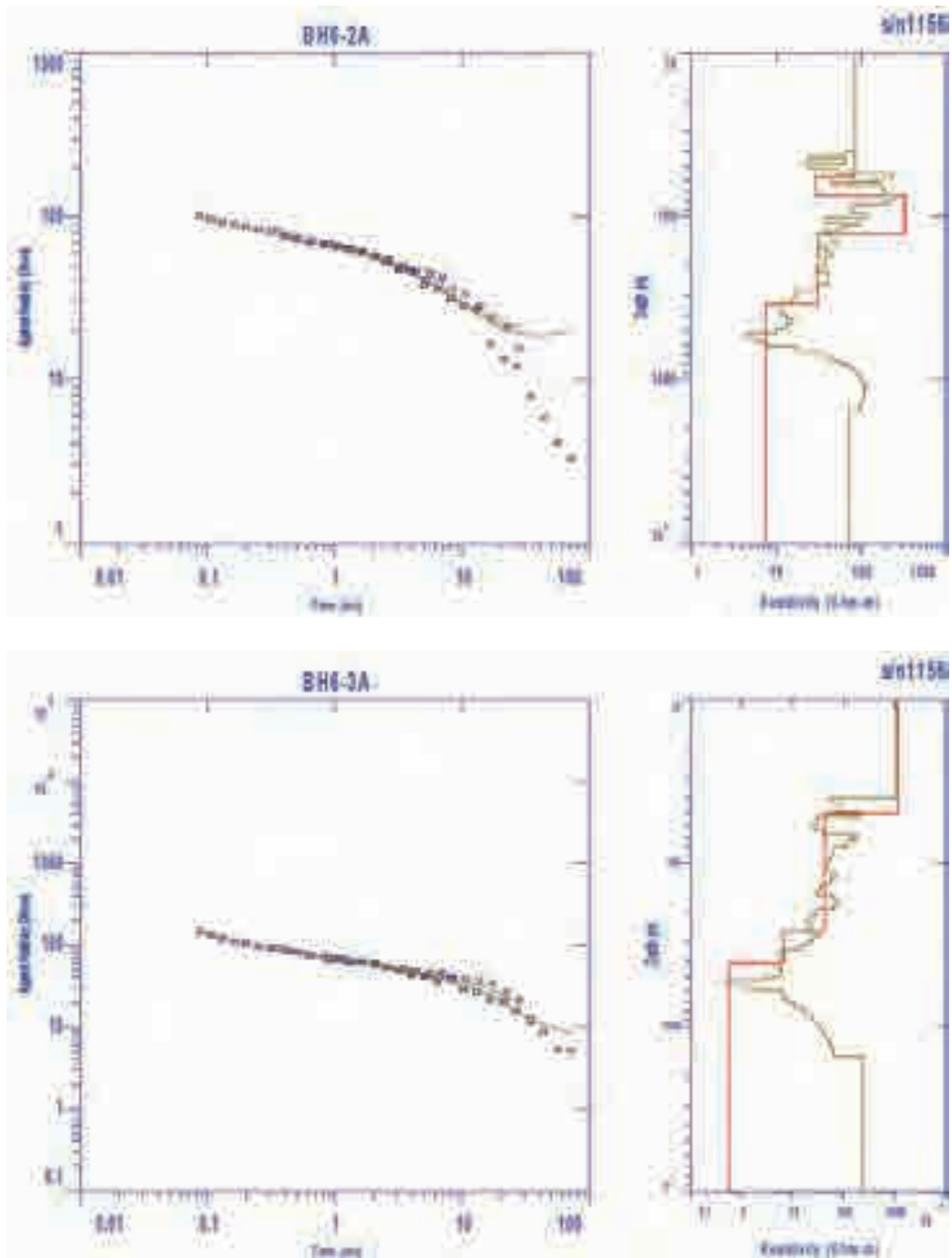
データ 4.2.3 TEM データ解析結果 (20/28)



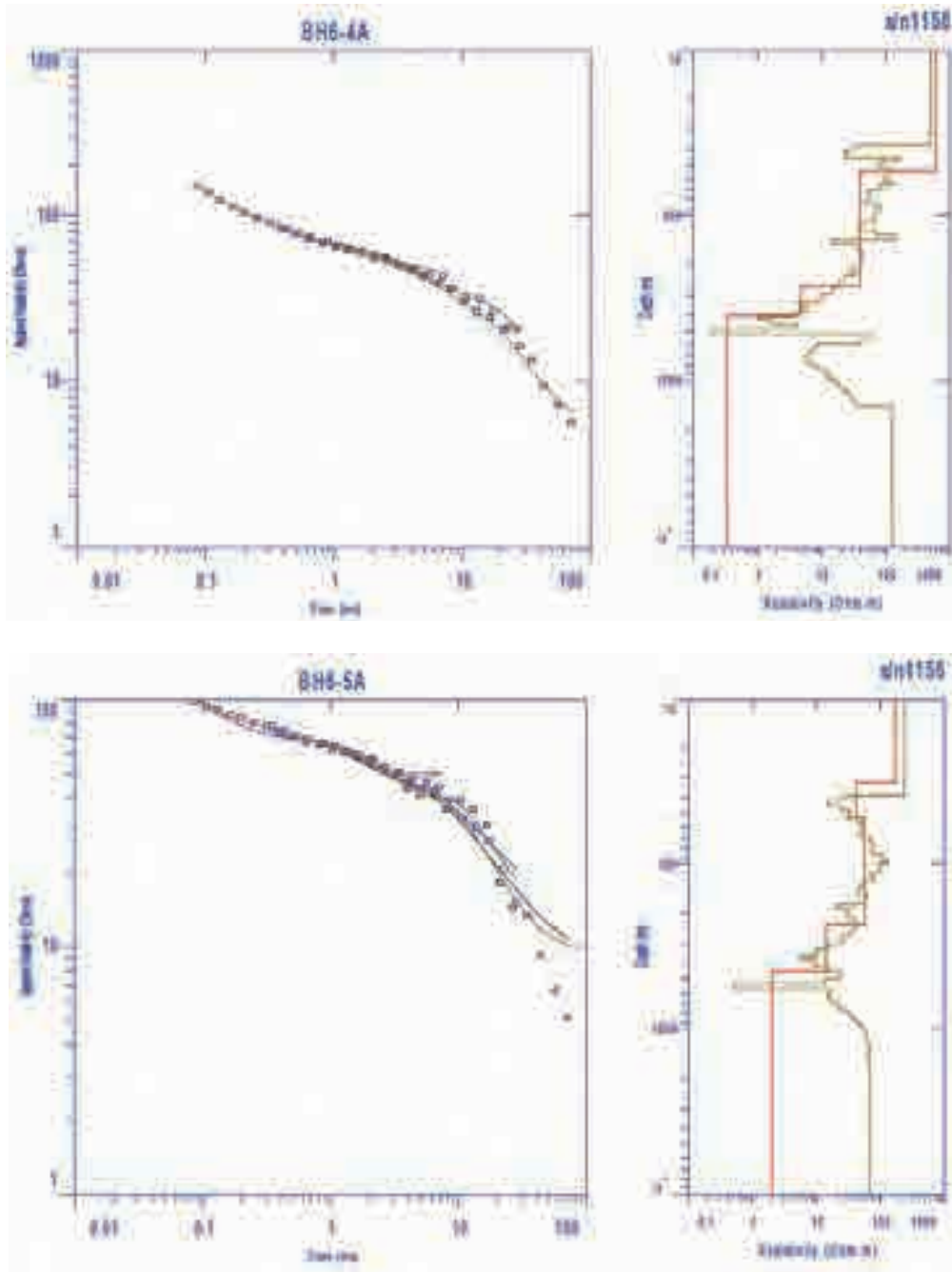
RVS BH-6 (EWTEC Underground Investigation Short Course)



データ 4.2.3 TEM データ解析結果 (21/28)

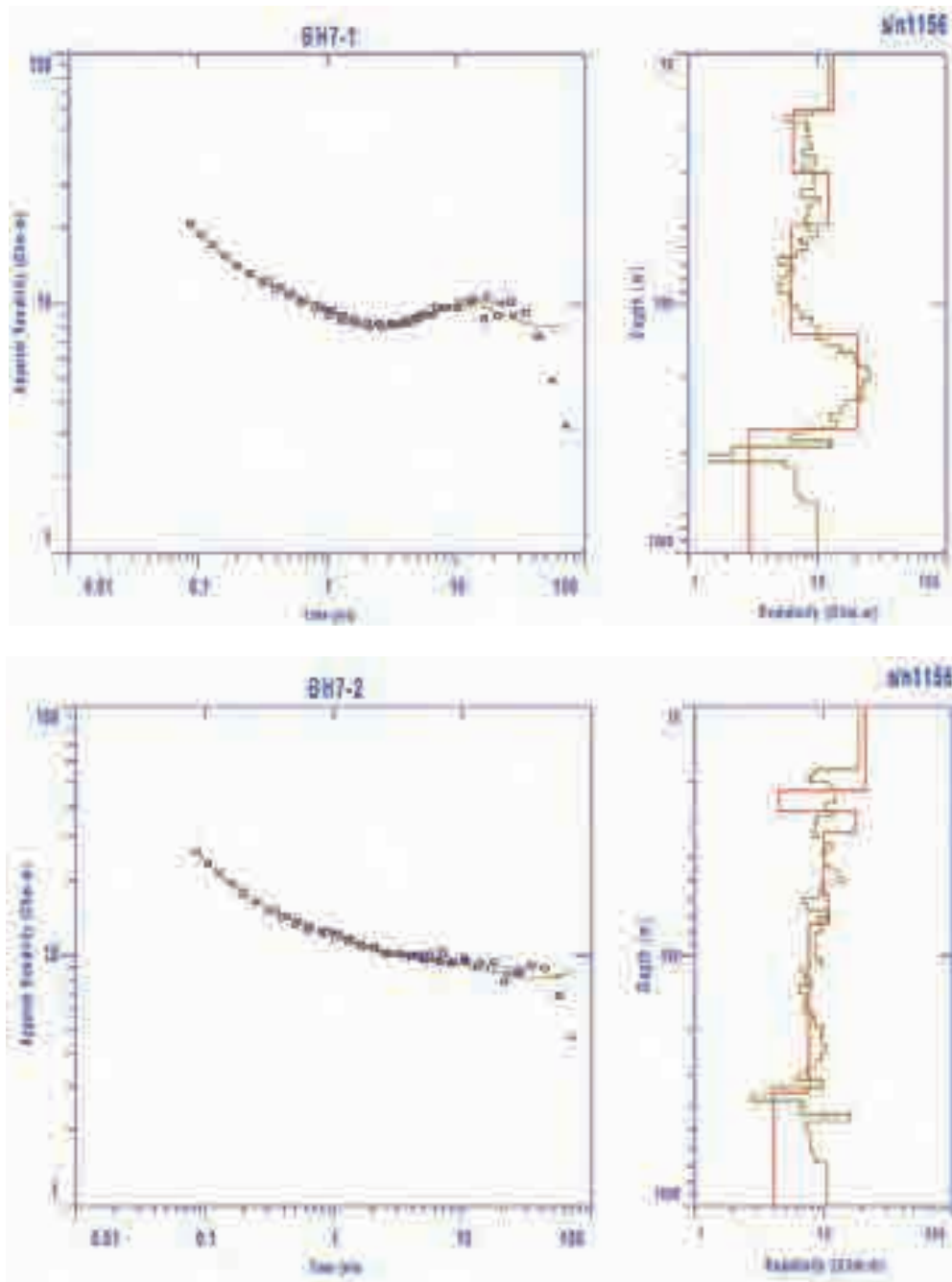


データ 4.2.3 TEM データ解析結果 (22/28)

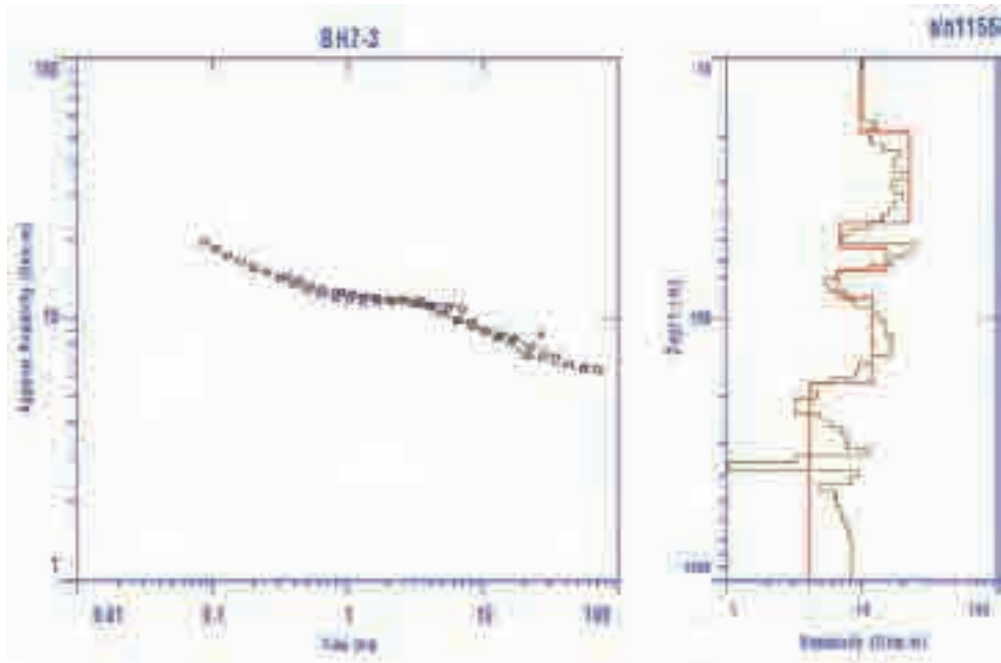


データ 4.2.3 TEM データ解析結果 (23/28)

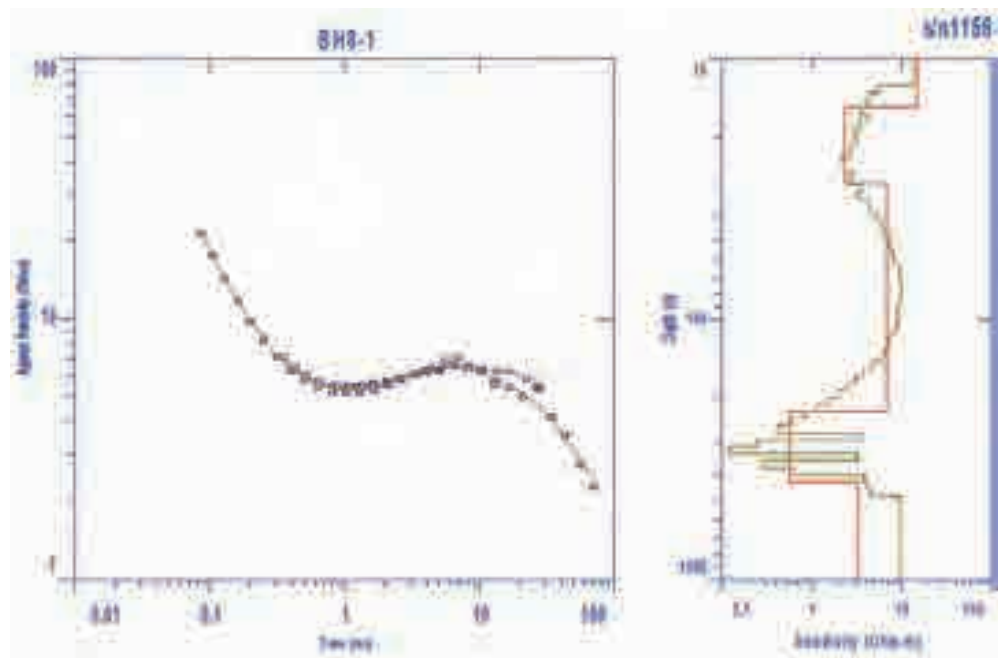
RVS BH-7



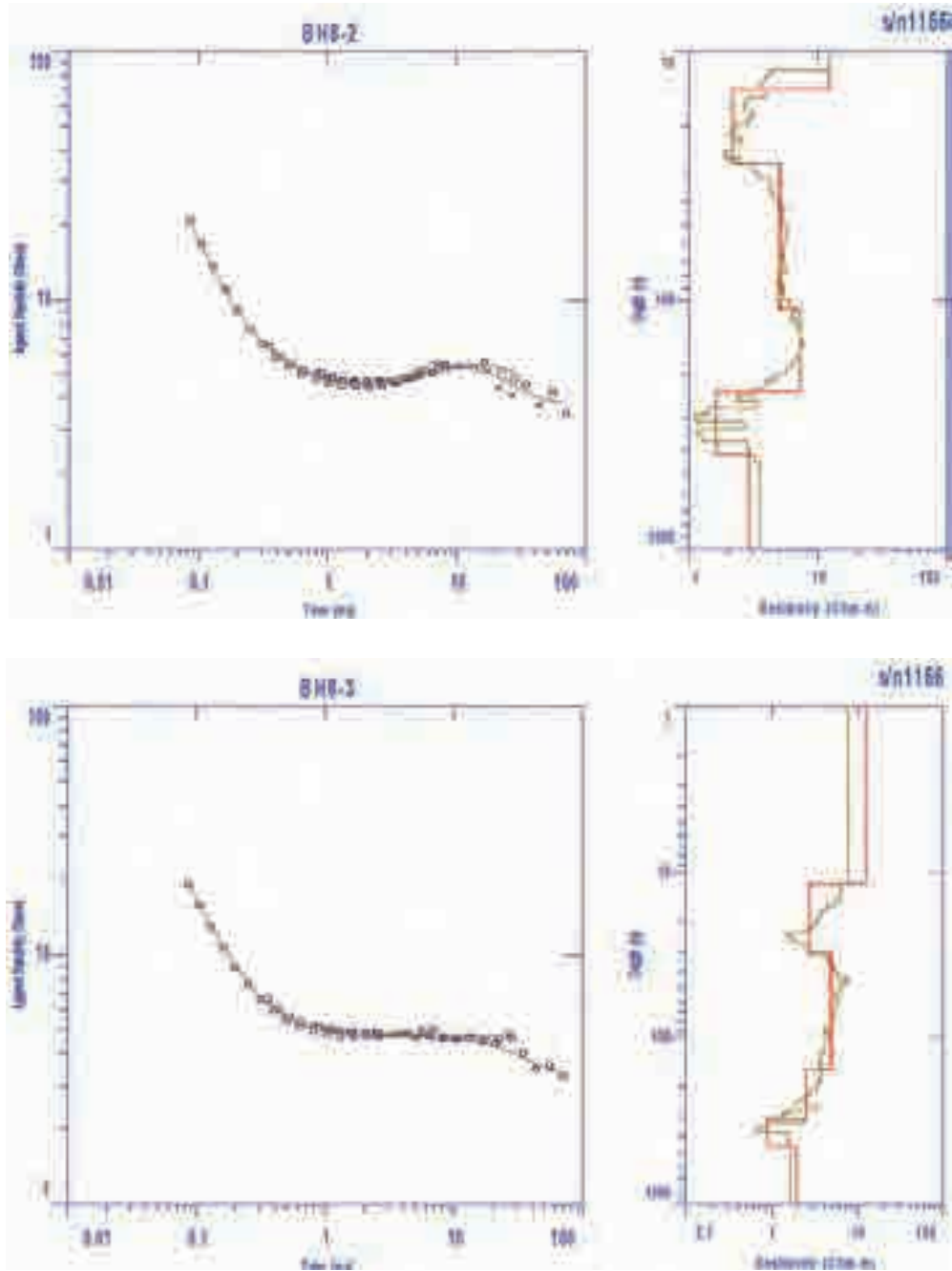
データ 4.2.3 TEM データ解析結果 (24/28)



RVS BH-8

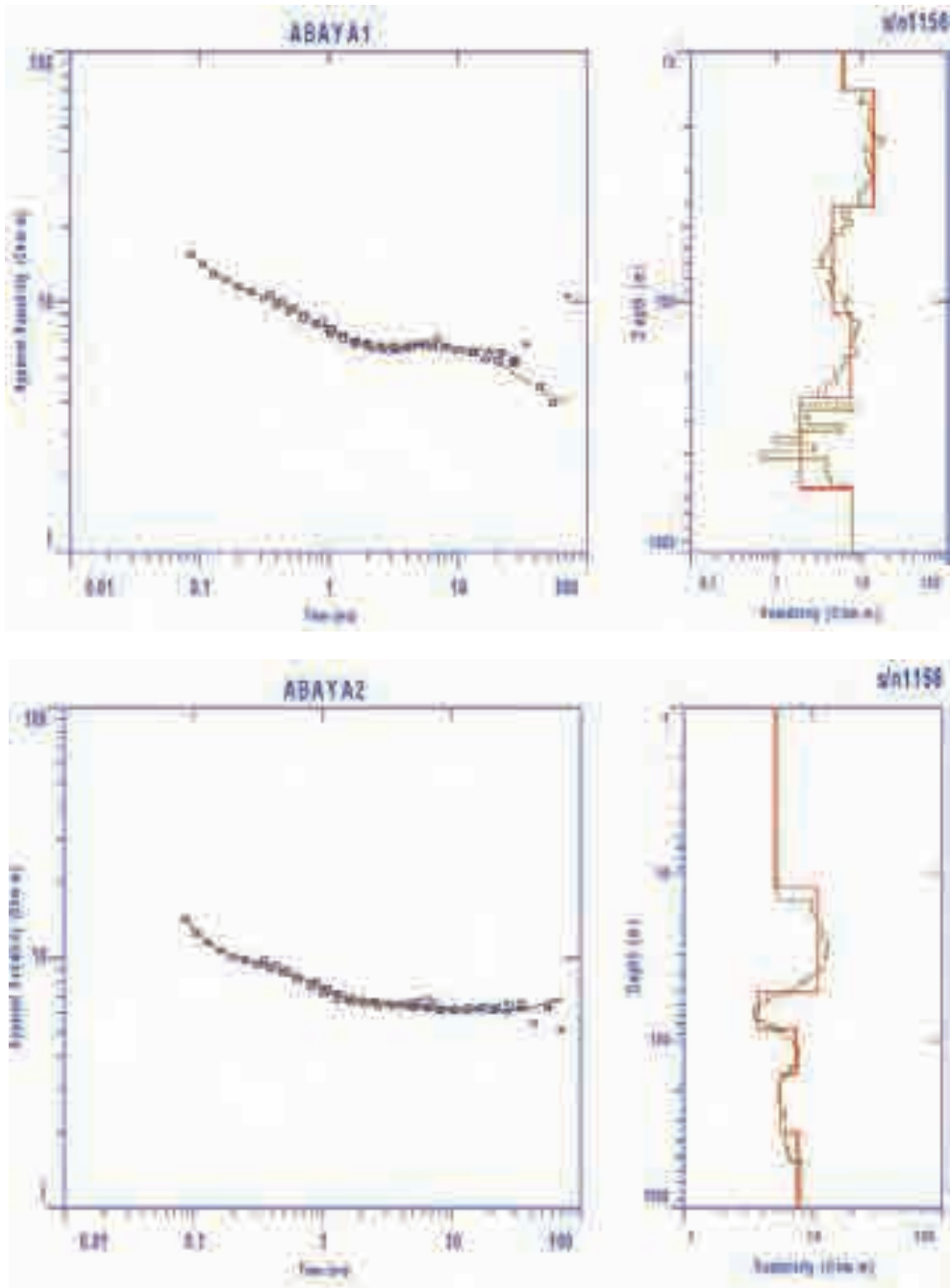


データ 4.2.3 TEM データ解析結果 (25/28)

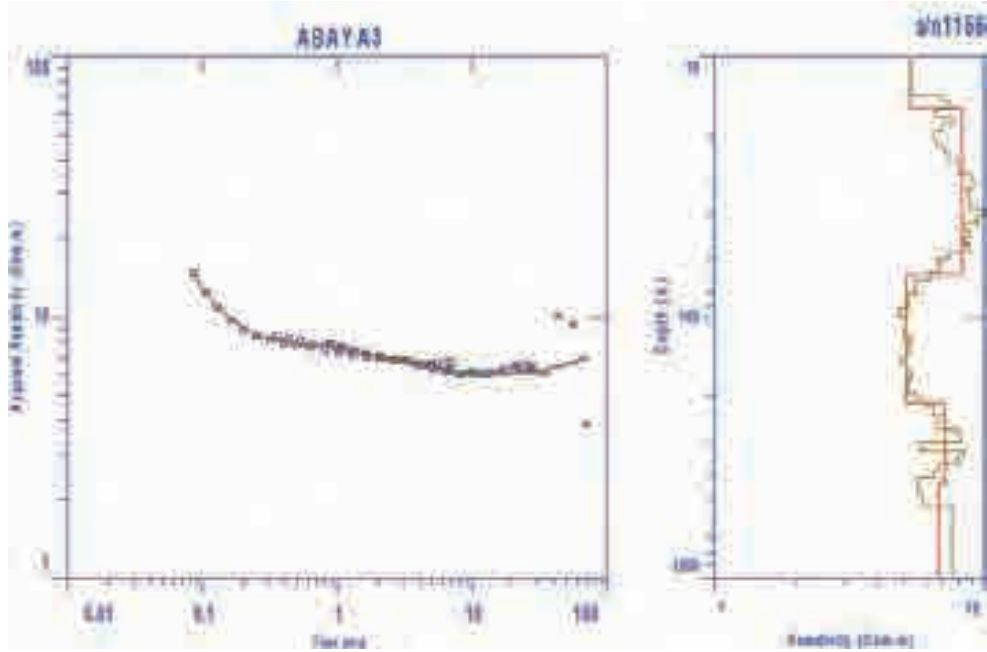


データ 4.2.3 TEM データ解析結果 (26/28)

Mirab Abaya Area



データ 4.2.3 TEM データ解析結果 (27/28)



データ 4.2.3 TEM データ解析結果 (28/28)