

No.

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)
THE REPUBLIC OF CAMEROON
SOCIÉTÉ NATIONALE D'ÉLECTRICITÉ DU CAMEROUN

FEASIBILITY STUDY
ON
MEMVE ELE HYDROELECTRIC POWER
DEVELOPMENT PROJECT

FINAL REPORT
DATA

OCTOBER 1993

NIPPON KOEI CO., LTD.

JICA
FEASIBILITY STUDY ON MEMVE ELE HYDROELECTRIC POWER DEVELOPMENT PROJECT FINAL REPORT DATA OCTOBER

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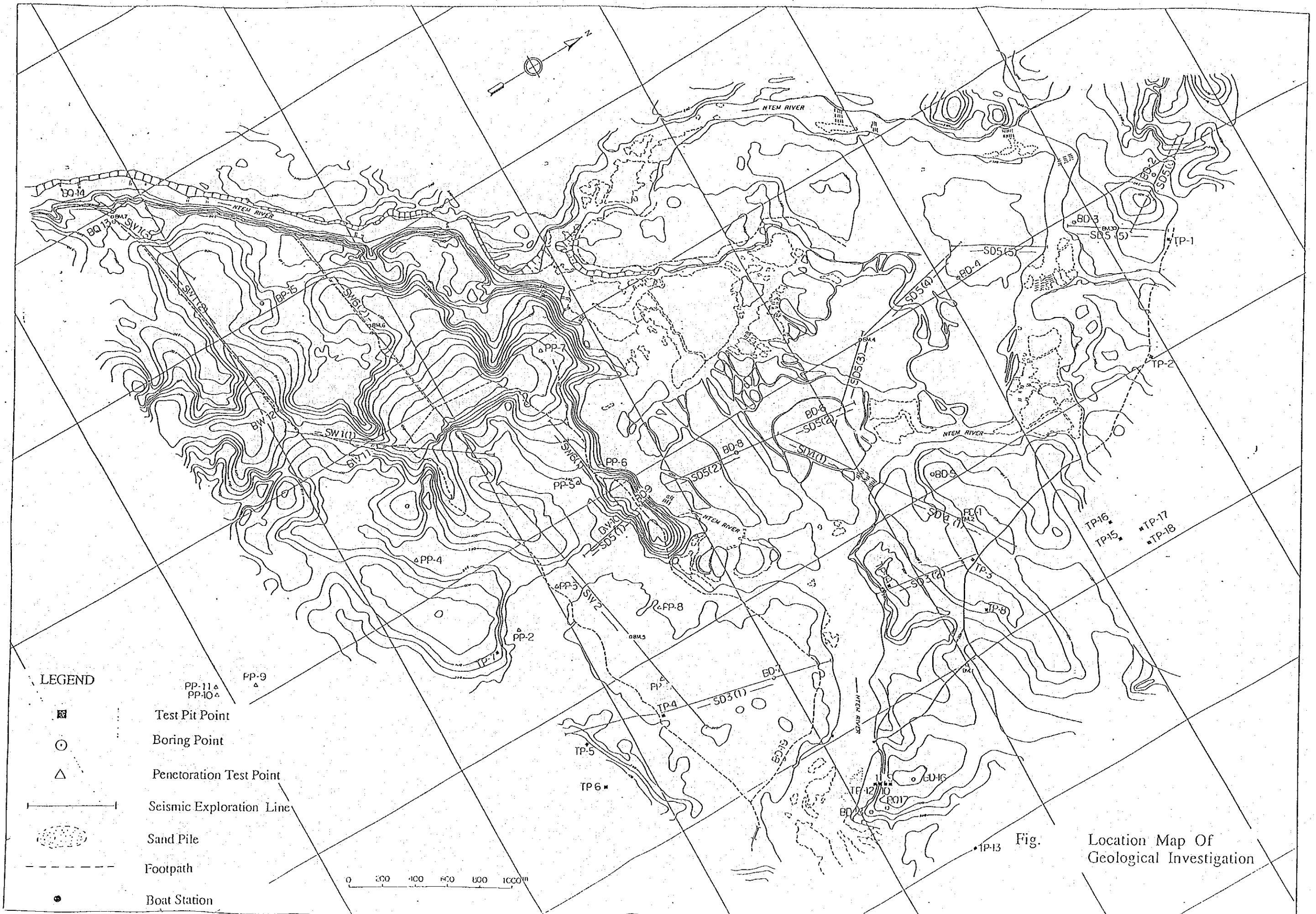
27339

**ANNEX 1 - 1 Drawings for Profile Survey along
Seismic Exploration Lines**

LIST OF DRAWINGS

Sheet No.	Title
1	Topographic Survey of Seismic Exploration Lines, General Plan
2	-do- , SD3 No.01
3	-do- , SD3 No.02
4	-do- , SD3 No.03
5	-do- , Ext. SD3
6	-do- , SD4 No.01
7	-do- , SD4 No.02
8	-do- , Ext. SD4
9	-do- , SD5(1)
10	-do- , SD5(2) No.01
11	-do- , SD5(2) No.02
12	-do- , SD5(3)
13	-do- , SD5(4) No.01
14	-do- , SD5(4) No.02
15	-do- , SD5(5) No.01
16	-do- , SD5(5) No.02
17	-do- , SD5(6)
18	-do- , SW1(1) No.01
19	-do- , SW1(1) No.02
20	-do- , SW1(2) No.01
21	-do- , SW1(2) No.02
22	-do- , SW1(2) No.03

23	-do-	, SW1(3) No.01
24	-do-	, SW1(3) No.02
25	-do-	, SW2 No.01
26	-do-	, SW2 No.02
27	-do-	, SW2 No.03
28	-do-	, SW2 No.04
29	-do-	, SW6(1) No.01
30	-do-	, SW6(1) No.02
31	-do-	, SW6(2) No.01
32	-do-	, SW6(2) No.02



LEGEND

- Test Pit Point
- Boring Point
- △ Penetration Test Point
- Seismic Exploration Line
- Sand Pile
- - - Footpath
- Boat Station

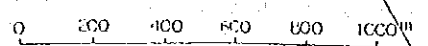
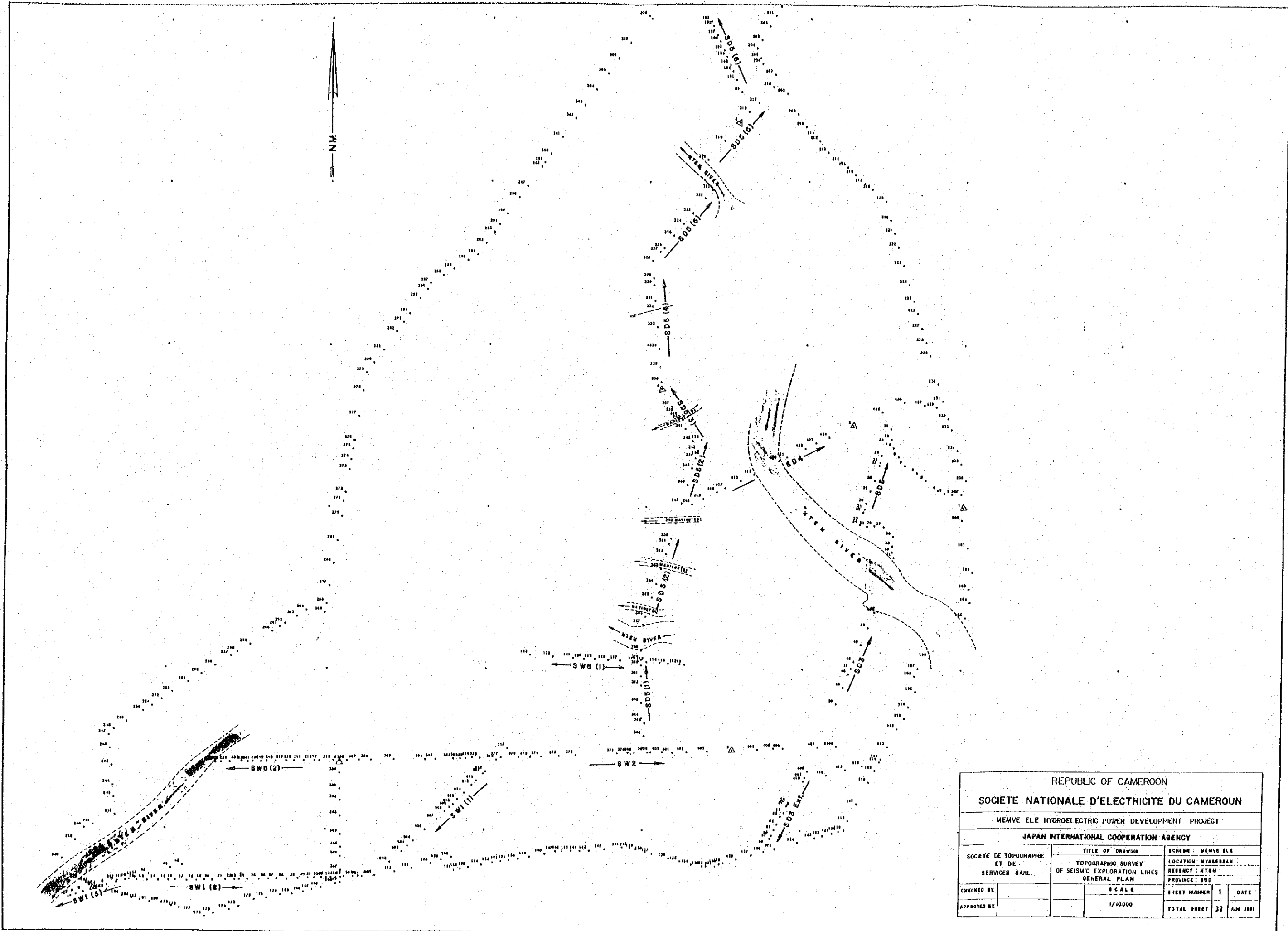
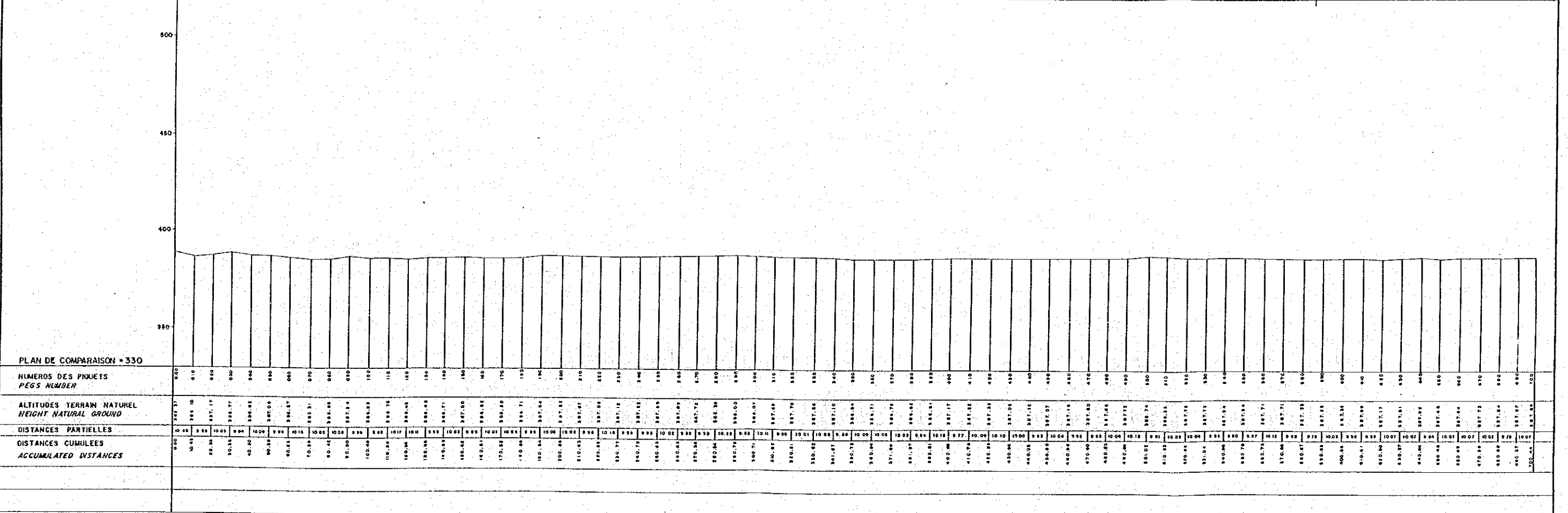
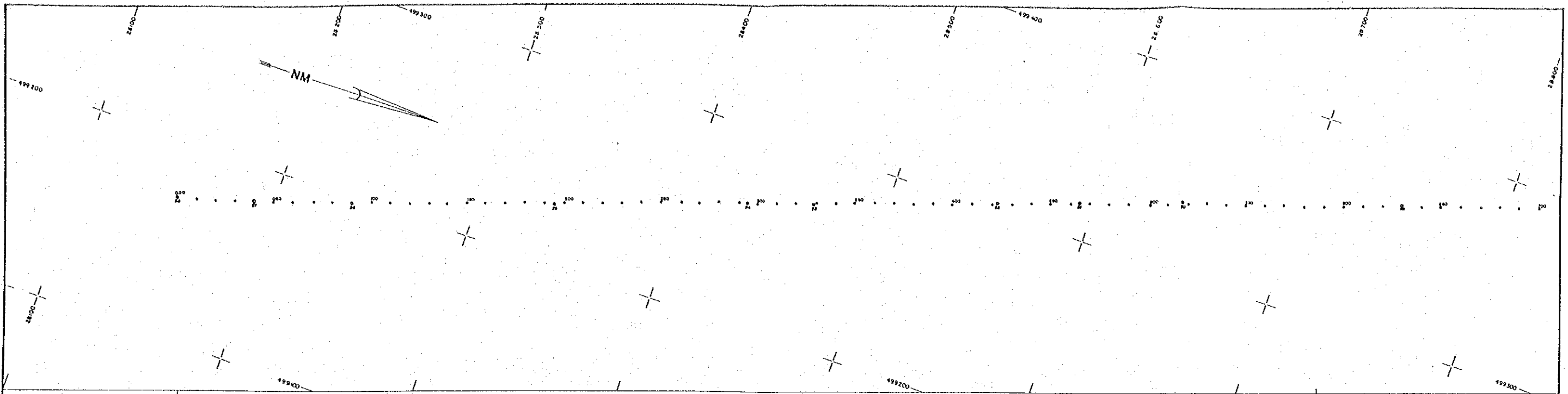


Fig. Location Map Of Geological Investigation



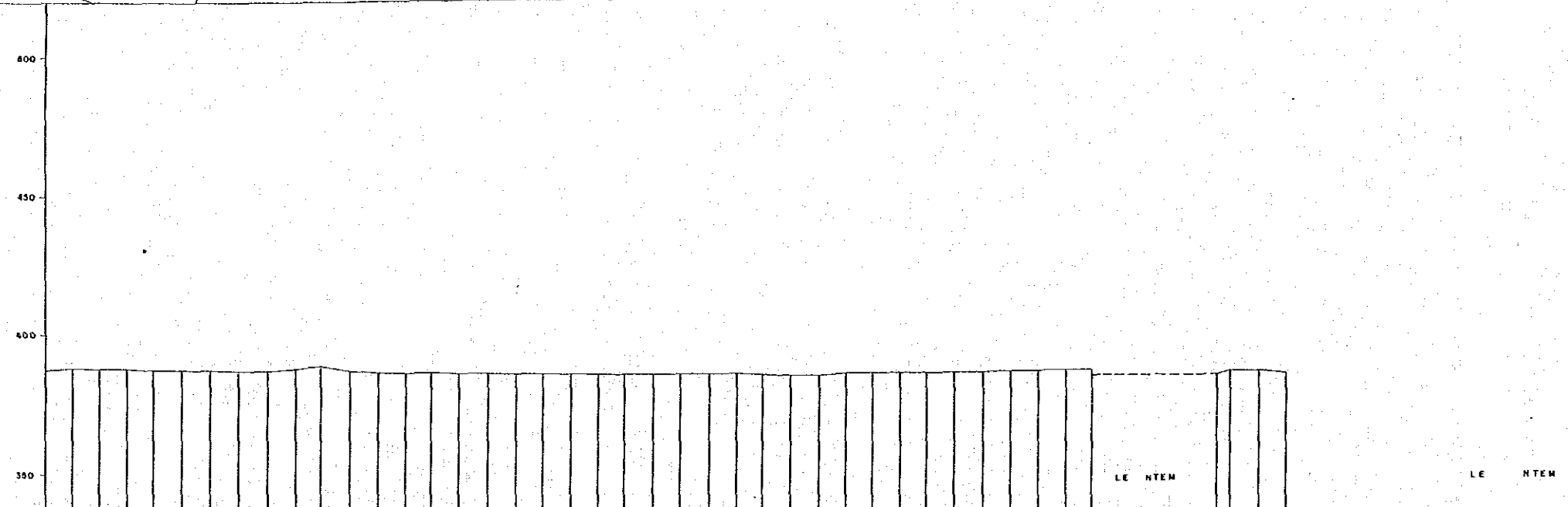
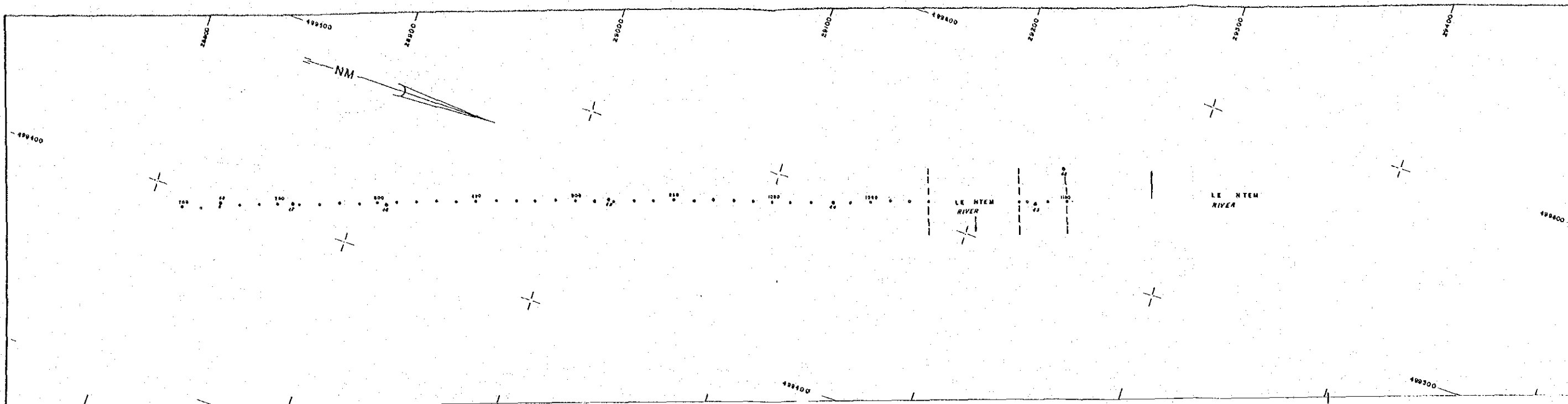
REPUBLIC OF CAMEROON		
SOCIETE NATIONALE D'ELECTRICITE DU CAMEROON		
MEMVE ELE HYDROELECTRIC POWER DEVELOPMENT PROJECT		
JAPAN INTERNATIONAL COOPERATION AGENCY		
SOCIETE DE TOPOGRAPHE ET DE SERVICES SARL.	TITLE OF DRAWING	SCHEME: MEMVE ELE
	TOPOGRAPHIC SURVEY OF SEISMIC EXPLORATION LINES GENERAL PLAN	LOCATION: NYABERBAAM REGENCY: NTEM PROVINCE: SUD
CHECKED BY	SCALE	SHEET NUMBER 1 DATE
APPROVED BY	1/10000	TOTAL SHEET 32 AUG 1981



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 Piquet profil 450 0
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SOCIETE NATIONALE D'ELECTRICITE DU CAMEROUN
 MEMVE ELE HYDROELECTRIC POWER DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY

SOCIETE DE TOPOGRAPHIE ET DE SERVICES SARL	TITLE OF DRAWING	SCHEME: MEMVE ELE	
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CHECKED BY	SCALE	SHEET NUMBER	DATE
APPROVED BY	H: 1/1000 V: 1/1000	TOTAL SHEET	AUG. 1994



PLAN DE COMPARAISON # 330

NUMEROS DES PIQUETS PEGS NUMBER
730
710
700
690
680
670
660
650
640
630
620
610
600
590
580
570
560
550
540
530
520
510
500
490
480
470
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450
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430
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400
390
380
370
360
350
340
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320
310
300
290
280
270
260
250
240
230
220
210
200
190
180
170
160
150
140
130
120
110
100

ALTITUDES TERRAIN NATUREL HEIGHT NATURAL GROUND
485.11
480.19
475.25
470.29
465.32
460.35
455.37
450.38
445.39
440.39
435.39
430.39
425.38
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395.32
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340.21
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315.16
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305.14
300.13
295.12
290.11
285.10
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275.08
270.07
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260.05
255.04
250.03
245.02
240.01
235.00
230.00
225.00
220.00
215.00
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40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00

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20.00
30.00
40.00
50.00
60.00
70.00
80.00
90.00
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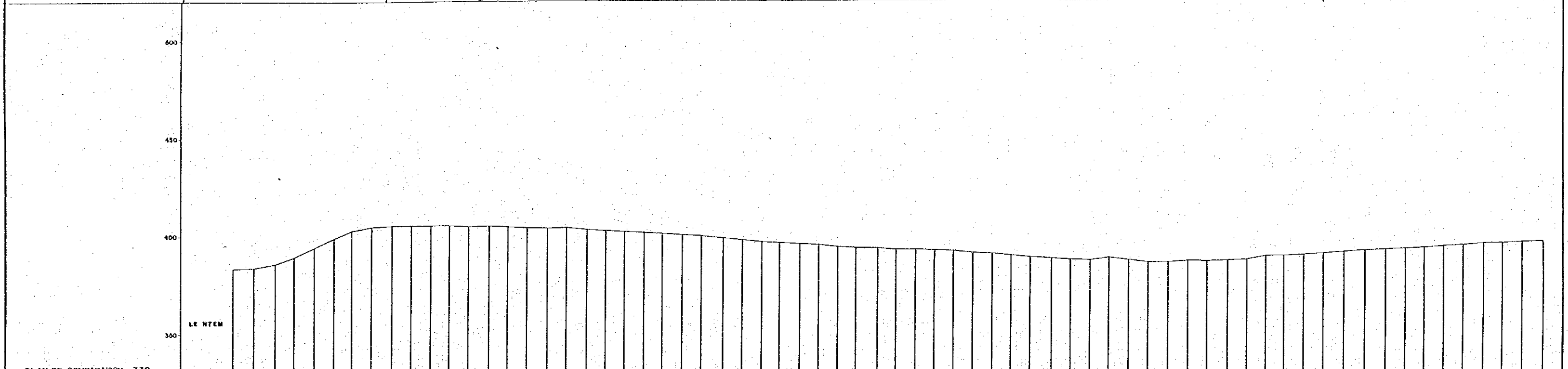
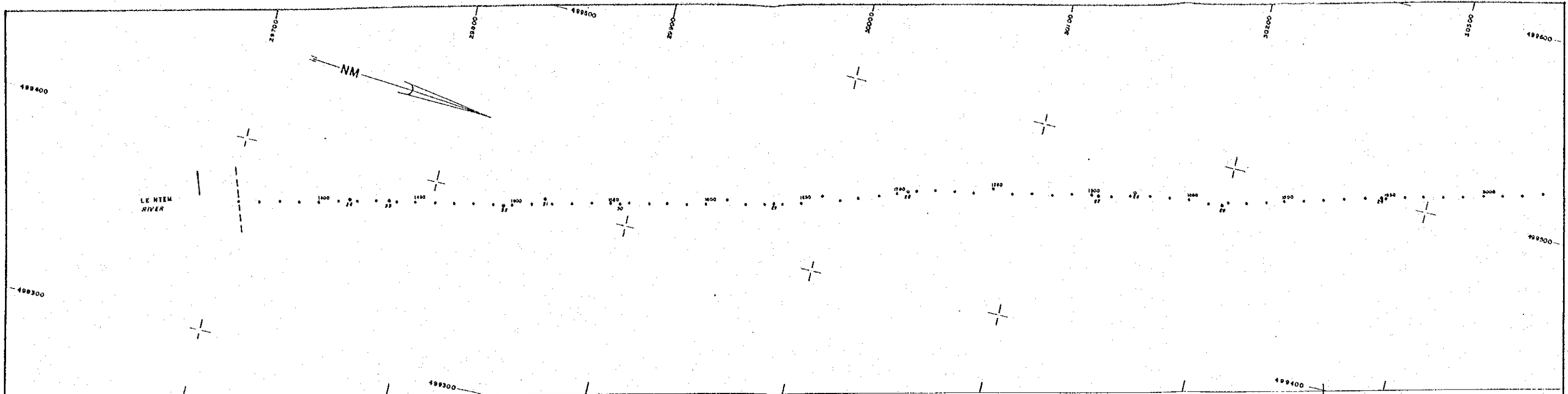
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REPUBLIC OF CAMEROON
SOCIETE NATIONALE D'ELECTRICITE DU CAMEROON

MEMVE ELE HYDROELECTRIC POWER DEVELOPMENT PROJECT
JAPAN INTERNATIONAL COOPERATION AGENCY

SOCIETE DE TOPOGRAPHIE ET DE SERVICES SAU...	TITLE OF DRAWING TOPOGRAPHIC SURVEY OF SEISMIC EXPLORATION LINES SDS N102	SCHEME: MEMVE ELE
	LOCATION: NYABESSAN REGENCY: NTEM PROVINCE: SUD	
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APPROVED BY		TOTAL SHEET 32 AUG 1991

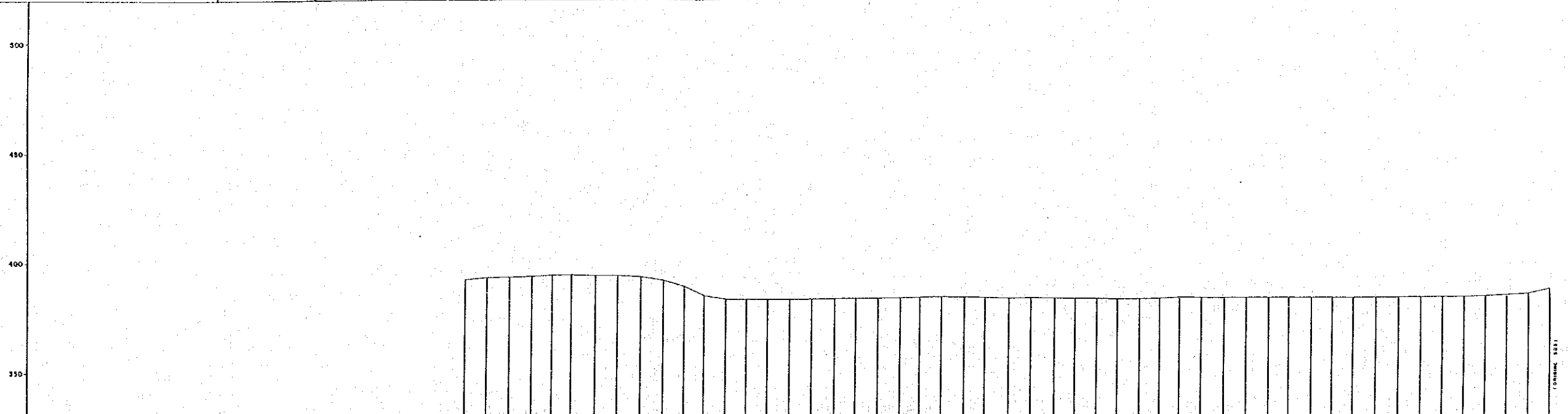
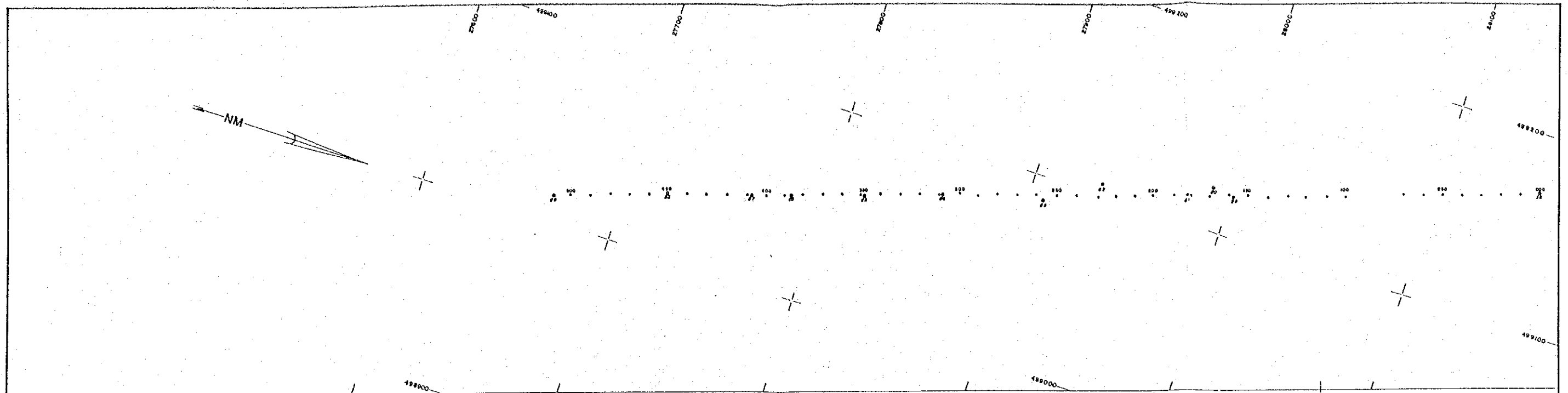


NUMEROS DES PIQUETS PEGS NUMBER	ALTITUDES TERRAIN NATUREL HEIGHT NATURAL GROUND	DISTANCES PARTIELLES ACCUMULATED DISTANCES
0	380.00	0.00
10	381.00	10.10
20	382.00	20.20
30	383.00	30.30
40	384.00	40.40
50	385.00	50.50
60	386.00	60.60
70	387.00	70.70
80	388.00	80.80
90	389.00	90.90
100	390.00	101.00
110	391.00	111.10
120	392.00	121.20
130	393.00	131.30
140	394.00	141.40
150	395.00	151.50
160	396.00	161.60
170	397.00	171.70
180	398.00	181.80
190	399.00	191.90
200	400.00	202.00
210	401.00	212.10
220	402.00	222.20
230	403.00	232.30
240	404.00	242.40
250	405.00	252.50
260	404.00	262.60
270	403.00	272.70
280	402.00	282.80
290	401.00	292.90
300	400.00	303.00
310	399.00	313.10
320	398.00	323.20
330	380.00	333.30

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SOCIETE NATIONALE D'ELECTRICITE DU CAMEROUN		
MEMVE ELE HYDROELECTRIC POWER DEVELOPMENT PROJECT		
JAPAN INTERNATIONAL COOPERATION AGENCY		
SOCIETE DE TOPOGRAPHIE ET DE SERVICES SARL	TITLE OF DRAWING TOPOGRAPHIC SURVEY OF SEISMIC EXPLORATION LINES SD3 N°03	SCHEME: MEMVE ELE LOCATION: NYABERBAN REGENCY: NTEM PROVINCE: SUD
CHECKED BY	SCALE H: 1/1000 V: 1/1000	SHEET NUMBER 6 DATE
APPROVED BY		TOTAL SHEET 32 AUB 1991



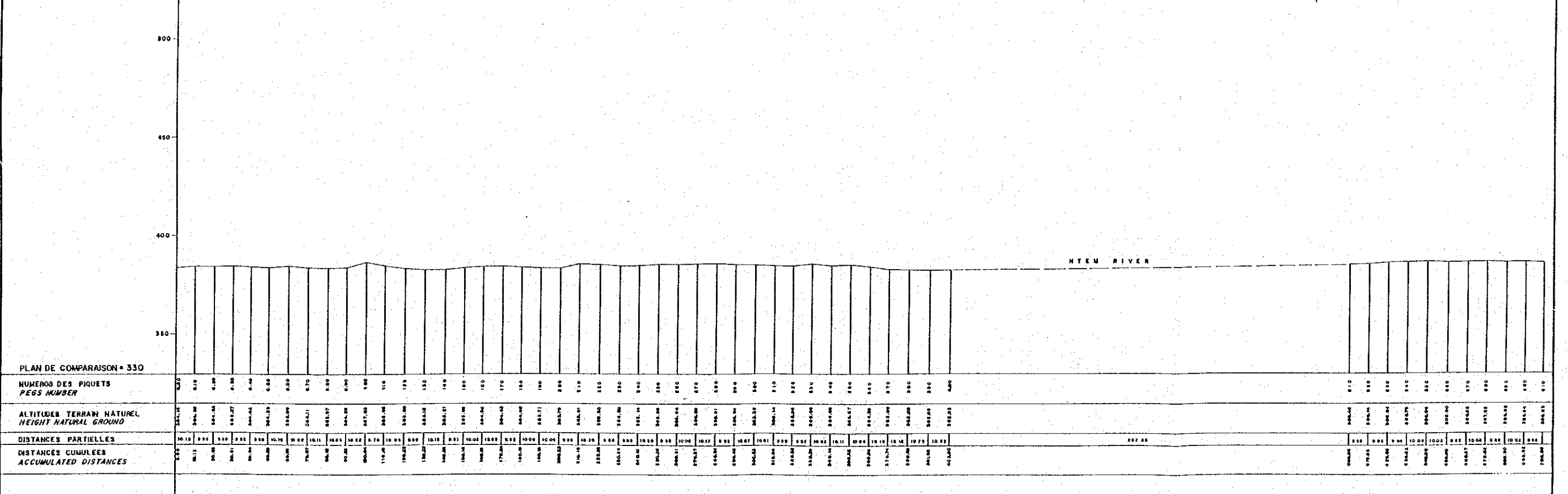
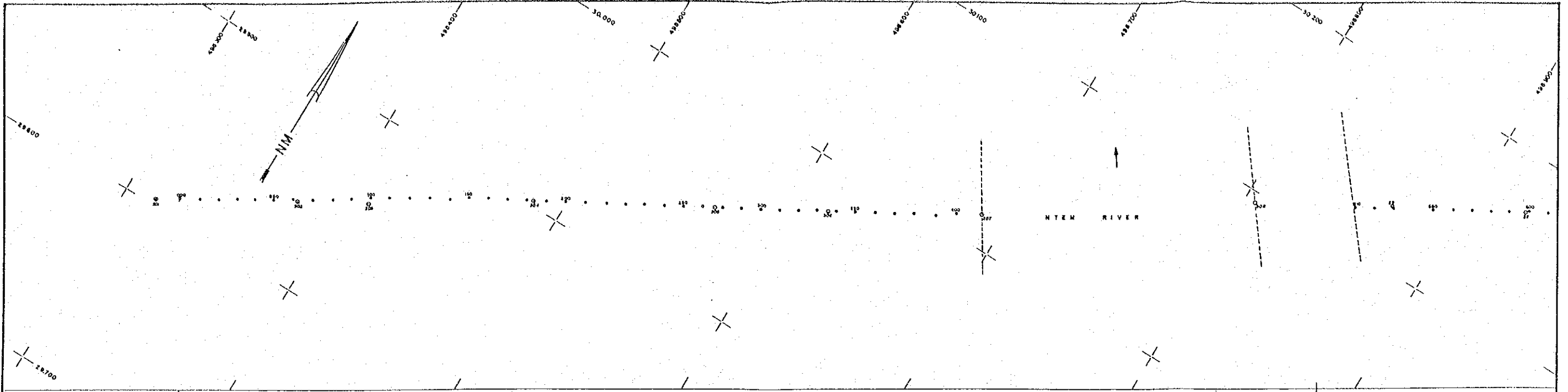
PLAN DE COMPARAISON = 330

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DISTANCES PARTIELLES	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13
DISTANCES CUMULEES ACCUMULATED DISTANCES	0.00	0.01	0.03	0.06	0.10	0.15	0.21	0.28	0.36	0.44	0.52	0.61	0.70	0.79

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SOCIETE NATIONALE D'ELECTRICITE DU CAMEROUN			
MEMVE ELE HYDROELECTRIC POWER DEVELOPMENT PROJECT			
JAPAN INTERNATIONAL COOPERATION AGENCY			
SOCIETE DE TOPOGRAPHIE ET DE SERVICES S.A.R.L.		TITLE OF DRAWING TOPOGRAPHIC SURVEY OF SEISMIC EXPLORATION LINES EX 503	
CHECKED BY		SCHEME: MEMVE ELE	
APPROVED BY		LOCATION: NYABESSAN	
		REGENCY: NIEM	
		PROVINCE: SOU	
		SHEET NUMBER 5	
		DATE	
		TOTAL SHEET 32	
		AUG 1991	



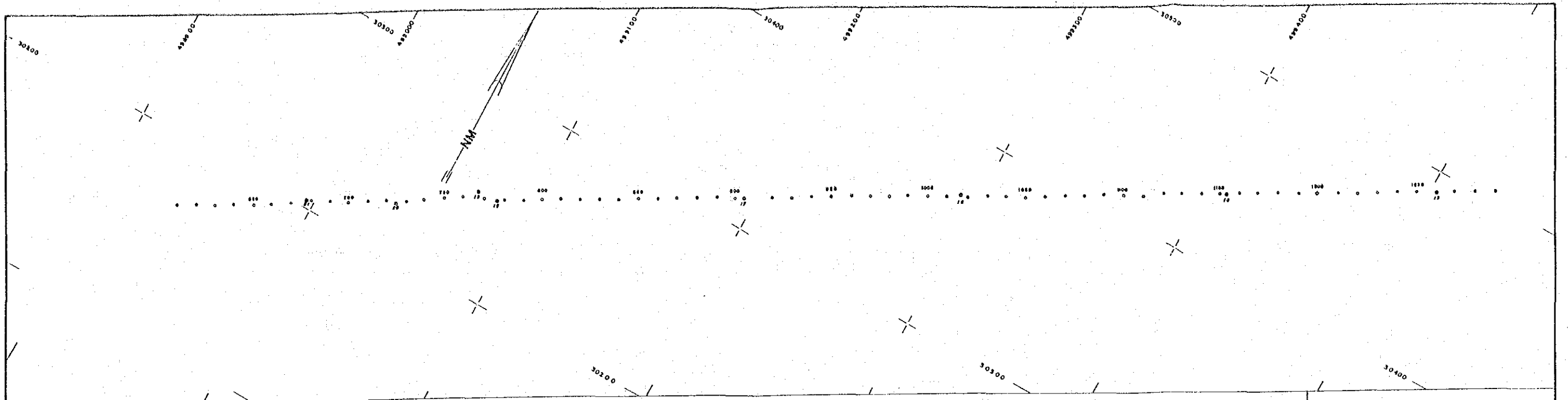
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Piquet profil 450 ○

Profil peg ○

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SOCIETE NATIONALE D'ELECTRICITE DU CAMEROUN		
MEMVE ELE HYDROELECTRIC POWER DEVELOPMENT PROJECT		
JAPAN INTERNATIONAL COOPERATION AGENCY		
SOCIETE DE TOPOGRAPHIE ET DE SERVICES SARL.	TITLE OF DRAWING TOPOGRAPHIC SURVEY OF SEISMIC EXPLORATION LINES SO4 N101	SCHEME: MEMVE ELE
		LOCATION: NTABESSAN REGENCY: NTEM PROVINCE: SUD
CHECKED BY	SCALE H: 1/1000 V: 1/1000	SHEET NUMBER: 6 TOTAL SHEET: 32
APPROVED BY		DATE: AUG 1991



800
450
400
350

PLAN DE COMPARAISON = 330

NUMEROS DES PLOUETS
PEGS NUMBER

ALTITUDES TERRAIN NATUREL
HEIGHT NATURAL GROUND

DISTANCES PARTIELLES

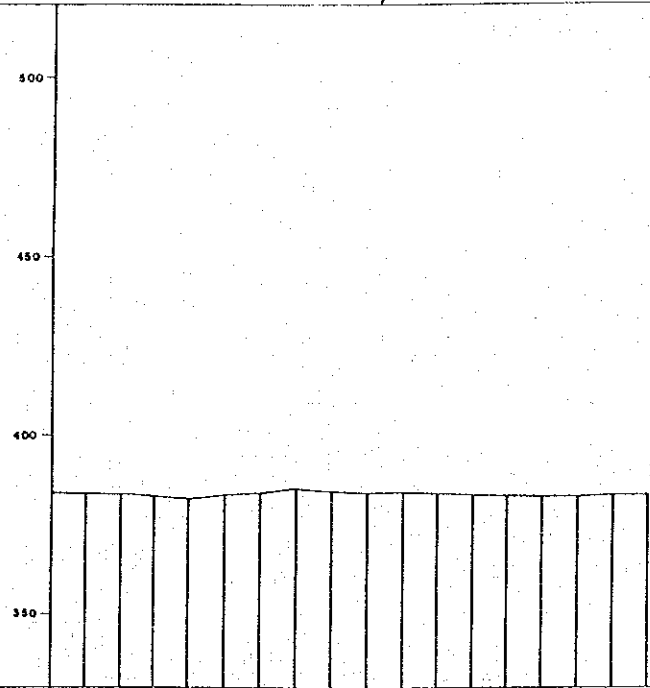
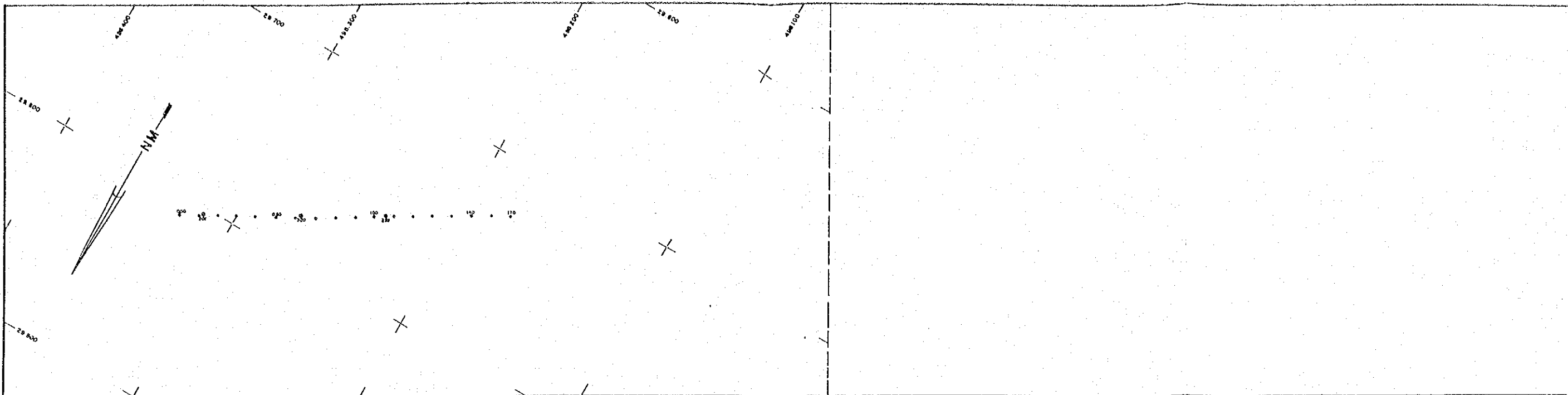
DISTANCES CUMULEES
ACCUMULATED DISTANCES

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715.00	716.00	717.00	718.00	719.00	720.00	721.00	722.00	723.00	724.00	725.00	726.00	727.00	728.00	729.00	730.00	731.00	732.00	733.00	734.00	735.00	
0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00	60.00	65.00	70.00	75.00	80.00	85.00	90.00	95.00	100.00	
715.00	720.00	725.00	730.00	735.00	740.00	745.00	750.00	755.00	760.00	765.00	770.00	775.00	780.00	785.00	790.00	795.00	800.00	805.00	810.00	815.00	820.00

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REPUBLIC OF CAMEROON
 SOCIETE NATIONALE D'ELECTRICITE DU CAMEROUN
 MEMVE ELE HYDROELECTRIC POWER DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY

SOCIETE DE TOPOGRAPHIE ET DE SERVICES SARL	TITLE OF DRAWING TOPOGRAPHIC SURVEY OF SEISMIC EXPLORATION LINES SD4 N102	SCHEME: MEMVE ELE
	LOCATION: NYABESSAN REGENCY: N102 PROVINCE: BUD	
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APPROVED BY		TOTAL SHEET 32 AUG 1991



PLAN DE COMPARAISON = 330

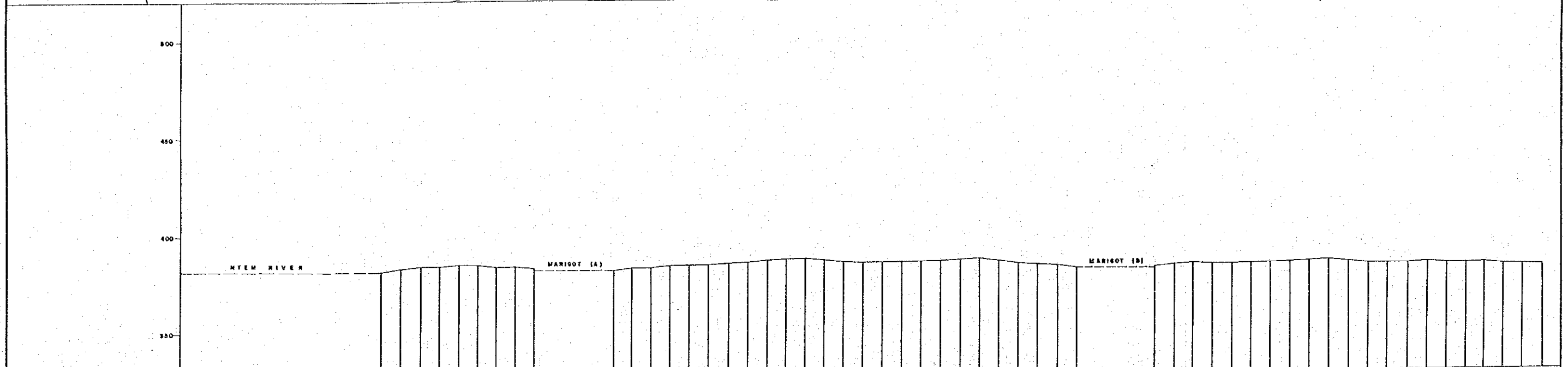
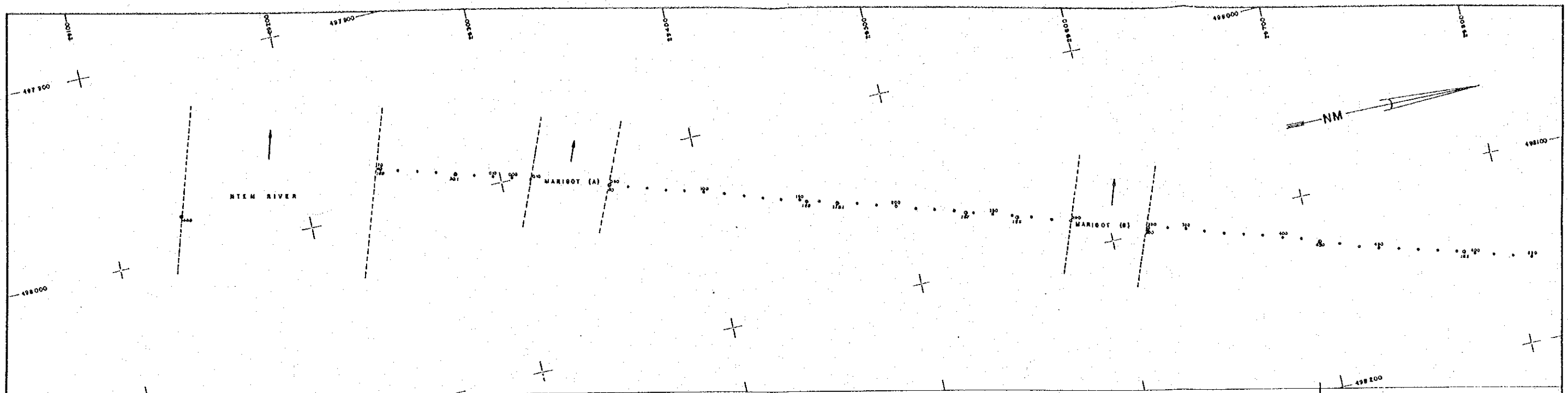
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ALTITUDES TERRAIN NATUREL HEIGHT NATURAL GROUND	350.17	350.00	349.80	349.60	349.40	349.20	349.00	348.80	348.60	348.40	348.20	348.00	347.80	347.60	347.40	347.20	347.00	346.80
DISTANCES PARTIELLES	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	110.00	120.00	130.00	140.00	150.00	160.00	170.00
DISTANCES CUMULEES ACCUMULATED DISTANCES	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	110.00	120.00	130.00	140.00	150.00	160.00	170.00

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 Station du relevé 65 ●
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REPUBLIC OF CAMEROON
SOCIETE NATIONALE D'ELECTRICITE DU CAMEROUN

MEMVE ELE HYDROELECTRIC POWER DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY

SOCIETE DE TOPOGRAPHIE ET DE SERVICES SARL.	TITLE OF DRAWING TOPOGRAPHIC SURVEY OF SEISMIC EXPLOITATION LINES EAL 804	SCHEME: MEMVE ELE LOCATION: NYABERAM AGENCY: NTEM PROVINCE: SUD
	SCALE H: 1/1000 V: 1/1000	SHEET NUMBER: 8 DATE: AUG 1981
CHECKED BY: _____	APPROVED BY: _____	TOTAL SHEET: 32



PLAN DE COMPARAISON = 330	
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ALTITUDES TERRAIN NATUREL HEIGHT NATURAL GROUND	488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650
DISTANCES PARTIELLES	102.24
DISTANCES CUMULEES ACCUMULATED DISTANCES	488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650

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Piquet profil 450 ○
Profil pg

REPUBLIC OF CAMEROON

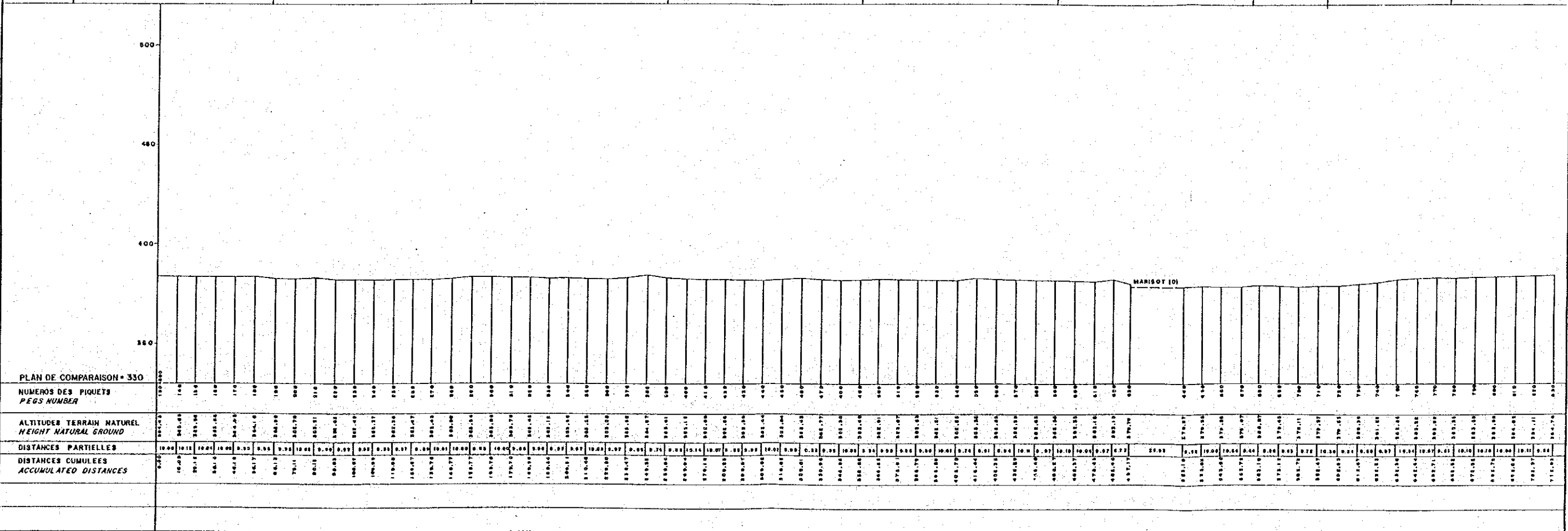
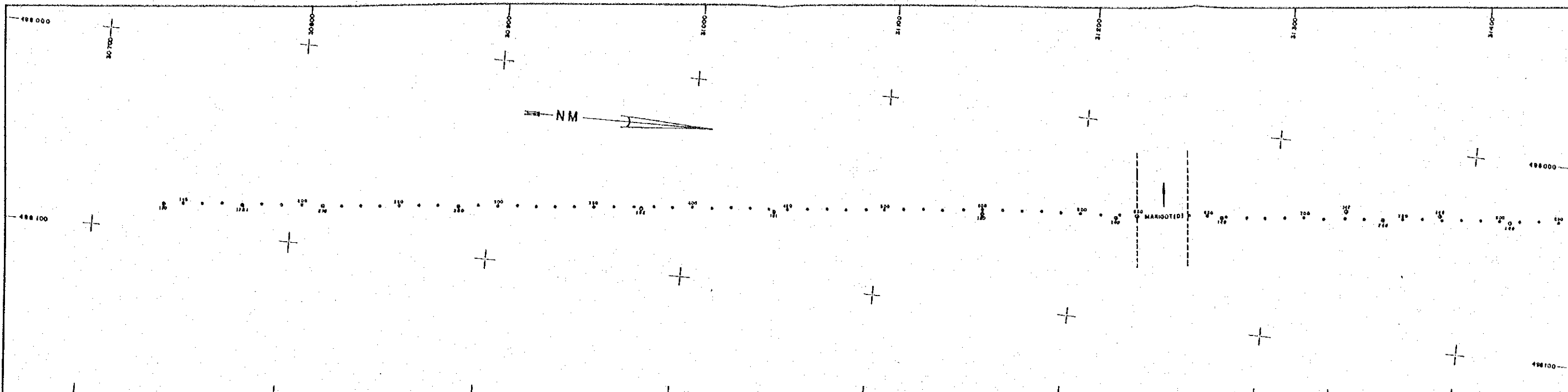
SOCIETE NATIONALE D'ELECTRICITE DU CAMEROUN

MEMVE ELE HYDROELECTRIC POWER DEVELOPMENT PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY

SOCIETE DE TOPOGRAPHIE ET DE SERVICES SARL	TITLE OF DRAWING	SCHEME: MEMVE ELE
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		REGENCY: NYTEM
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DATE: AUB 1981



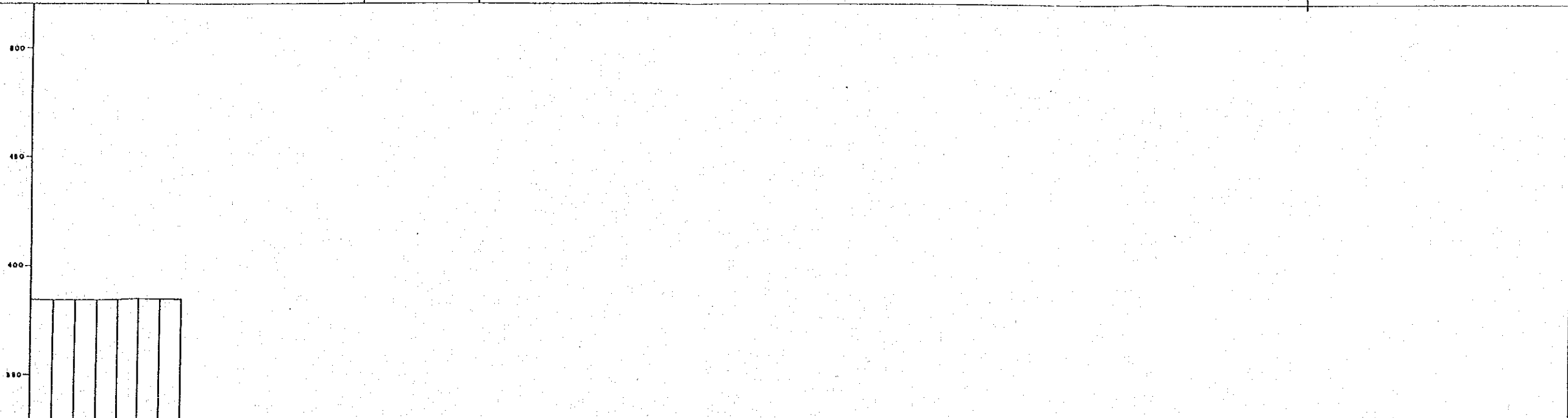
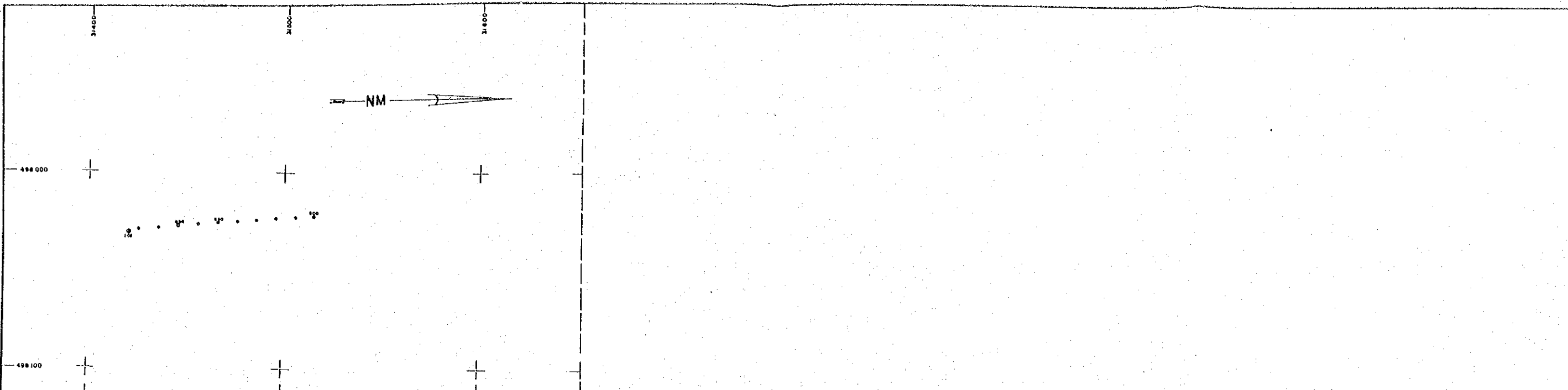
PLAN DE COMPARAISON = 330

NUMEROS DES PIQUETS PEGS NUMBER	ALTITUDES TERRAIN NATUREL HEIGHT NATURAL GROUND	DISTANCES PARTIELLES	DISTANCES CUMULEES ACCUMULATED DISTANCES
100	381.4	10.00	10.00
110	380.0	10.15	20.15
120	379.0	10.25	30.40
130	378.0	10.30	40.70
140	377.0	10.35	51.05
150	376.0	10.40	61.45
160	375.0	10.45	71.90
170	374.0	10.50	82.40
180	373.0	10.55	92.95
190	372.0	10.60	103.55
200	371.0	10.65	114.20
210	370.0	10.70	124.90
220	369.0	10.75	135.65
230	368.0	10.80	146.45
240	367.0	10.85	157.30
250	366.0	10.90	168.20
260	365.0	10.95	179.15
270	364.0	11.00	190.15
280	363.0	11.05	201.20
290	362.0	11.10	212.30
300	361.0	11.15	223.45
310	360.0	11.20	234.65
320	359.0	11.25	245.90
330	358.0	11.30	257.20
340	357.0	11.35	268.55
350	356.0	11.40	279.95
360	355.0	11.45	291.40
370	354.0	11.50	302.90
380	353.0	11.55	314.45
390	352.0	11.60	326.05
400	351.0	11.65	337.70
410	350.0	11.70	349.40
420	349.0	11.75	361.15
430	348.0	11.80	372.95
440	347.0	11.85	384.80
450	346.0	11.90	396.70
460	345.0	11.95	408.65
470	344.0	12.00	420.65
480	343.0	12.05	432.70
490	342.0	12.10	444.80
500	341.0	12.15	456.95
510	340.0	12.20	469.15
520	339.0	12.25	481.40

LEGENDE
 Station du relevé 65 •
 Piquet profil 450 ○
 Profil pag 450 ○

REPUBLIC OF CAMEROON
 SOCIETE NATIONALE D'ELECTRICITE DU CAMEROUN
 MEMVE ELE HYDROELECTRIC POWER DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY

SOCIETE DE TOPOGRAPHIE ET DE SERVICES SARL	TITLE OF DRAWING TOPOGRAPHIC SURVEY OF SEISMIC EXPLORATION LINES BDB(4)M F01	SCHEME: MEMVE ELE LOCATION: NYABESSAN REGENCY: N TEM PROVINCE: SUD
	CHECKED BY	SHEET NUMBER 13
APPROVED BY	SCALE H : 1/1000 V : 1/1000	TOTAL SHEET 32
		DATE AUG. 1991



PLAN DE COMPARAISON = 330

NUMEROS DES PIQUETS PEGS NUMBER	01	02	03	04	05	06	07	08	09	10
ALTITUDES TERRAIN NATUREL HEIGHT NATURAL GROUND	355.70	356.87	344.70	346.70	346.70	346.70	346.87	346.87	346.87	346.87
DISTANCES PARTIELLES	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
DISTANCES CUMULEES ACCUMULATED DISTANCES	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00

LEGENDE

Station du relevé 65 •

Piquet profil 450 •

Profil pag

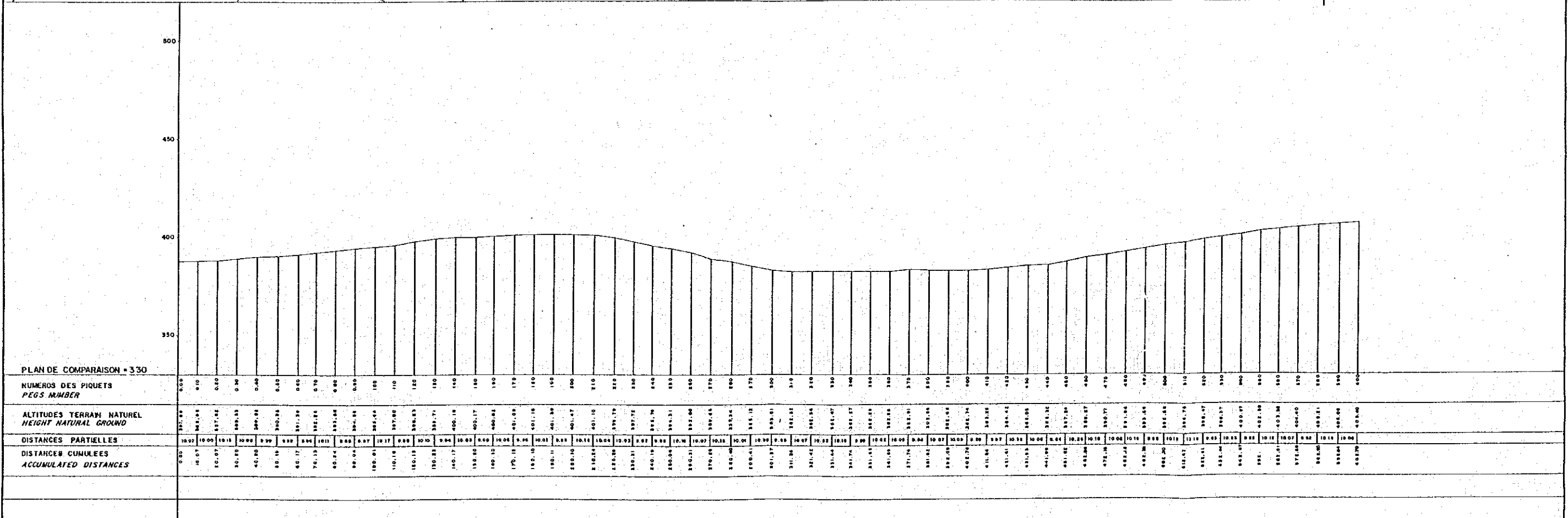
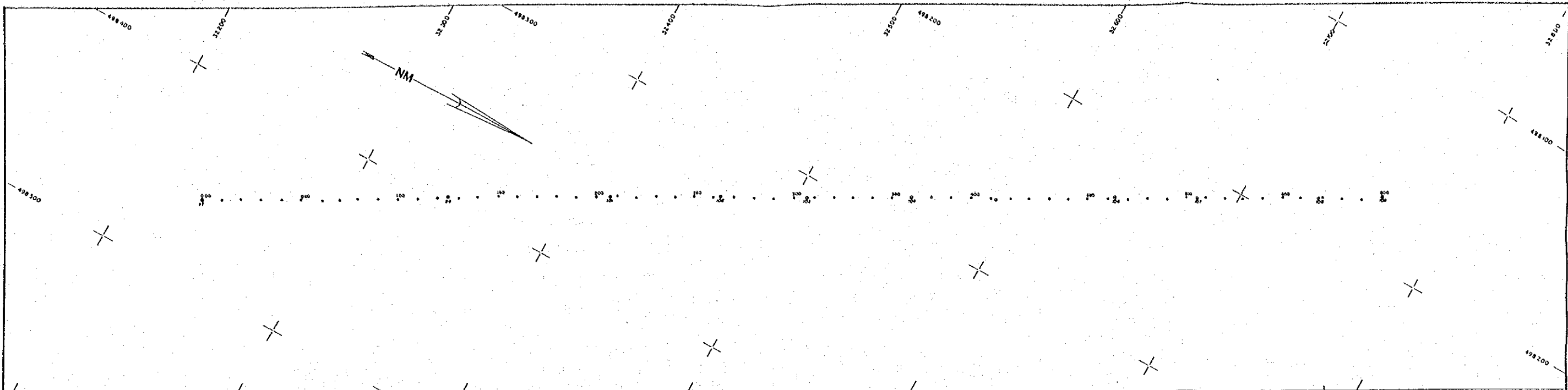
REPUBLIC OF CAMEROON

SOCIETE NATIONALE D'ELECTRICITE DU CAMEROUN

MEMVE ELE HYDROELECTRIC POWER DEVELOPMENT PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY

SOCIETE DE TOPOGRAPHIE ET DE SERVICES SAAL	TITLE OF DRAWING TOPOGRAPHIC SURVEY OF SEISMIC EXPLORATION LINE 805(4)H408	SCHEME: MEMVE ELE LOCATION: NYABESSAN REGENCY: N TEM PROVINCE: LUD
	SC ALE H : 1/1000 V : 1/1000	SHEET NUMBER 14 DATE TOTAL SHEET 32 AUG. 1991
CHECKED BY		
APPROVED BY		



LEGENDE

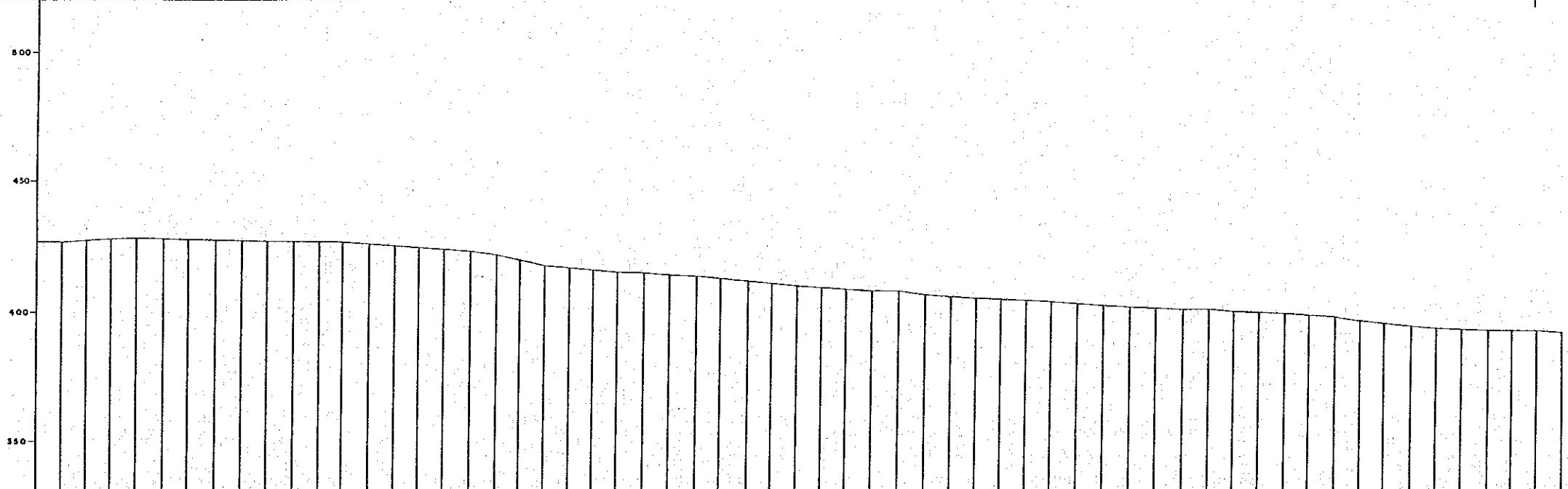
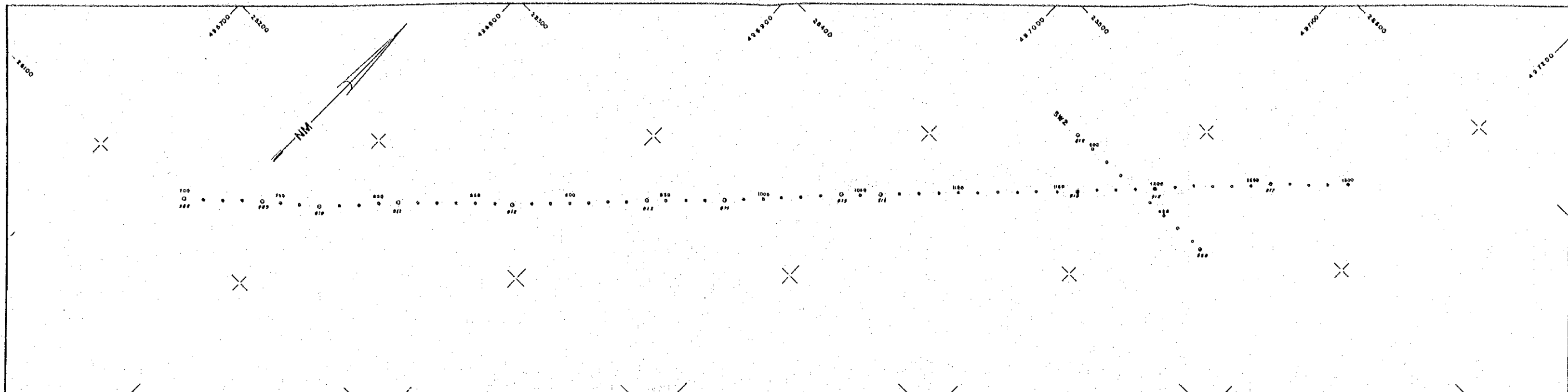
Station de relevé 63 ●
 Piquet profil 450 ○
 Profil peg

REPUBLIC OF CAMEROON
 SOCIETE NATIONALE D'ELECTRICITE DU CAMEROUN

MEMVE ELE HYDROELECTRIC POWER DEVELOPMENT PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY

SOCIETE DE TOPOGRAPHIE ET DE SERVICES SARL	TITLE OF DRAWING TOPOGRAPHIC SURVEY OF SEISMIC EXPLORATION LINES SDS(6)	SCHEME: MEMVE ELE
	LOCATION: NYABERHAM REGENCY: NIEM	PROVINCE: SUD
CHECKED BY	SCALE H 1/1000 V 1/1000	SHEET NUMBER 17 DATE
APPROVED BY		TOTAL SHEET 32 AUG 1991



PLAN DE COMPARAISON = 330

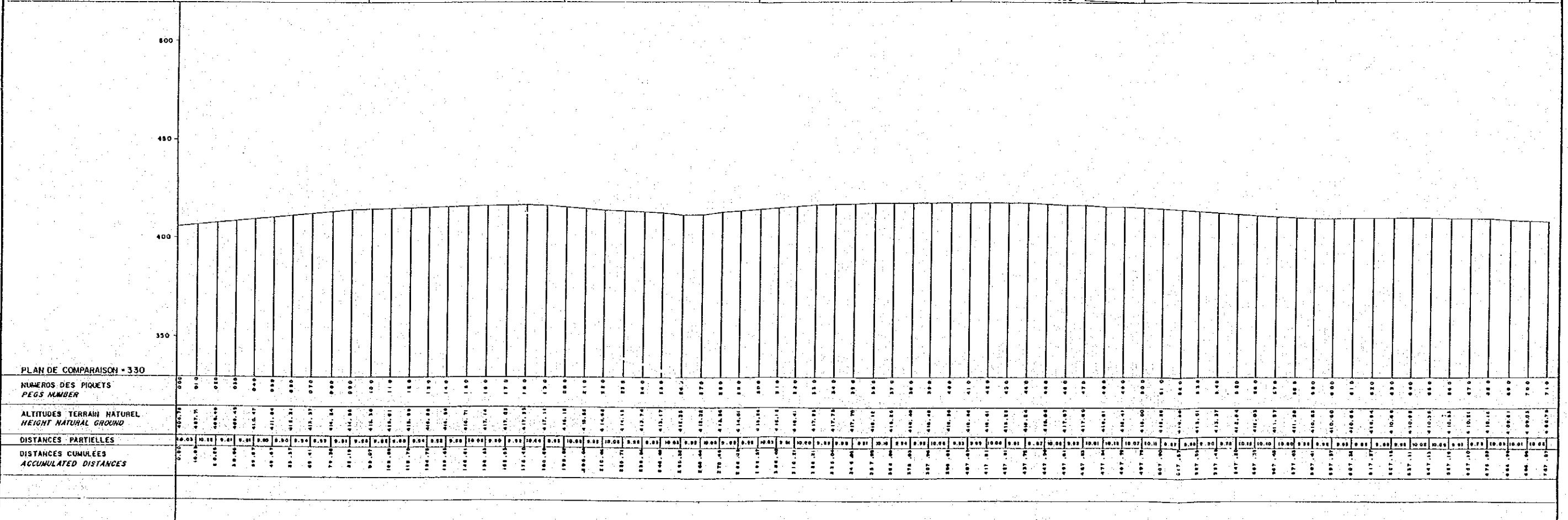
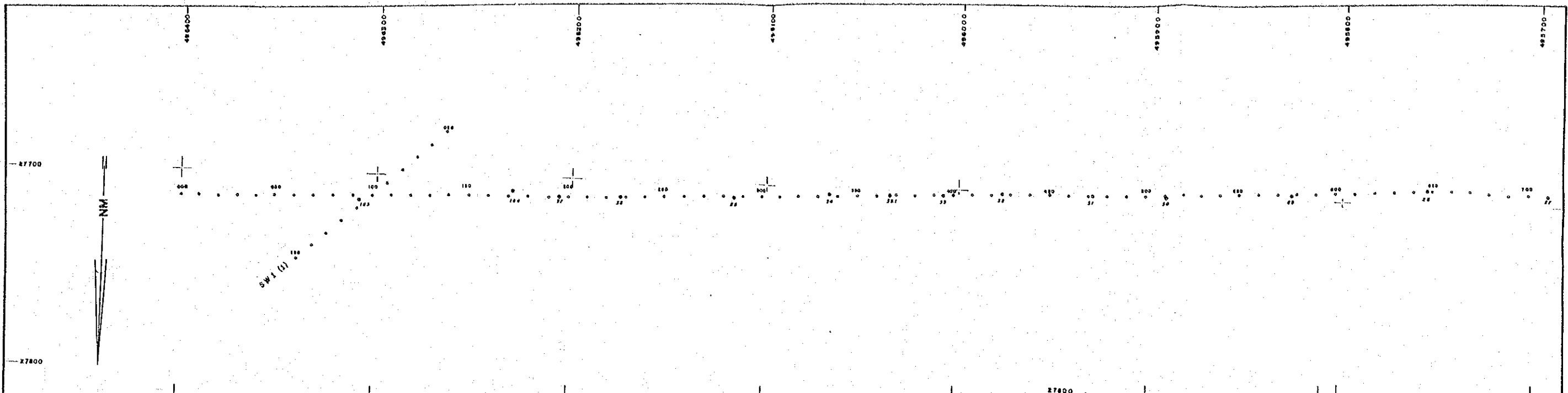
NUMEROS DES PIQUETS PEGS NUMBER	ALTITUDES TERRAIN NATUREL HEIGHT NATURAL GROUND	DISTANCES PARTIELLES PARTIAL DISTANCES	DISTANCES CUMULEES ACCUMULATED DISTANCES
700	450.00	0.00	0.00
710	448.00	10.00	10.00
720	446.00	20.00	20.00
730	444.00	30.00	30.00
740	442.00	40.00	40.00
750	440.00	50.00	50.00
760	438.00	60.00	60.00
770	436.00	70.00	70.00
780	434.00	80.00	80.00
790	432.00	90.00	90.00
800	430.00	100.00	100.00
810	428.00	110.00	110.00
820	426.00	120.00	120.00
830	424.00	130.00	130.00
840	422.00	140.00	140.00
850	420.00	150.00	150.00
860	418.00	160.00	160.00
870	416.00	170.00	170.00
880	414.00	180.00	180.00
890	412.00	190.00	190.00
900	410.00	200.00	200.00
910	408.00	210.00	210.00
920	406.00	220.00	220.00
930	404.00	230.00	230.00
940	402.00	240.00	240.00
950	400.00	250.00	250.00
960	398.00	260.00	260.00
970	396.00	270.00	270.00
980	394.00	280.00	280.00
990	392.00	290.00	290.00
1000	390.00	300.00	300.00
1010	388.00	310.00	310.00
1020	386.00	320.00	320.00
1030	384.00	330.00	330.00
1040	382.00	340.00	340.00
1050	380.00	350.00	350.00
1060	378.00	360.00	360.00
1070	376.00	370.00	370.00
1080	374.00	380.00	380.00
1090	372.00	390.00	390.00
1100	370.00	400.00	400.00
1110	368.00	410.00	410.00
1120	366.00	420.00	420.00
1130	364.00	430.00	430.00
1140	362.00	440.00	440.00
1150	360.00	450.00	450.00
1160	358.00	460.00	460.00
1170	356.00	470.00	470.00
1180	354.00	480.00	480.00
1190	352.00	490.00	490.00
1200	350.00	500.00	500.00

LEGENDE

Station du relevé 65 •
Piquet profil 450 o
Profil peg

REPUBLIC OF CAMEROON
SOCIETE NATIONALE D'ELECTRICITE DU CAMEROUN
MEMVE ELE HYDROELECTRIC POWER DEVELOPMENT PROJECT
JAPAN INTERNATIONAL COOPERATION AGENCY

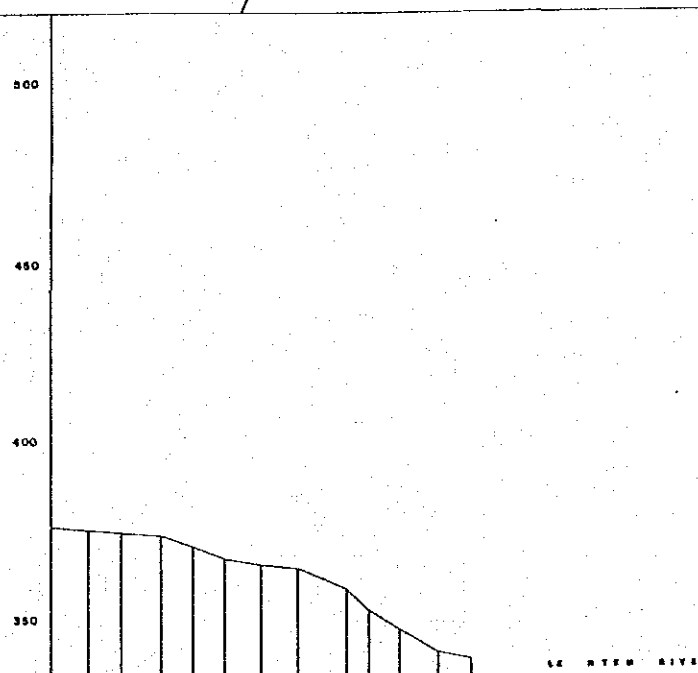
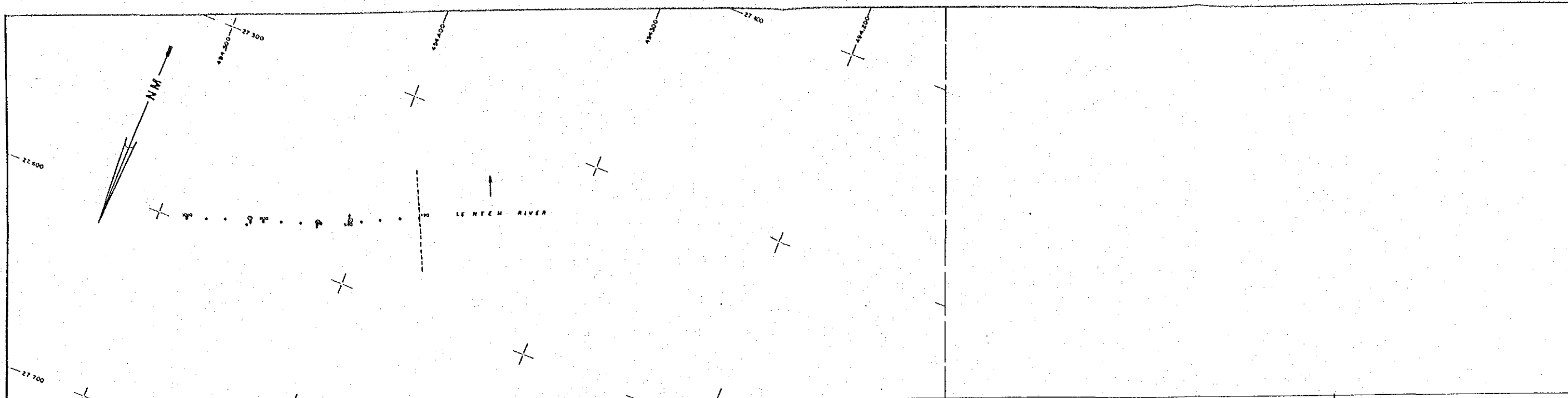
SOCIETE DE TOPOGRAPHIE ET DE SERVICES SARL.	TITLE OF DRAWING	SCHEME : MEMVE ELE
	TOPOGRAPHIC SURVEY OF SEISMIC EXPLORATION LINES SW(1) N40Z	LOCATION : NYABESSAN
CHECKED BY	SCALE	SHEET NUMBER 19
APPROVED BY	H : 1/1000 V : 1/1000	DATE
		TOTAL SHEET 32
		AUG 1991



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Station de relevé 63 •
 Piquet profil 450 ◦
 Profil peg

REPUBLIC OF CAMEROON			
SOCIÉTÉ NATIONALE D'ÉLECTRICITÉ DU CAMEROON			
MEMVE ELE HYDROELECTRIC POWER DEVELOPMENT PROJECT			
JAPAN INTERNATIONAL COOPERATION AGENCY			
SOCIÉTÉ DE TOPOGRAPHIE ET DE SERVICES SARL	TITLE OF DRAWING	SCHEME : MEMVE ELE	
	TOPOGRAPHIC SURVEY OF SEISMIC EXPLORATION LINES SW1(2)H#01	LOCATION: NYABESSAN	REGENCY : NTEM
CHECKED BY	SCALE H : 1/1000 V : 1/1000	PROVINCE : SUD	SHEET NUMBER 20
APPROVED BY		TOTAL SHEET 32	DATE AUG 1974



PLAN DE COMPARAISON = 330

NUMEROS DES PQUETS
PEGS NUMBER

1080 1076 1080 1085 1088 1110 1120 1130 1140 1150 1160 1170 1180

ALTITUDES TERRAIN NATUREL
HEIGHT NATURAL GROUND

374.25 374.25 376.00 376.85 377.25 387.25 387.71 388.00 388.25 388.25 388.25 388.25 388.25

DISTANCES PARTIELLES

0.07 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

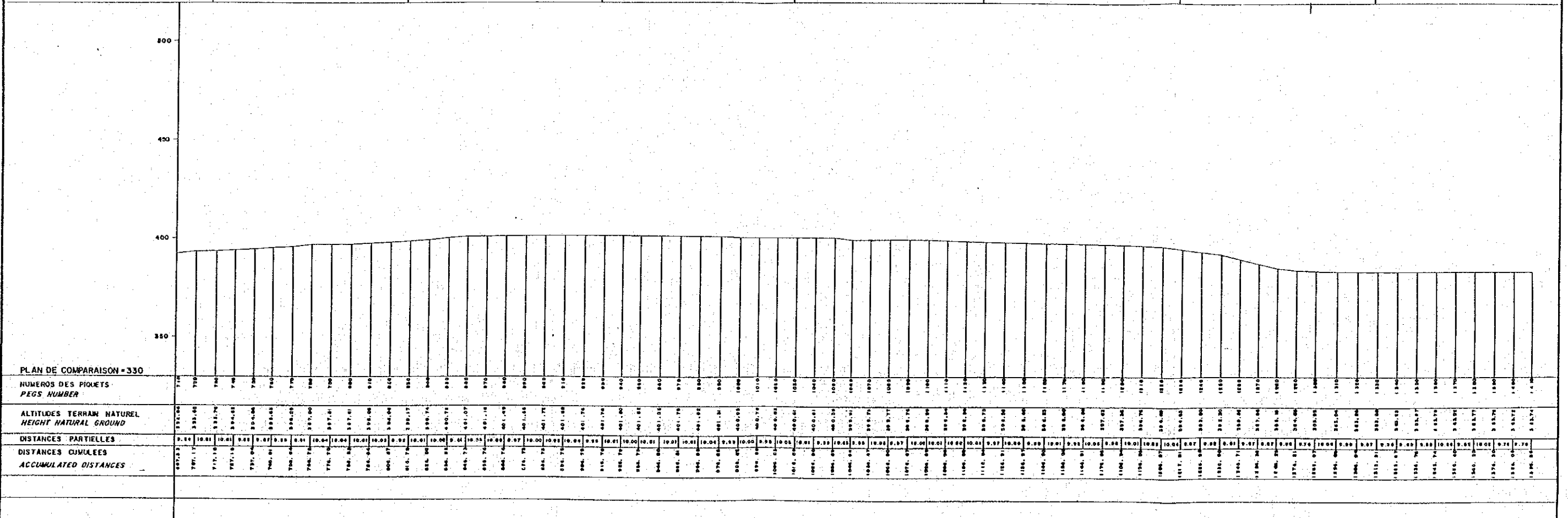
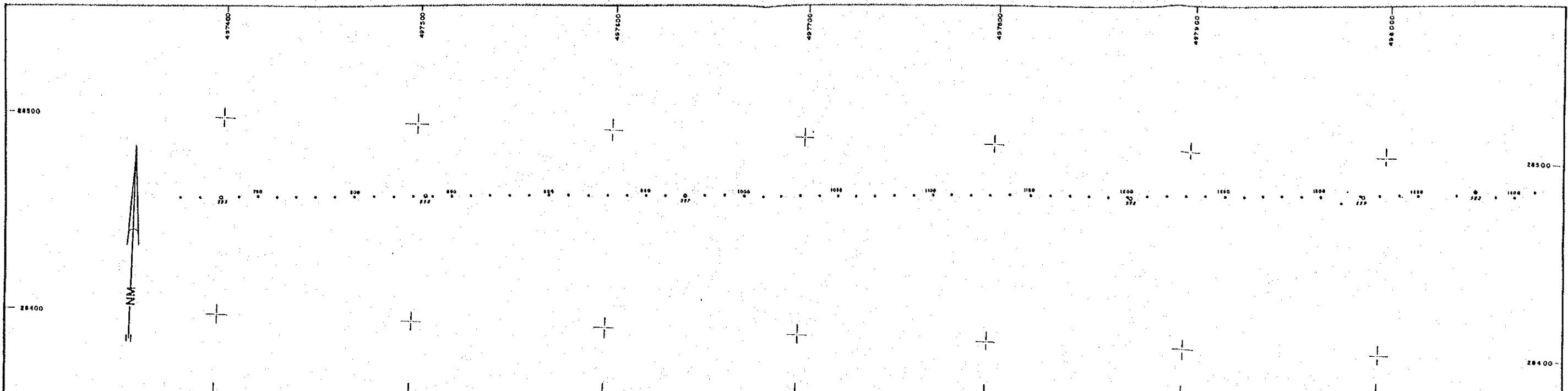
DISTANCES CUMULEES
ACCUMULATED DISTANCES

0.07 0.07 0.07 0.07 0.07 0.07 0.07 0.07 0.07 0.07 0.07 0.07 0.07

LEGENDE

Station du relevé 65 •
Piquet profil 450 ○
Profil peg

REPUBLIC OF CAMEROON		
SOCIETE NATIONALE D'ELECTRICITE DU CAMEROUN		
MEMVE ELE HYDROELECTRIC POWER DEVELOPMENT PROJECT		
JAPAN INTERNATIONAL COOPERATION AGENCY		
SOCIETE DE TOPOGRAPHIE ET DE SERVICES SARL.	TITLE OF DRAWING	SCHEME: MEMVE ELE
	TOPOGRAPHIC SURVEY OF SEISMIC EXPLORATION LINES SW(13)HFD2	LOCATION: NYABESSAN REGENCY: NYEM
CHECKED BY	SCALE	PROVINCE: SUD
APPROVED BY	H: 1/1000 V: 1/1000	SHEET NUMBER 24 DATE
		TOTAL SHEET 32 AUG 1991



PLAN DE COMPARAISON = 330

NUMEROS DES PLOUETS PEGS NUMBER	ALTITUDES TERRAIN NATUREL HEIGHT NATURAL GROUND	DISTANCES PARTIELLES	DISTANCES CUMULEES ACCUMULATED DISTANCES
714	331.00	0.00	0.00
715	331.00	10.01	10.01
716	331.74	10.01	20.02
717	334.81	9.87	29.89
718	335.06	9.81	39.70
719	336.05	10.04	49.74
720	335.90	10.04	59.78
721	337.81	10.01	69.79
722	337.41	10.03	79.82
723	338.00	9.92	89.74
724	338.40	10.01	99.75
725	338.17	10.01	109.76
726	339.74	9.64	119.40
727	340.71	10.55	129.95
728	341.07	10.09	140.04
729	341.16	10.09	150.13
730	341.49	9.97	160.10
731	341.65	10.00	170.10
732	341.77	10.03	180.13
733	341.89	9.98	190.11
734	341.76	10.01	200.12
735	341.70	10.01	210.13
736	341.80	10.01	220.14
737	341.81	10.01	230.15
738	341.81	10.01	240.16
739	341.79	10.01	250.17
740	341.82	10.01	260.18
741	341.81	10.01	270.19
742	341.81	10.01	280.20
743	341.81	10.01	290.21
744	341.81	10.01	300.22
745	341.81	10.01	310.23
746	341.81	10.01	320.24
747	341.81	10.01	330.25
748	341.81	10.01	340.26
749	341.81	10.01	350.27
750	341.81	10.01	360.28
751	341.81	10.01	370.29
752	341.81	10.01	380.30
753	341.81	10.01	390.31
754	341.81	10.01	400.32
755	341.81	10.01	410.33
756	341.81	10.01	420.34
757	341.81	10.01	430.35
758	341.81	10.01	440.36
759	341.81	10.01	450.37
760	341.81	10.01	460.38
761	341.81	10.01	470.39
762	341.81	10.01	480.40
763	341.81	10.01	490.41
764	341.81	10.01	500.42
765	341.81	10.01	510.43
766	341.81	10.01	520.44
767	341.81	10.01	530.45
768	341.81	10.01	540.46
769	341.81	10.01	550.47
770	341.81	10.01	560.48
771	341.81	10.01	570.49
772	341.81	10.01	580.50
773	341.81	10.01	590.51
774	341.81	10.01	600.52
775	341.81	10.01	610.53
776	341.81	10.01	620.54
777	341.81	10.01	630.55
778	341.81	10.01	640.56
779	341.81	10.01	650.57
780	341.81	10.01	660.58
781	341.81	10.01	670.59
782	341.81	10.01	680.60
783	341.81	10.01	690.61
784	341.81	10.01	700.62
785	341.81	10.01	710.63
786	341.81	10.01	720.64
787	341.81	10.01	730.65
788	341.81	10.01	740.66
789	341.81	10.01	750.67
790	341.81	10.01	760.68
791	341.81	10.01	770.69
792	341.81	10.01	780.70
793	341.81	10.01	790.71
794	341.81	10.01	800.72
795	341.81	10.01	810.73
796	341.81	10.01	820.74
797	341.81	10.01	830.75
798	341.81	10.01	840.76
799	341.81	10.01	850.77
800	341.81	10.01	860.78

LEGENDE

Station de relevé 65 ◦

Piquet profil 450 ◦

Profil peg

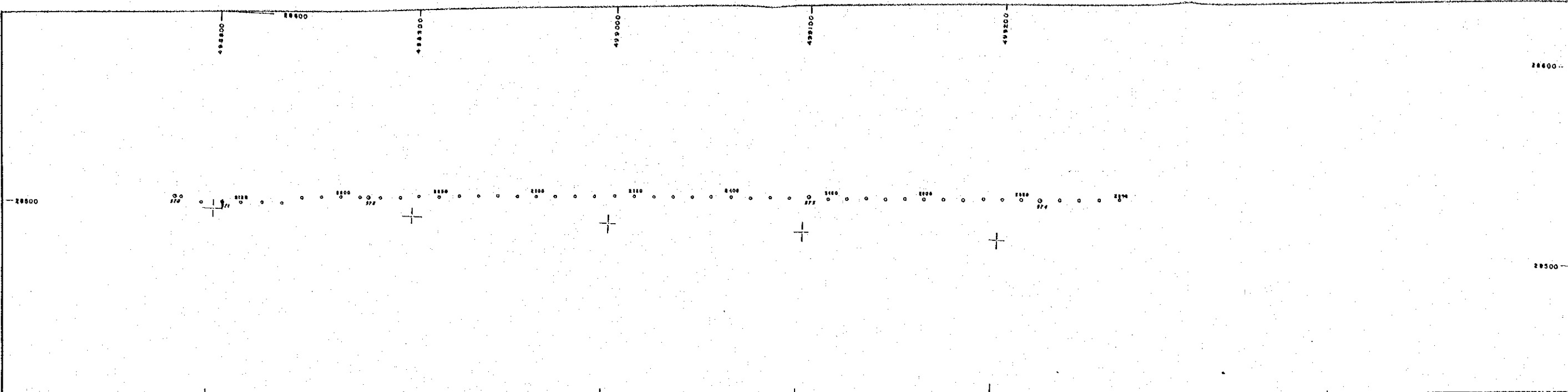
REPUBLIC OF CAMEROON

SOCIETE NATIONALE D'ELECTRICITE DU CAMEROUN

MEMVE ELE HYDROELECTRIC POWER DEVELOPMENT PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY

SOCIETE DE TOPOGRAPHIE ET DE SERVICES SARL	TITLE OF DRAWING TOPOGRAPHIC SURVEY OF SEISMIC EXPLORATION LINES SW2 N°02	SCHEME: MEMVE ELE LOCATION: NYABESSAN REGENCY: NTEM PROVINCE: BUD
	CHECKED BY	SCALE H : 1/1000 V : 1/1000
APPROVED BY	TOTAL SHEET 32	SHEET NUMBER 26 DATE AUG 1991

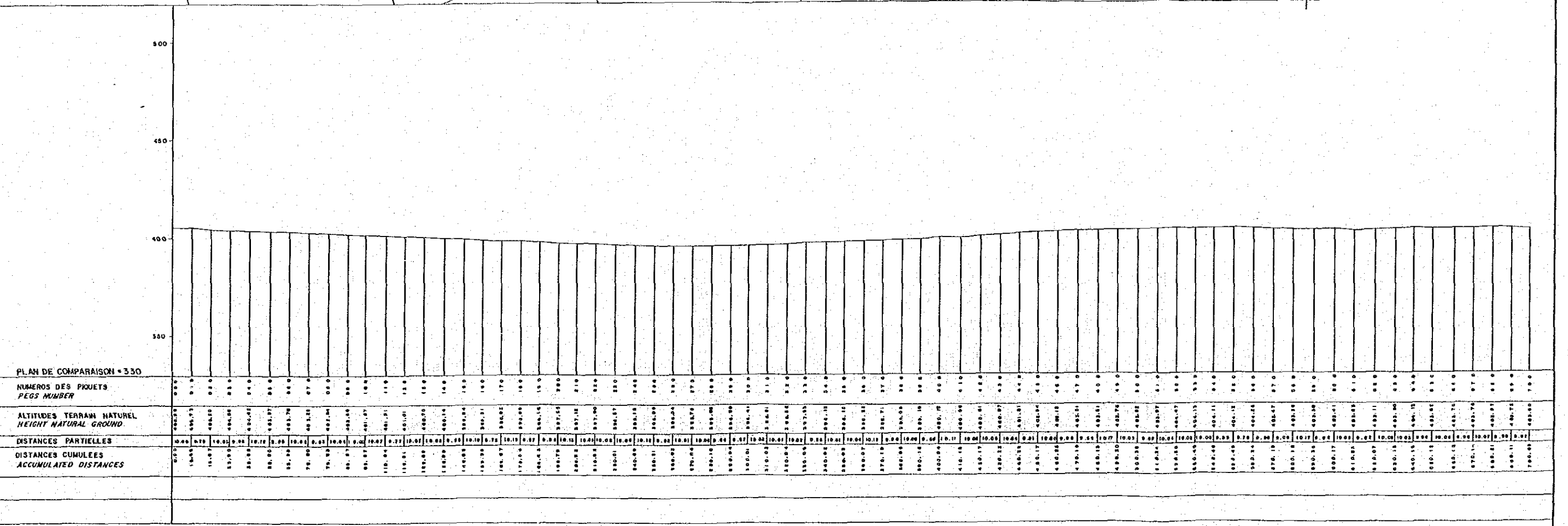
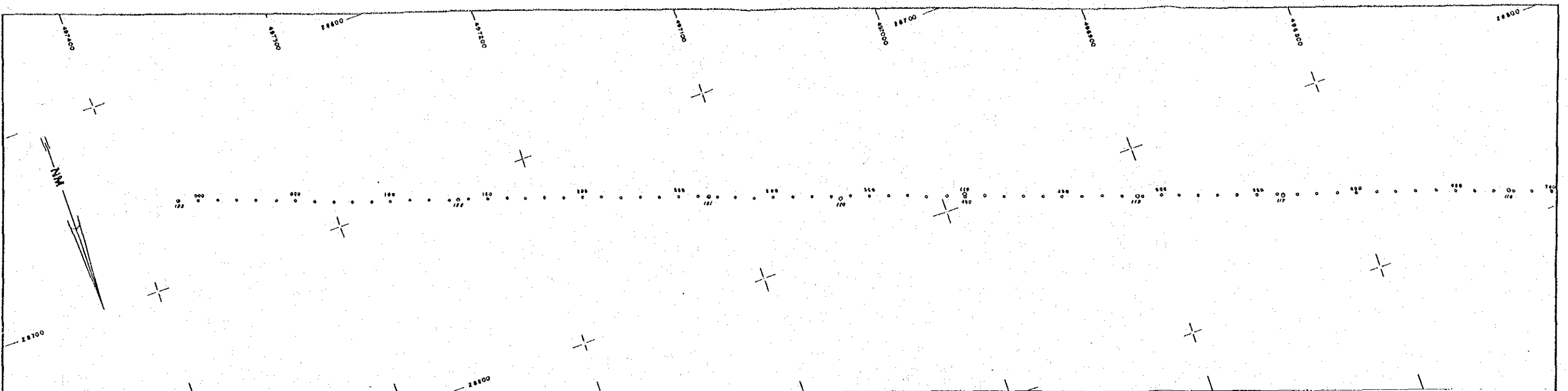


PLAN DE COMPARAISON # 330	
NUMEROS DES PIQUEYS PEGS NUMBER	
ALTITUDES TERRAIN NATUREL HEIGHT NATURAL GROUND	
DISTANCES PARTIELLES	
DISTANCES CUMULEES ACCUMULATED DISTANCES	
1100	1110
1120	1130
1140	1150
1160	1170
1180	1190
1200	1210
1220	1230
1240	1250
1260	1270
1280	1290
1300	1310
1320	1330
1340	1350
1360	1370
1380	1390
1400	1410
1420	1430
1440	1450
1460	1470
1480	1490
1500	1510
1520	1530
1540	1550
1560	1570
1580	1590
1600	1610
1620	1630
1640	1650
1660	1670
1680	1690
1700	1710
1720	1730
1740	1750
1760	1770
1780	1790
1800	1810
1820	1830
1840	1850
1860	1870
1880	1890
1900	1910
1920	1930
1940	1950
1960	1970
1980	1990
2000	2010
2020	2030
2040	2050
2060	2070
2080	2090
2100	2110
2120	2130
2140	2150
2160	2170
2180	2190
2200	2210
2220	2230
2240	2250
2260	2270
2280	2290
2300	2310
2320	2330
2340	2350
2360	2370
2380	2390
2400	2410
2420	2430
2440	2450
2460	2470
2480	2490
2500	2510
2520	2530
2540	2550
2560	2570
2580	2590
2600	2610
2620	2630
2640	2650
2660	2670
2680	2690
2700	2710
2720	2730
2740	2750
2760	2770
2780	2790
2800	2810
2820	2830
2840	2850
2860	2860

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 Station du relevé 65 •
 Piquet profil 450 ○
 Profil peg

REPUBLIC OF CAMEROON
 SOCIETE NATIONALE D'ELECTRICITE DU CAMEROUN
 MEMVE ELE HYDROELECTRIC POWER DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY

SOCIETE DE TOPOGRAPHIE ET DE SERVICES SARL	TITLE OF DRAWING	SCHEME: MEMVE ELE
	TOPOGRAPHIC SURVEY OF SEISMIC EXPLORATION LINES SW2 N104	LOCATION: NYABESBAH REGENCY: NTEM PROVINCE: SUD
CHECKED BY	SCALE	SHEET NUMBER 28 DATE
APPROVED BY	H: 1/1000 V: 1/1000	TOTAL SHEET 32 AUG 1991



PLAN DE COMPARAISON + 330

Station du relevé 65 °
 Piquet profil 450 °
 Profil pag

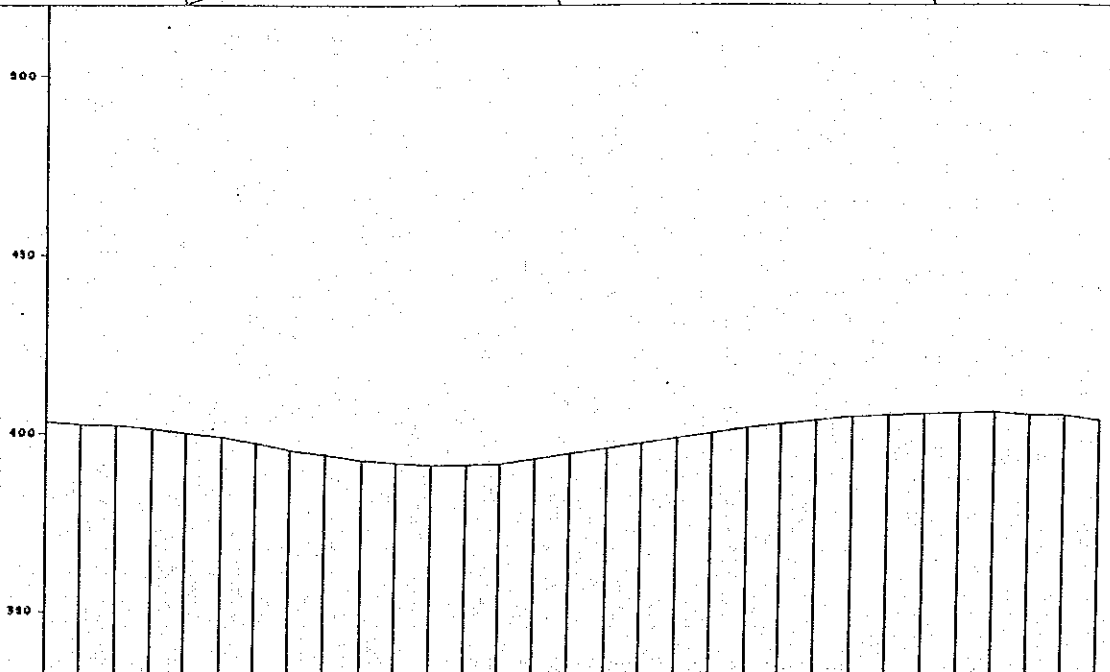
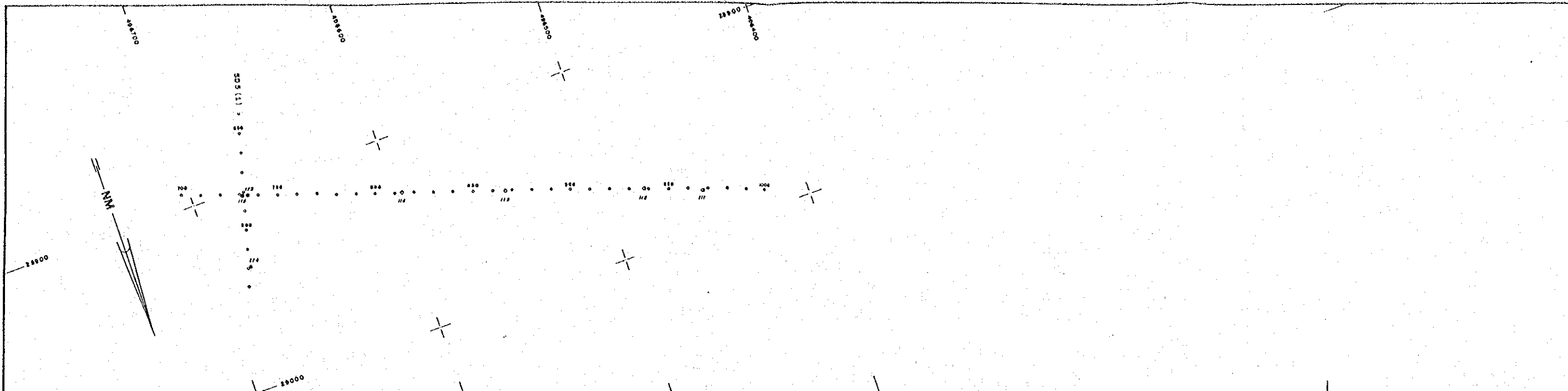
REPUBLIC OF CAMEROON

SOCIETE NATIONALE D'ELECTRICITE DU CAMEROON

MEMVE ELE HYDROELECTRIC POWER DEVELOPMENT PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY

SOCIETE DE TOPOGRAPHIE ET DE SERVICES SARL.	TITLE OF DRAWING TOPOGRAPHIC SURVEY OF SEISMIC EXPLORATION LINES SW 6(I) MFOI	SCHEME: MEMVE ELE LOCATION: NYABESSAN REGENCY: NYEM PROVINCE: SUD
CHECKED BY: _____ APPROVED BY: _____	SCALE H: 1/1000 V: 1/1000	SHEET NUMBER: 29 DATE: _____ TOTAL SHEET: 32 AUG 1991



PL. AN DE COMPARAISON - 330

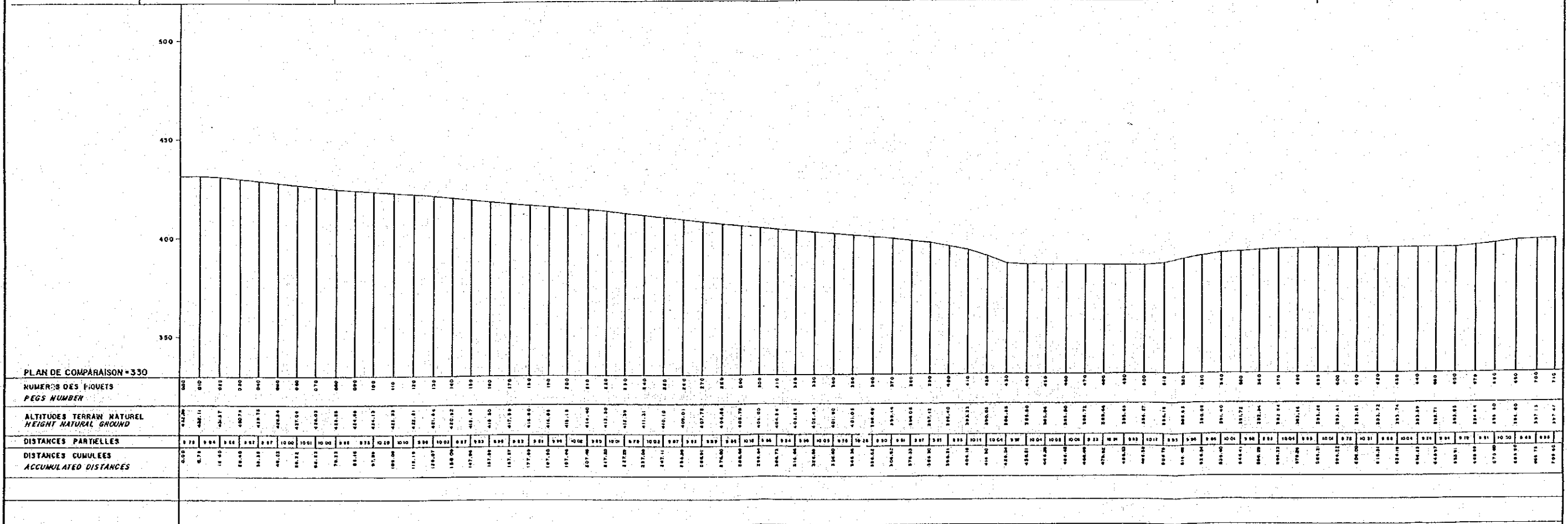
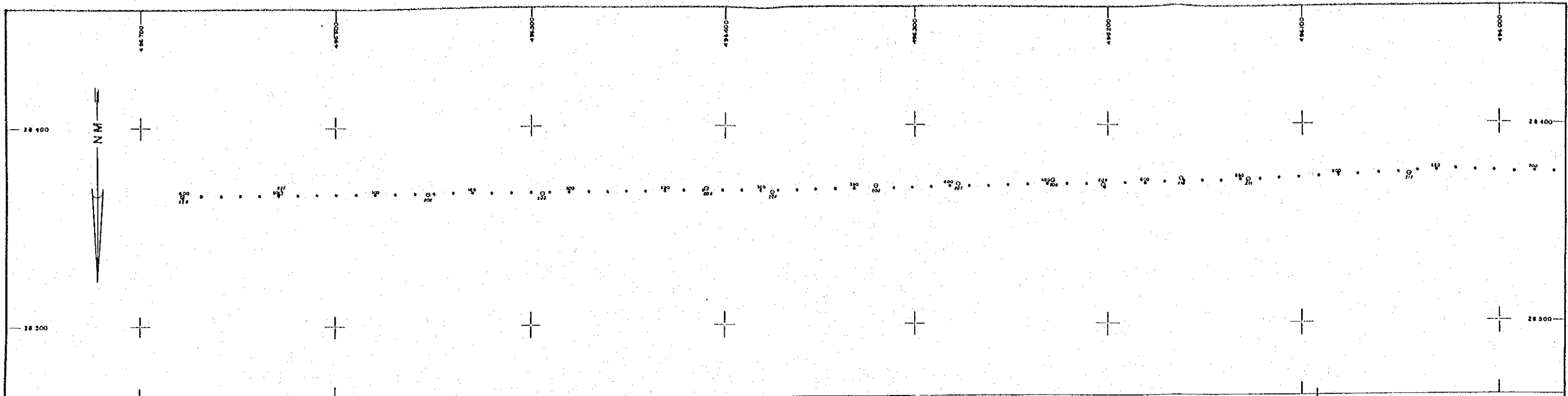
NUMEROS DES PIQUETS PEGS NUMBER	700	710	720	730	740	750	760	770	780	790	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990	1000																				
ALTITUDES TERRAIN NATUREL HEIGHT NATURAL GROUND	380.15	380.45	380.75	381.05	381.35	381.65	381.95	382.25	382.55	382.85	383.15	383.45	383.75	384.05	384.35	384.65	384.95	385.25	385.55	385.85	386.15	386.45	386.75	387.05	387.35	387.65	387.95	388.25	388.55	388.85	389.15	389.45	389.75	390.05																	
DISTANCES PARTIELLES DISTANCES CUMULEES	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	110.00	120.00	130.00	140.00	150.00	160.00	170.00	180.00	190.00	200.00	210.00	220.00	230.00	240.00	250.00	260.00	270.00	280.00	290.00	300.00	310.00	320.00	330.00	340.00	350.00	360.00	370.00	380.00	390.00	400.00	410.00	420.00	430.00	440.00	450.00	460.00	470.00	480.00	490.00	500.00

LEGENDE

- Station de relevé 63 •
- Piquet profil 450 ○
- Profil pag

REPUBLIC OF CAMEROON
SOCIETE NATIONALE D'ELECTRICITE DU CAMEROUN
MEMVE ELE HYDROELECTRIC POWER DEVELOPMENT PROJECT
JAPAN INTERNATIONAL COOPERATION AGENCY

SOCIETE DE TOPOGRAPHIE ET DE SERVICES SARL	TITLE OF DRAWING	SCHEME: MEMVE ELE
	TOPOGRAPHIC SURVEY OF SEISMIC EXPLORATION LINES SW 6(1)N02	LOCATION: NTABESSAN REGENCY: NTEH PROVINCE: SUD
CHECKED BY	SCALE	SHEET NUMBER 30 DATE
APPROVED BY	H: 1/1000 V: 1/1000	TOTAL SHEET 32 AUG. 1991



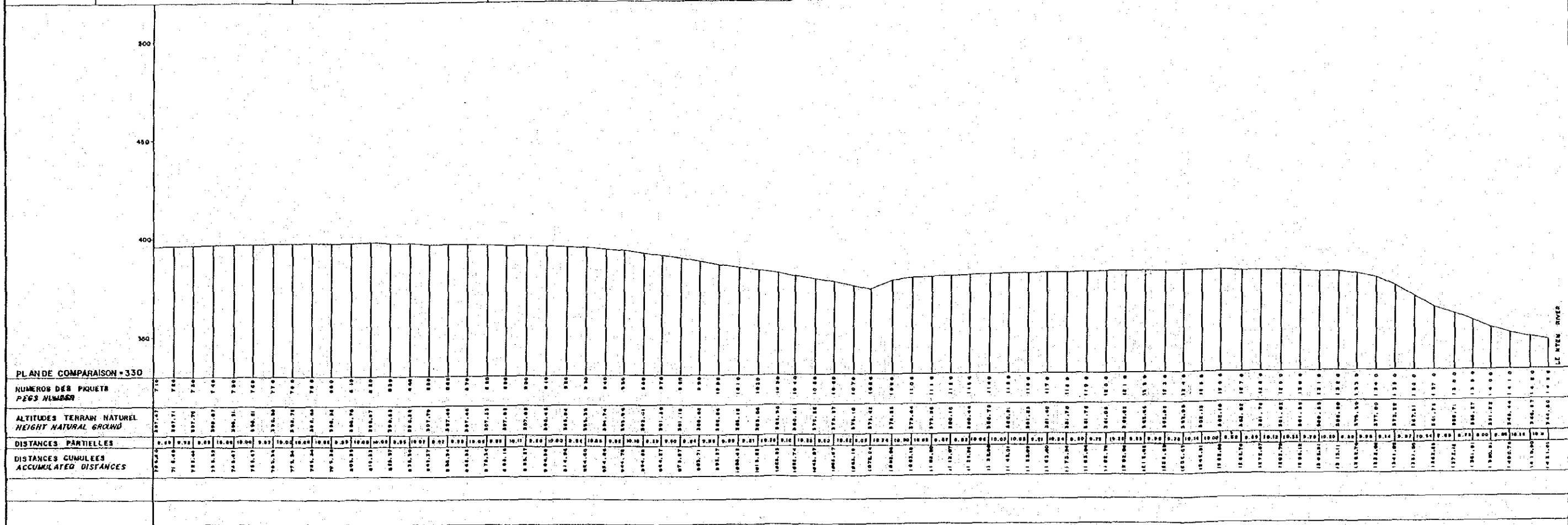
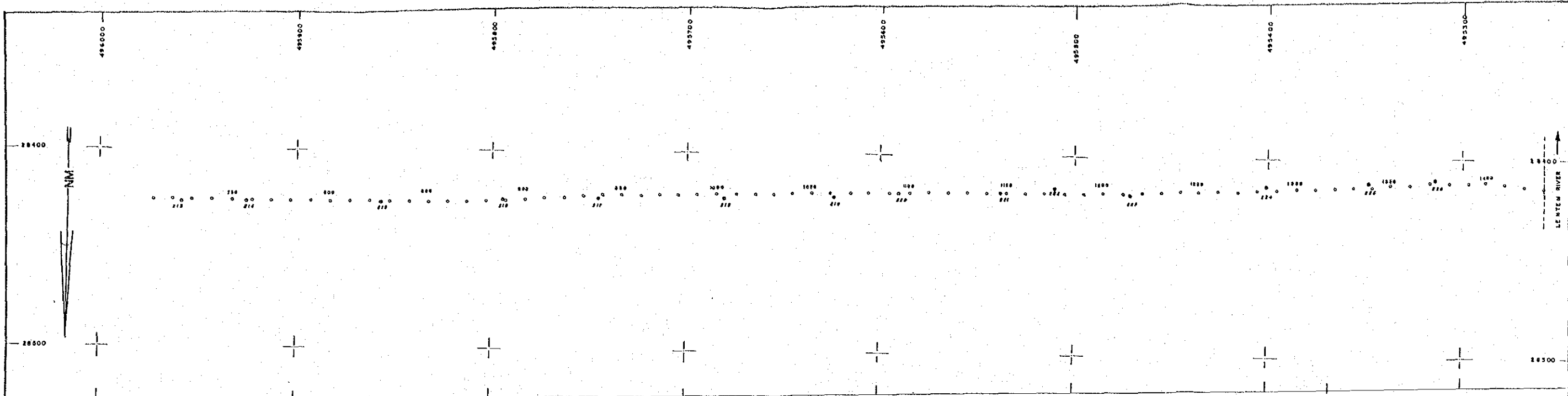
LEGENDE

Station du relevé 63 ●

Piquet profil 450 ○

Profile peg

REPUBLIC OF CAMEROON			
SOCIETE NATIONALE D'ELECTRICITE DU CAMEROUN			
MEMVE ELE HYDROELECTRIC POWER DEVELOPMENT PROJECT			
JAPAN INTERNATIONAL COOPERATION AGENCY			
SOCIETE DE TOPOGRAPHIE ET DE SERVICES SARL.	TITLE OF DRAWING	SCHEME: MEMVE ELE	
	TOPOGRAPHIC SURVEY OF SEISMIC EXPLORATION LINES SW8(2) N°1	LOCATION: NYABE SEAN	REGENCY: NIEM PROVINCE: SUD
CHECKED BY	SCALE	SHEET NUMBER	DATE
APPROVED BY	M 1/1000 V 1/1000	31	32
		TOTAL SHEET	AUG 1991



PLANE COMPARAISON = 330

NUMEROS DES PIQUETS PQS NUMBER	ALTITUDES TERRAIN NATUREL HEIGHT NATURAL GROUND	DISTANCES PARTIELLES	DISTANCES CUMULEES ACCUMULATED DISTANCES
710	327.02	0.14	195.40
760	307.71	0.78	71 8.40
765	307.70	0.03	72 8.40
766	309.07	10.00	82 18.40
767	309.31	10.00	92 28.40
768	306.01	0.07	93 28.47
770	330.20	10.00	103 38.47
775	330.71	10.00	113 48.47
780	325.20	10.00	123 58.47
785	325.20	10.00	133 68.47
790	326.20	10.00	143 78.47
795	326.20	10.00	153 88.47
800	326.20	10.00	163 98.47
805	326.20	10.00	173 108.47
810	326.20	10.00	183 118.47
815	326.20	10.00	193 128.47
820	326.20	10.00	203 138.47
825	326.20	10.00	213 148.47
830	326.20	10.00	223 158.47
835	326.20	10.00	233 168.47
840	326.20	10.00	243 178.47
845	326.20	10.00	253 188.47
850	326.20	10.00	263 198.47
855	326.20	10.00	273 208.47
860	326.20	10.00	283 218.47
865	326.20	10.00	293 228.47
870	326.20	10.00	303 238.47
875	326.20	10.00	313 248.47
880	326.20	10.00	323 258.47
885	326.20	10.00	333 268.47
890	326.20	10.00	343 278.47
895	326.20	10.00	353 288.47
900	326.20	10.00	363 298.47
905	326.20	10.00	373 308.47
910	326.20	10.00	383 318.47
915	326.20	10.00	393 328.47
920	326.20	10.00	403 338.47
925	326.20	10.00	413 348.47
930	326.20	10.00	423 358.47
935	326.20	10.00	433 368.47
940	326.20	10.00	443 378.47
945	326.20	10.00	453 388.47
950	326.20	10.00	463 398.47
955	326.20	10.00	473 408.47
960	326.20	10.00	483 418.47
965	326.20	10.00	493 428.47
970	326.20	10.00	503 438.47
975	326.20	10.00	513 448.47
980	326.20	10.00	523 458.47
985	326.20	10.00	533 468.47
990	326.20	10.00	543 478.47
995	326.20	10.00	553 488.47
1000	326.20	10.00	563 498.47

LEGENDE
 Station de relevé 65 o
 Piquet profil 450 o
 Profil pag

REPUBLIC OF CAMEROON		
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JAPAN INTERNATIONAL COOPERATION AGENCY		
SOCIETE DE TOPOGRAPHIE ET DE SERVICES SARL.	TITLE OF DRAWING	SCHEME: MEMVE ELE
	TOPOGRAPHIC SURVEY OF BEIRAC EXPLORATION LINES SW6(2)H 02	LOCATION: NYABESSAN REGENCY: NTEM PROVINCE: SUD
CHECKED BY	SCALE	SHEET NUMBER 32 DATE
APPROVED BY	H: 1/1000 V: 1/1000	TOTAL SHEET 32 AUG 1981

ANNEX 1 - 2 : TOPOGRAPHIC SURVEY OF DAM-POWERHOUSE AREA

contents

1. Principal and Secondary Traverse Nets
2. Control Station-Identification (BM No. 1 to 7)
3. Topographic Map, Scale 1/5,000 (1/2 & 2/2)
4. Topographic Map, Scale 1/1,000 (1/15 to 15/15)
5. River Cross Section at Dam Site, Scale 1/200, 4 sheets
6. River Cross Section at Gauge Station of Ntem, Scale 1/500, 1 sheet
7. River Cross Section at Powerhouse Site, Scale 1/500 or 1/200, 3 sheets

