

REPUBLIC OF CAMEROON  
MINISTRY OF AGRICULTURE

**FEASIBILITY REPORT  
ON  
BAIGOM AGRICULTURAL DEVELOPMENT PROJECT**

**DATA BOOK**

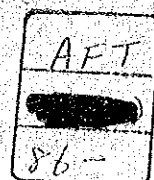
JICA LIBRARY



1029634[1]

SEPTEMBER 1986

JAPAN INTERNATIONAL COOPERATION AGENCY  
TOKYO, JAPAN



国際協力事業団		
受入 月日	'86.11.15	505
登録 No.	15688	80.7 AFT

**CROSS SECTIONS IN DOWNSTREAM  
OF NKOUP RIVER**



25 9. 13

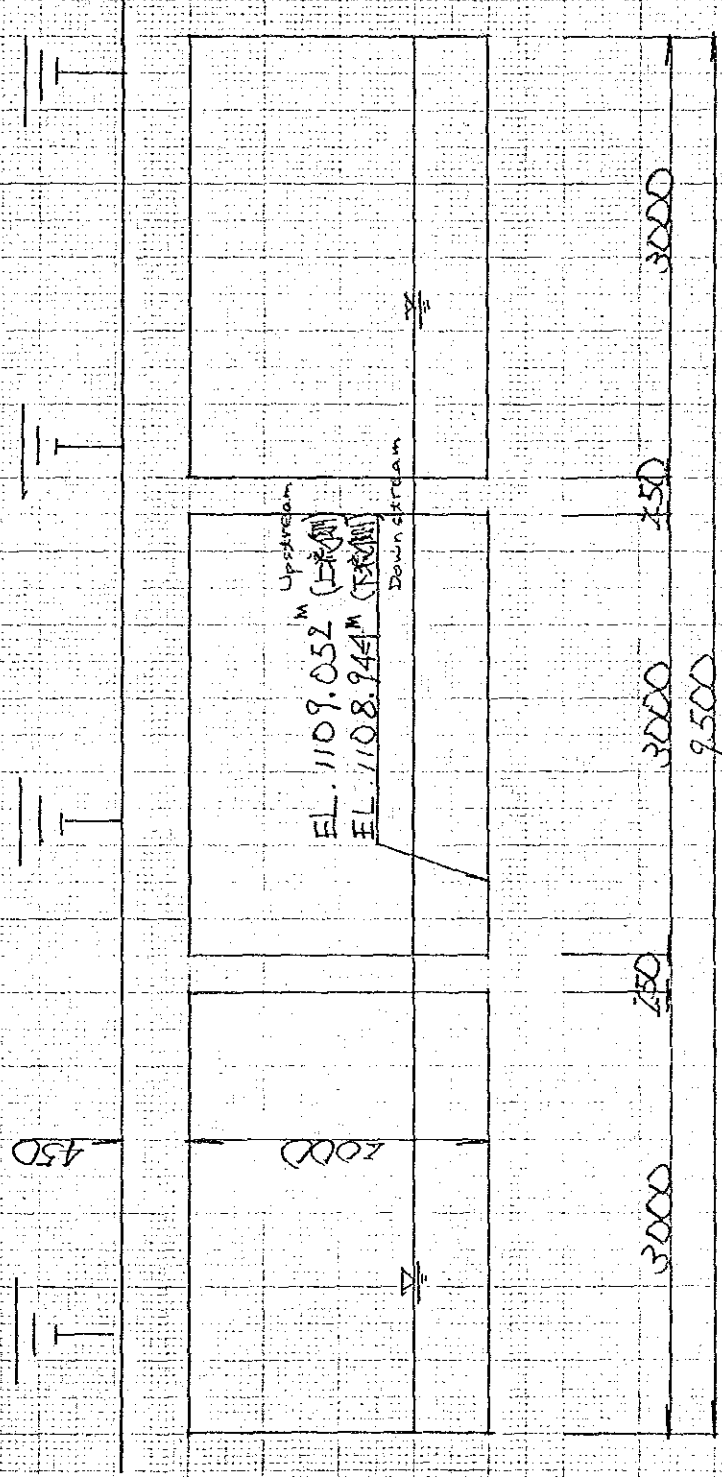
Cross Section

② Baijom Bridge

$S = 1/50$

Ⓡ

Ⓛ



Bridge Length  
× 橋長 = 11.40m

859.10

Wkup No. 1  
Baigom Bridge

$S = 1/100$

B.M.  $H = 1110.394^m$

EL of Staff Gauge

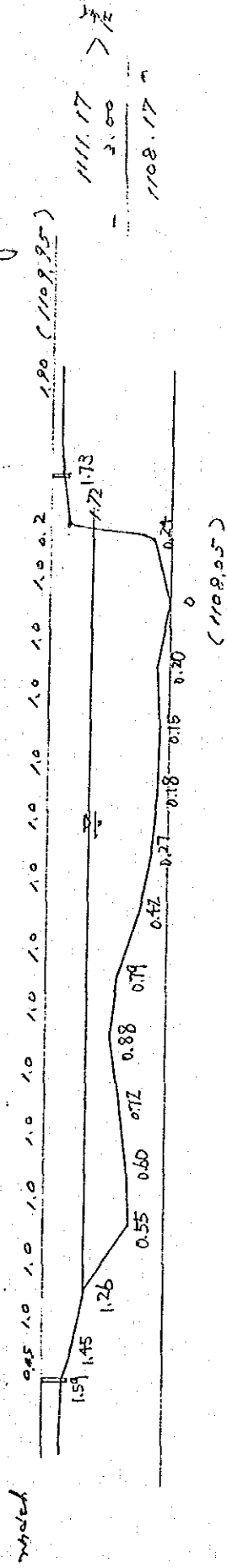
水位計標高  $H = 1111.17^m$

(頭工) TOP

(  $H_c = 3.00$  )  $H_T = 1109.953$

Bridge No. 1  
Section No. ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯  
0+5 1+0 1+5 2+0 2+5 3+0 3+5 4+0 4+5 5+0 5+5 6+0 6+5 7+0 7+5 8+0 8+5 9+0 9+5 10+0 10+5 11+0 11+5 12+0 12+5 13+0 13+5 14+0 14+5 15+0 15+5

Right



(1109.95)

$L = 17.45^m$

'85 9 28

Print Drawing was used

① 地点 (SEDA 区画利用)

$$S = 1/100$$

SL + Stake

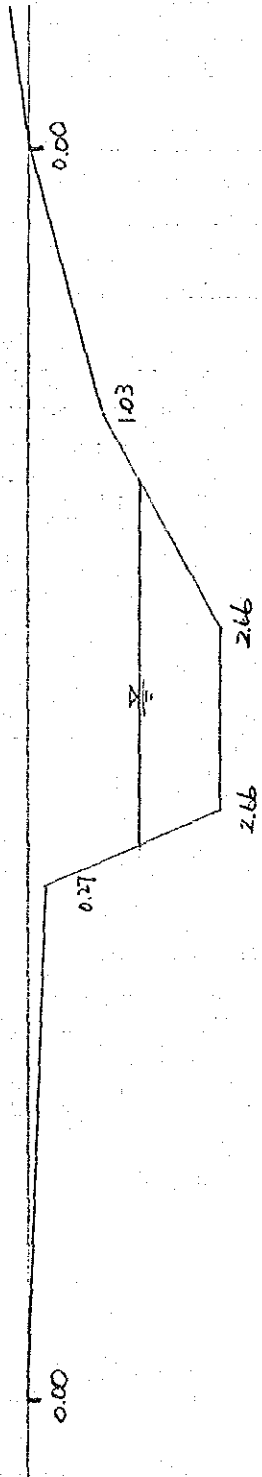
杭上標高 H = 1108.177

(仮定)

ESTIMATE

②

①



( 1105.52 )

'85 9. 28

Point Drawing was used

② 地点 (SEDA 図面利用)

S = 1/100

EL of Stake

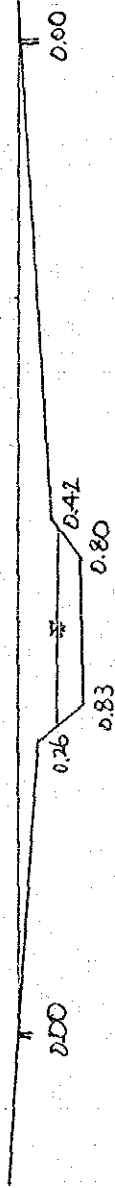
杭上標高 H = 1105.777<sup>m</sup>

(仮定)

Estimate

①

②



( 1.104.95 )



25 9.28

Point Drawing was used  
① 地点 (SEDA 図面利用)

S = 1/100

EL of grade

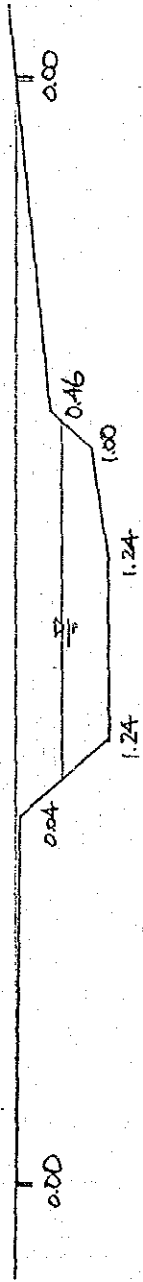
杭上標高 H = 1102.367<sup>m</sup>

(仮定)

estimate

②

①



( 1/101.13 )

85 9-28

Point Drawing was used  
⑬ 地 点 (SEDA 図面利用)

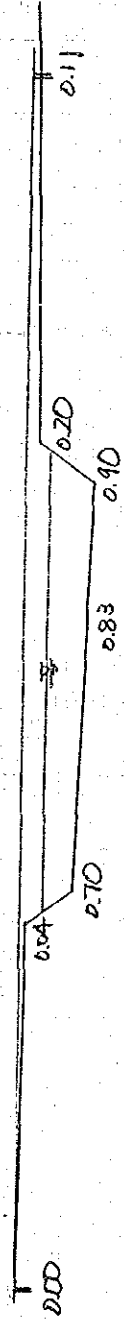
$S = 1/100$

EL of Stake

杭上標高  $H = 1101.167^m$

(仮定)

Estimate



( 1,100, 27 )

⑬

⑬

'85 9.28

Point Drawing was used

① 地点 (SEDA 図面利用)

$$S = 1/100$$

EL of State

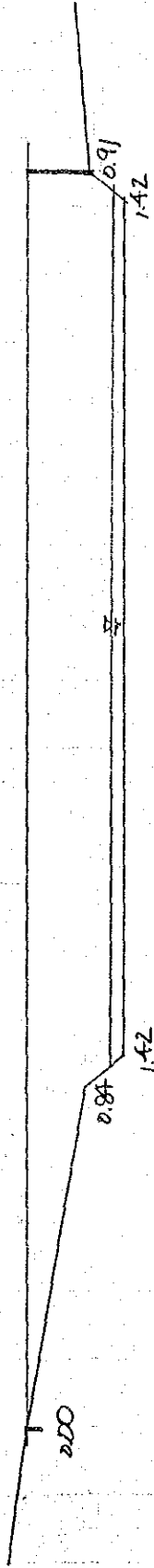
杭工標高 H = 1099.877<sup>m</sup>

(仮定)

Estimate

②

①



( 98.46 )

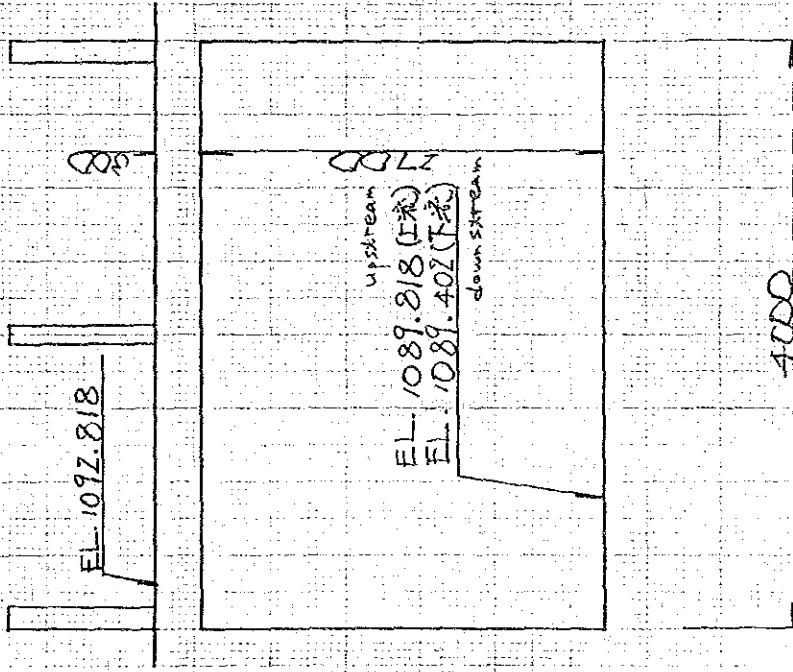
85 9 A

Confluence

⑤ Chauke 合流点

(Box culvert)

$$S = 1/50$$



SEDA Data  
S.V.A.F. Confluence  
change 15.5.5  
\*H = 1091.857 (指字H) 200m D.W.  
200m upstream of Bridge

Bridge Length  
\*橋長 L = 6.00m

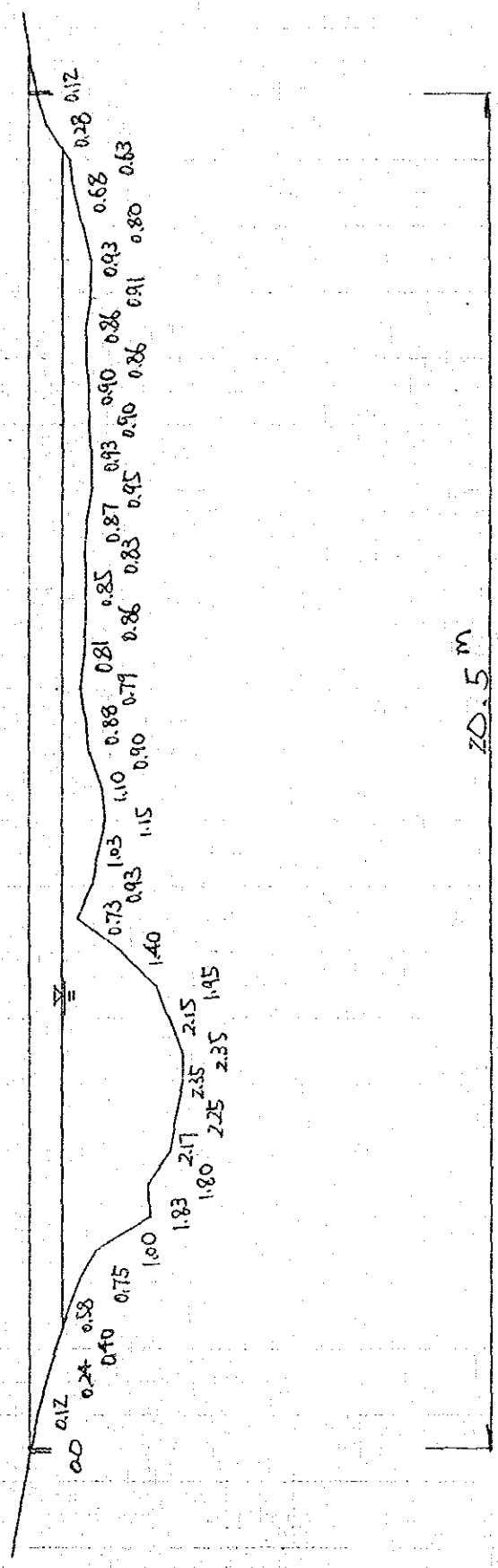
'85 10.2

Point  
⑮ 地点

S = 1/100  
±L + Stake  
杭工標高 H = 1080.882<sup>m</sup>

⑲

⑰



25 9.20

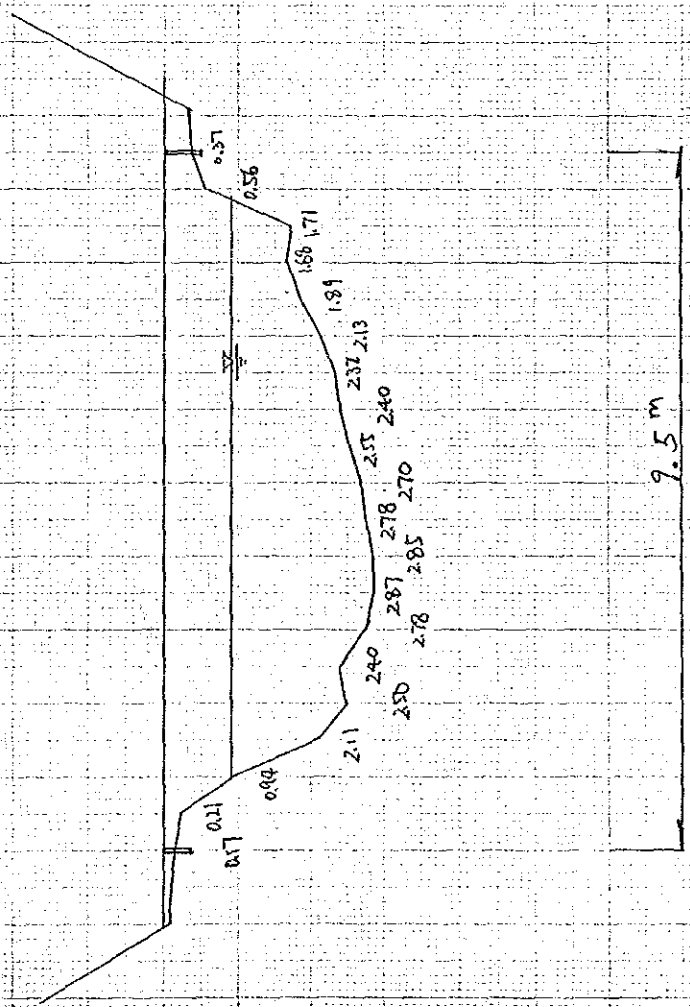
Confluence Downstream Log Bridge  
④ Chanke 合流莫下流 (1KM) 的 木橋

$S = 1/100$   
FL of Stake

桩上標高  $H = 1076.327^m$

②

①



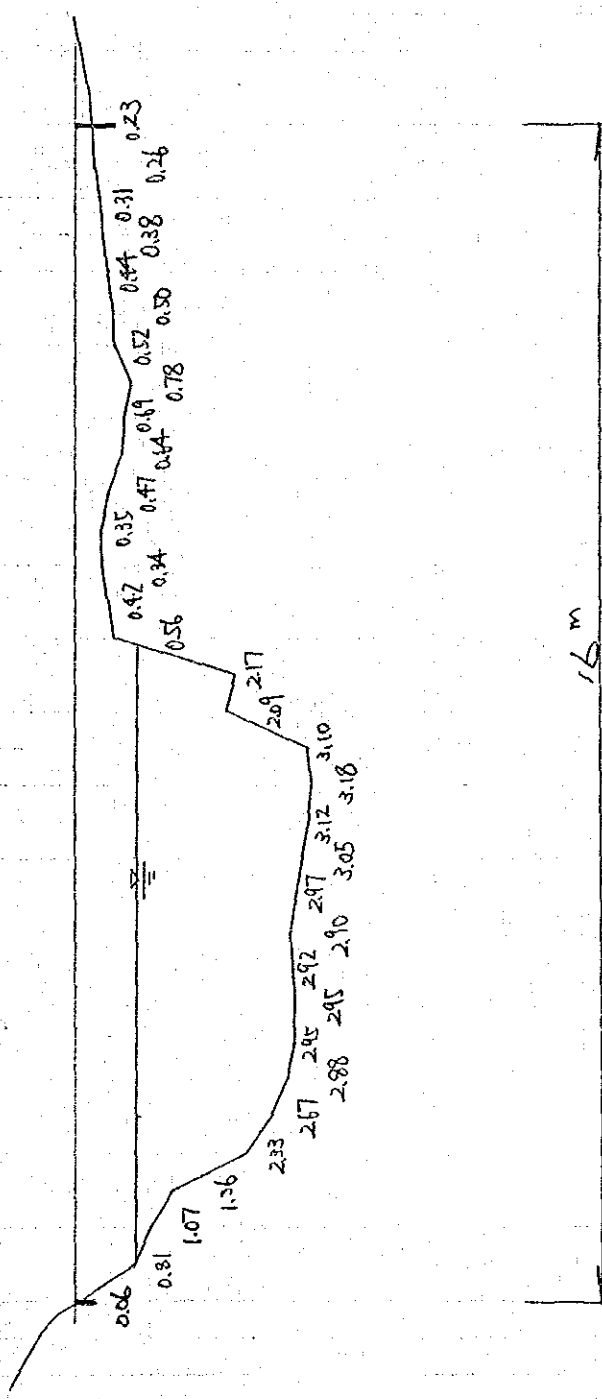
85 10-Z

Point  
③ 地盤

$S = 1/100$   
EL of stake  
杭上標高  $H = 1069.894^m$

(R)

(L)



16 m

'85 9.17

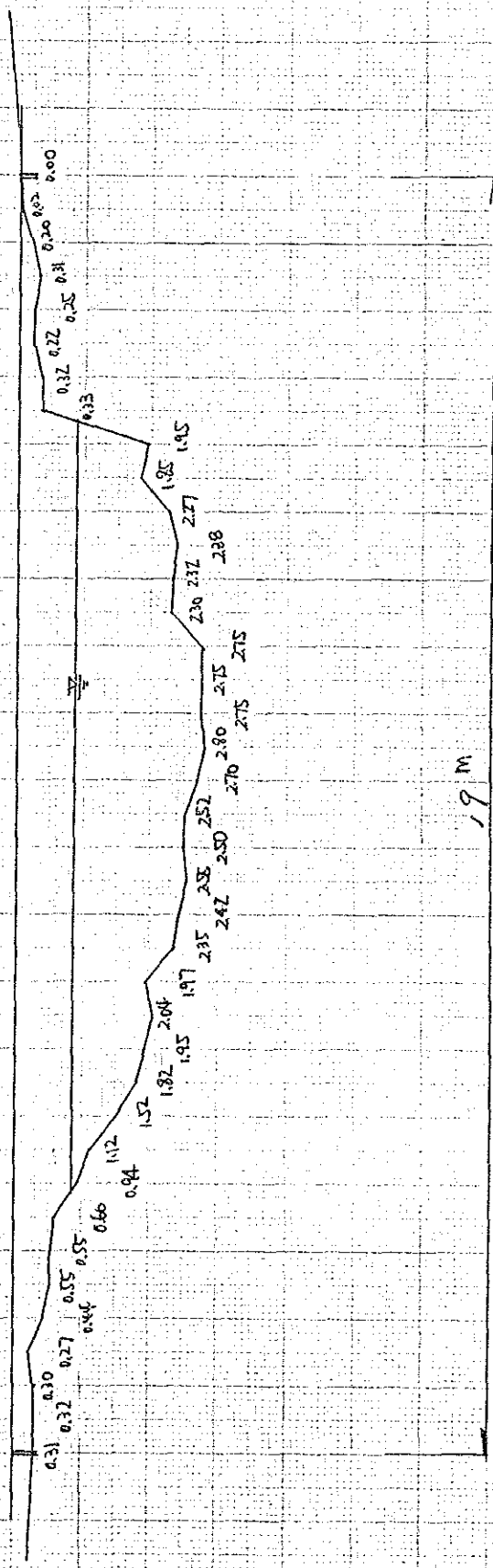
# ⑫ Maakouop Bridge

$$S = 1/100$$

BSL of State  
桩上标高 H = 1068.268<sup>m</sup>

(R)

(L)



19 M



85 9. 14

Down stream

① Maakodop Bridge 500 M 下流

(丸木橋)  
Log Bridge

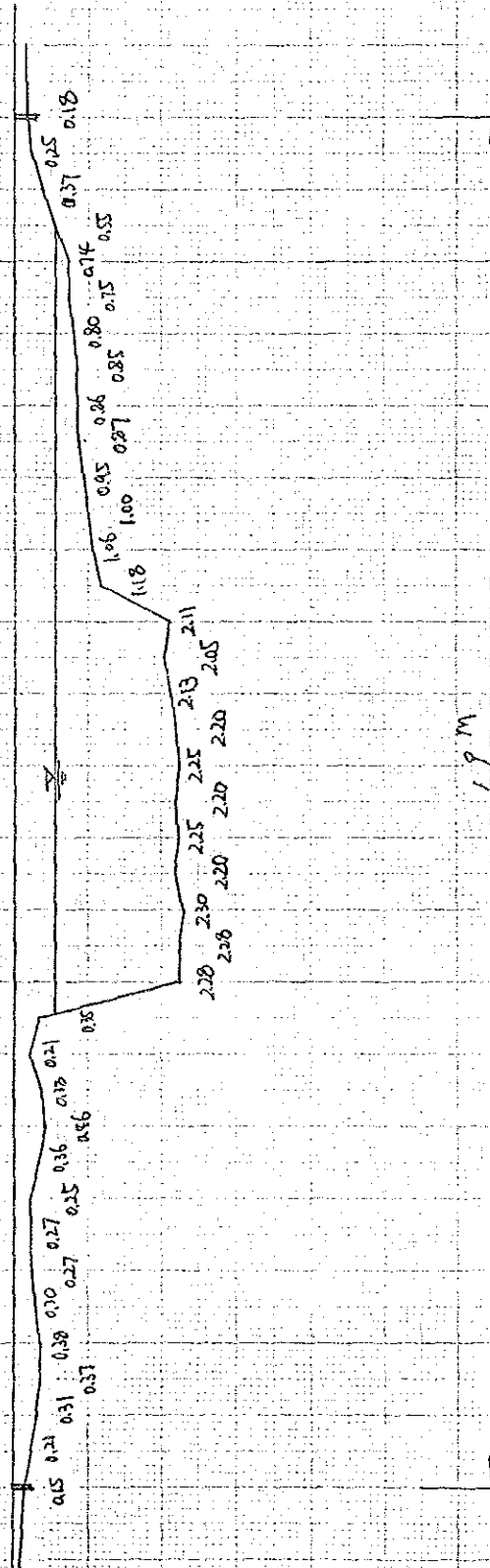
$s = 1/100$

EL of Stake

杭上標高 H = 1064.745 m

Ⓡ

Ⓛ



85 10.1

Point

⑩ 地盤

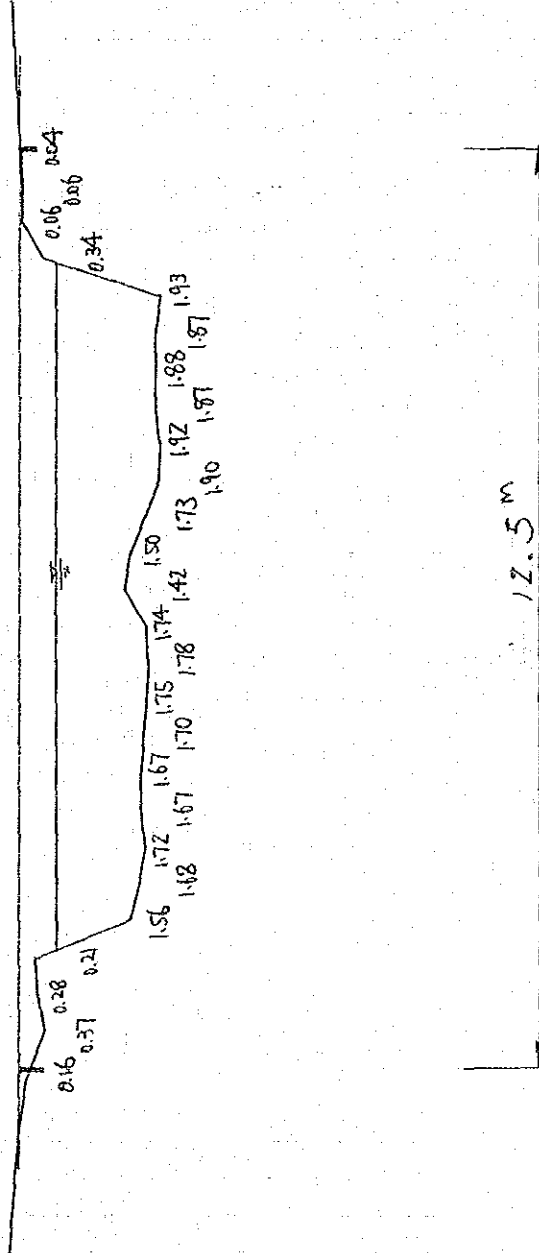
$S = 1/100$

EL of Stake

杭上標高 H = 1062.361 m

⑧

①



12.5 m

85 9.14

① Menkechoum Bridge  
(Box culvert)

$$s = 1/50$$

170

EL. 1058.627

C I 形 鋼

I shaped Steel Beam

9645

Up & Down Stream

EL. 1054.961 (上.下流)

5000

②

River bed is scoured  
due to high velocity

\* 河床が掘削(113)  
流速が速いため

\* L = 3.50m

②

85 1.30

Point

③ 地素

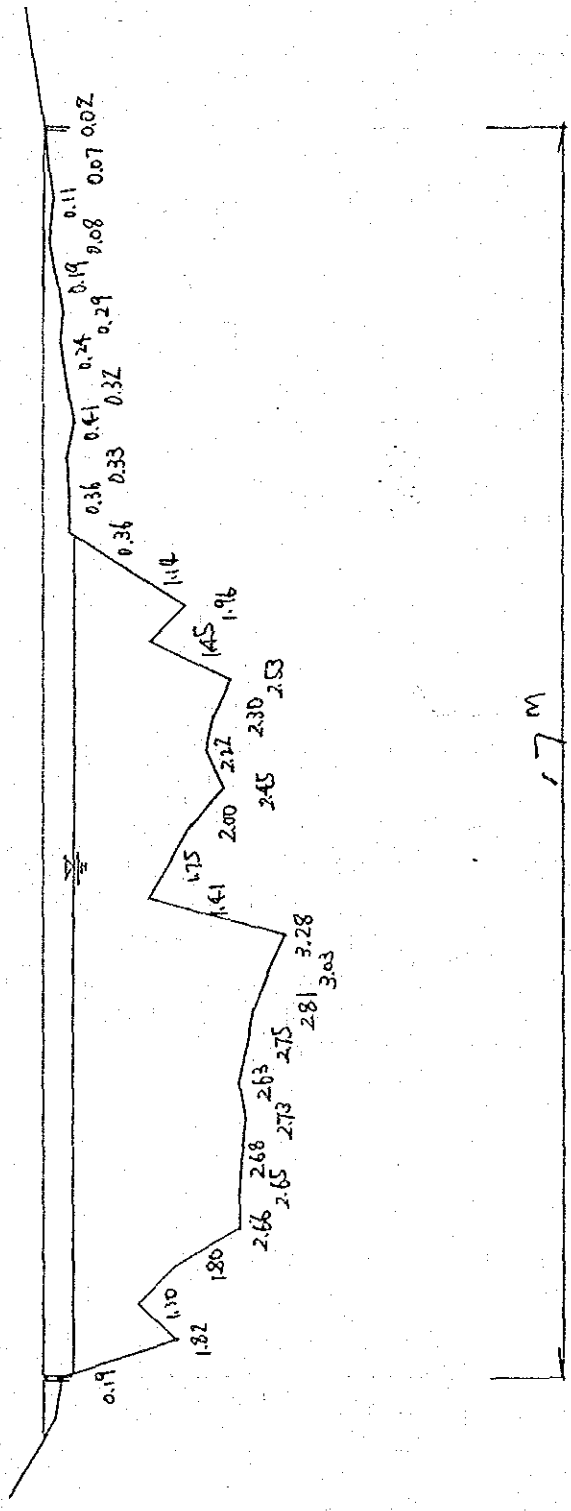
S = 1/100

EL of stake

杭上標高 H = 1056.489 m

Ⓡ

Ⓛ



17 m

'85 7.30

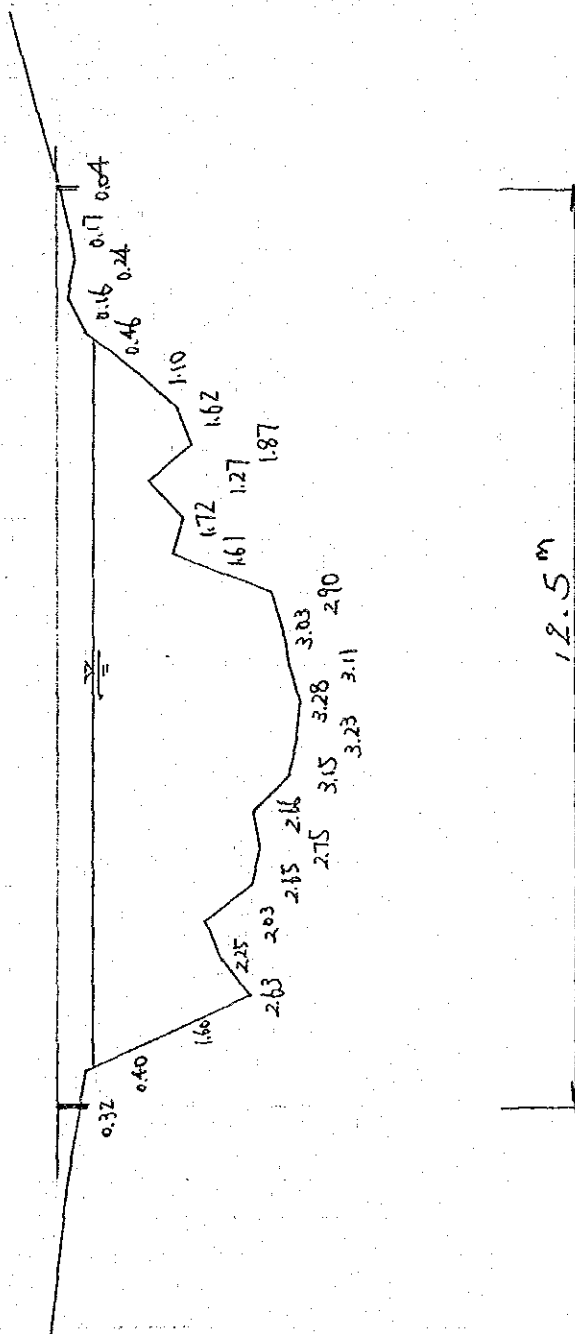
Point  
① 地盤

$$S = 1/100$$

EL of Stake  
杭工標高 H = 1053.650 m

②

①



12.5 m

85 7.28

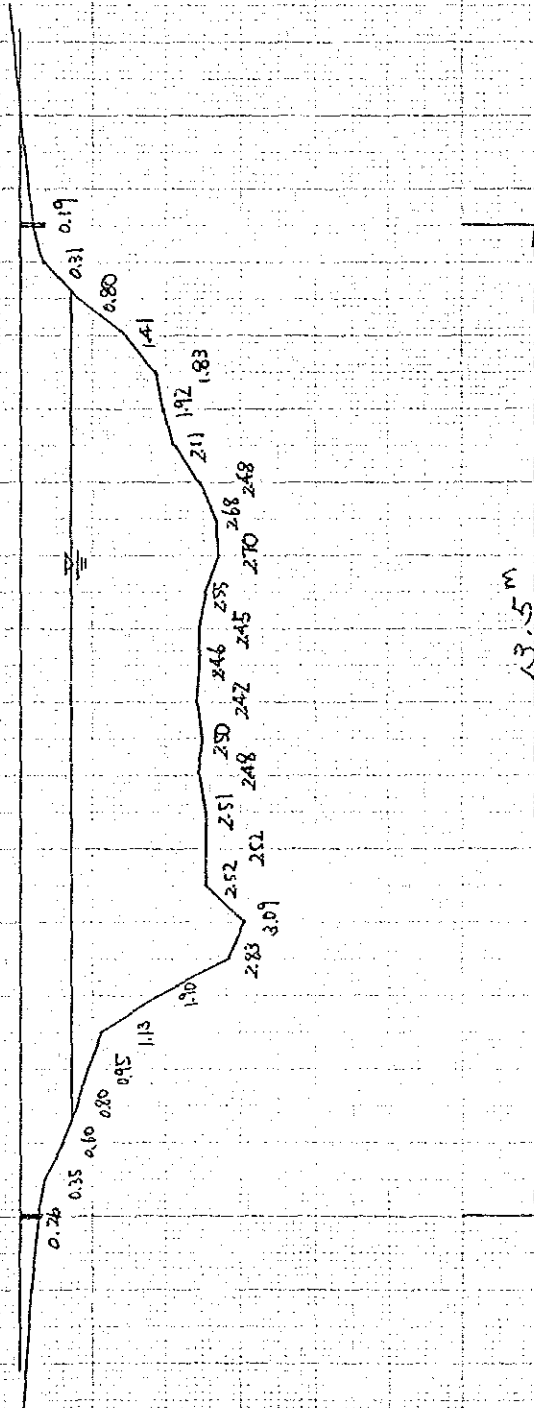
Point  
⑥ 地標

$$S = 1/100$$

EL of Stake  
杭上標高 H = 1052.776 m

②

①



13.5 m

⑤ 永豐銀測地系

Measuring Point

See Report

{ 引私参照 }

25 7.10.

Nkoup No. 2  
Nkoup River  
 (Fambulipiti) City

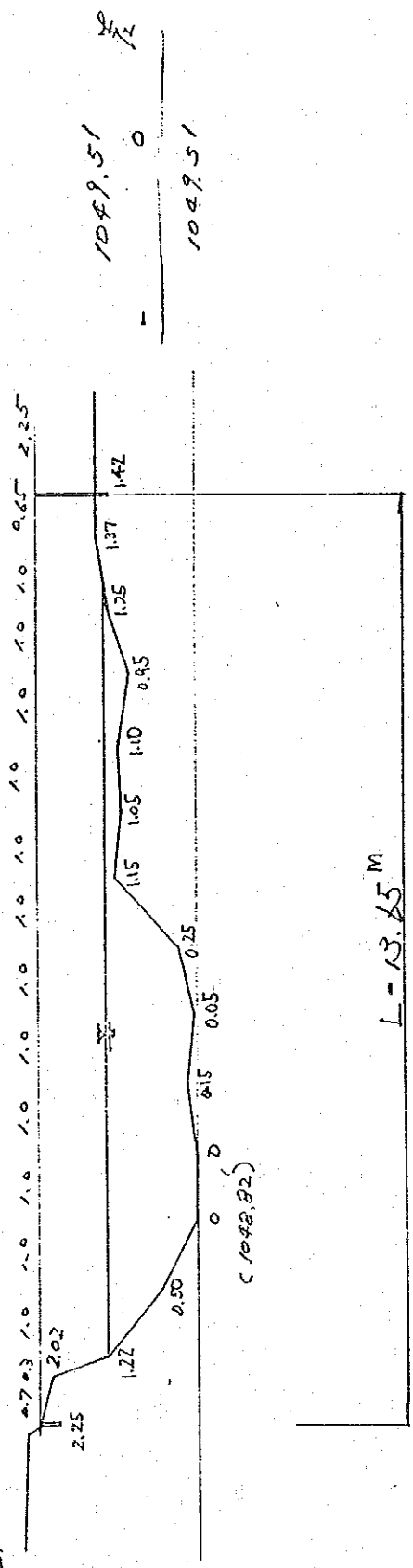
S = 1/100

BM H = 1051.329<sup>m</sup>  
 水准点  
 (水准) Station H = 1049.508<sup>m</sup>  
 (水准) Station (H = 1049.508) (H' = 1.822<sup>m</sup>) (BM)  
 H<sub>1</sub> = 1051.067<sup>m</sup>

Right

Right No. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  
 Section No. ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯

Left  
 width





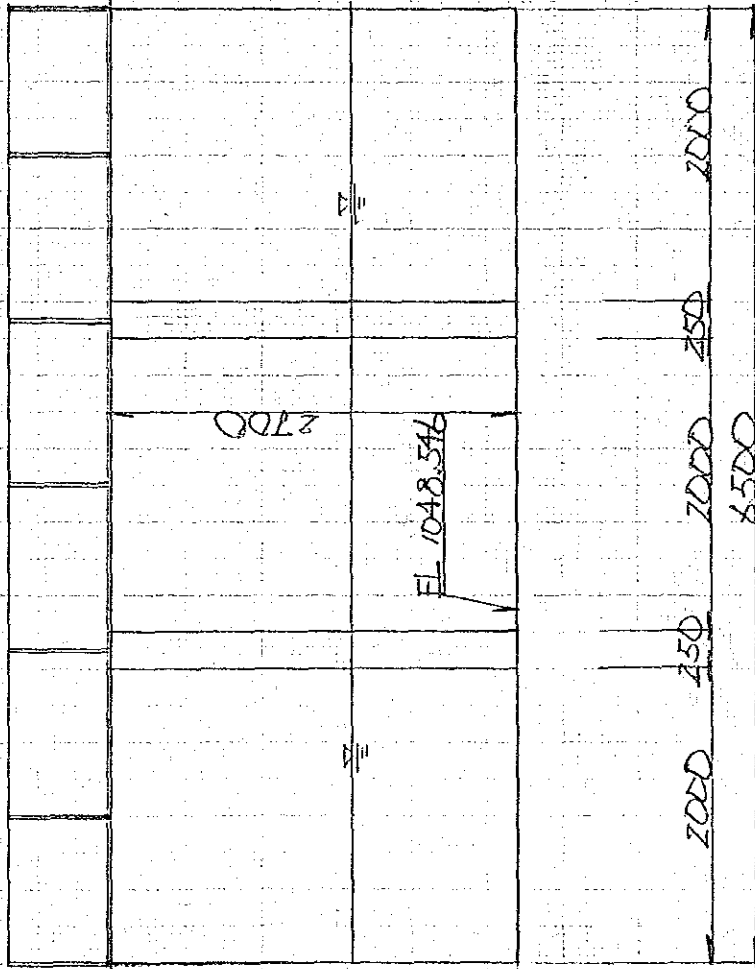
25 9.13

④ Ncep River (west side)  
Point  
(Foumbot 1774)  
city

$$S = 1/50$$

⑧

⑦



85 9 27

Point Upstream

③ 地点 (Foumbou 市内) 的 工 况

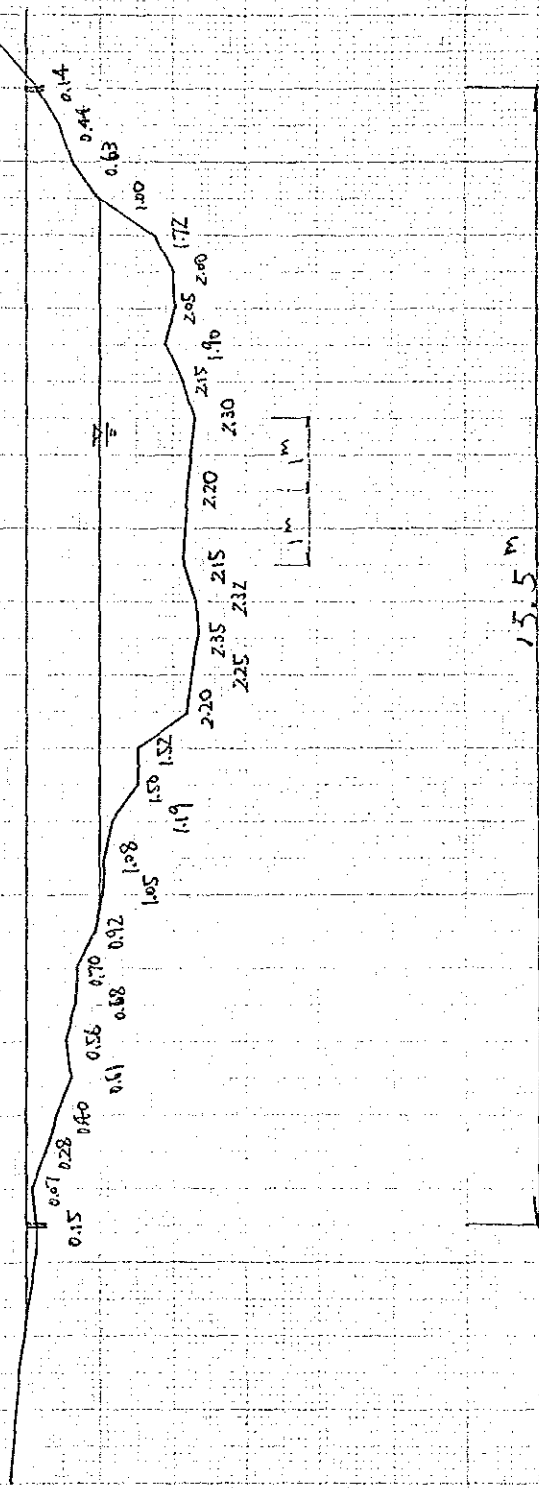
S = 1/100

EL of Stake

桩上标高 H = 1048.101 m

Ⓡ

Ⓛ



15.5 m

85.9.16

② Foubot 市内 栗原橋梁の 100m 上流の 橋の 1m 上流

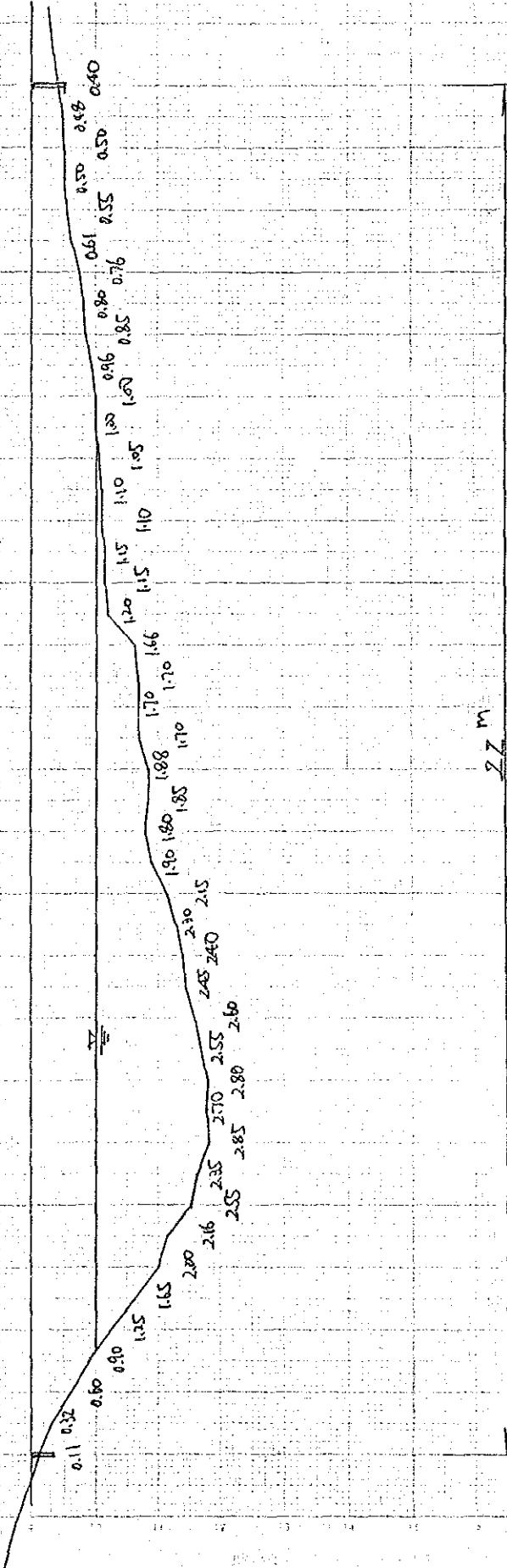
1m upstream of wooden bridge located at 100m upstream of Route 16.2 Road Bridge

$S = 1/100$

EL of Stake  
杭上標高  $H = 1039.184 \text{ m}$

(R)

(L)

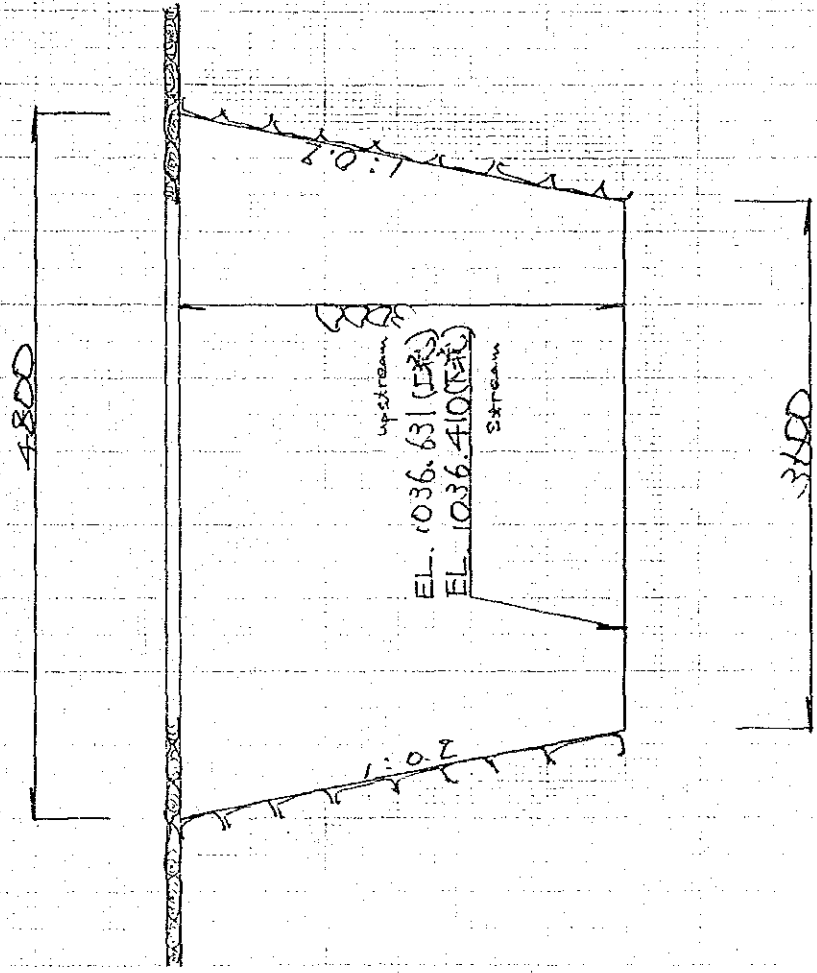


25. 9. 16

① Founbot市内環形橋梁の100m上流の橋

Wooden Bridge located at 100m upstream of  
Route No. 2 Road Bridge

$S = 1/50$



Bridge Length  
橋長 L = 5 m

25 11.1.

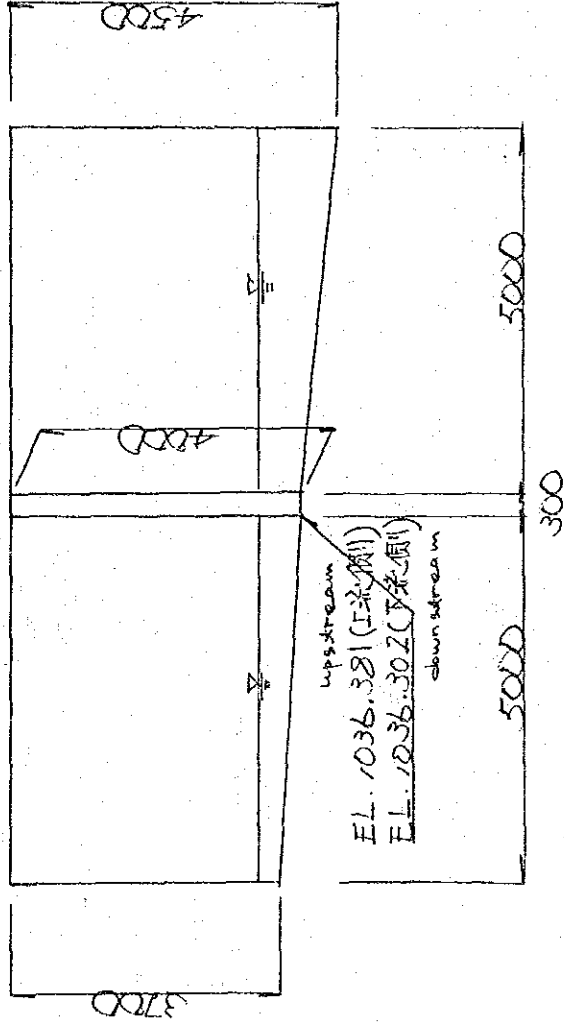
Route No. 2 Road Bridge

Foumbot 市 内 最 终 桥 梁 ( 国 道 下 9 桥 )

$S = 1/100$

(1)

(2)



Bridge Length  
※ 橋長 L = 7<sup>M</sup>

**HOURLY RAINFALL RECORD**

# HOURLY RAINFALL RECORD

STATION: KOUNDJA

LOCATION N 5°37' E 10°45'

ELEVATION 1208 m

MONTH: SEP.

YEAR 1985

STATION SITE: KOUTABA

DAY HOUR	1	2	3	4	5	6	7	8	9	10
1	-	-	-	-	0.5	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	0.5	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	0.5	-	-	-	-
14	-	3.5	-	-	1.0	5.5	-	-	-	0.5
15	-	2.0	0.5	1.0	0.5	-	-	-	-	-
16	-	1.5	-	0.5	-	-	-	-	-	1.0
17	-	0.5	-	-	-	-	-	-	-	-
18	-	2.0	-	-	-	-	-	0.5	-	-
19	1.0	1.0	-	-	-	-	-	-	-	2.5
20	0.5	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-
22	-	-	-	3.0	-	-	-	-	-	-
23	-	0.5	-	5.0	-	-	-	-	-	-
24	0.5	-	-	3.5	-	-	-	-	-	-
TOTAL	2.0	11.0	0.5	13.0	2.5	6.0	-	0.5	-	4.0

# HOURLY RAINFALL RECORD

STATION: KOUNDJA      LOCATION N 5°37' E 10°45'      ELEVATION 1208 m      MONTH: SEP.

YEAR 1985

STATION SITE: KOUTABA

DAY HOUR	11	12	13	14	15	16	17	18	19	20
1	-	-	-	-	-	7.0	-	-	0.5	-
2	-	-	-	0.5	-	5.5	-	-	1.5	-
3	-	0.5	-	-	-	5.5	-	-	0.5	-
4	-	-	0.5	-	-	3.0	-	-	-	-
5	-	-	1.0	-	-	1.0	-	-	-	-
6	-	0.5	0.5	-	-	-	-	-	2.0	-
7	-	-	-	-	-	-	-	-	0.5	-
8	-	2.0	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	1.0	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-
14	3.5	0.5	0.5	-	-	-	-	-	-	-
15	43.5	-	-	-	-	-	-	-	-	-
16	5.0	-	-	-	-	-	-	-	-	-
17	2.0	-	-	-	-	-	-	-	-	-
18	1.0	-	-	-	-	-	-	-	-	-
19	-	-	-	-	7.5	-	-	1.0	-	-
20	0.5	-	1.0	-	2.0	-	-	-	-	-
21	-	0.5	-	-	-	-	-	-	-	-
22	0.5	-	2.0	-	-	-	-	-	-	-
23	-	-	1.5	-	-	-	-	-	-	-
24	-	-	0.5	-	4.0	-	-	-	-	-
TOTAL	56.0	4.0	7.5	0.5	14.5	22.0	-	1.0	5.0	-



# HOURLY RAINFALL RECORD

STATION: KOUNDJA      LOCATION N 5°37' E 10°45'      ELEVATION 1208 m

MONTH: SEP.

YEAR 1985

STATION SITE: KOUTABA

DAY HOUR	21	22	23	24	25	26	27	28	29	30
1	1.0	-	-	-	-	1.5	-	0.5	-	0.5
2	-	-	-	-	-	0.5	-	0.5	-	-
3	-	-	-	-	-	-	-	-	0.5	-
4	-	-	-	-	-	-	0.5	-	-	0.5
5	-	-	-	-	-	-	-	4.5	-	-
6	-	0.5	-	-	-	-	-	4.0	-	-
7	-	-	-	-	-	-	-	1.0	-	-
8	-	-	-	-	-	-	-	1.0	-	-
9	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
11	-	4.5	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-
13	-	-	-	1.0	-	-	-	-	-	-
14	-	-	-	4.5	-	-	-	-	-	-
15	-	-	-	2.5	-	-	-	-	-	-
16	-	-	21.0	2.0	-	-	-	1.0	-	-
17	-	-	2.5	4.5	-	-	-	1.5	2.5	-
18	-	-	1.0	-	-	-	-	-	11.0	-
19	-	-	3.0	-	-	-	-	5.5	1.0	-
20	-	-	0.5	-	-	-	-	3.0	0.5	5.0
21	0.5	-	-	-	-	-	-	5.0	3.0	2.5
22	-	-	-	-	1.5	-	-	3.0	1.0	4.0
23	-	-	-	-	6.0	-	-	1.0	-	2.0
24	-	-	-	-	0.5	-	-	0.5	0.5	0.5
TOTAL	1.5	5.0	28.0	14.5	8.0	2.0	0.5	32.0	20.0	15.0

# HOURLY RAINFALL RECORD

STATION: KOUNDJA

LOCATION N 5°37' E 10°45'

ELEVATION 1208 m

MONTH: OCT.

YEAR 1985

STATION SITE: KOUTABA

DAY HOUR	1	2	3	4	5	6	7	8	9	10
1	1.0	-	-	0.5	-	-	-	-	-	-
2	0.5	-	-	1.5	-	-	0.5	-	-	-
3	-	-	-	-	-	-	-	-	-	-
4	0.5	-	-	5.0	-	-	-	-	-	-
5	-	-	-	1.5	1.5	-	4.0	-	-	-
6	-	-	-	-	0.5	-	-	-	-	-
7	-	-	-	-	-	-	8.0	-	-	-
8	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	1.0	-
10	-	-	-	-	-	-	-	-	-	0.5
11	-	-	-	-	-	-	-	-	-	0.5
12	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-
22	-	-	4.0	-	3.0	-	-	-	-	-
23	-	-	2.0	-	2.5	-	-	-	-	-
24	-	-	1.0	-	1.5	-	-	-	-	-
TOTAL	2.0	-	7.0	8.5	9.0	-	12.5	-	1.0	1.0

# HOURLY RAINFALL RECORD

STATION: KOUNDJA

LOCATION N 5° 37' E 10° 45'

ELEVATION 1208 m

MONTH: OCT.

YEAR 1985

STATION SITE: KOUTABA

DAY HOUR	11	12	13	14	15	16	17	18	19	20
1	5.5	-	-	-	-	13.0	3.5	-	-	-
2	2.0	-	-	-	15.0	8.0	3.0	-	-	-
3	1.5	-	0.5	-	1.0	0.5	3.0	-	-	-
4	0.5	-	6.5	-	1.0	-	3.0	-	-	-
5	0.5	-	11.5	-	1.0	-	2.0	0.5	-	-
6	8.5	-	5.5	-	1.5	1.0	2.0	-	-	-
7	2.5	-	0.5	-	0.5	-	1.0	-	-	-
8	1.0	-	-	-	-	-	0.5	-	-	-
9	1.0	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	1.0	4.0	-	-	-	-
20	-	-	-	-	-	0.5	-	-	-	-
21	0.5	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	0.5	0.5	-	-	-	-
TOTAL	23.5	-	24.5	-	21.5	27.5	18.0	0.5	-	-





# HOURLY RAINFALL RECORD

STATION: KOUNDJA

LOCATION N 5° 37' E 10° 45'

ELEVATION 1208 m

MONTH: NOV.

YEAR 1985

STATION SITE: KOUTABA

DAY HOUR	1	2	3	4	5	6	7	8	9	10
1	-	-	-	-	-	4.0	-	-	-	-
2	-	-	-	-	-	2.0	-	-	-	-
3	-	-	-	-	-	1.5	-	-	-	0.5
4	-	-	-	-	-	2.0	-	-	-	-
5	-	0.5	-	-	-	0.5	-	-	-	-
6	-	-	-	-	-	1.0	-	-	-	-
7	-	-	-	-	-	0.5	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	0.5	-	-
11	-	-	-	-	-	0.5	-	1.5	-	-
12	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	6.5	-	-	-
19	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	0.5	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-
22	-	-	-	0.5	-	-	-	-	-	-
23	-	-	-	1.0	6.0	-	-	-	0.5	-
24	-	-	-	-	3.0	-	-	-	1.0	-
TOTAL	-	0.5	-	1.5	9.5	12.0	6.5	2.0	1.5	0.5

# **WATER LEVEL AND DISCHARGE RECORD**

***NDOUP No. 1***



# WATER LEVEL AND DISCHARGE RECORD

Station: Neloup No. 1

River Basin NDOP Basin № Station №1 E.L. m

Station Site BAFOLE Drainage Area Km<sup>2</sup>

DATE	From <u>04 Sept. 1965</u> to <u>09 Sept. 1965</u>											
Date	4		5		6		7		8		9	
Time	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q
1												
2												
3												
4												
5												
6			109.5	—	100.0	1.04	98.0	0.94	95.5	0.83	102.0	—
7												
8												
9												
10												
11												
12			105.0	—	99.5	1.01	97.0	0.90	94.0	0.78	100.5	1.07
13												
14												
15												
16												
17												
18	113.5	—	102.0	—	98.0	0.99	96.5	0.87	92.5	0.74	99.0	0.99
19												
20												
21												
22												
23												
24												
Mean												
Max.												
Min.												
Remarks	H: Gauge height in _____ Q: Discharge in _____ Zero Point of water gauge: EL. _____											

# WATER LEVEL AND DISCHARGE RECORD

Station: 61

River Basin Alou Basin No. \_\_\_\_\_ Station No. 1 EL. \_\_\_\_\_ m

Station Site BAFOLE Drainage Area \_\_\_\_\_ Km<sup>2</sup>

DATE	From <u>10 Sep 1985</u> to <u>15 Sep 1985</u>											
Date	10		11		12		13		14		15	
Time	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q
1												
2												
3												
4												
5												
6	97.0	0.90	96.0	0.79	103.0	—	98.0	0.94	102.5	—	95.0	0.81
7	97.0	0.90	93.5	0.77	103.0	—	97.5	0.92	102.5	—	95.0	0.81
8	96.5	0.89	93.5	0.77	102.5	—	97.5	0.92	102.5	—	96.5	0.80
9	96.5	0.89	93.5	0.77	102.5	—	97.5	0.92	101.5	—	96.5	0.80
10	96.5	0.89	93.0	0.76	102.5	—	97.0	0.90	101.0	1.10	96.0	0.79
11	96.0	0.86	93.0	0.76	102.0	—	97.0	0.90	101.0	1.10	95.0	0.79
12	96.0	0.86	93.0	0.76	101.5	—	96.5	0.89	100.5	1.07	93.0	0.76
13	95.5	0.83	92.5	0.74	101.5	—	96.5	0.89	100.5	1.07	93.0	0.76
14	95.0	0.81	92.5	0.74	101.0	1.10	96.0	0.86	100.0	1.04	92.5	0.74
15	95.0	0.81	92.0	0.71	101.0	1.10	95.5	0.83	100.0	1.04	92.5	0.74
16	95.0	0.81	100.0	1.04	100.5	1.07	95.5	0.83	99.5	1.01	93.0	0.71
17	94.5	0.80	110.0	—	100.0	1.04	95.0	0.81	99.0	0.99	91.0	0.69
18	94.5	0.80	112.0	—	99.5	1.01	95.0	0.81	99.0	0.99	91.0	0.69
19												
20												
21												
22												
23												
24												
Mean												
Max.												
Min												
Remarks	H: Gauge height in _____ Q: Discharge in _____ Zero Point of water gauge: EL. _____											

# WATER LEVEL AND DISCHARGE RECORD

Station: \_\_\_\_\_

River Basin Ndoy Basin No. \_\_\_\_\_ Station No. 1 EL. \_\_\_\_\_ m

Station Site BAFOLE Drainage Area \_\_\_\_\_ Km<sup>2</sup>

DATE	From <u>16 Sep 1925</u> to <u>19 Sep 1925</u>											
Date	<u>16</u>		<u>17</u>		<u>18</u>		<u>19</u>		<u>20</u>			
Time	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q
1												
2												
3												
4												
5												
6	106.0	—	98.5	0.98	92.0	0.71	93.0	0.76	94.0	0.78		
7	106.0	—	98.0	0.94	92.0	0.71	92.5	0.74				
8	105.5	—	97.0	0.90	91.5	0.70	92.0	0.71				
9	105.5	—	96.5	0.89	91.5	0.70	91.5	0.70				
10	105.0	—	96.0	0.86	91.5	0.70	91.5	0.70				
11	104.5	—	95.5	0.83	91.5	0.70	91.5	0.70				
12	104.0	—	95.0	0.81	91.5	0.70	91.5	0.69	92.5	0.74		
13	104.0	—	95.0	0.81	91.0	0.69	91.5	0.69				
14	103.5	—	94.5	0.80	91.0	0.69	91.0	0.69				
15	102.0	—	94.0	0.79	91.0	0.69	91.0	0.69				
16	101.5	—	93.5	0.77	90.5	0.68	90.5	0.68				
17	101.0	1.10	93.5	0.77	90.5	0.68	90.5	0.68				
18	100.5	1.07	93.0	0.76	90.5	0.68	90.0	0.67				
19												
20												
21												
22												
23												
24												
Mean												
Max.												
Min												
Remarks	H: Gauge height in _____ Q: Discharge in _____ Zero Point of water gauge: EL. _____											

# WATER LEVEL AND DISCHARGE RECORD

Station: \_\_\_\_\_

River Basin Nkoup Basin No. \_\_\_\_\_ Station No. 1 EL. \_\_\_\_\_ m

Station Site BAFOLE Drainage Area \_\_\_\_\_ km<sup>2</sup>

DATE		From <u>20 Sep 1985</u> to <u>25 Sep 1985</u>											
Date		<u>20</u>		<u>21</u>		<u>22</u>		<u>23</u>		<u>24</u>		<u>25</u>	
Time		H	Q	H	Q	H	Q	H	Q	H	Q	H	Q
	1												
2													
3													
4													
5													
6				<u>88.0</u>	<u>0.60</u>	<u>86.5</u>	<u>0.56</u>	<u>86.0</u>	<u>0.55</u>	<u>102.0</u>	<u>-</u>		
7												<u>99.0</u>	<u>0.99</u>
8													
9													
10													
11													
12				<u>87.5</u>	<u>0.59</u>	<u>86.0</u>	<u>0.55</u>	<u>85.5</u>	<u>0.54</u>	<u>99.0</u>	<u>0.99</u>	<u>97.5</u>	<u>0.92</u>
13													
14													
15													
16													
17													
18		<u>90.0</u>	<u>0.67</u>	<u>87.0</u>	<u>0.57</u>	<u>87.5</u>	<u>0.59</u>	<u>106.0</u>	<u>-</u>	<u>104.0</u>	<u>-</u>	<u>93.5</u>	<u>0.97</u>
19								<u>108.0</u>	<u>-</u>				
20								<u>110.0</u>	<u>-</u>				
21								<u>111.5</u>	<u>-</u>				
22													
23												<u>92.5</u>	<u>0.94</u>
24												<u>92.5</u>	<u>0.94</u>
Mean													
Max.													
Min													
Remarks	H: Gauge height in _____ Q: Discharge in _____ Zero Point of water gauge: EL. _____												

# WATER LEVEL AND DISCHARGE RECORD

Station: \_\_\_\_\_

River Basin Neloup Basin No. \_\_\_\_\_ Station No. 1 EL. \_\_\_\_\_ m

Station Site BAFOLE Drainage Area \_\_\_\_\_ Km<sup>2</sup>

DATE		From <u>26 Sep 1985</u> to <u>30 Sep 1985</u>											
Date		<u>26</u>		<u>27</u>		<u>28</u>		<u>29</u>		<u>30</u>			
Time		H	Q	H	Q	H	Q	H	Q	H	Q	H	Q
	1		<u>93.5</u>	<u>0.77</u>									
2		<u>94.5</u>	<u>0.80</u>										
3		<u>96.0</u>	<u>0.86</u>										
4		<u>97.0</u>	<u>0.90</u>			<u>85.5</u>	<u>0.54</u>						
5		<u>96.5</u>	<u>0.89</u>			<u>86.5</u>	<u>0.56</u>						
6		<u>96.0</u>	<u>0.86</u>	<u>90.0</u>	<u>0.67</u>	<u>89.0</u>	<u>0.63</u>						
7						<u>91.0</u>	<u>0.69</u>						
8						<u>93.0</u>	<u>0.76</u>						
9						<u>94.5</u>	<u>0.80</u>						
10						<u>97.0</u>	<u>0.90</u>						
11						<u>99.5</u>	<u>1.01</u>						
12		<u>93.0</u>	<u>0.76</u>	<u>89.0</u>	<u>0.63</u>	<u>99.0</u>	<u>0.99</u>						
13						<u>96.0</u>	<u>0.86</u>						
14						<u>94.0</u>	<u>0.79</u>						
15													
16													
17													
18		<u>90.5</u>	<u>0.68</u>	<u>87.0</u>									
19													
20													
21								<u>95.5</u>	<u>0.83</u>				
22								<u>96.0</u>	<u>0.86</u>				
23								<u>98.0</u>	<u>0.94</u>				
24								<u>102.0</u>	<u>—</u>				
Mean													
Max.													
Min													
Remarks	H: Gauge height in _____ Q: Discharge in _____ Zero Point of water gauge: EL. _____												

# WATER LEVEL AND DISCHARGE RECORD

Station: Ndoup No. 1

River Basin \_\_\_\_\_ Basin No. \_\_\_\_\_ Station No. \_\_\_\_\_ EL. \_\_\_\_\_ m

Station Site \_\_\_\_\_ Drainage Area \_\_\_\_\_ Km<sup>2</sup>

DATE	From <u>28 Sep 1925</u> to <u>3 Oct 1925</u>											
Date	<u>28</u>		<u>29</u>		<u>30</u>		<u>1</u>		<u>2</u>		<u>3</u>	
Time	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q
1												
2												
3												
4												
5												
6			<u>90.5</u>	<u>1.07</u>	<u>92.5</u>	<u>0.77</u>	<u>95.5</u>	<u>0.83</u>	<u>93.0</u>	<u>0.76</u>	<u>90.0</u>	<u>0.67</u>
7												
8												
9												
10												
11												
12	<u>99.0</u>	<u>0.99</u>	<u>97.0</u>	<u>0.90</u>	<u>92.0</u>	<u>0.71</u>	<u>98.5</u>	<u>0.98</u>	<u>91.5</u>	<u>0.70</u>	<u>89.0</u>	<u>0.63</u>
13												
14												
15												
16												
17												
18	<u>97.0</u>	<u>0.90</u>	<u>95.0</u>	<u>0.81</u>	<u>90.5</u>	<u>0.68</u>	<u>96.0</u>	<u>0.86</u>	<u>91.0</u>	<u>0.69</u>	<u>88.0</u>	<u>0.60</u>
19												
20												
21												
22												
23												
24												
Mean												
Max.												
Min												
Remarks	H: Gauge height in _____ Q: Discharge in _____ Zero Point of water gauge: EL. _____											

# WATER LEVEL AND DISCHARGE RECORD

Station: Ndoup No. 1

River Basin \_\_\_\_\_ Basin No. \_\_\_\_\_ Station No. \_\_\_\_\_ EL. \_\_\_\_\_ m

Station Site \_\_\_\_\_ Drainage Area \_\_\_\_\_ km<sup>2</sup>

DATE	From <u>4 Oct 1985</u> to <u>9 Oct 1985</u>											
Date	4		5		6		7		8		9	
Time	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q
1												
2												
3												
4												
5												
6	96.0	0.86	90.0	0.67	90.5	0.68	97.5	0.92	88.0	0.60	86.0	0.55
7							97.5	0.92				
8							97.5	0.92				
9							97.5	0.92				
10							98.0	0.94				
11							98.0	0.94				
12	97.0	0.90	89.5	0.65	88.0	0.60	98.0	0.94	87.0	0.57		
13							98.0	0.94				
14							98.5	0.98				
15							98.0	0.94				
16							95.0	0.81				
17							96.5	0.80				
18	92.0	0.71	87.0	0.57	86.0	0.55	93.5	0.77	86.5	0.56		
19												
20												
21												
22												
23												
24												
Mean												
Max.												
Min												
Remarks	H: Gauge height in _____ Q: Discharge in _____ Zero Point of water gauge: EL. _____											

# WATER LEVEL AND DISCHARGE RECORD

Station: 60012

River Basin Ndoug Basin No. \_\_\_\_\_ Station No. \_\_\_\_\_ E.L. \_\_\_\_\_ m

Station Site Bafle' Drainage Area \_\_\_\_\_ Km<sup>2</sup>

DATE		From 9 October 1985 to 14 Oct 1985											
Date	g		A0		A1		A2		A3		A4		
Time	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q	
1													
2													
3													
4													
5													
6			85.5	0.54	86.0	0.55	98.0	0.94	130.0	-	99.5	1.01	
7									128.0	-	99.5	1.01	
8									126.0	-	99.0	0.99	
9									124.0	-	98.5	0.98	
10									122.0	-	98.0	0.94	
11									121.0	-	98.0	0.94	
12	86.0	0.55	85.0	0.52	85.0	0.52	96.0	0.86	120.0	-	97.5	0.92	
13									118.0	-	97.5	0.92	
14									116.0	-	97.0	0.90	
15									114.0	-	96.5	0.89	
16									112.0	-	96.0	0.86	
17									111.0	-	95.5	0.83	
18	86.0	0.55	84.5	0.51	93.0	0.76	96.5	0.84	110.0	-	95.0	0.81	
19													
20													
21													
22													
23													
24													
Mean													
Max.													
Min													
Remarks	H: Gauge height in _____ Q: Discharge in _____ Zero Point of water gauge: EL. _____												



# WATER LEVEL AND DISCHARGE RECORD

Station: Nolamp No.1

River Basin Nolamp Basin No. \_\_\_\_\_ Station No. \_\_\_\_\_ EL. \_\_\_\_\_ m

Station Site Bafale Drainage Area \_\_\_\_\_ Km<sup>2</sup>

DATE	From <u>15 Oct</u> 1985 to <u>20 Oct</u> 1985											
Date	15		16		17		18		19		20	
Time	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q
1												
2												
3												
4												
5												
6	110.0	-	108.0	-	120.0	-	99.0	0.99	95.0	0.81	93.5	0.77
7	109.5	-	107.5	-	118.0	-	99.0	0.99	94.5	0.84	92.5	0.77
8	108.0	-	107.0	-	115.0	-	98.0	0.99	94.5	0.84	93.0	0.76
9	107.5	-	105.0	-	114.0	-	98.5	0.98	94.0	0.79	92.5	0.74
10	107.0	-	104.0	-	112.0	-	98.5	0.98	94.0	0.79	92.0	0.71
11	106.5	-	102.0	-	111.0	-	98.5	0.98	93.5	0.77	91.5	0.70
12	106.0	-	102.0	-	110.0	-	98.0	0.94	93.5	0.77	91.0	0.69
13	105.0	-	101.5	-	109.0	-	98.0	0.94	93.5	0.77	91.0	0.69
14	104.0	-	101.0	1.10	107.0	1.10	98.0	0.94	93.0	0.76	90.5	0.68
15	102.5	-	100.5	1.07	106.0	-	97.5	0.92	92.0	0.76	90.0	0.67
16	101.0	1.10	100.0	1.04	104.0	-	97.5	0.92	92.5	0.74	90.0	0.67
17	100.0	1.04	99.5	1.01	103.0	-	97.0	0.90	92.5	0.74	89.5	0.65
18	99.0	0.99	99.5	1.01	101.0	1.10	97.0	0.90	92.0	0.71	89.5	0.65
19												
20												
21												
22												
23												
24												
Mean												
Max.												
Min												
Remarks	H: Gauge height in _____ Q: Discharge in _____ Zero Point of water gauge: EL. _____											

# WATER LEVEL AND DISCHARGE RECORD

Station: Namp N. 1

River Basin Namp Basin No. \_\_\_\_\_ Station No. \_\_\_\_\_ EL. \_\_\_\_\_ m

Station Site Rabala Drainage Area \_\_\_\_\_ Km<sup>2</sup>

DATE		From <u>21 October 1985</u> to <u>26 Oct. 1985</u>											
Date		<u>21</u>		<u>22</u>		<u>23</u>		<u>24</u>		<u>25</u>		<u>26</u>	
Time		H	Q	H	Q	H	Q	H	Q	H	Q	H	Q
1													
2													
3													
4													
5													
6		<u>91.5</u>	<u>0.70</u>	<u>89.0</u>	<u>0.63</u>	<u>87.5</u>	<u>0.57</u>	<u>85.0</u>	<u>0.52</u>	<u>84.0</u>	<u>0.51</u>	<u>82.0</u>	<u>0.47</u>
7													
8													
9													
10													
11													
12		<u>90.5</u>	<u>0.68</u>	<u>88.0</u>	<u>0.60</u>	<u>86.5</u>	<u>0.56</u>	<u>84.0</u>	<u>0.51</u>	<u>83.0</u>	<u>0.49</u>	<u>81.0</u>	<u>0.45</u>
13													
14													
15													
16													
17													
18		<u>90.0</u>	<u>0.67</u>	<u>88.0</u>	<u>0.60</u>	<u>85.0</u>	<u>0.52</u>	<u>83.5</u>	<u>0.50</u>	<u>82.5</u>	<u>0.48</u>	<u>80.0</u>	<u>0.44</u>
19													
20													
21													
22													
23													
24													
Mean													
Max.													
Min													
Remarks	H: Gauge height in _____ Q: Discharge in _____ Zero Point of water gauge: EL. _____												