

## **Appendix 3**

### **Data of Field Investigation Works**

## **Appendix 3**

### **Data of Field Investigation Works**

- 3.1 Data of Topographic Survey
- 3.2 Data of Seismic Prospecting Survey
- 3.3 Data of Core Drilling Work
- 3.4 Data of Survey on Environmental Impact and Compensation
- 3.5 Data of Geology

### **3.1 Data of Topographic Survey**

#### **Description of GPS Stations**

**Station No. 001 ~ 037**







## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 002	<b>DISTRICT:</b>	M. KALUM
<b>TYPE:</b>		<b>PROVIENCE:</b>	XEKONG

**METHOD OF APPROACH:**

The station was established on the rice field . Approached to the site for monumentation , signalisation and observation by helicopter.

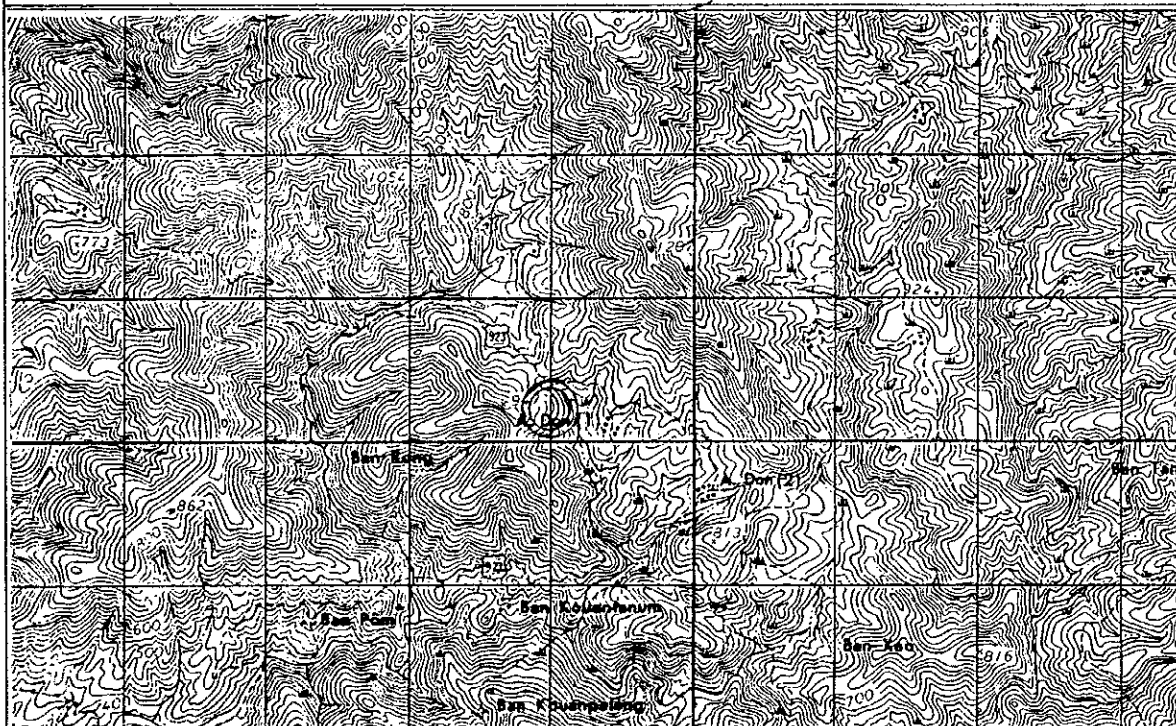
GPS 2

LATITUDE	15 ° 53 ' 1.3298 "	N(m)	1,756,938.635
LONGITUDE	106 ° 59 ' 7.2890 "	E(m)	712,546.287
		H(m)	

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO:** 6340 I

**NAME:** B. CHAKEUY TAI







## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 003	<b>DISTRICT:</b>	M. KALUM
<b>TYPE:</b>		<b>PROVIENCE:</b>	XEKONG

**METHOD OF APPROACH:**

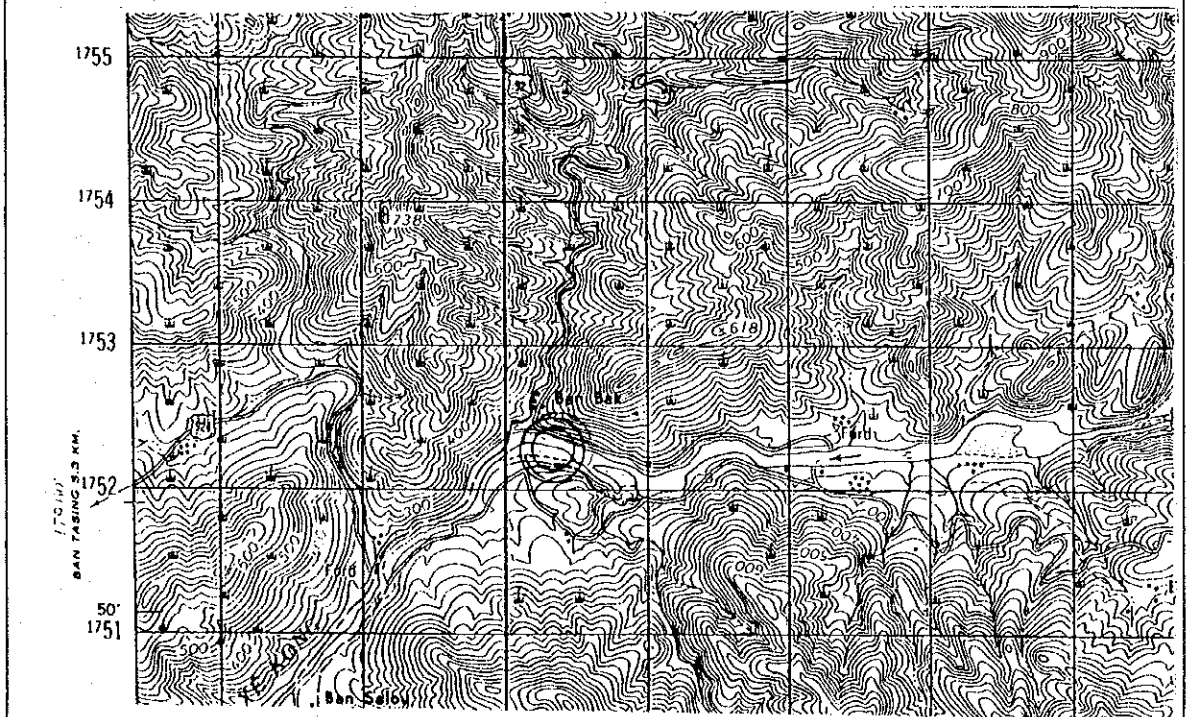
The station was established on the bank of Xe Kong river near Ban Long Kong .  
 Approached to the site for monumentation , signalisation and observation by  
 helicopter.

GPS 3			
LATITUDE	15 ° 50 ' 36.7371 "	N(m)	1,752,306.025
LONGITUDE	106 ° 47 ' 25.2450 "	E(m)	691,700.720
		H(m)	204.187

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO: 6340 I**

**NAME: B. CHAKEUY TAI**





## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 004	<b>DISTRICT:</b>	M. KALUM
<b>TYPE:</b>		<b>PROVIENCE:</b>	XEKONG

**METHOD OF APPROACH:**

The station was established near the bank of Xe Kong river near Ban Don .  
 Approached to the site for monumentation , signalisation and observation by  
 helicopter.

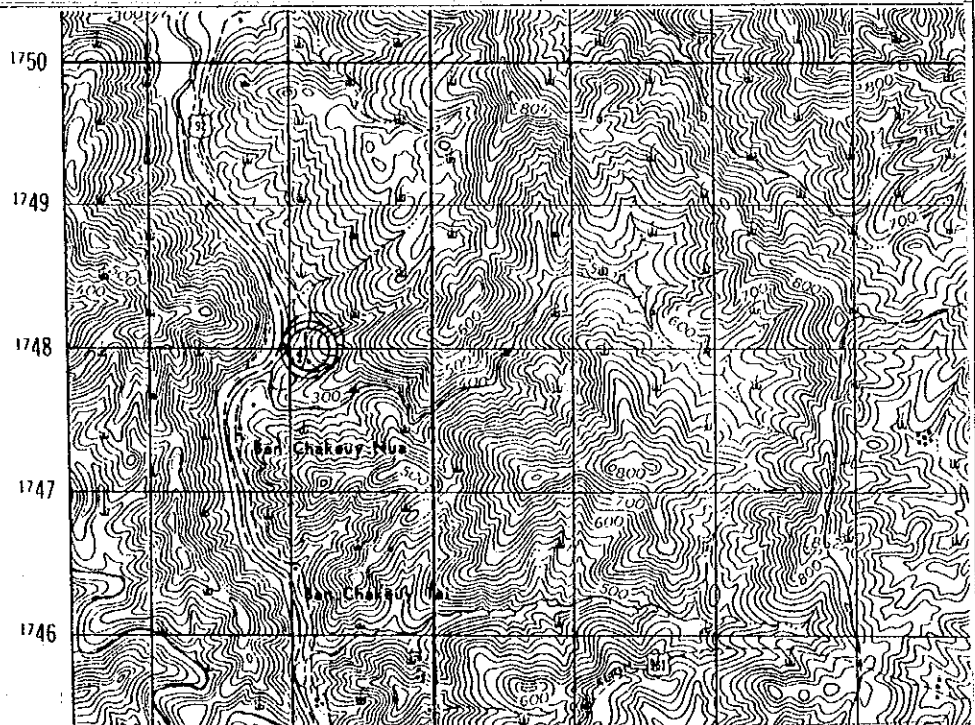
GPS 4

LATITUDE	15 ° 48 ' 1.5269 "	N(m)	1,747,509.234
LONGITUDE	106 ° 45 ' 40.7379 "	E(m)	688,631.563
		H(m)	221.060

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO:** 6340 I

**NAME:** B. CHAKEUY TAI





## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 005	<b>DISTRICT:</b>	M. KALUM
<b>TYPE:</b>		<b>PROVIENCE:</b>	XEKONG

**METHOD OF APPROACH:**

The station was established in the rice field near Ban Tanglau . Approached to the site for monumentation , signalisation and observation by helicopter.

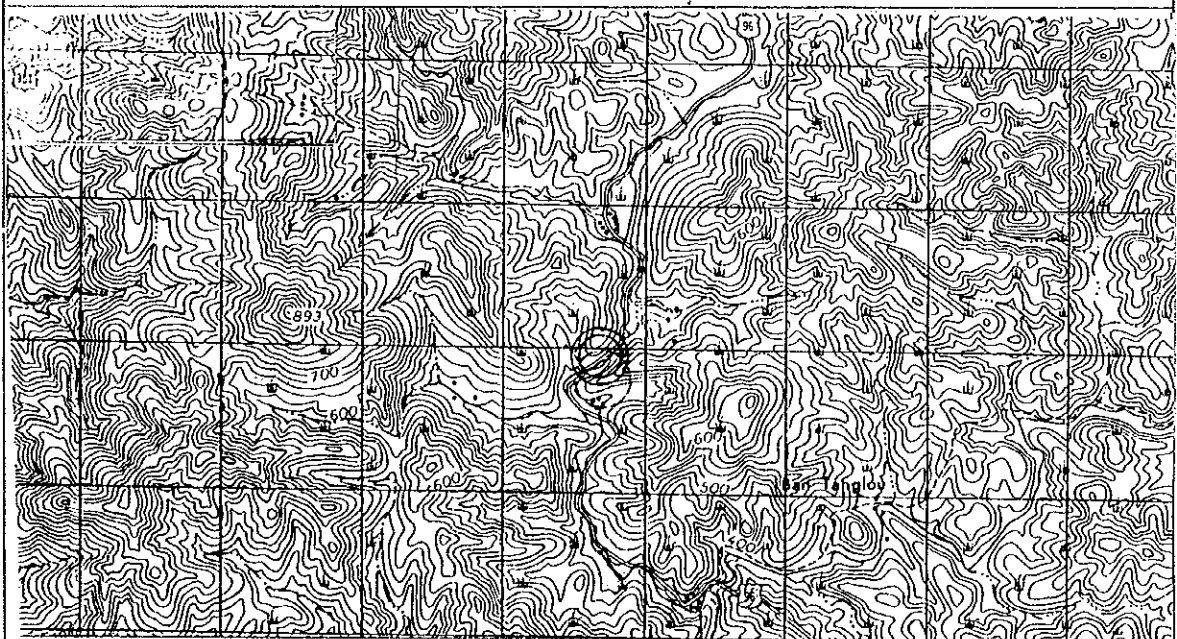
GPS 5

LATITUDE	15 ° 47 ' 6.5204 " N(m)	1,745,882.871
LONGITUDE	106 ° 49 ' 53.9265 " E(m)	696,180.538
	H(m)	447.847

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO: 6340 I**

**NAME: B. CHAKEUY TAI**



692      693      694      695      696 50'      697      698      699  
 189570' E. Greenwich      BAN LÖY TAI 7.0 KM.



## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 006	<b>DISTRICT:</b>	M. KALUM
<b>TYPE:</b>		<b>PROVIENCE:</b>	XEKONG

**METHOD OF APPROACH:**

The station was established in the rice field near Ban Taxing . Approached to the site for monumentation , signalisation and observation by helicopter.

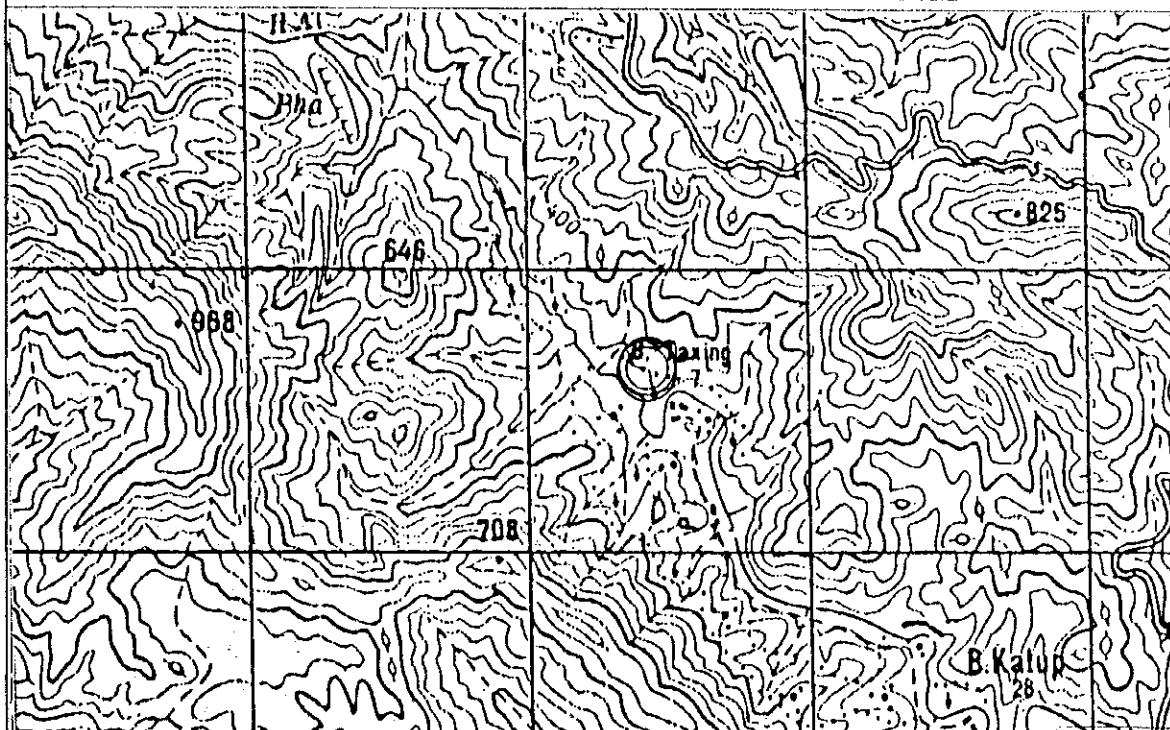
GPS 6

LATITUDE	15 ° 45 ' 16.2649 "	N(m)	1.742.368.243
LONGITUDE	106 ° 41 ' 27.8648 "	E(m)	681.147.623
		H(m)	268.041

**LOCATION IN 1: 100,000 MAP:**

**MAP SHEET NO: D 48-10**

**NAME: M. KALUM**







## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 007	<b>DISTRICT:</b>	M. SALAVAN
<b>TYPE:</b>		<b>PROVIENCE:</b>	SALAVAN

**METHOD OF APPROACH:**

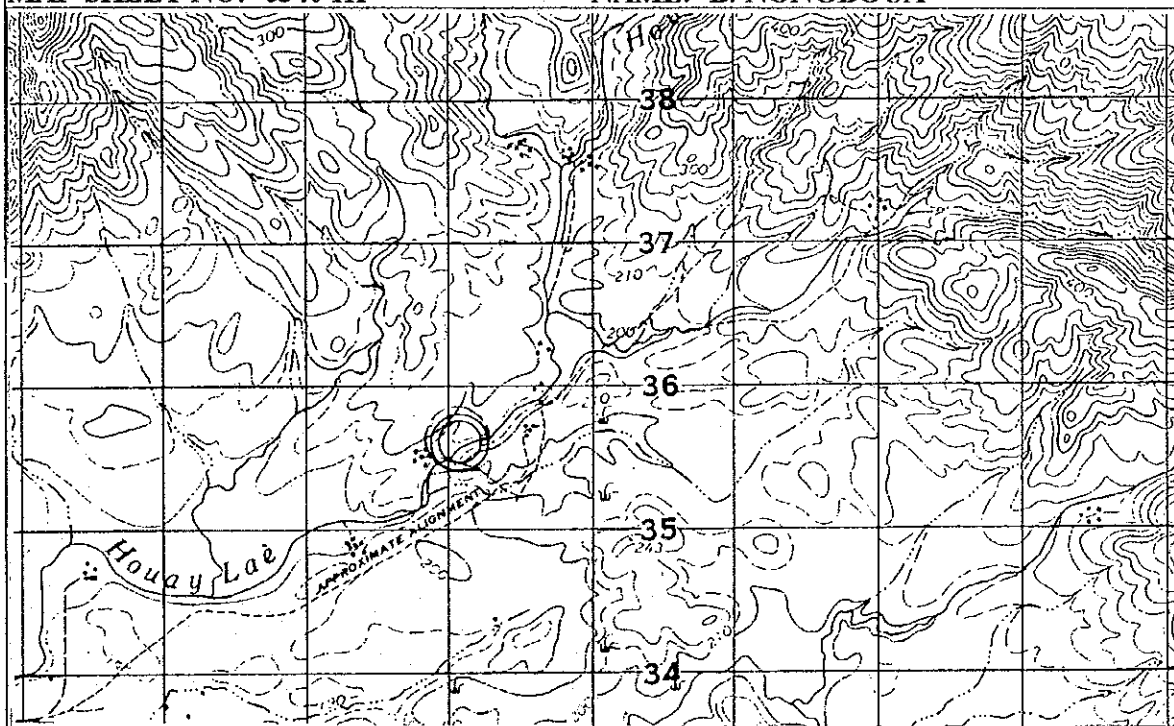
The station was established in the grass land along disused Hochiminh trail near Ban Bouang . Approached to the site for monumentation , signalisation and observation by helicopter.

GPS 7					
LATITUDE	15 °	42 ' 0.1798 "	N(m)	1,736,285.435	
LONGITUDE	106 °	37 ' 26.5370 "	E(m)	674,011.418	
			H(m)	236.203	

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO: 6340 III**

**NAME: B. NONGBOUA**





## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 008	<b>DISTRICT:</b>	M. KALUM
<b>TYPE:</b>		<b>PROVIENCE:</b>	XEKONG

**METHOD OF APPROACH:**

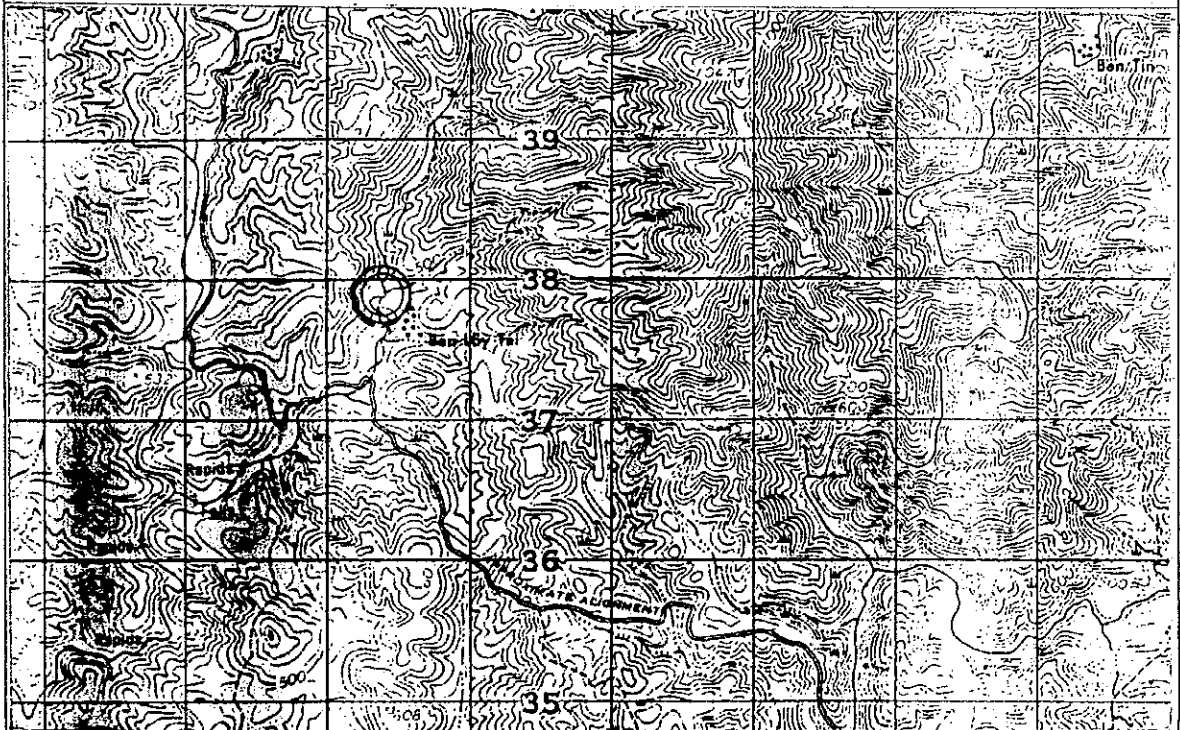
The station was established in the barren land near Ban Bouay Say . Approached to the site for monumentation , signalisation and observation by helicopter.

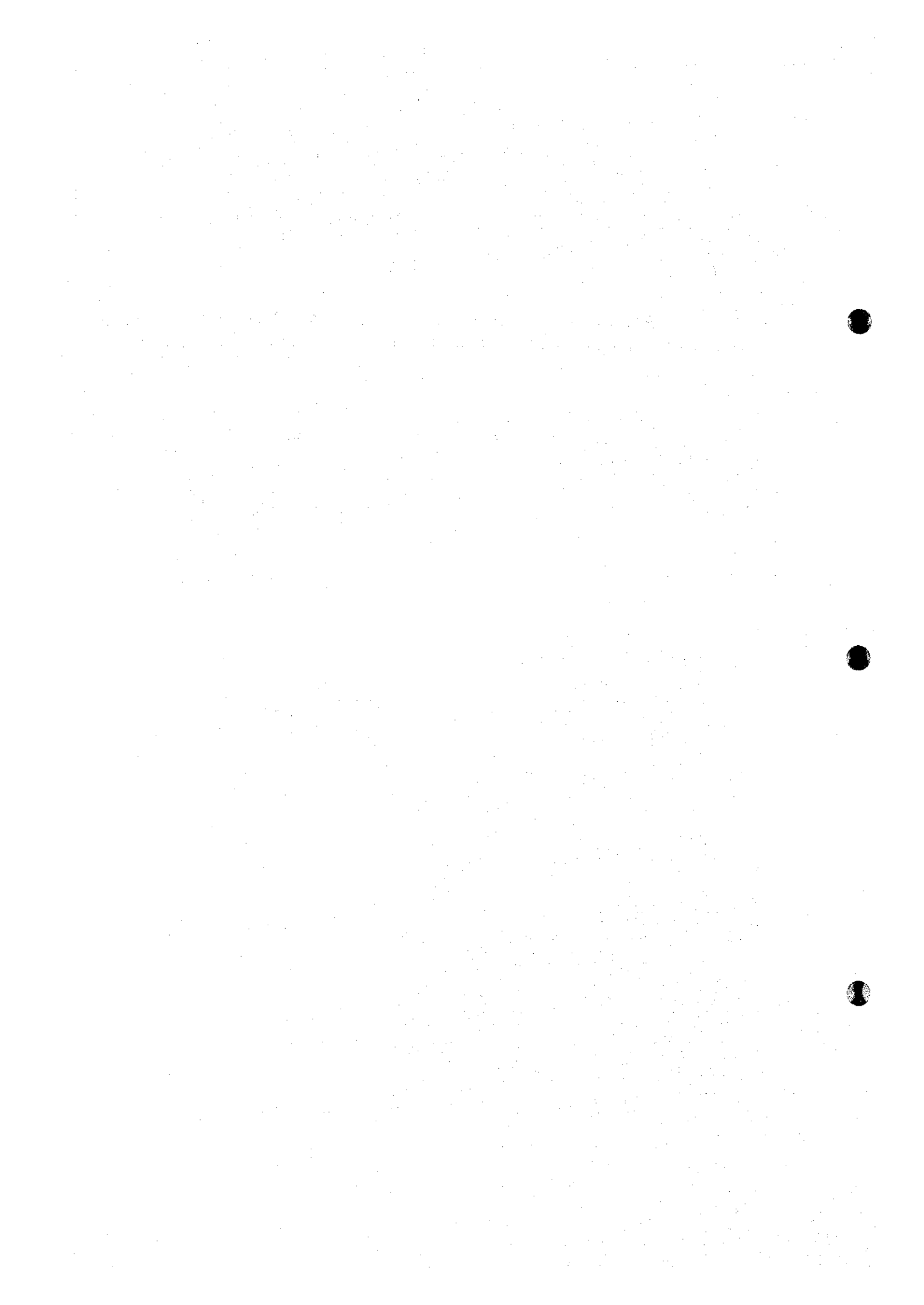
GPS 8					
LATITUDE	15 °	42 ' 49.2773 "	N(m)	1,738,000.509	
LONGITUDE	106 °	51 ' 27.7645 "	E(m)	699,042.820	
			H(m)	407.091	

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO: 6340 II**

**NAME: B. HANONG**





## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 009	<b>DISTRICT:</b>	M. KALUM
<b>TYPE:</b>		<b>PROVIENCE:</b>	XEKONG

**METHOD OF APPROACH:**

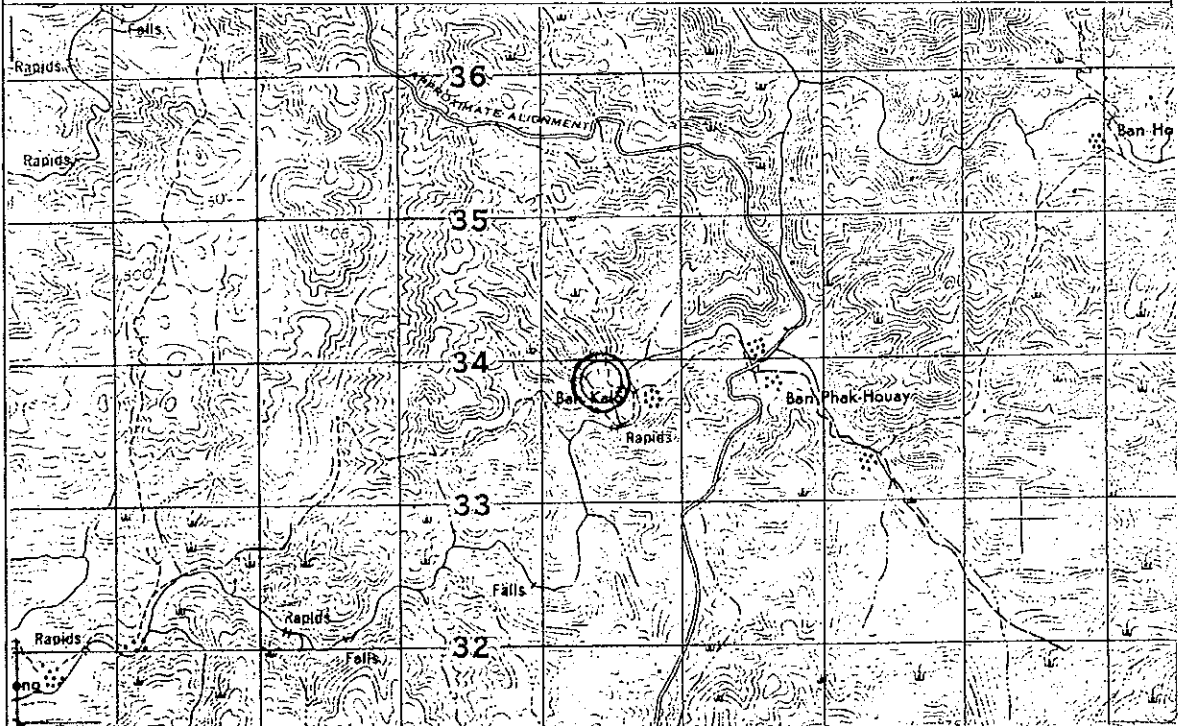
The station was established in the barren land near Ban Kalo . Approached to the site for monumentation , signalisation and observation by helicopter.

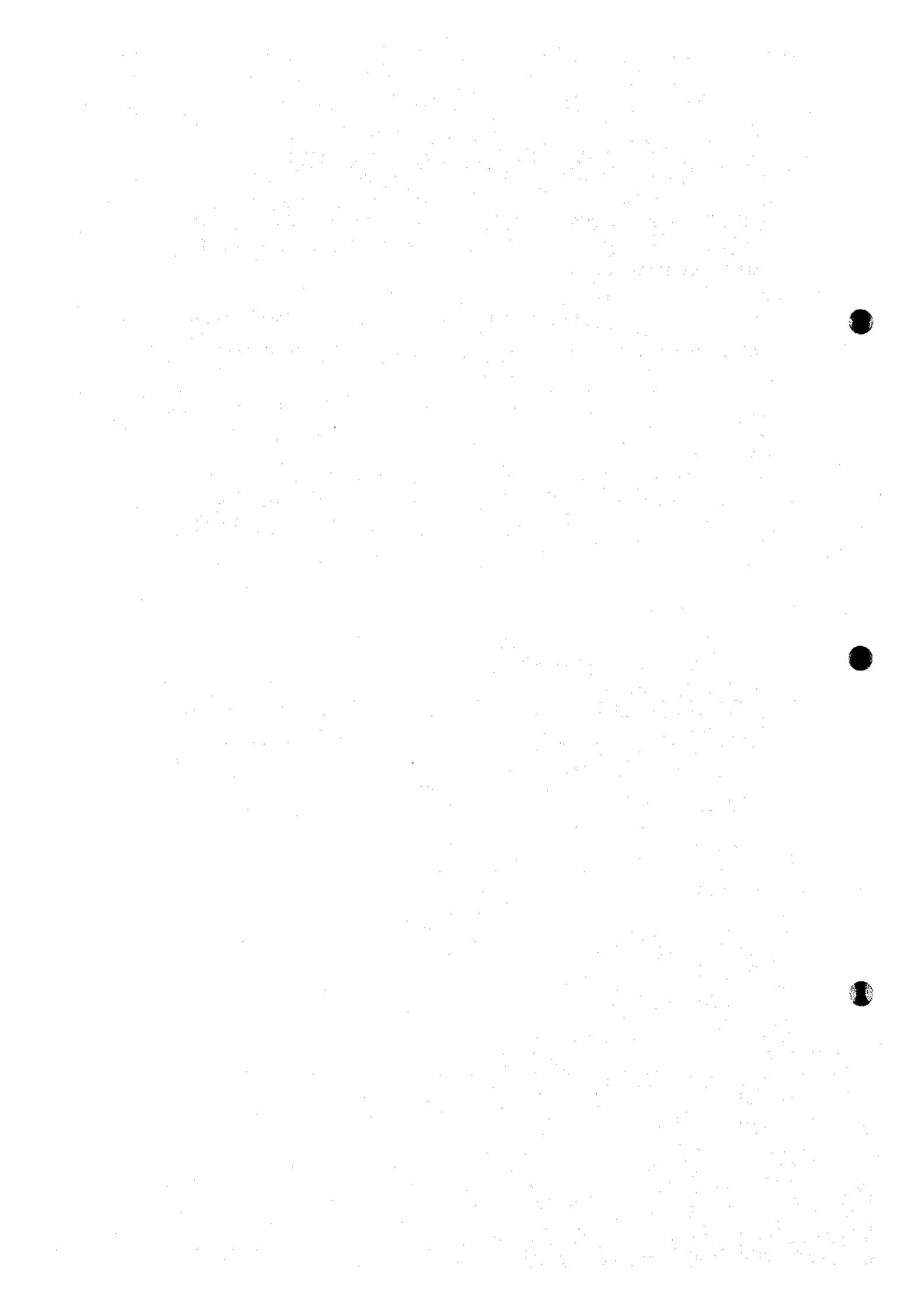
GPS 9					
LATITUDE	15 °	40 ' 33.1486 "	N(m)	1,733,845.836	
LONGITUDE	106 °	53 ' 19.7546 "	E(m)	702,414.253	
			H(m)	465.433	

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO: 6340 II**

**NAME: B. HANONG**





## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 010	<b>DISTRICT:</b>	M. SALAVAN
<b>TYPE:</b>		<b>PROVIENCE:</b>	SALAVAN

**METHOD OF APPROACH:**

The station was established near the disused Hochiminh trail . Approached to the site for monumentation , signalisation and observation by helicopter.

GPS 10

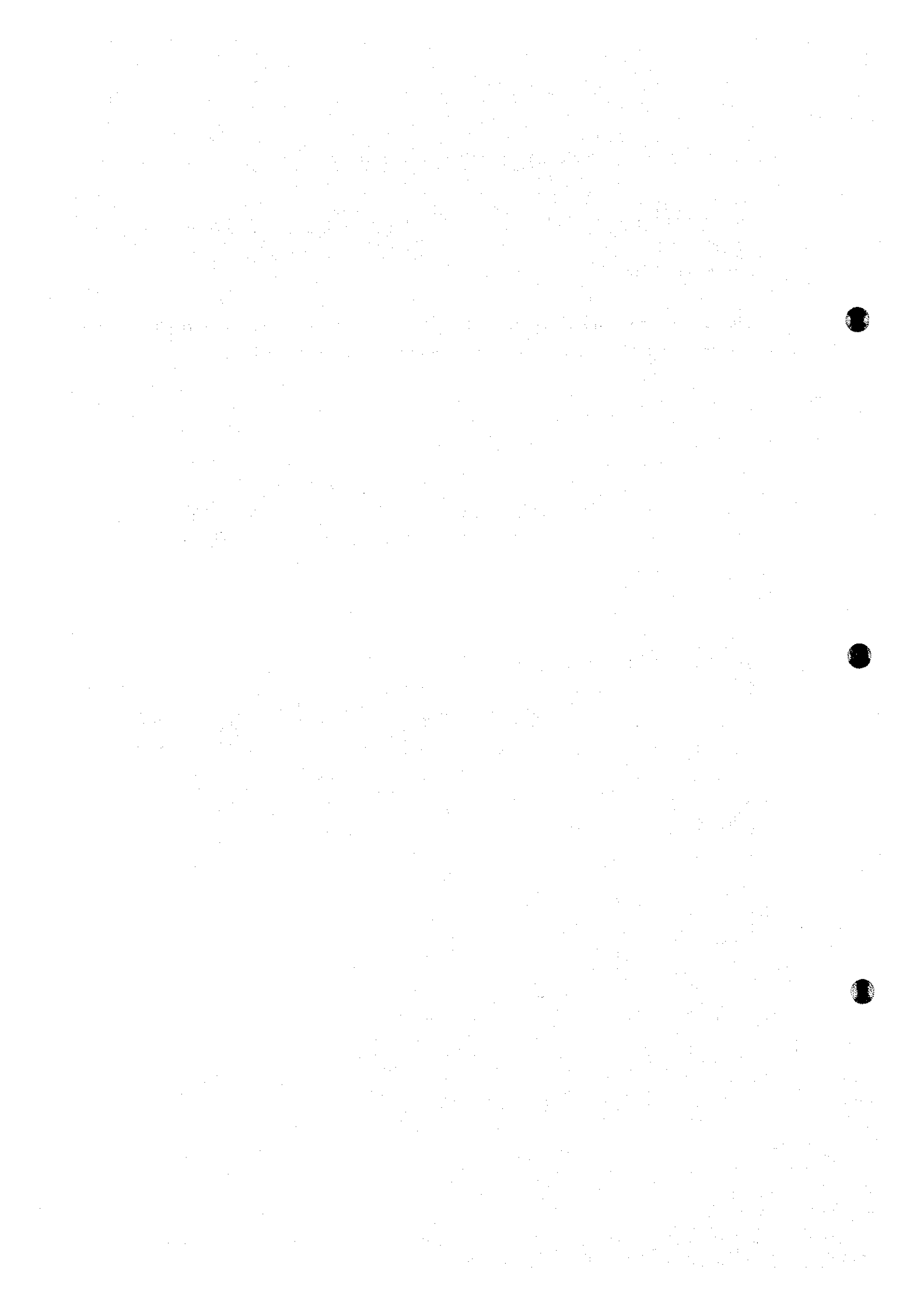
LATITUDE	15 ° 40 ' 22.5069 "	N(m)	1,733,303.942
LONGITUDE	106 ° 38 ' 54.9957 "	E(m)	676,668.208
		H(m)	232.906

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO: 6340 III**

**NAME: B. NONGBOUA**







## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 011	<b>DISTRICT:</b>	M.LAMAM
<b>TYPE:</b>		<b>PROVIENCE:</b>	XEKONG

**METHOD OF APPROACH:**

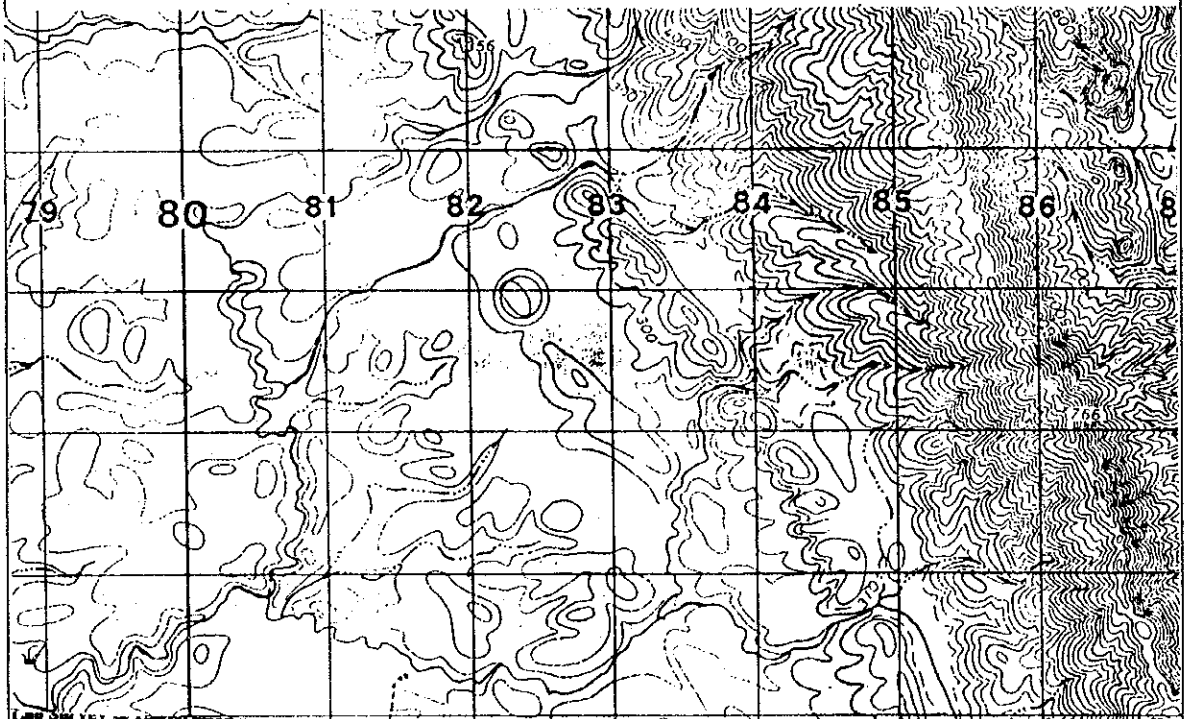
The station was established along the disused Hochiminh trail near Ban Na Num. Approached to the site for monumentation, signalisation and observation by helicopter.

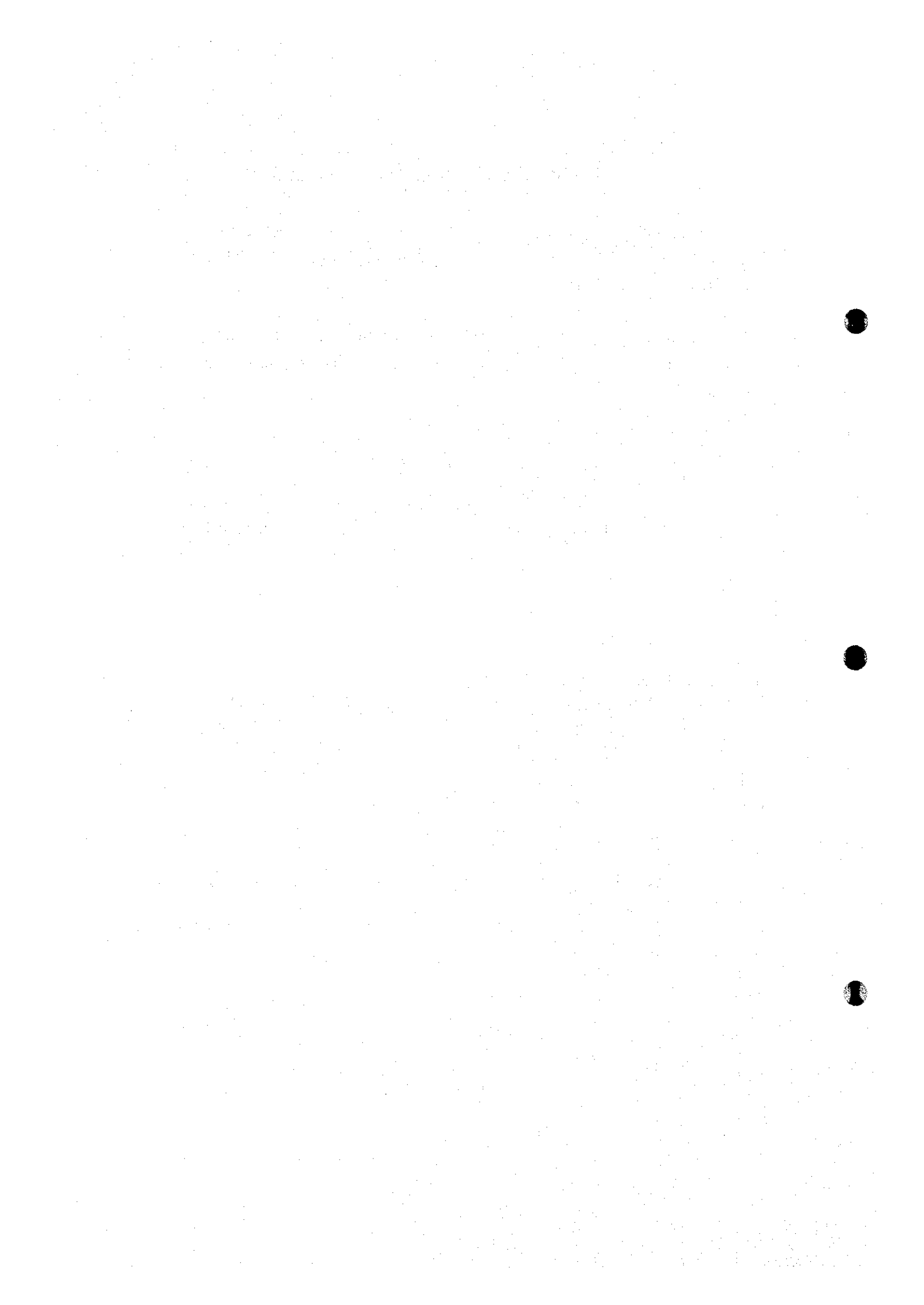
GPS 11					
LATITUDE	15 °	37 ' 5.4640 "	N(m)	1,727,289.270	
LONGITUDE	106 °	41 ' 50.7499 "	E(m)	681,949.614	
			H(m)	252.345	

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO: 6340 III**

**NAME: B. NONGBOUA**





## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 012	<b>DISTRICT:</b>	M.KALUM
<b>TYPE:</b>		<b>PROVIENCE:</b>	XEKONG

**METHOD OF APPROACH:**

The station was established near the bank of Nam Emun. Approached to the site for monumentation, signalisation and observation by helicopter.

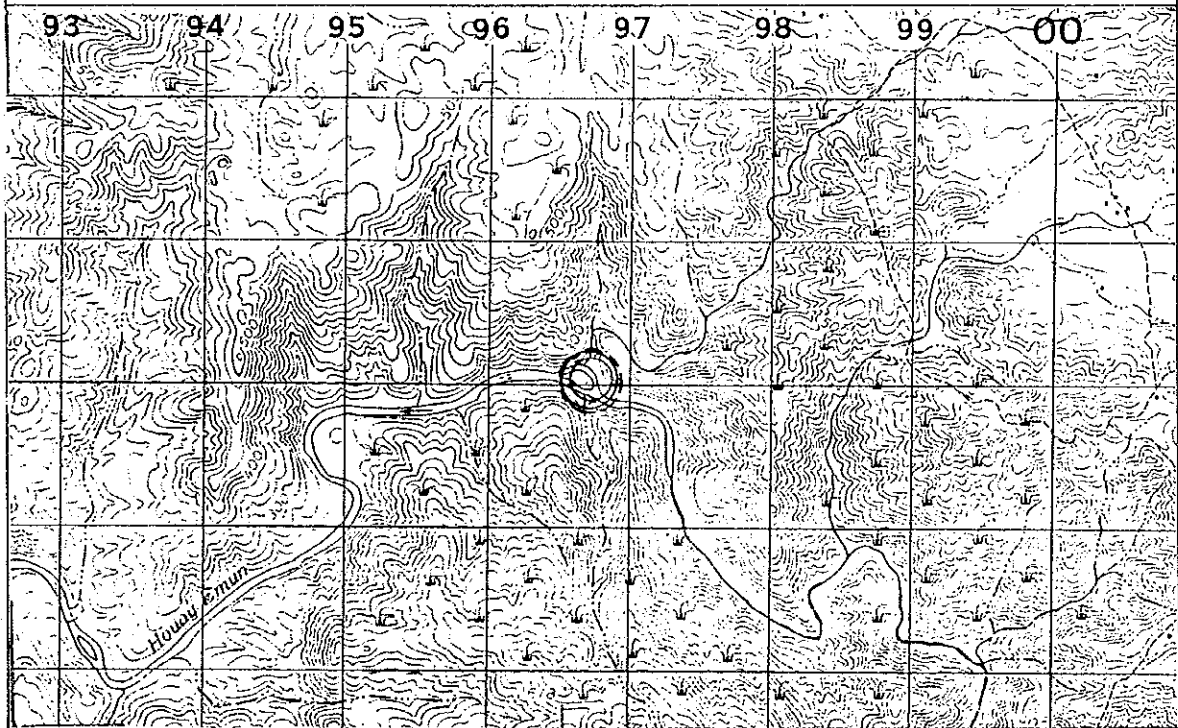
GPS 12

LATITUDE	15 ° 36 ' 18.1127 "	N(m)	1,725,956.035
LONGITUDE	106 ° 50 ' 4.8526 "	E(m)	696,678.399
		H(m)	188.510

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO: 6340 II**

**NAME: B. HANONG**





## DESCRIPTION OF GPS STATION

STATION NO:	GPS 013	DISTRICT:	M.KALUM
TYPE:		PROVIENCE:	XEKONG

### METHOD OF APPROACH:

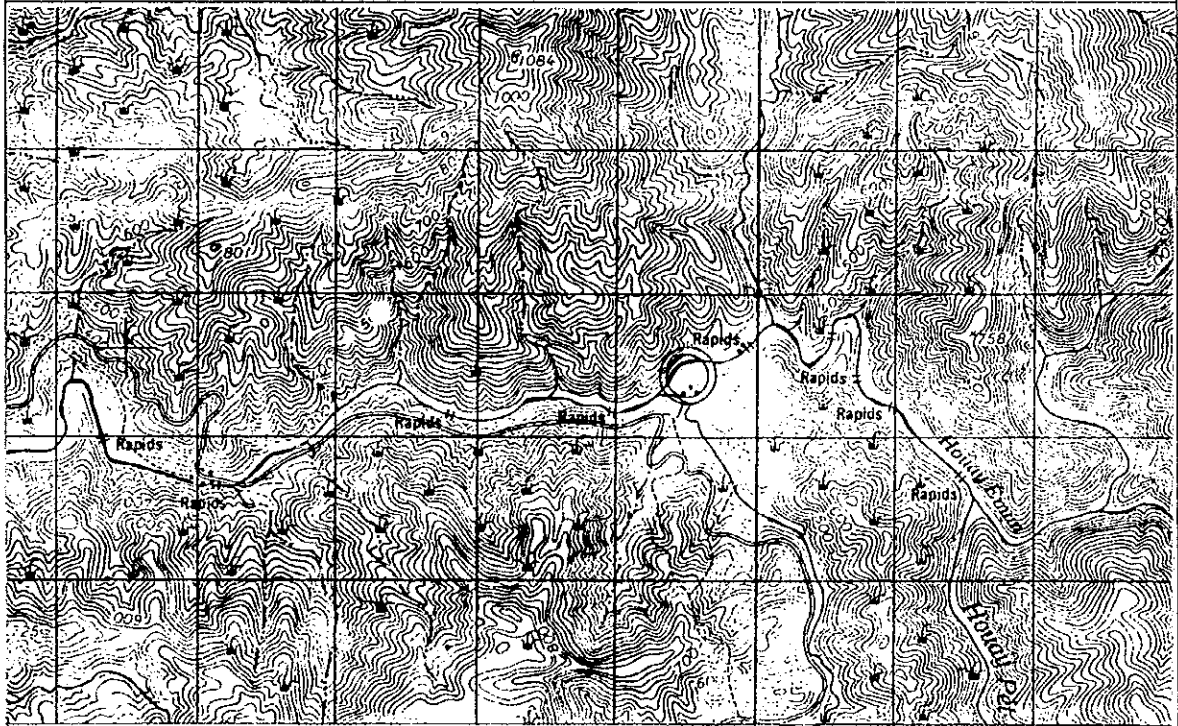
The station was established near ban Houayemun. Approached to the site for monumentation , signalisation and observation by helicopter.

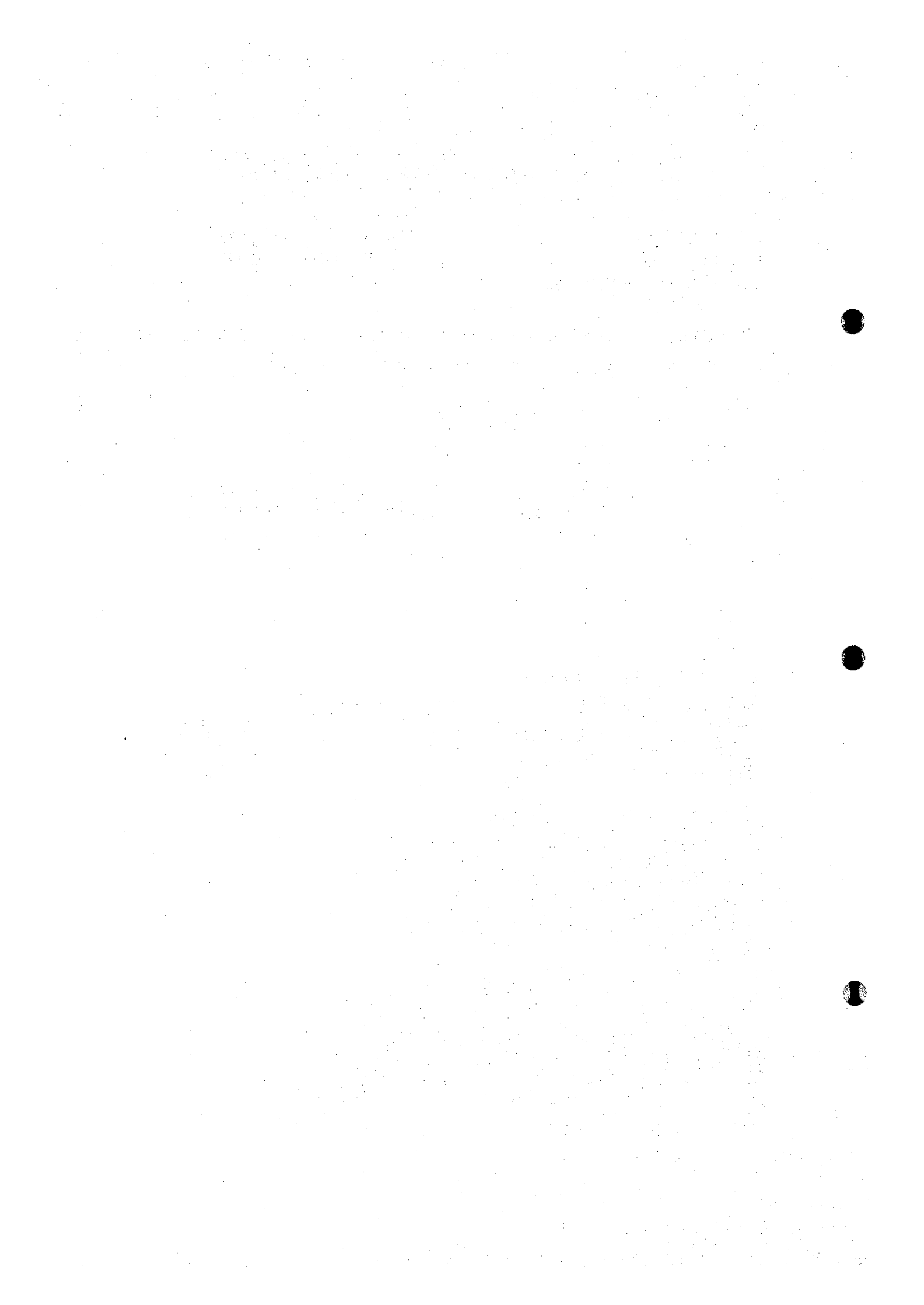
GPS 13				
LATITUDE	15 °	34 ' 44.0179 "	N(m)	1, 723, 177. 385
LONGITUDE	106 °	57 ' 13.6048 "	E(m)	709, 476. 377
			H(m)	316. 797

### LOCATION IN 1: 50,000 MAP:

MAP SHEET NO: 6340 II

NAME: B. HANONG





## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 014	<b>DISTRICT:</b>	M. LAMAM
<b>TYPE:</b>		<b>PROVIENCE:</b>	XEKONG

**METHOD OF APPROACH:**

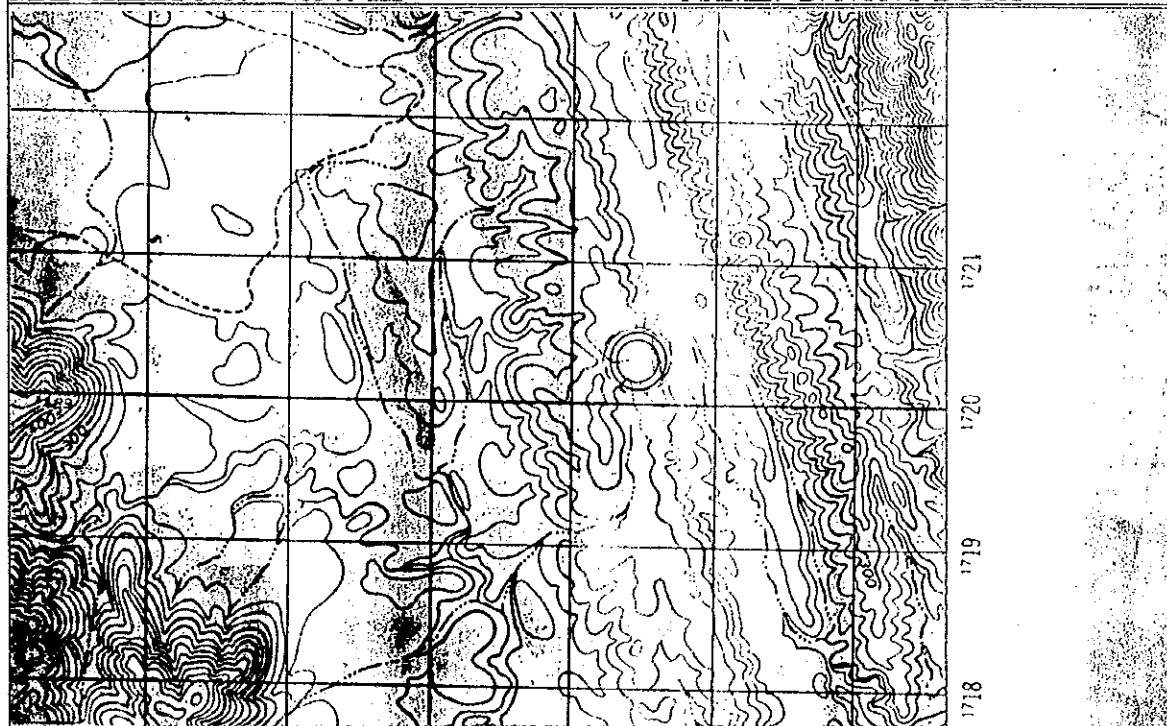
The station was established along the Hochiminh trail . Approached to the site for monumentation , signalisation and observation by 4WD vehicle from Ban Phon, which is 8Km from Xekong on the way to Salavan. It takes 2 hrs drive (about 22 Km ) from Ban Phon. GPS 015 is also on the way.

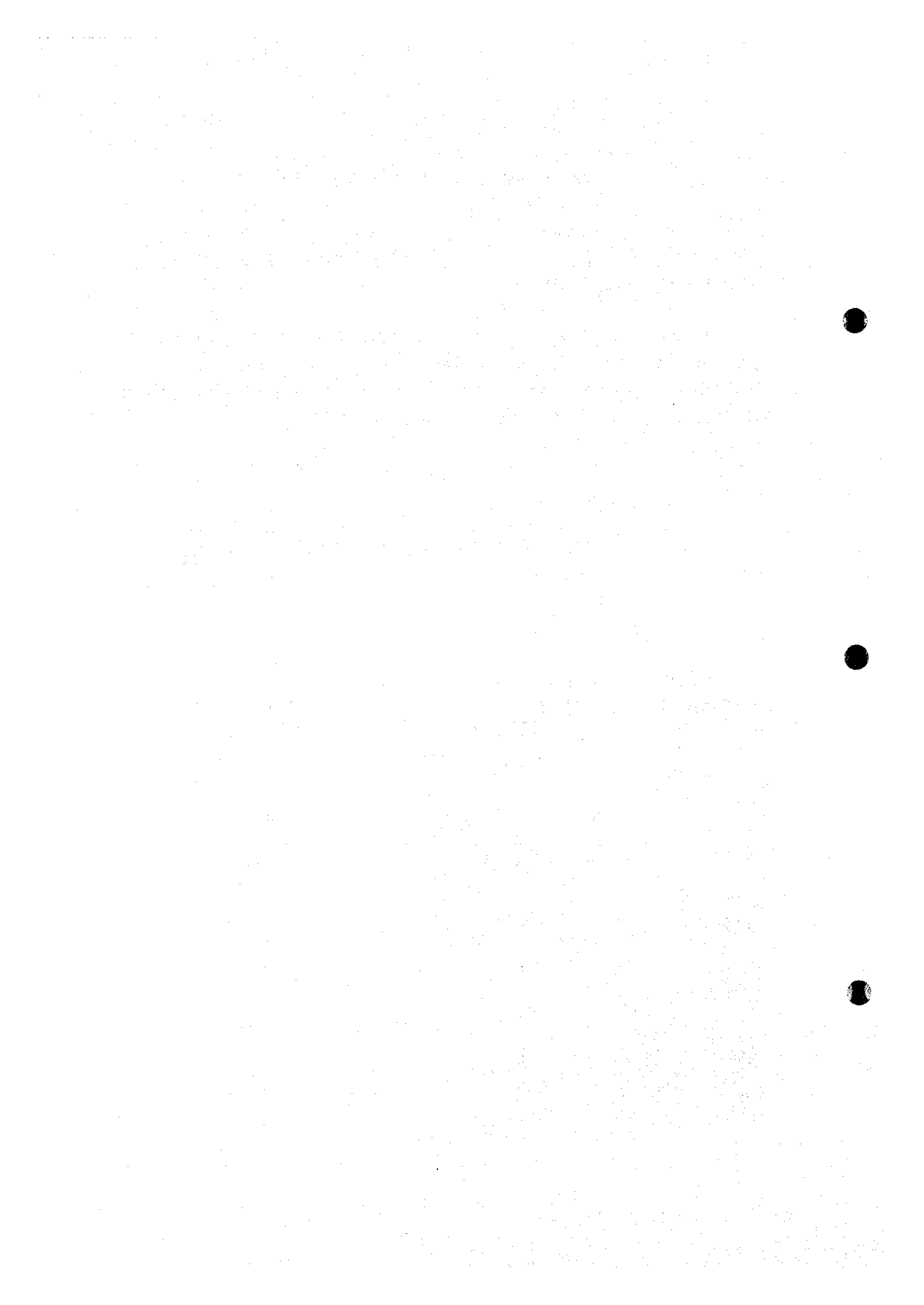
GPS 14					
LATITUDE	15 °	32 ' 10.3354 "	N(m)	1,718,255.851	
LONGITUDE	106 °	44 ' 25.5981 "	E(m)	686,635.490	
			H(m)	227.890	

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO:** 6340 III

**NAME:** B. NONG BOUA







## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 015	<b>DISTRICT:</b>	M. LAMAM
<b>TYPE:</b>		<b>PROVIENCE:</b>	XEKONG

**METHOD OF APPROACH:**

The station was established along the Hochiminh trail . Approached to the site for monumentation , signalisation and observation by 4WD vehicle from Ban Phon, which is 8Km from Xekong on the way to Salavan. It takes 50 mins drive (about 9.5Km ) from Ban Phon.

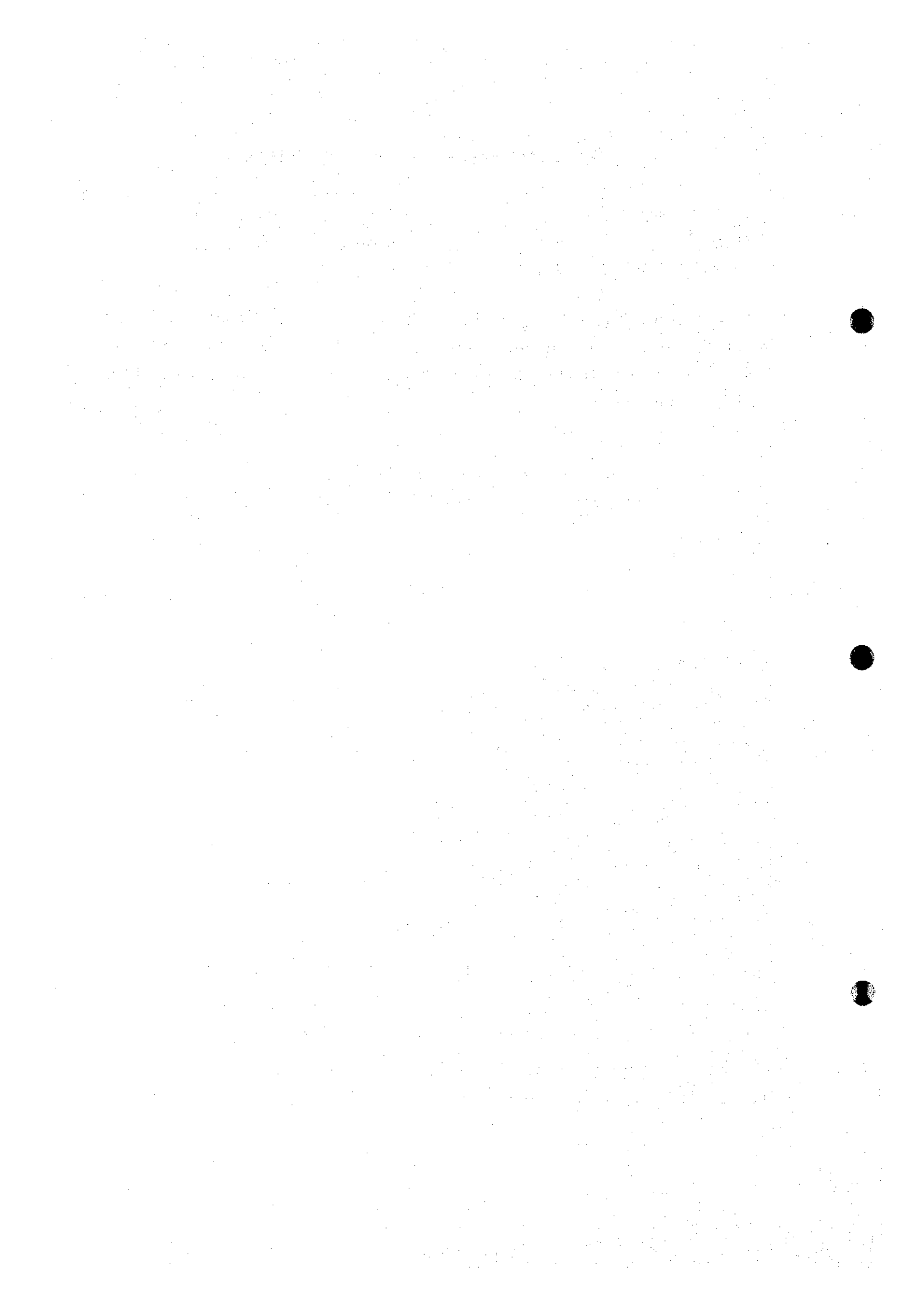
GPS 15					
LATITUDE	15 °	28 ' 11.1652 "	N(m)	1,710,892.280	
LONGITUDE	106 °	43 ' 32.3891 "	E(m)	685,109.315	
			H(m)	151.304	

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO: 6340 III**

**NAME: B. NONG BOUA**





## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 016	<b>DISTRICT:</b>	M. LAMAM
<b>TYPE:</b>		<b>PROVIENCE:</b>	XEKONG

**METHOD OF APPROACH:**

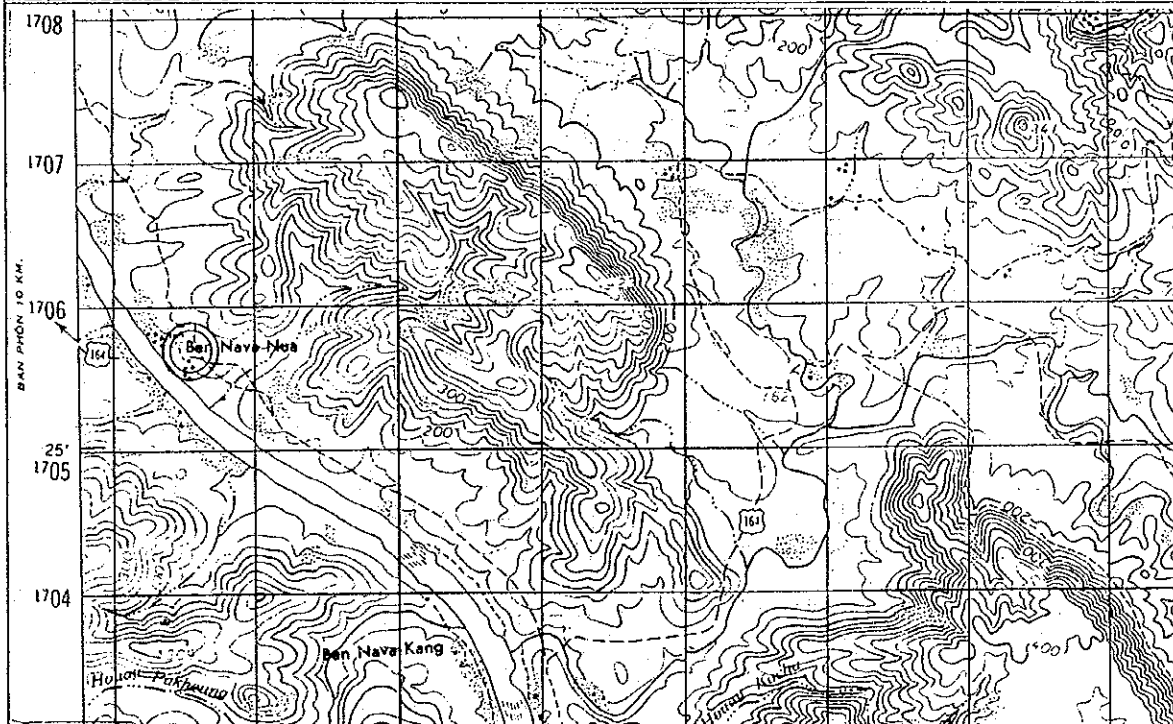
The station was established on the rice field of a abenden village near Ban Nava Nua along the Xe Kong river . Approached to the site for monumentation and signalisation by 4WD vehicle from Ban Phon, which is 8Km from Xekong on the way to Salavan. It is about 10 Km from Ban Phon up to river and one has to cross the river and the point is on the top bank of river.

GPS 16					
LATITUDE	15 °	25 ' 23.9794 "	N(m)	1,705,779.853	
LONGITUDE	106 °	45 ' 19.8170 "	E(m)	688,353.127	
			H(m)	136.679	

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO: 6339 I**

**NAME: B. NAM HIANG**















## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 019	<b>DISTRICT:</b>	M. DAKCHUNG
<b>TYPE:</b>		<b>PROVIENCE:</b>	XEKONG

**METHOD OF APPROACH:**

The station was established on the confluence of Nam Xe Kaman and Nam Klabai . Approached to the site for monumentation , signalisation and observation by helicopter.

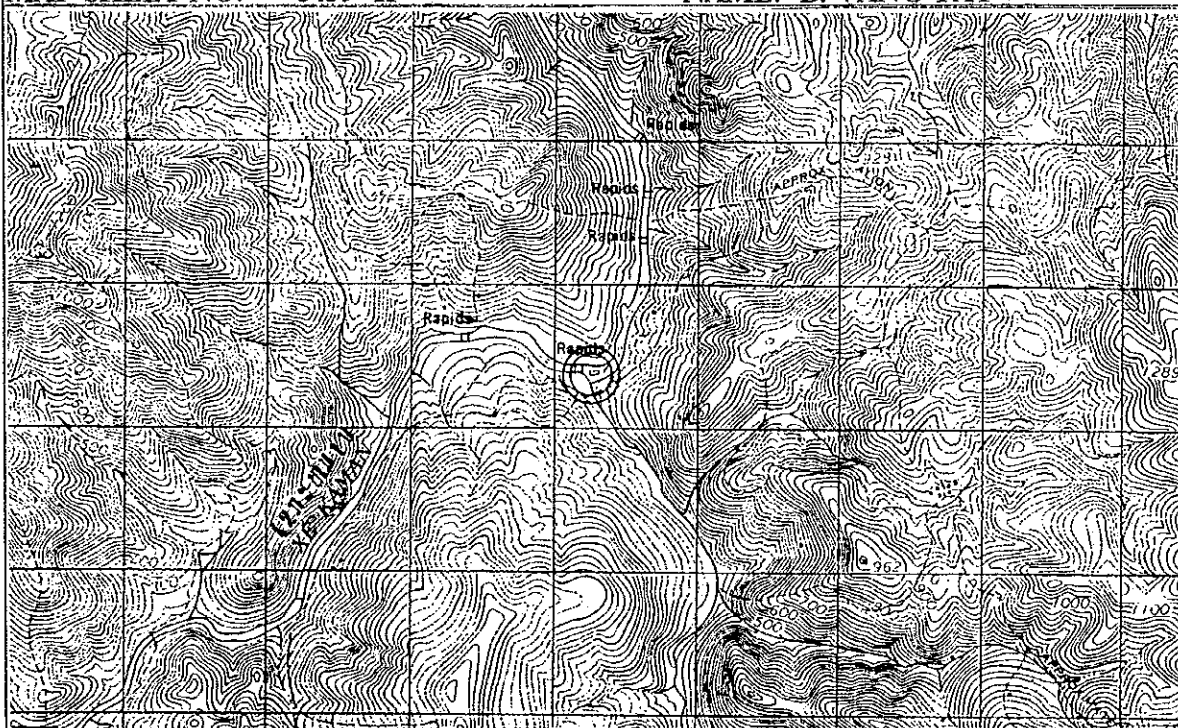
This station was washed away by flood after the GPS observation but before the aerial photography. Thus a supplimentary point was established and pricked by Mr. Takamatsu in January 94.

GPS 19					
LATITUDE	15 °	13 ' 24.2555 "	N(m)	1,684,391.058	
LONGITUDE	107 °	27 ' 35.5354 "	E(m)	764,212.217	
			H(m)	307.423	

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO: 6439 II**

**NAME: B. VANG TAT**





## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 020	<b>DISTRICT:</b>	M. SANXAY
<b>TYPE:</b>		<b>PROVIENCE:</b>	ATTAPU

**METHOD OF APPROACH:**

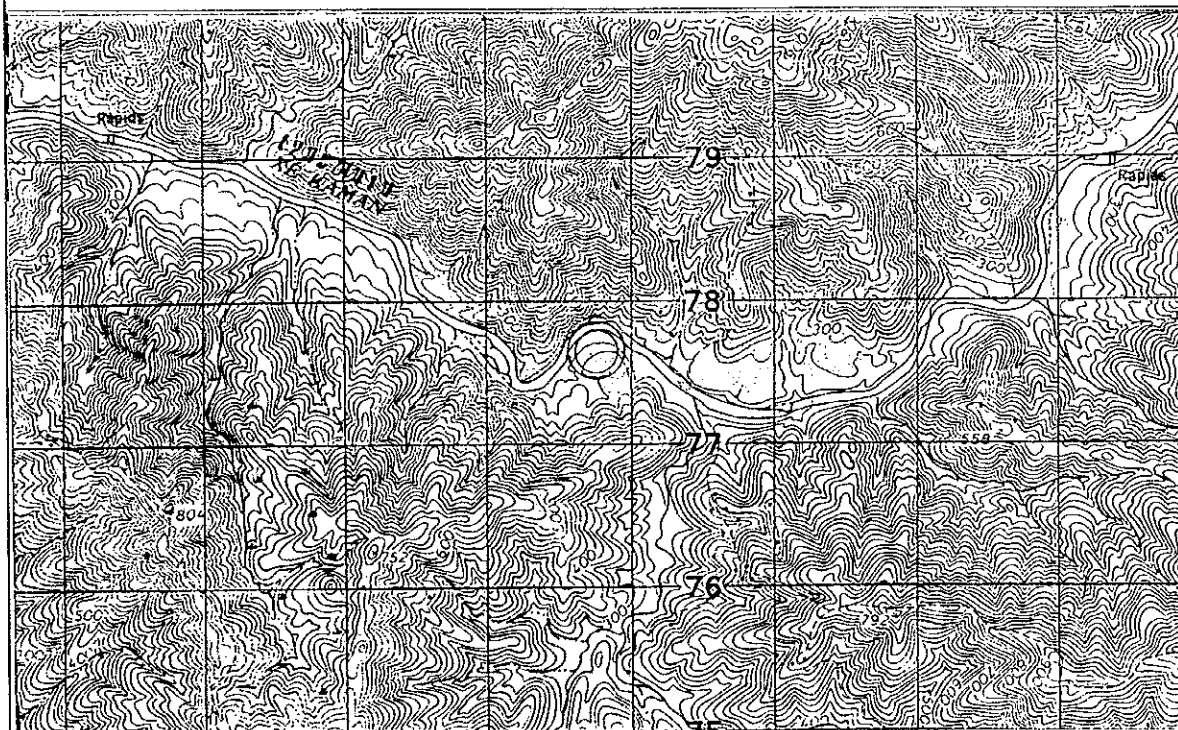
The station was established in Ban Phiang Xe near the bank of Xe Kaman river. Approached to the site for monumentation, signalisation and observation by helicopter.

GPS 20  
 LATITUDE 15 ° 9 ' 43.2411 " N(m) 1,677,491.598  
 LONGITUDE 107 ° 22 ' 19.4556 " E(m) 754,850.717  
 H(m)

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO: 6439 II**

**NAME: B. VANG TAT**





## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 021	<b>DISTRICT:</b>	M. SANXAY
<b>TYPE:</b>		<b>PROVINCENCE:</b>	ATTAPU

**METHOD OF APPROACH:**

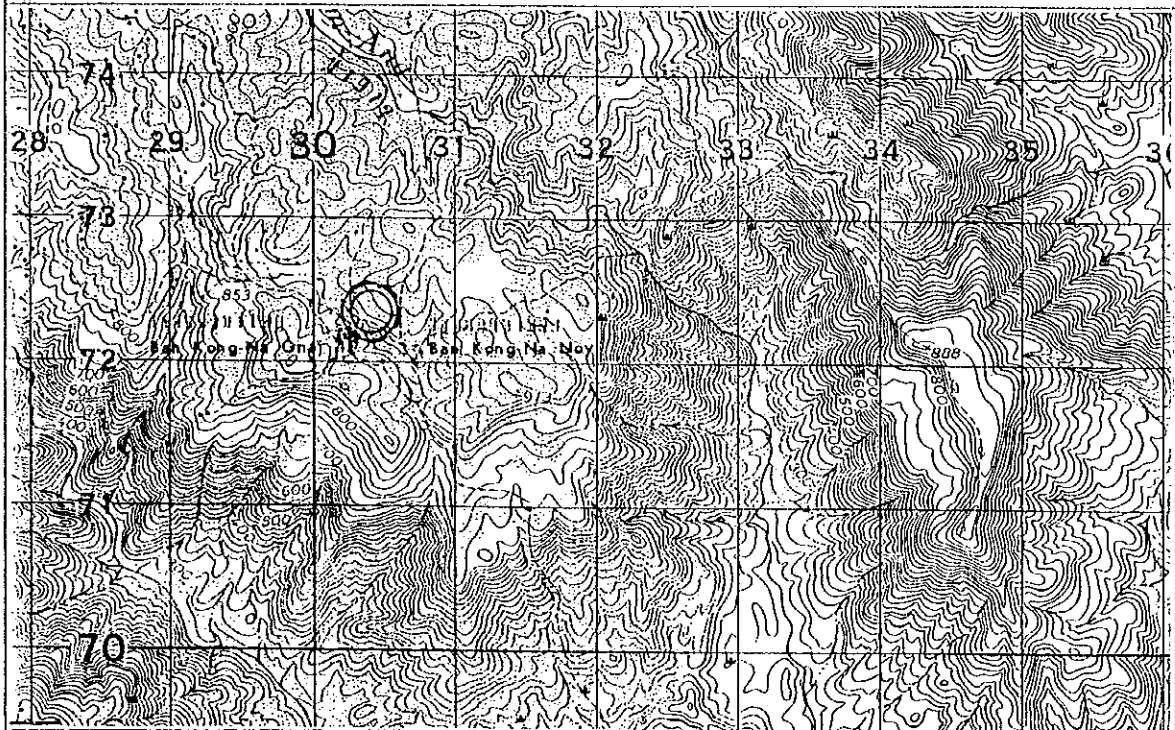
The station was established near Ban Kong Na. Approached to the site for monumentation , signalisation and observation by helicopter.

GPS 21  
 LATITUDE 15 ° 7 ' 19.4186 " N(m) 1,672,816.637  
 LONGITUDE 107 ° 8 ' 34.8211 " E(m) 730,273.106  
 H(m)

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO:** 6439 III

**NAME:** B. YET





## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 022	<b>DISTRICT:</b>	M. SANXAY
<b>TYPE:</b>		<b>PROVIENCE:</b>	ATTAPU

**METHOD OF APPROACH:**

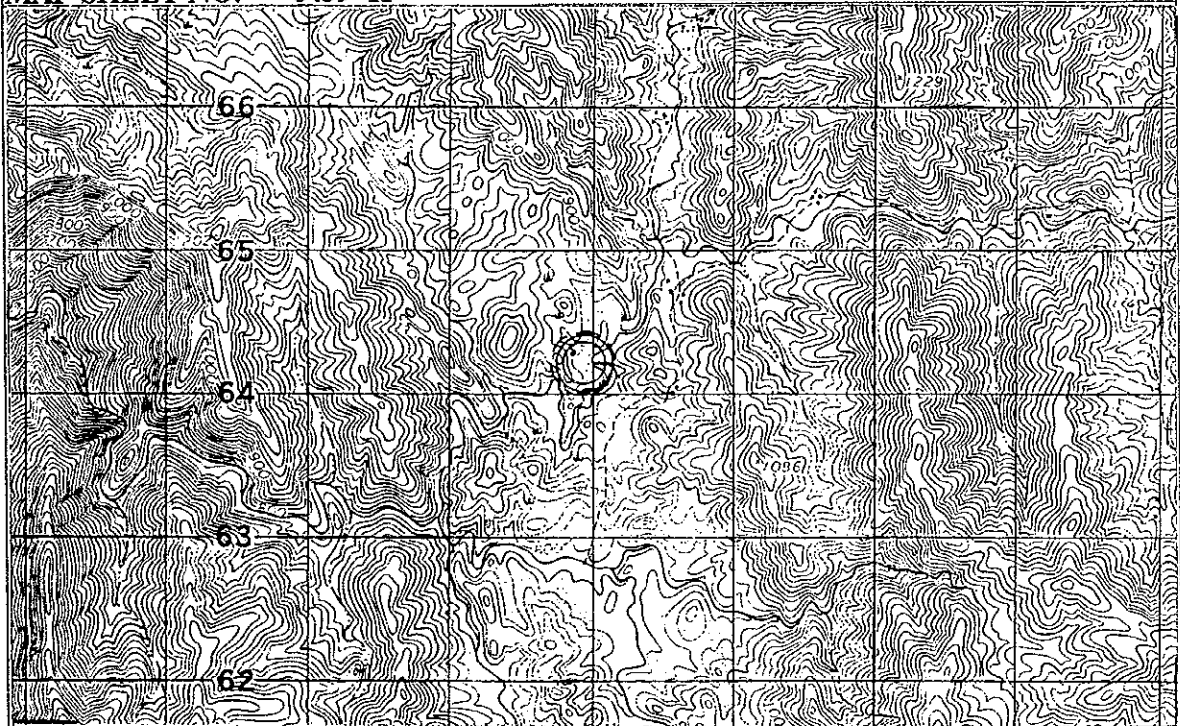
The station was established near Ban Vangtat. Approached to the site for monumentation , signalisation and observation by helicopter.

GPS 22					
LATITUDE	15 °	1 ' 36.4547 "	N(m)	1,662,561.214	
LONGITUDE	107 °	24 ' 9.0901 "	E(m)	758,287.815	
			H(m)		

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO: 6439 II**

**NAME: B. VANG TAT**







## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	<b>GPS 023</b>	<b>DISTRICT:</b>	<b>M. SANXAY</b>
<b>TYPE:</b>		<b>PROVIENCE:</b>	<b>ATTAPU</b>

**METHOD OF APPROACH:**

The station was established along the bank of Xe Kong river in the vicinity of Ban Dakklong. Approached to the site for monumentation , signalisation and observation by helicopter.

GPS 23					
LATITUDE	15 °	2 ' 20.3468 "	N(m)	1,663,708.040	
LONGITUDE	107 °	13 ' 21.8767 "	E(m)	738,937.702	
			H(m)	167.441	

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO: 6439 III**

**NAME: B. YET**





## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	<b>GPS 024</b>	<b>DISTRICT:</b>	<b>M. SANXAY</b>
<b>TYPE:</b>		<b>PROVIENCE:</b>	<b>ATTAPU</b>

**METHOD OF APPROACH:**

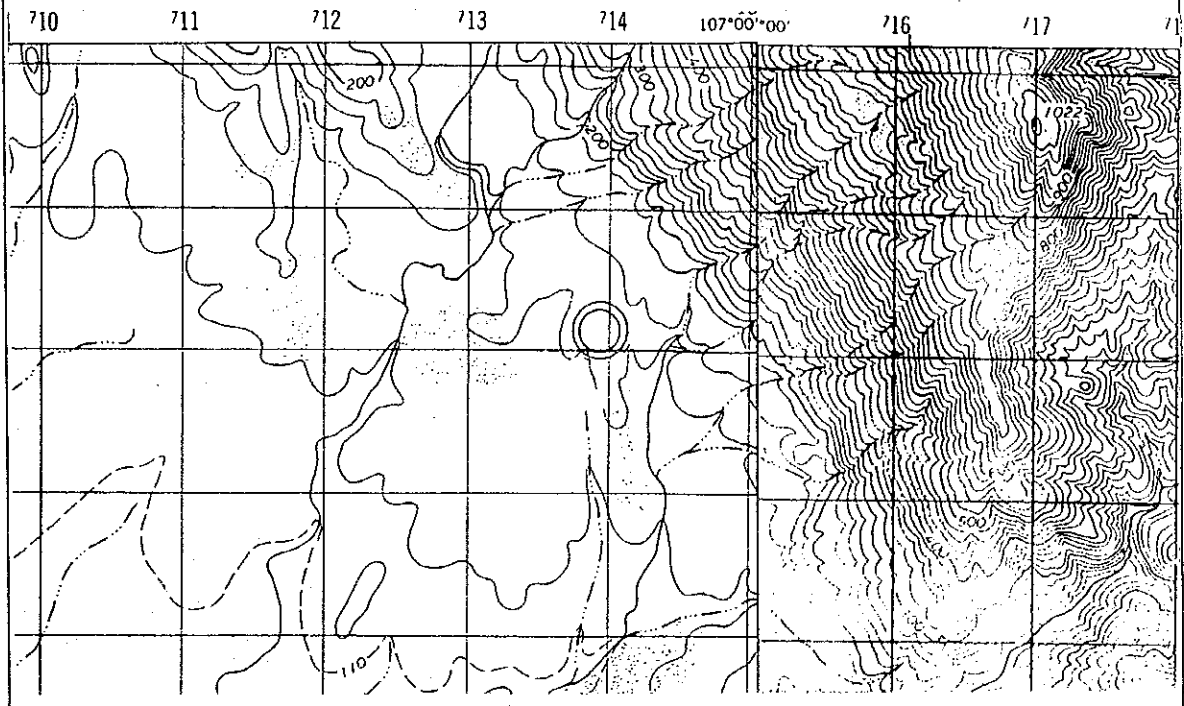
The station was established along the disused Hochiminh trail about 3 Km from Ban Paam. Approached to the site for monumentation , signalisation and observation by helicopter.

GPS 24					
LATITUDE	14 °	56 ' 57.3936 "	N(m)	1,653,549.021	
LONGITUDE	106 °	59 ' 48.0924 "	E(m)	714,718.412	
			H(m)	124.531	

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO: 6438 I**

**NAME: ATTAPU**





## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 025	<b>DISTRICT:</b>	M. SANXAY
<b>TYPE:</b>		<b>PROVIENCE:</b>	ATTAPU

**METHOD OF APPROACH:**

The station was established in Ban Paam, which is about 27 Km north east from Attapu. Approached to the site for monumentation and signalisation by vehicle from Attapu.

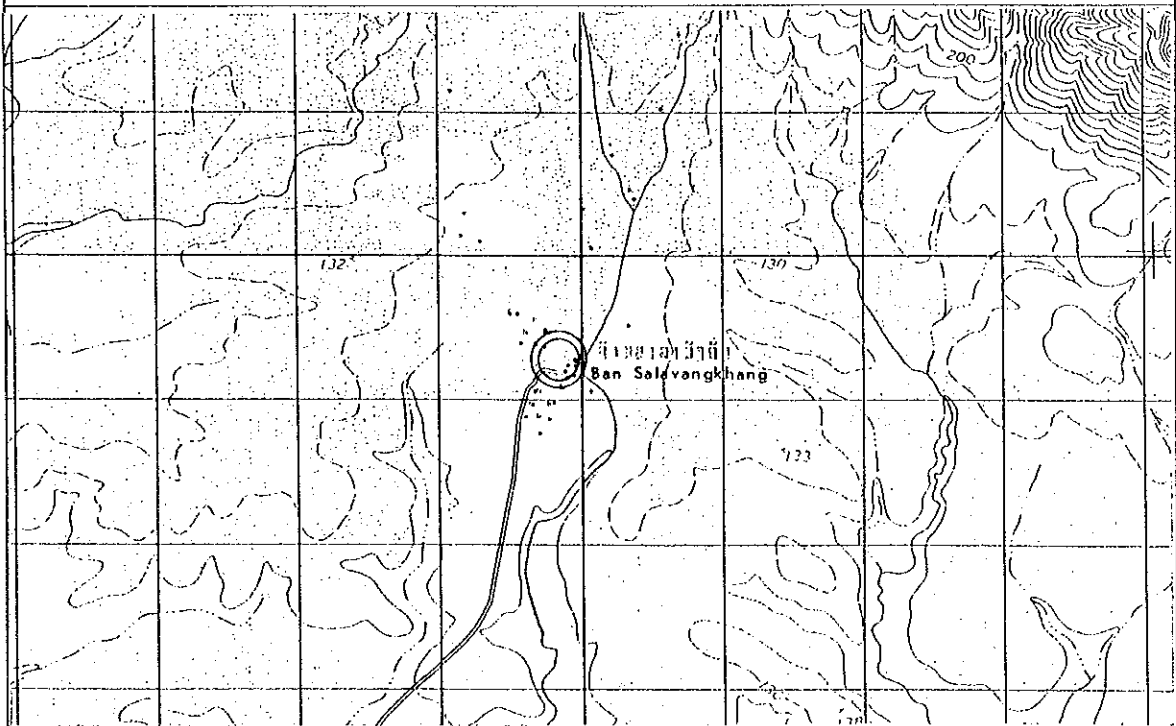
GPS 25

LATITUDE	14 ° 55 ' 23.6671 "	N(m)	1,650,720.517
LONGITUDE	107 ° 3 ' 0.6841 "	E(m)	720,500.095
		H(m)	132.070

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO: 6438 IV**

**NAME: B. SALAVANGKHANG**











## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	<b>GPS 027</b>	<b>DISTRICT:</b>	<b>SANXAI</b>
<b>TYPE:</b>		<b>PROVIENCE:</b>	<b>ATTAPU</b>

### METHOD OF APPROACH:

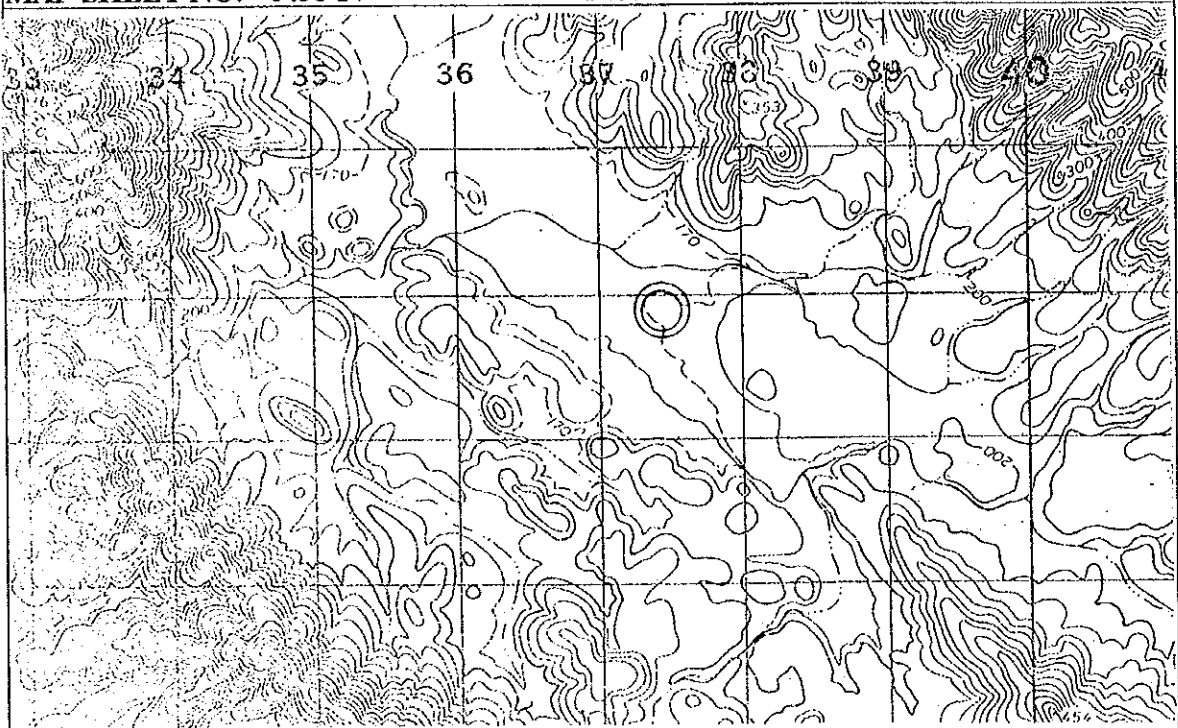
The station was established along the disused Hochiminh trail across the Xekaman river. Approached to the site for monumentation, signalisation and observation by helicopter .

GPS 27					
LATITUDE	14 °	52 ' 18.1422 "	N(m)	1,645,170.697	
LONGITUDE	107 °	11 ' 57.4837 "	E(m)	736,600.095	
			H(m)	178.910	

### LOCATION IN 1: 50,000 MAP:

MAP SHEET NO: 6438 IV

NAME: B. SALAVANGKHANG





## DESCRIPTION OF GPS STATION

STATION NO:	GPS 028	DISTRICT:	SAMAKHIXAI
TYPE:		PROVINCE:	ATTAPU

**METHOD OF APPROACH:**

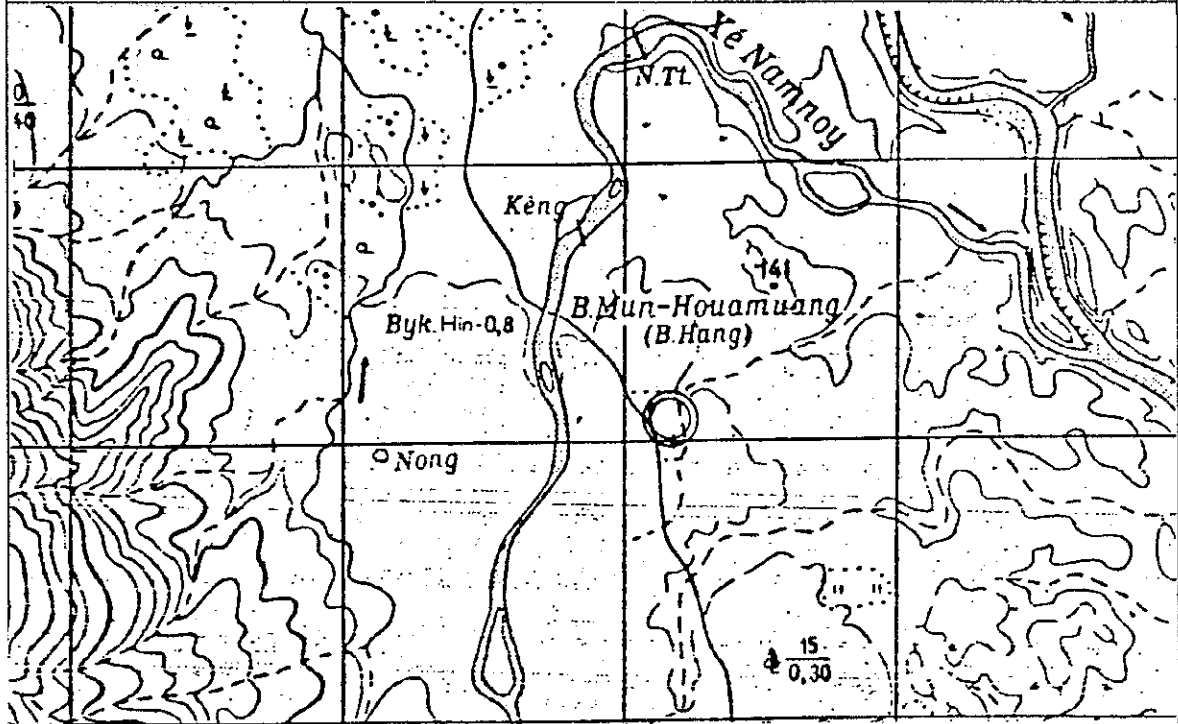
The station was established in the rice field along Xekong - Attapu road, about 0.5 km from Xenamroy ferry. Approached to the site for monumentation, signalisation and observation by vehicle .

GPS 28			
LATITUDE	15 ° 13 ' 1.2989 "	N(m)	1,682,954.832
LONGITUDE	106 ° 45 ' 22.7314 "	E(m)	688,624.933
		H(m)	137.248

**LOCATION IN 1: 100,000 MAP:**

MAP SHEET NO: D 48-34

NAME: B. HOUAYKONG





## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 029	<b>DISTRICT:</b>	SAMAKHIXAI
<b>TYPE:</b>		<b>PROVIENCE:</b>	ATTAPU

**METHOD OF APPROACH:**

The station was established in the open forest area along Xekong - Attapu road, about 4.5 Km from Xenamnoy ferry. Approached to the site for monumentation, signalisation and observation by vehicle .

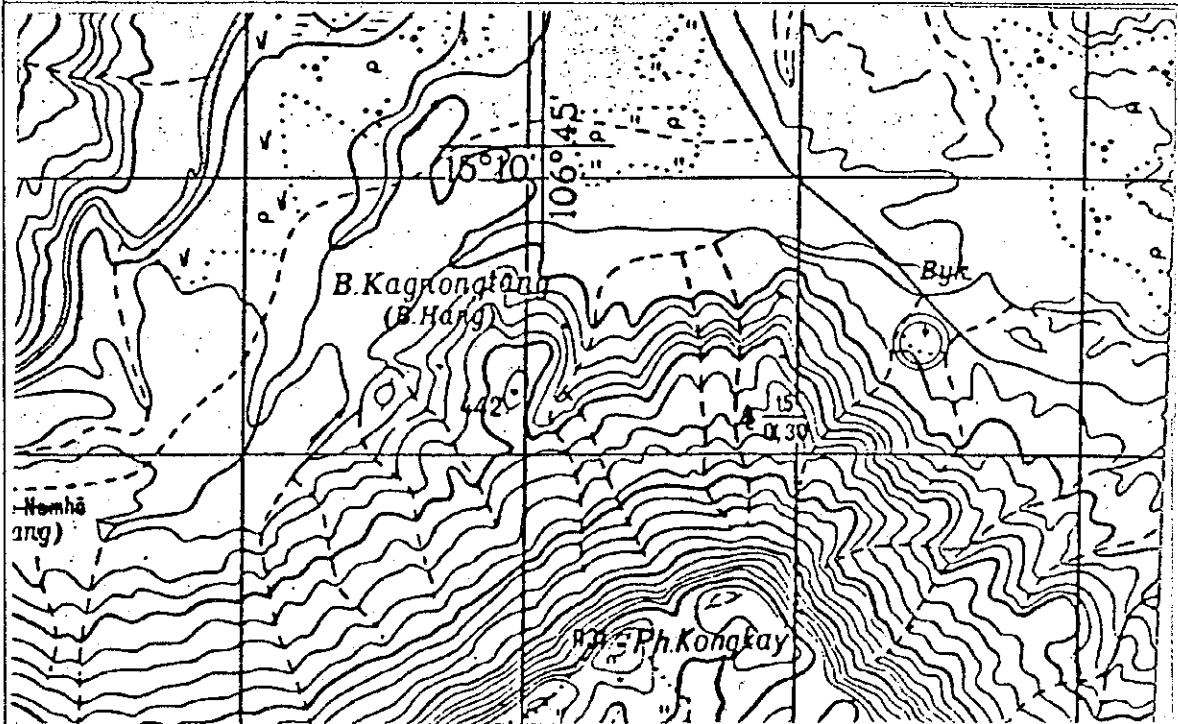
GPS 29

LATITUDE	15 °	9 ' 9.1069 "	N(m)	1,675,840.031
LONGITUDE	106 °	46 ' 51.4265 "	E(m)	691,329.816
			H(m)	150.381

**LOCATION IN 1: 100,000 MAP:**

**MAP SHEET NO: D 48-34**

**NAME: B. HOUAYKONG**





## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 030	<b>DISTRICT:</b>	M. PAKXONG
<b>TYPE:</b>		<b>PROVIENCE:</b>	PAKSE

**METHOD OF APPROACH:**

The station was established at the edge of lake at Nongthum, which is about 45 minutes drive from Ban Houaykong. Approached to the site for monumentation, signalisation and observation by 4WD vehicle from B. Houaykong.

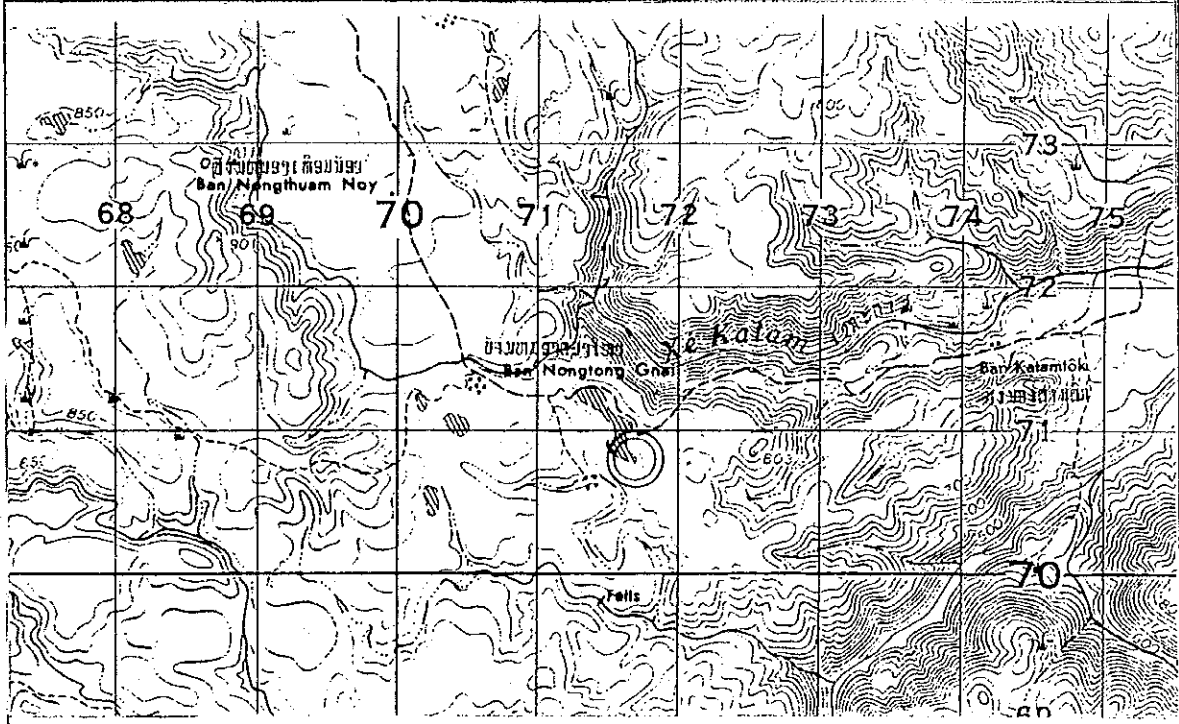
GPS 30

LATITUDE	15 °	6 ' 31.9323 "	N(m)	1,670,857.795
LONGITUDE	106 °	35 ' 50.8026 "	E(m)	671,645.940
			H(m)	747.719

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO: 6338 III**

**NAME: B. HOUAYKONG**







## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 031	<b>DISTRICT:</b>	M. PAKXONG
<b>TYPE:</b>		<b>PROVIENCE:</b>	PAKSE

**METHOD OF APPROACH:**

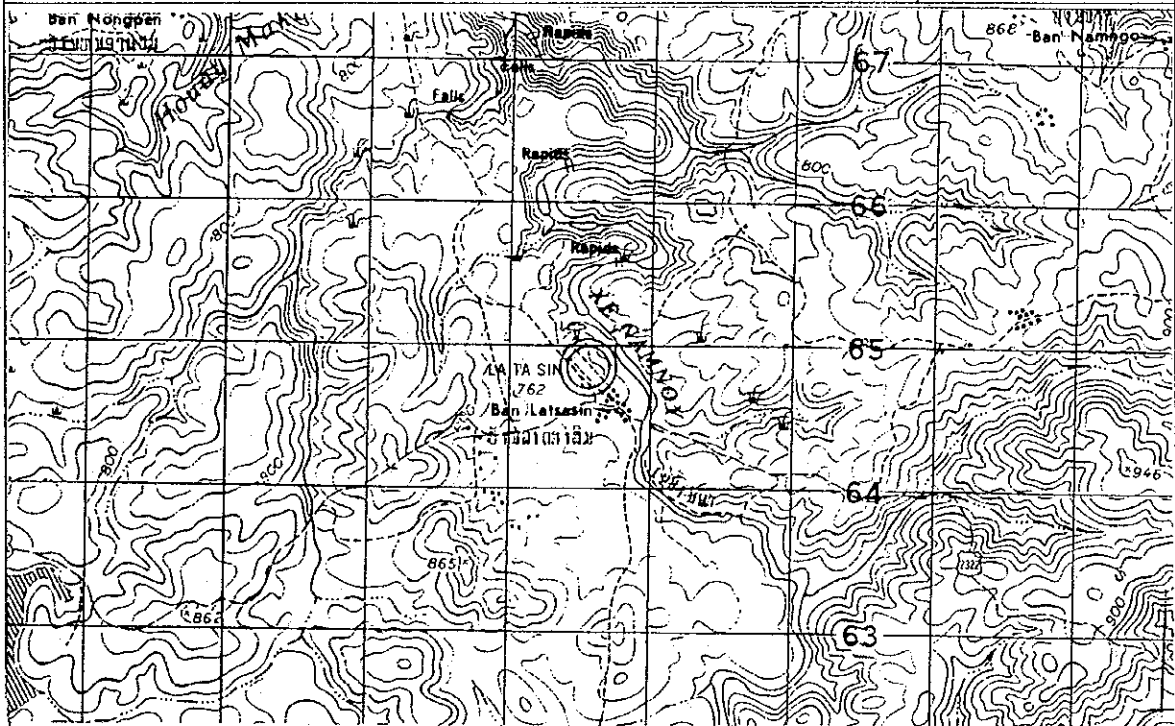
The station was established at the disused airfield in Ban Latsasin, which is about 30 minutes drive from Ban Houaykong. Approached to the site for monumentation, signalisation and observation by vehicle from B. Houaykong.

GPS 31				
LATITUDE	15 °	3 ' 15.7813 "	N(m)	1,664,836.463
LONGITUDE	106 °	36 ' 21.6130 "	E(m)	672,609.732
			II(m)	751.183

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO: 6338 III**

**NAME: B. HOUAYKONG**





## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 032	<b>DISTRICT:</b>	M. PAKXONG
<b>TYPE:</b>		<b>PROVIENCE:</b>	PAKSE

**METHOD OF APPROACH:**

The station was established at Ban Houaychot, which is about 30 minutes drive from Ban Houaykong. Approached to the site for monumentation, signalisation and observation by vehicle from B. Houaykong.

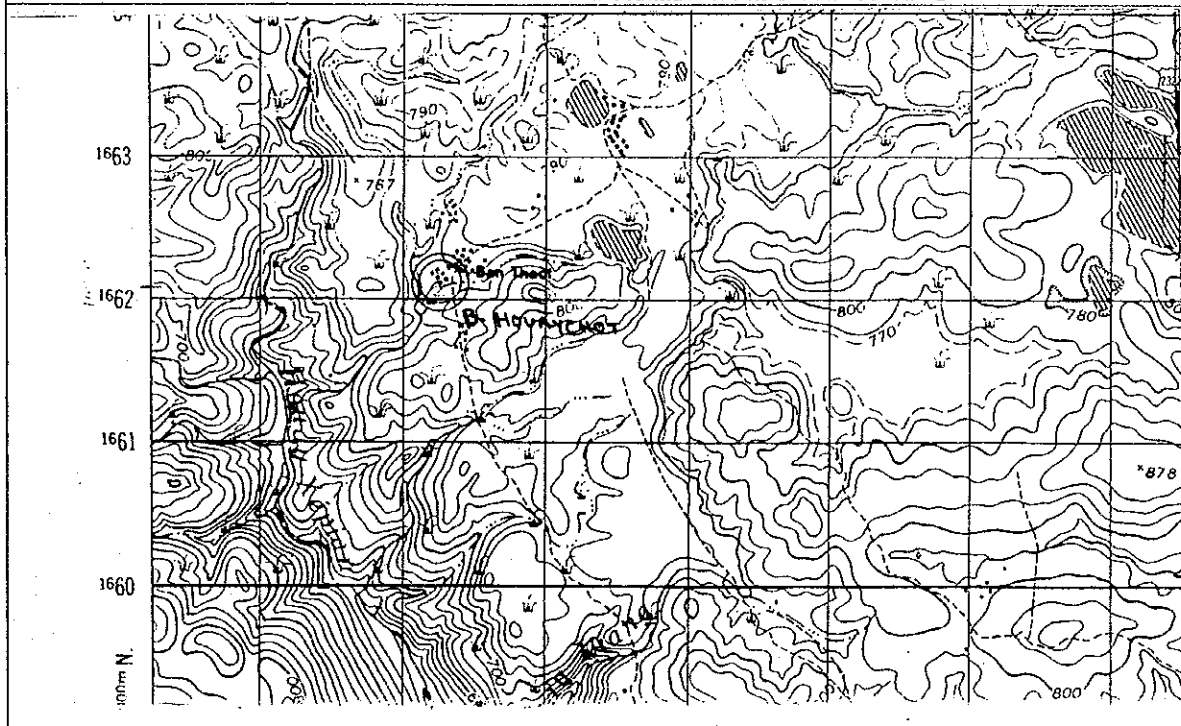
GPS 32

LATITUDE	15 °	1 ' 59.1816 "	N(m)	1,662,417.512
LONGITUDE	106 °	31 ' 14.4972 "	E(m)	663,455.098
			H(m)	758.406

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO: 6338 III**

**NAME: B. HOUAYKONG**









## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 034	<b>DISTRICT:</b>	M. PAKXONG
<b>TYPE:</b>		<b>PROVIENCE:</b>	PAKSE

**METHOD OF APPROACH:**

The station was established south east of Ban Namhan across the Xenamnoy river. Approached to the site for monumentation, signalisation and observation by helicopter.

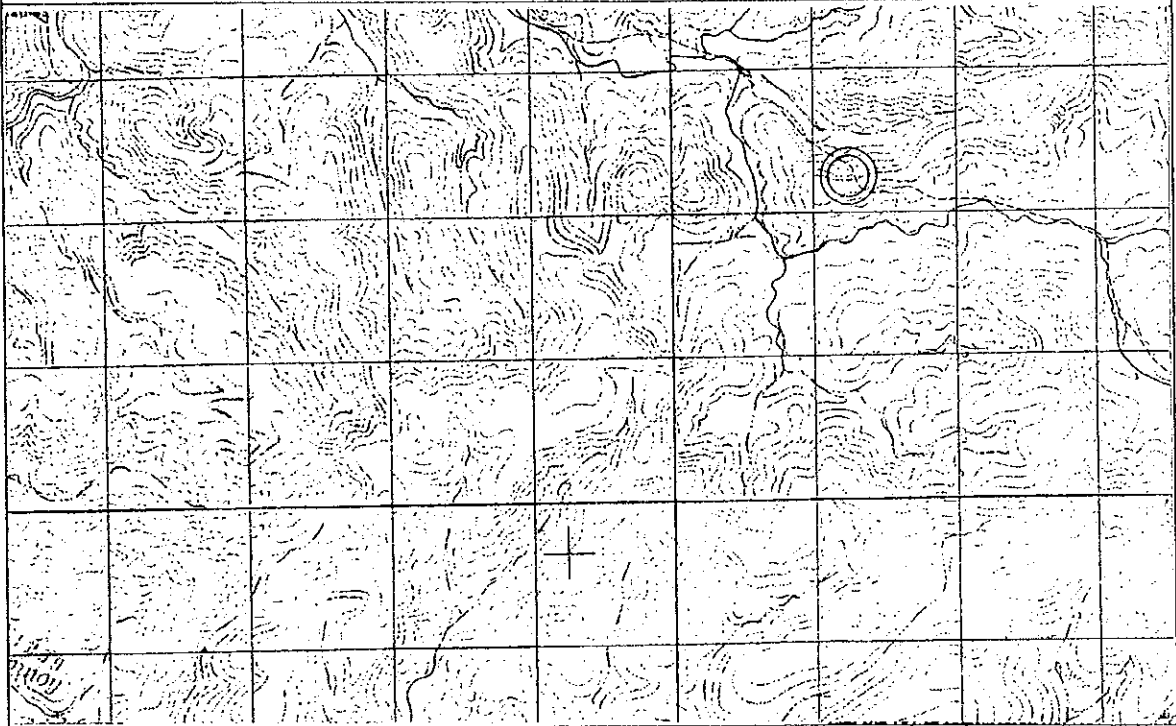
GPS 34

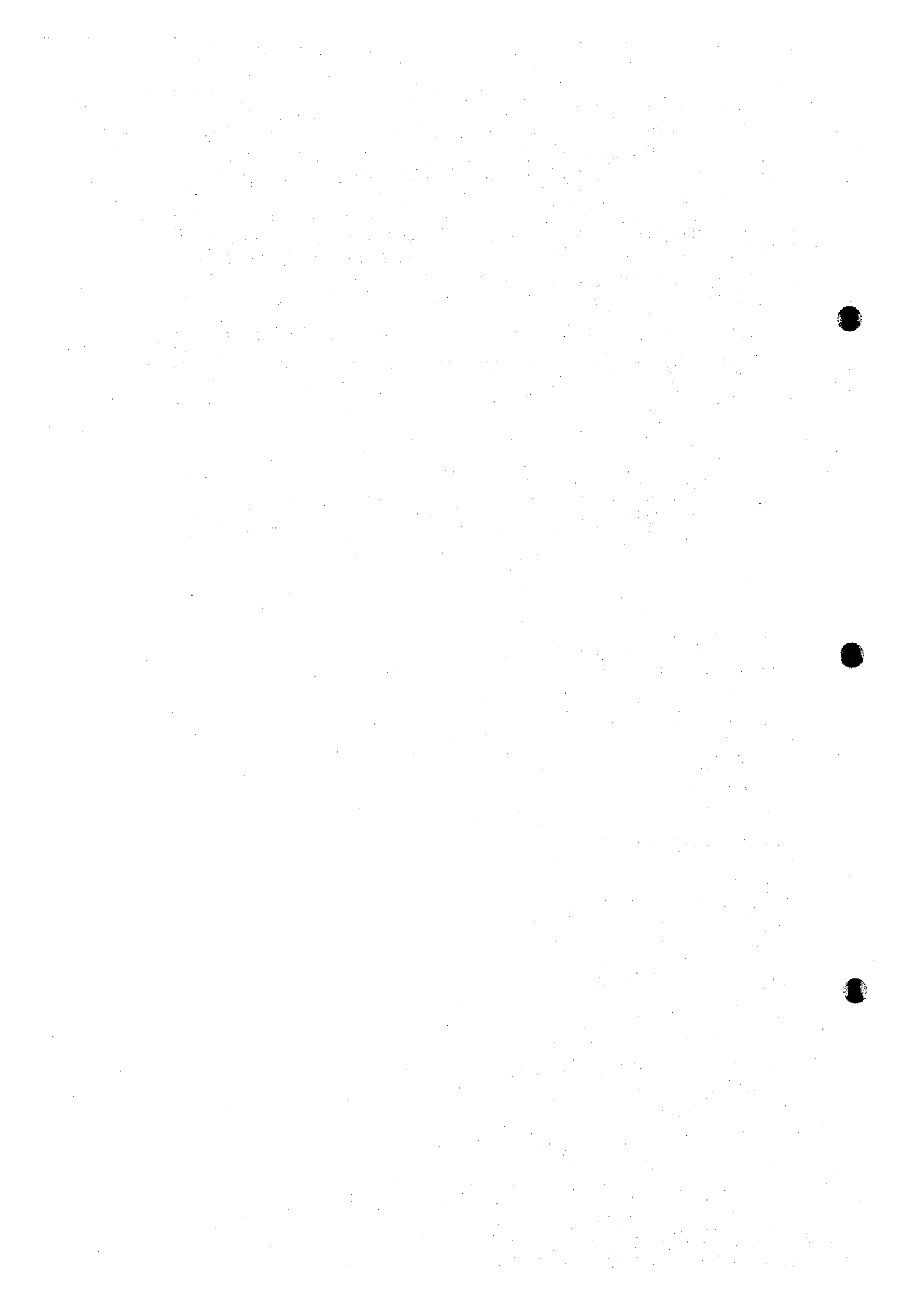
LATITUDE	14 ° 56 ' 22.9620 "	N(m)	1,652,212.023
LONGITUDE	106 ° 41 ' 2.2242 "	E(m)	681,085.932
		H(m)	

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO:** 6338 I

**NAME:** ATTAPU







## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 035	<b>DISTRICT:</b>	SAMAKHIXAI
<b>TYPE:</b>		<b>PROVIENCE:</b>	ATTAPU

**METHOD OF APPROACH:**

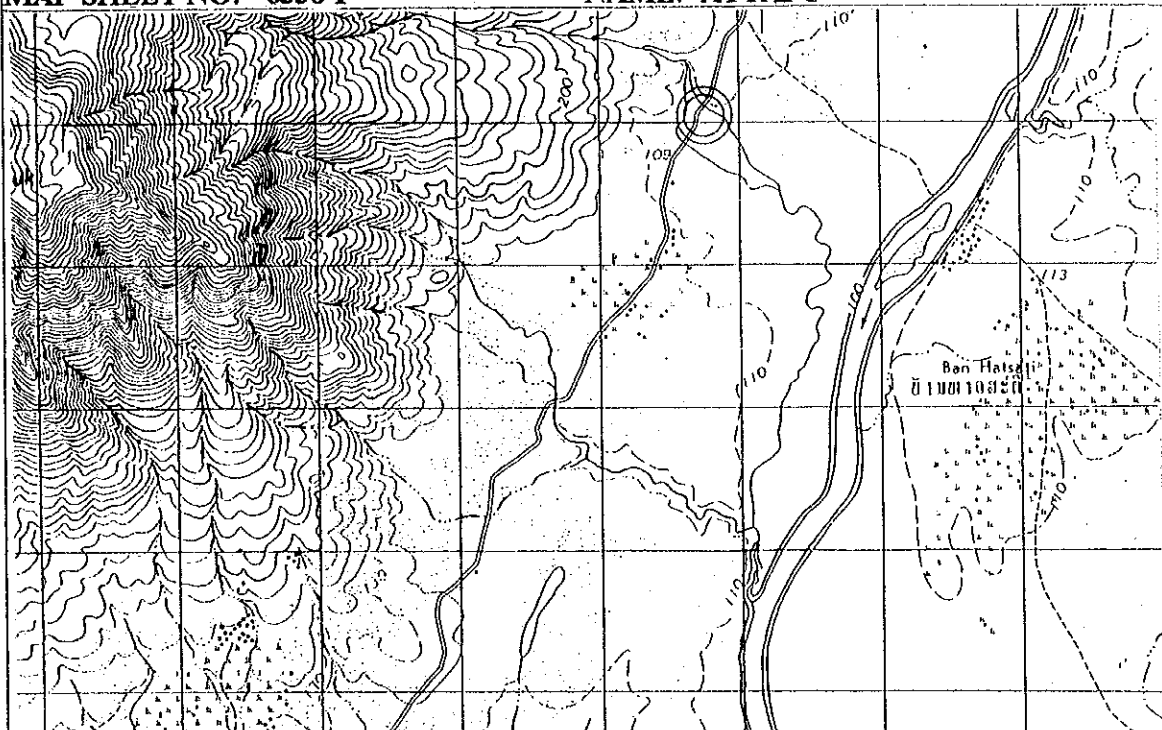
The station was established at the rice field in Ban Nasakhan along the road from Attapu to Xekong, north west of Ban Hatsati. It is about 8 Km from Attapu. Approached to the site for monumentation, signalisation and observation by Vehicle from Attapu.

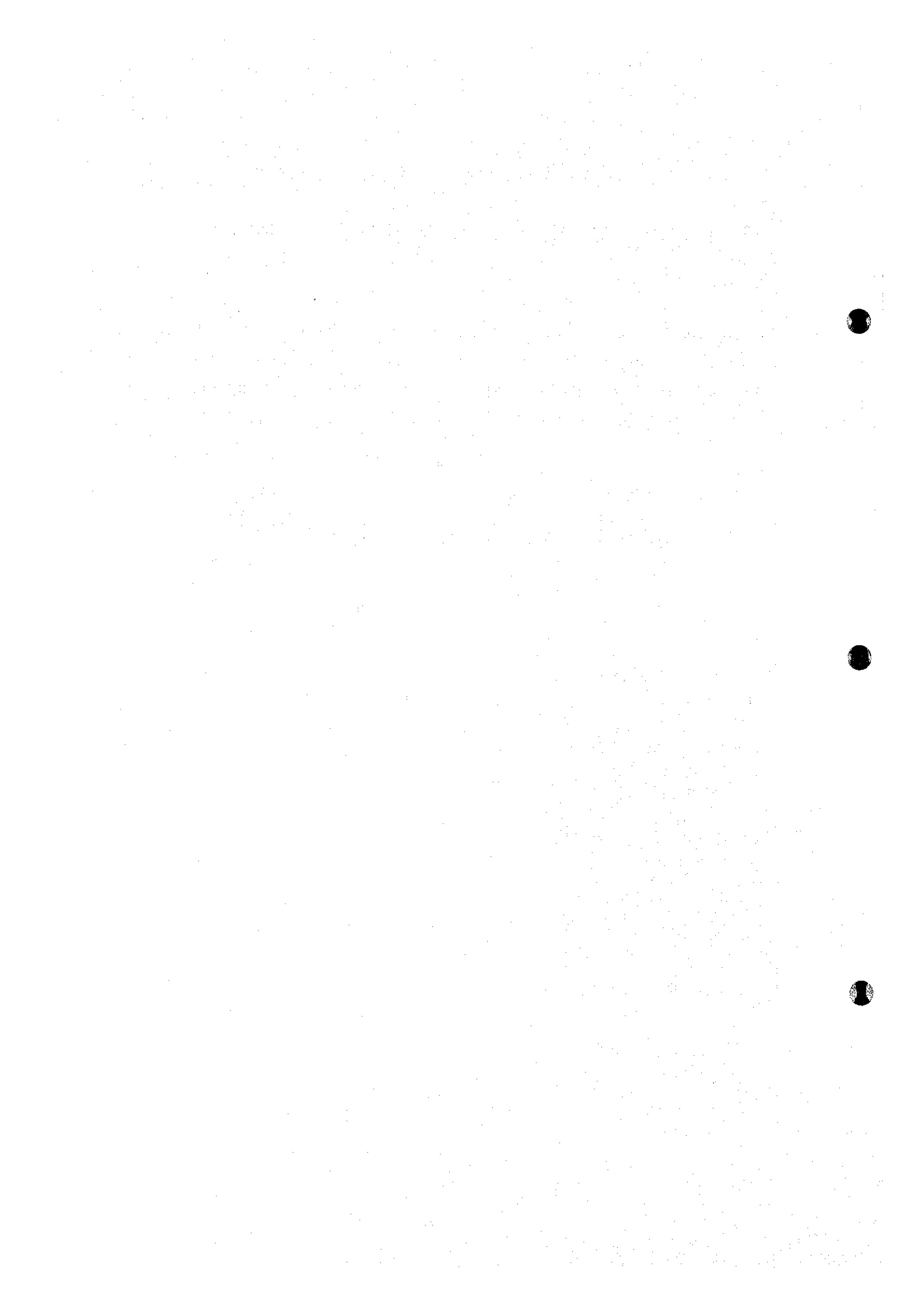
GPS 35					
LATITUDE	14 °	54 ' 23.6888 "	N(m)	1,648,668.203	
LONGITUDE	106 °	49 ' 38.7612 "	E(m)	696,550.022	
			H(m)	98.997	

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO: 6338 I**

**NAME: ATTAPU**





## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 036	<b>DISTRICT:</b>	SAMAKHIXAI
<b>TYPE:</b>		<b>PROVIENCE:</b>	ATTAPU

**METHOD OF APPROACH:**

The station was established at the road side on the way from Attapu to Xekong, which is about 4 Km from Attapu. Approached to the site for monumentation, signalisation and observation by Vehicle from Attapu.

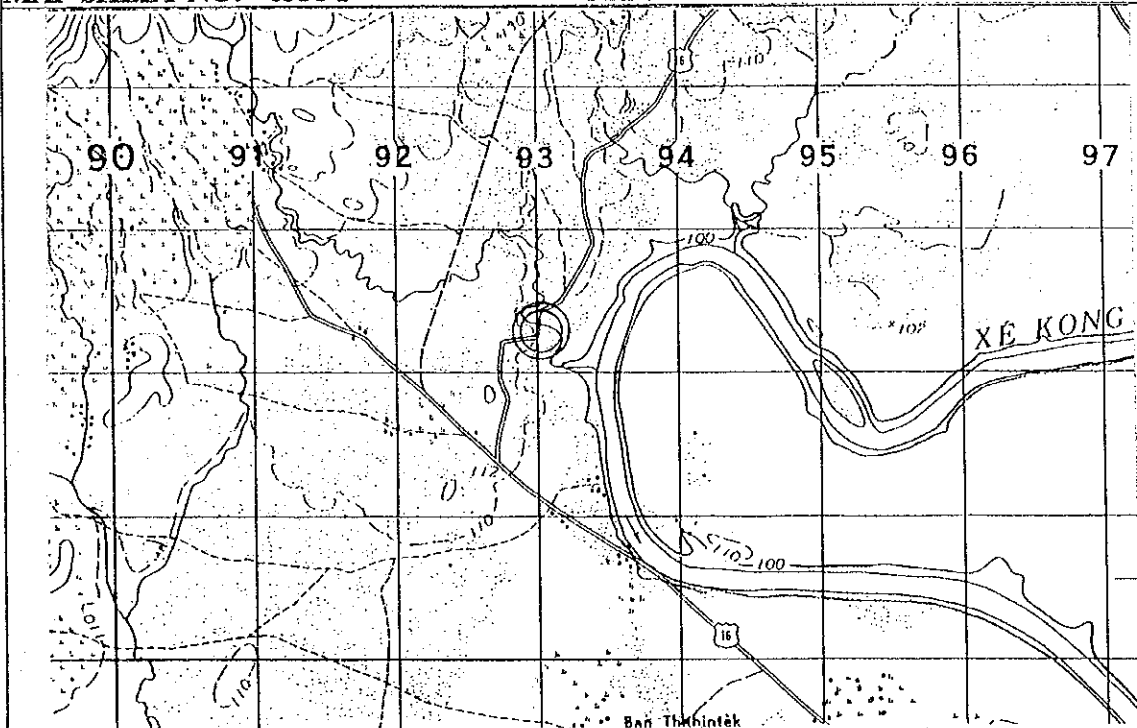
GPS 36

LATITUDE	14 ° 50 ' 54.9058 "	N(m)	1,642,222.056
LONGITUDE	106 ° 47 ' 37.4967 "	E(m)	692,977.622
		H(m)	95.374

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO: 6338 I**

**NAME: ATTAPU**





## DESCRIPTION OF GPS STATION

<b>STATION NO:</b>	GPS 037	<b>DISTRICT:</b>	SAMAKHIXAI
<b>TYPE:</b>		<b>PROVIENCE:</b>	ATTAPU

**METHOD OF APPROACH:**

The station was established at the road side on the way from Attapu to Ban Khong Loum, South west of Attapu, which is about 8 Km from Attapu. Approached to the site for monumentation, signalisation and observation by Vehicle from Attapu.

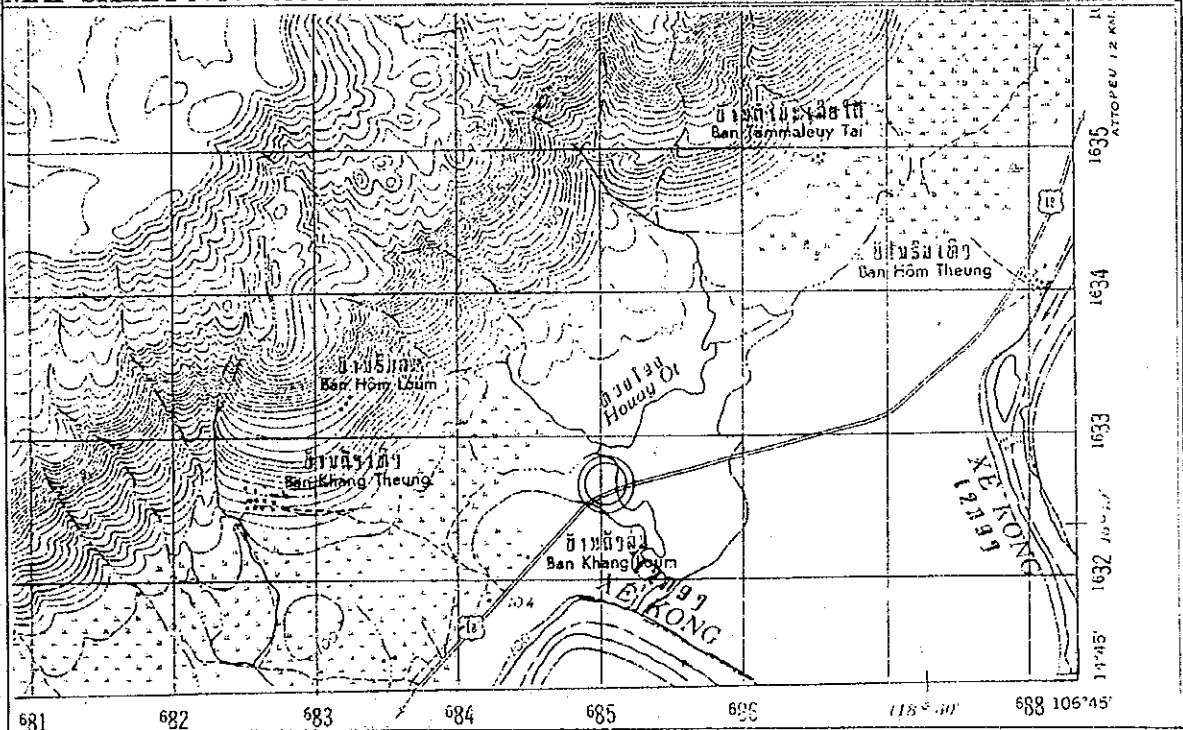
GPS 37

LATITUDE	14 ° 45 ' 45.8658 "	N(m)	1,632,661.370
LONGITUDE	106 ° 43 ' 8.7745 "	E(m)	685,017.741
		H(m)	91.588

**LOCATION IN 1: 50,000 MAP:**

**MAP SHEET NO: 6338 IV**

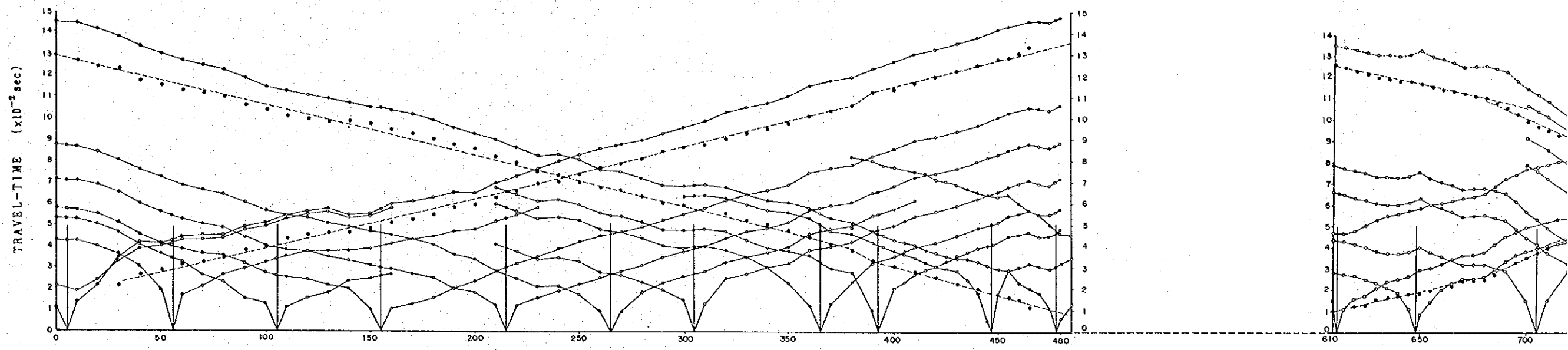
**NAME: KONGHANG**



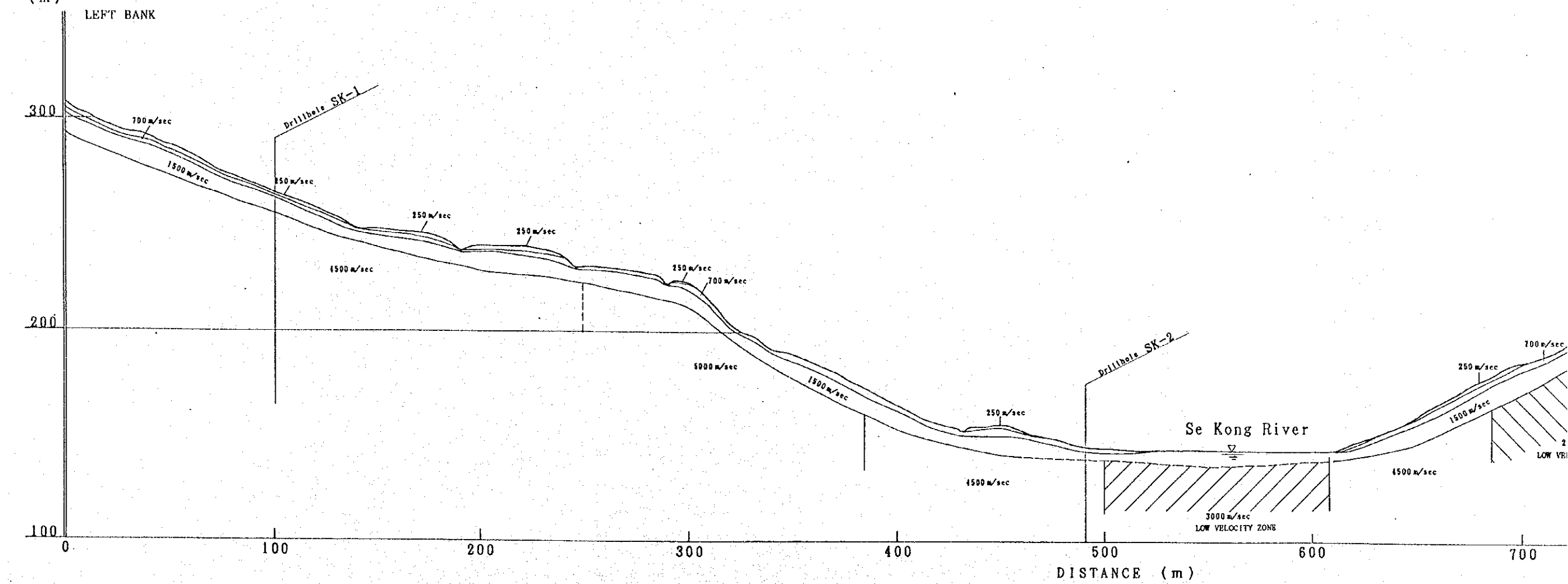


### **3.2 Data of Seismic Prospecting Survey**

- Fig. 1 Velocity Layer Profiles and Travel Time Curves at Se Kong No. 4 Dam Site**
- Fig. 2 Velocity Layer Profiles and Travel Time Curves at Xe Kaman No. 1 Dam Site**
- Fig. 3 Velocity Layer Profiles and Travel Time Curves at Xe Namnoy Midstream Dam Site**

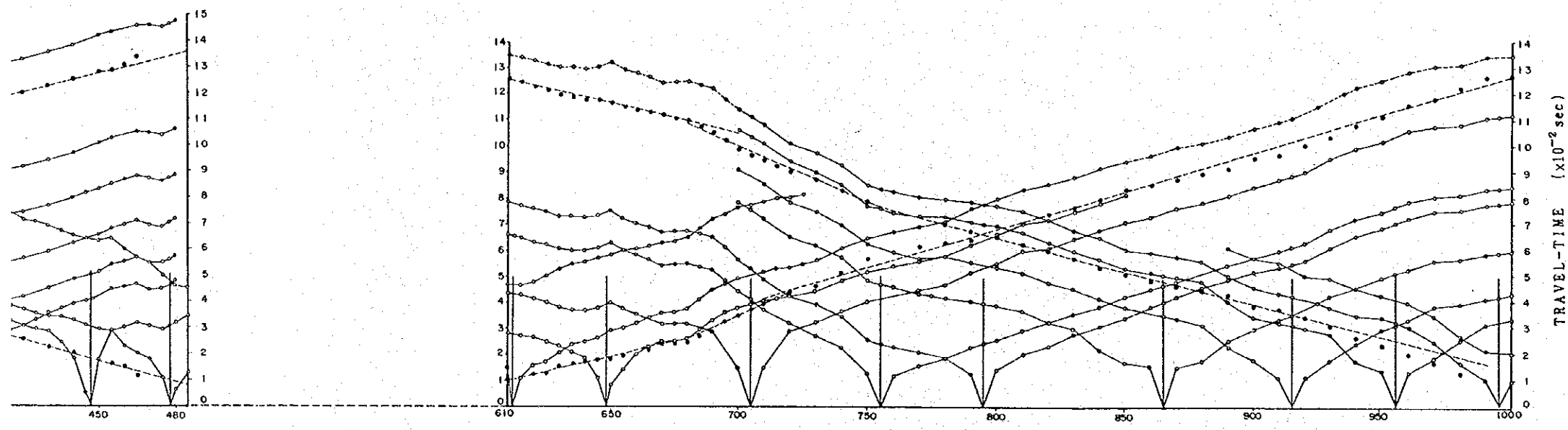


ELEVATION (m)



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SK-1

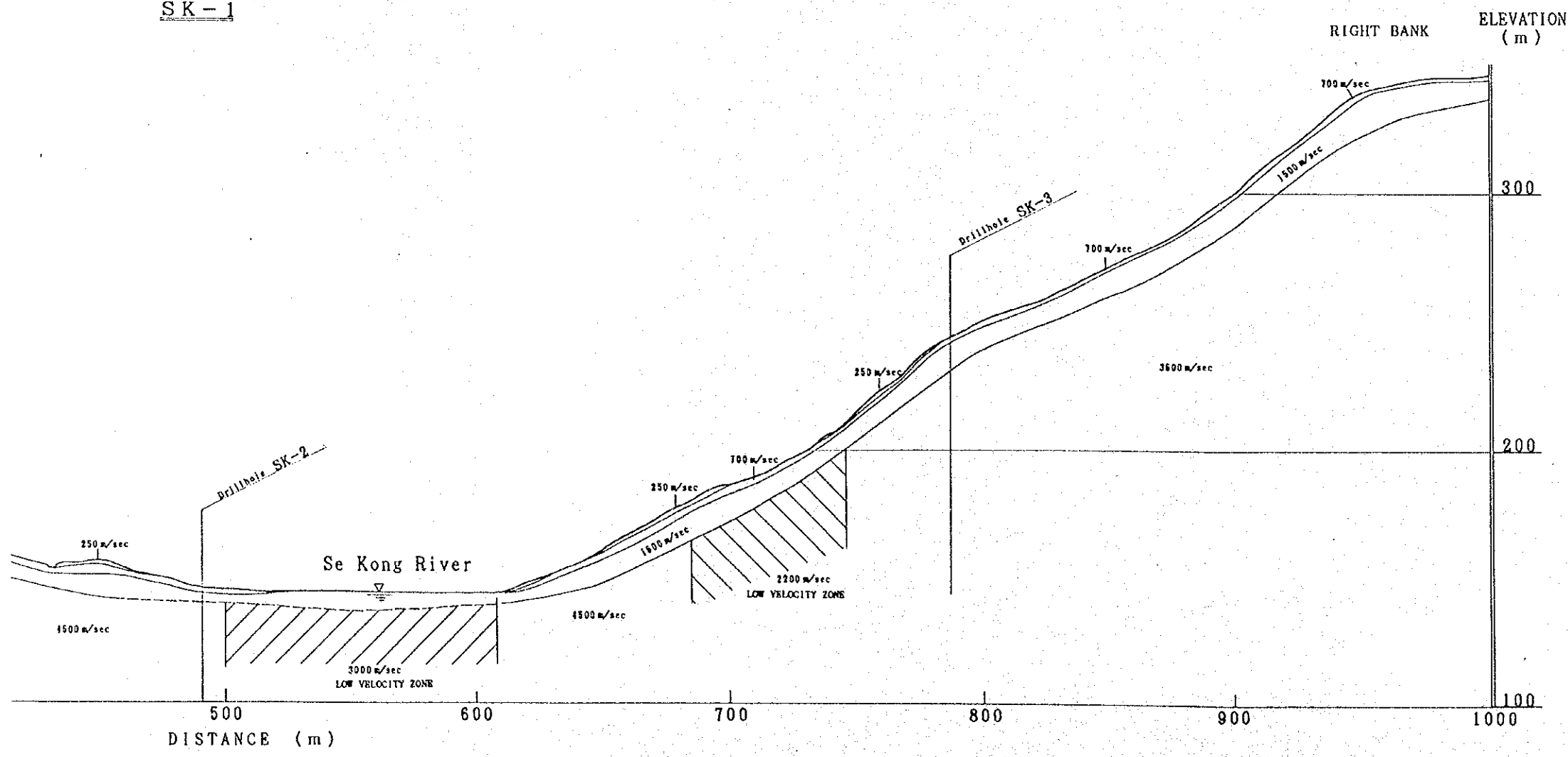
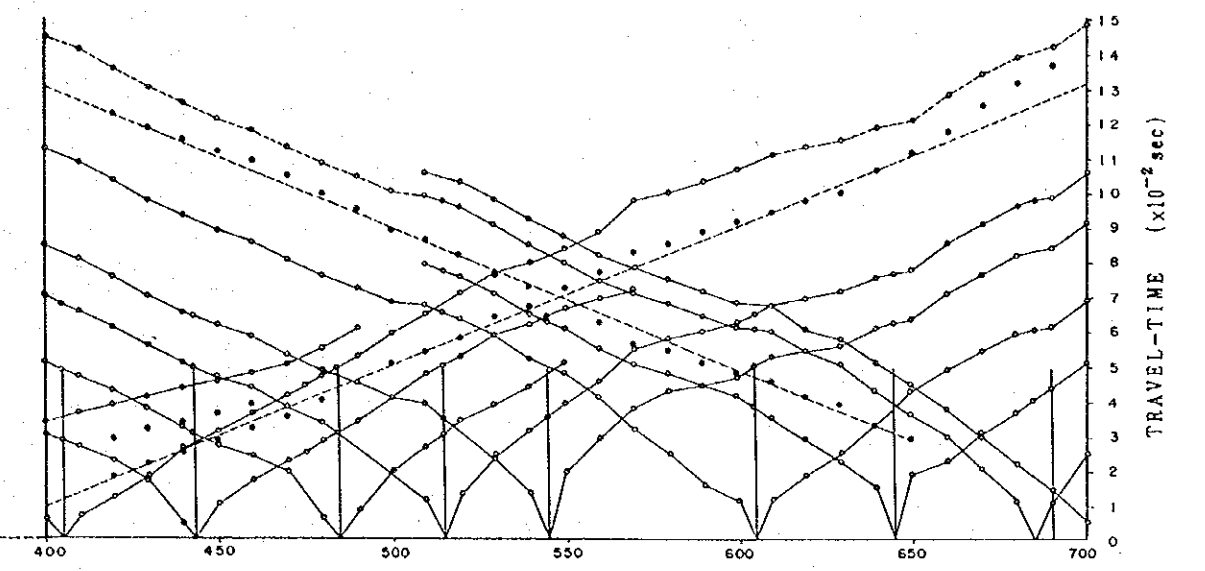
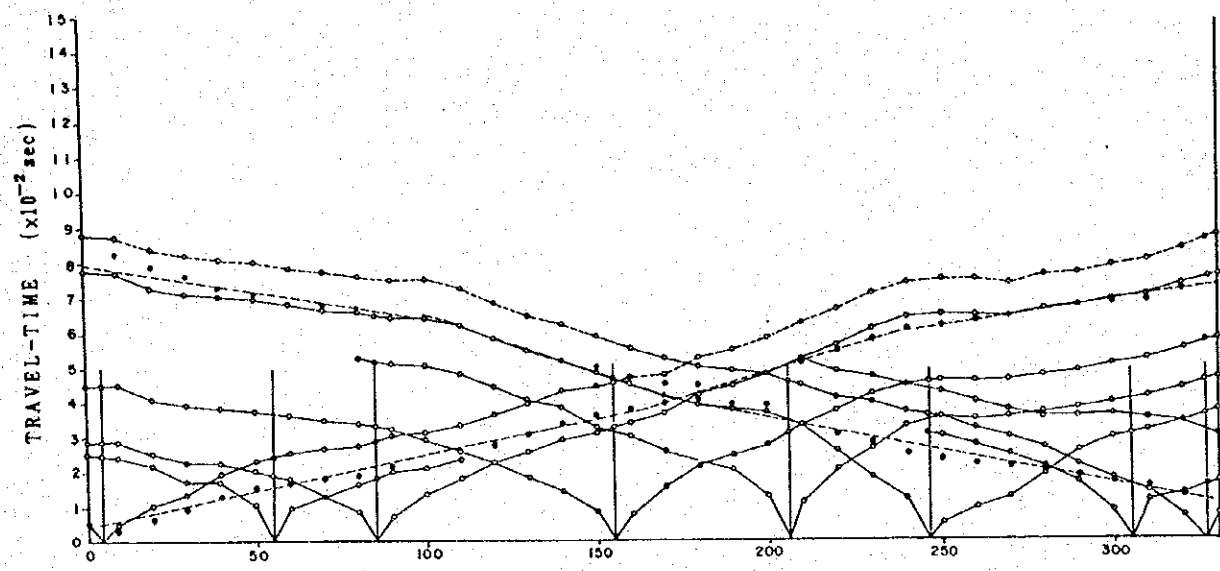


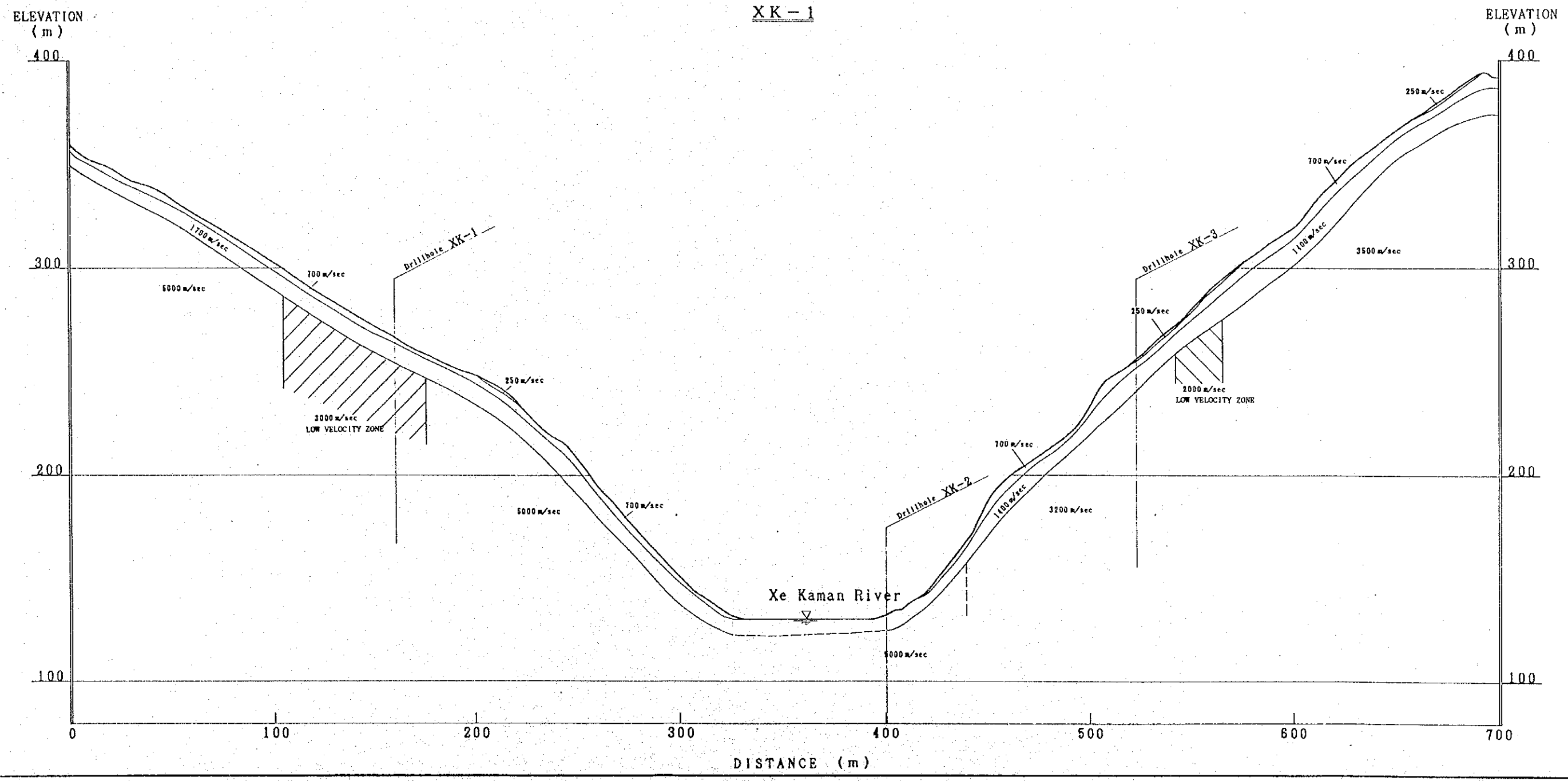
Fig. 1  
Velocity Layer Profiles  
and Travel Time Curves  
at Se Kong No.4 Dam Site







XK-1



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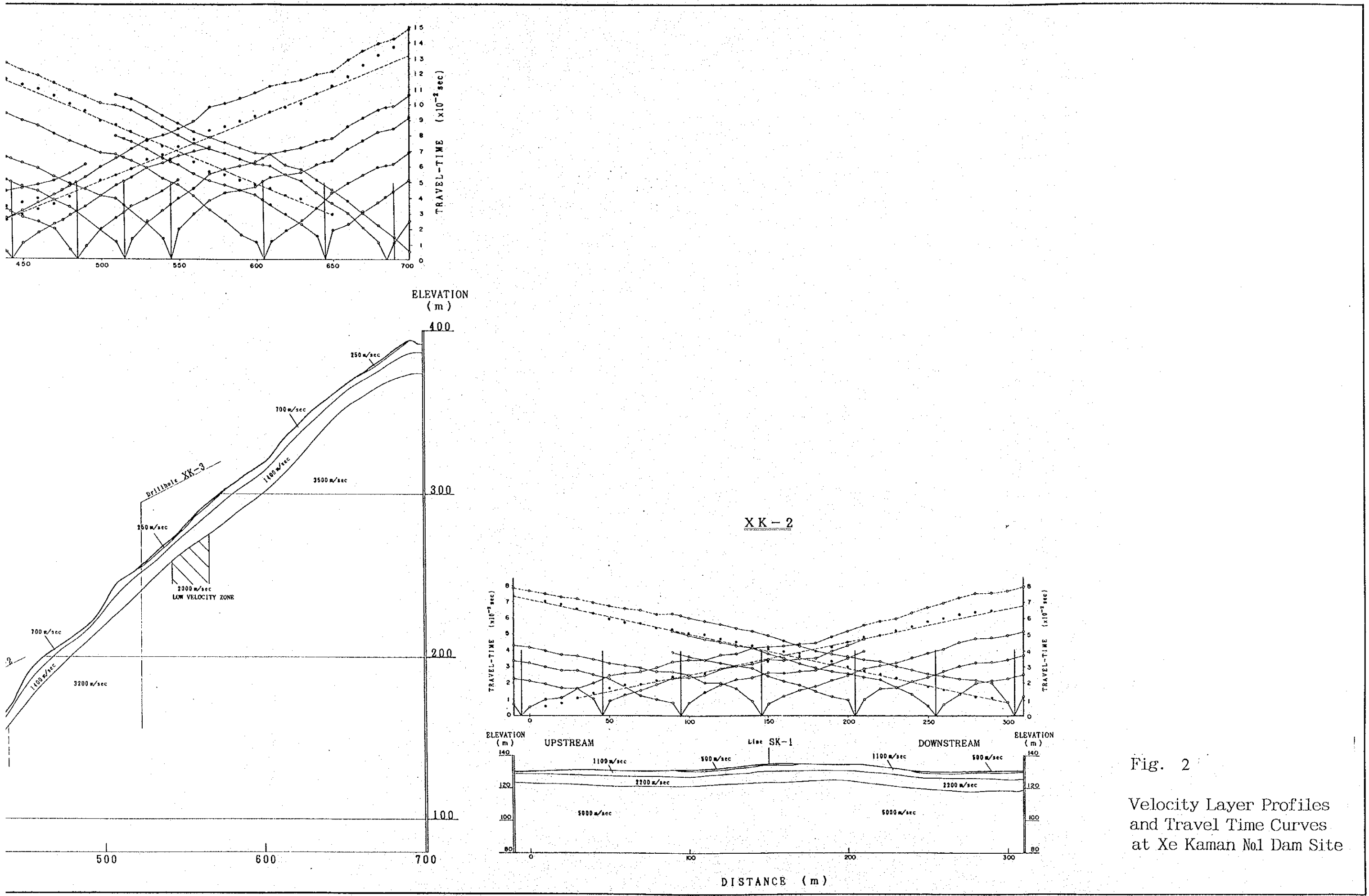
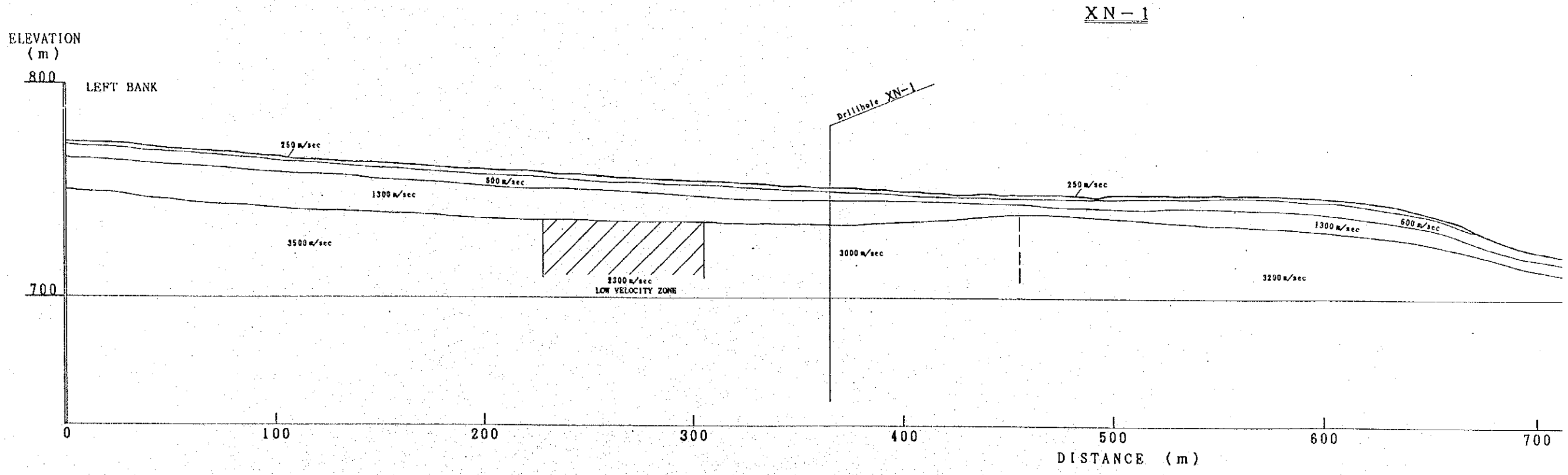
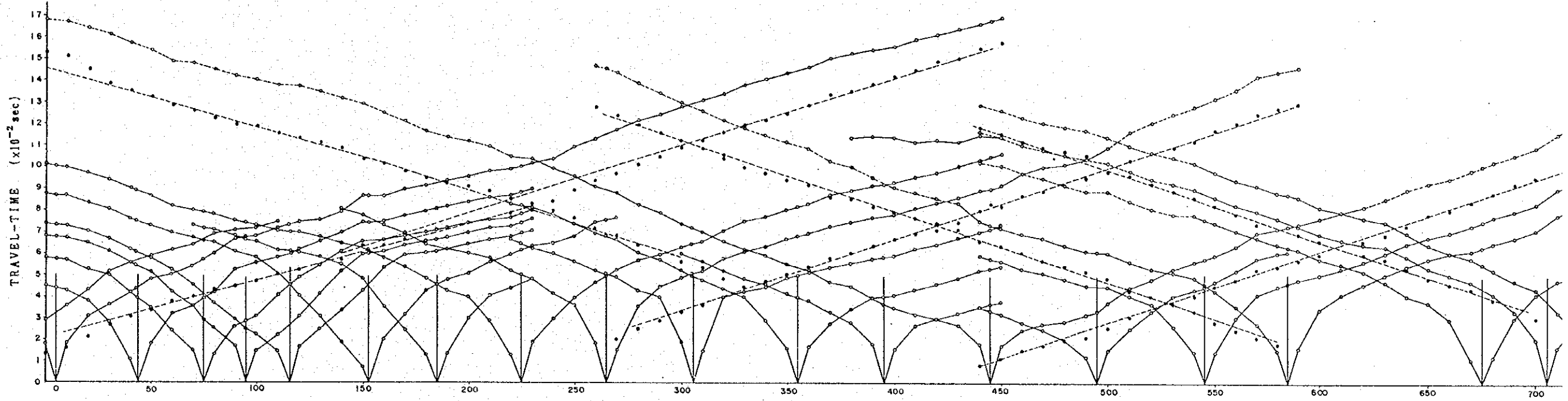


Fig. 2  
Velocity Layer Profiles  
and Travel Time Curves  
at Xe Kaman No.1 Dam Site

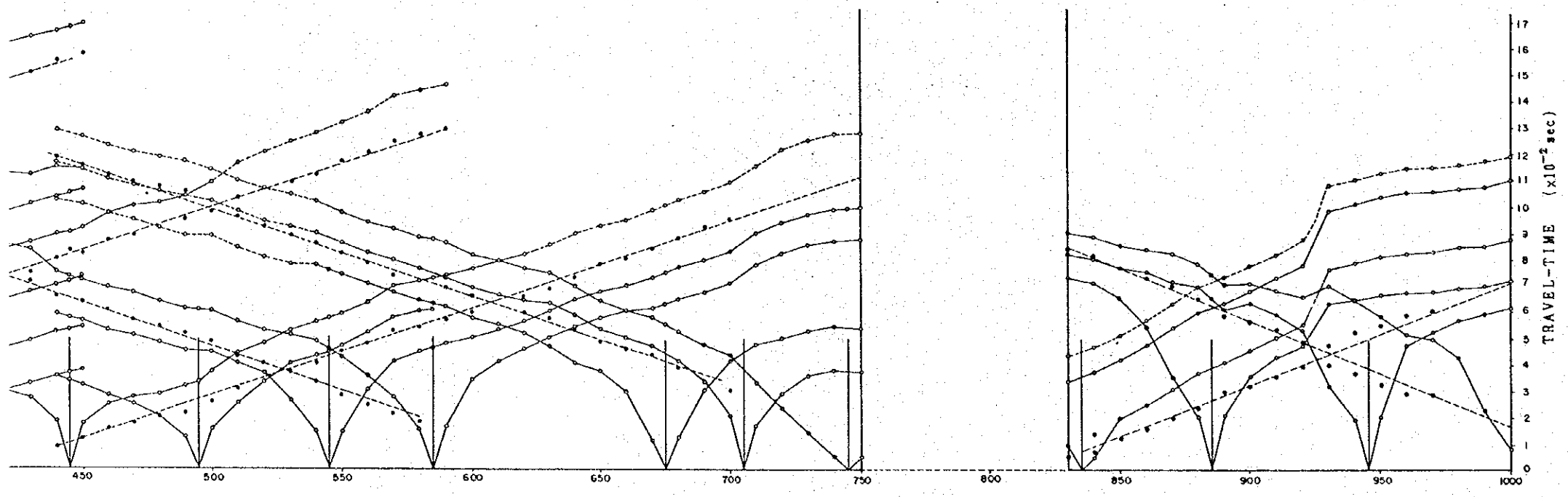






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XN-1

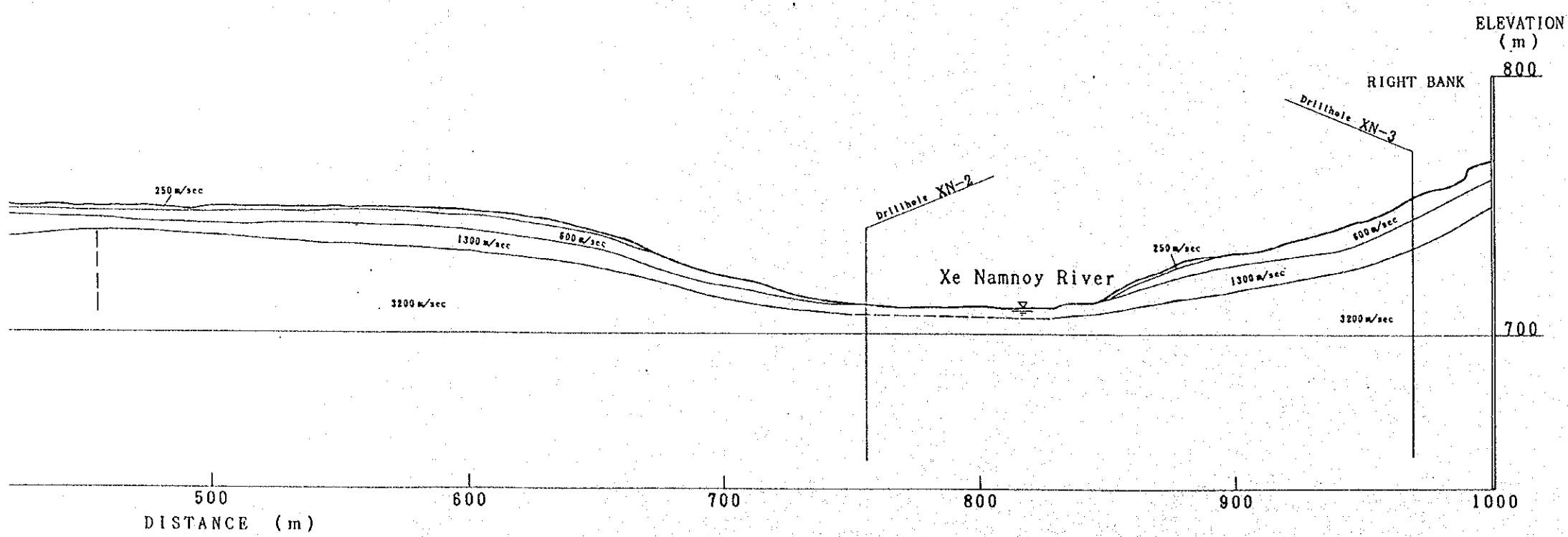


Fig. 3  
Velocity Layer Profiles  
and Travel Time Curves  
in the Vicinity of Xe Namnoy  
Midstream Dam Site