

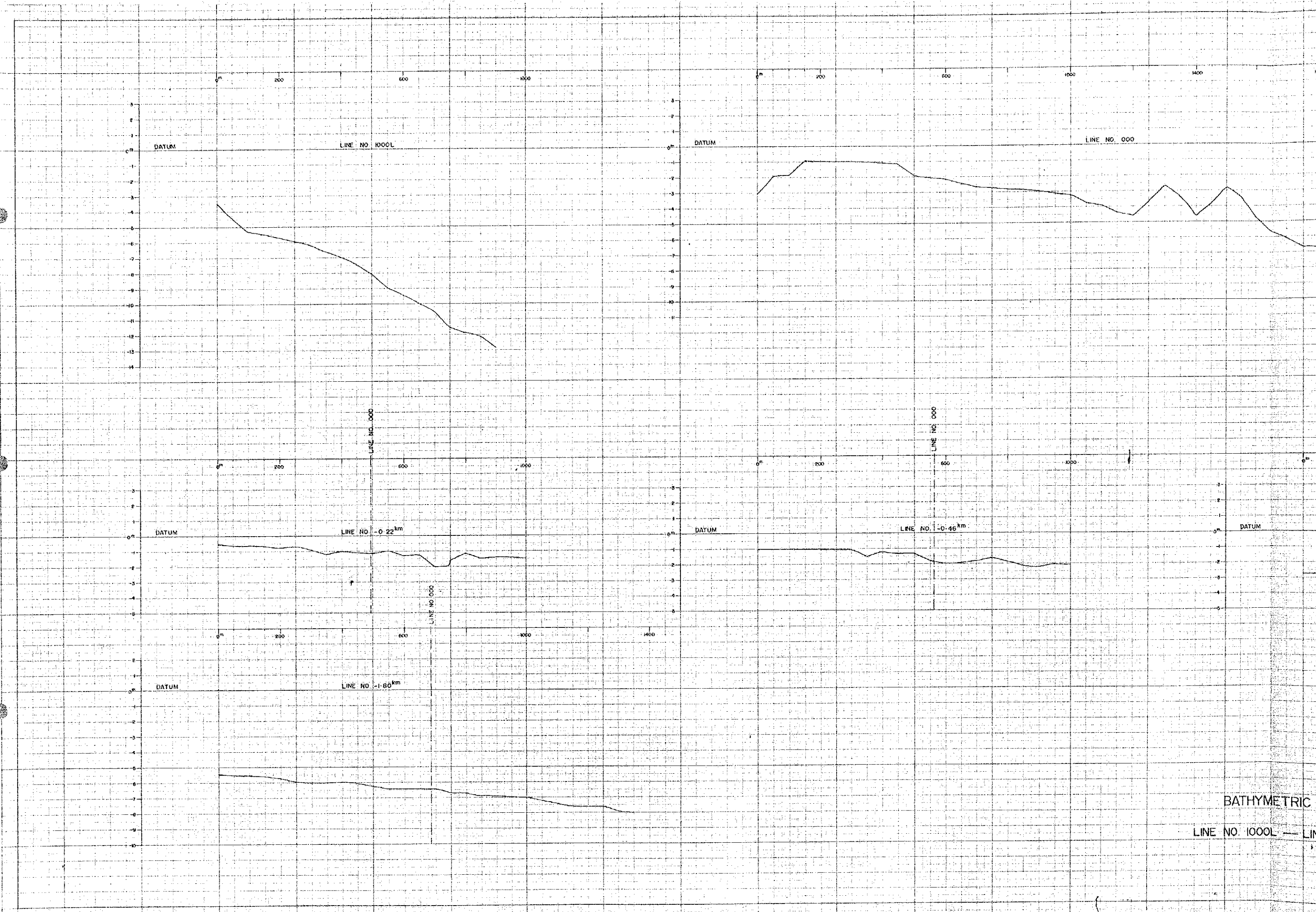
NATIONAL RIVER MOUTHS STUDY
SUNGAI KERTEH

LEGEND

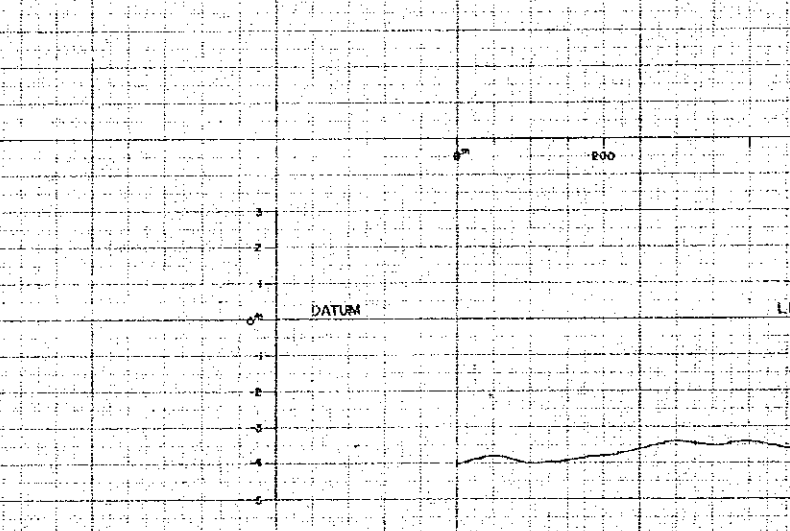
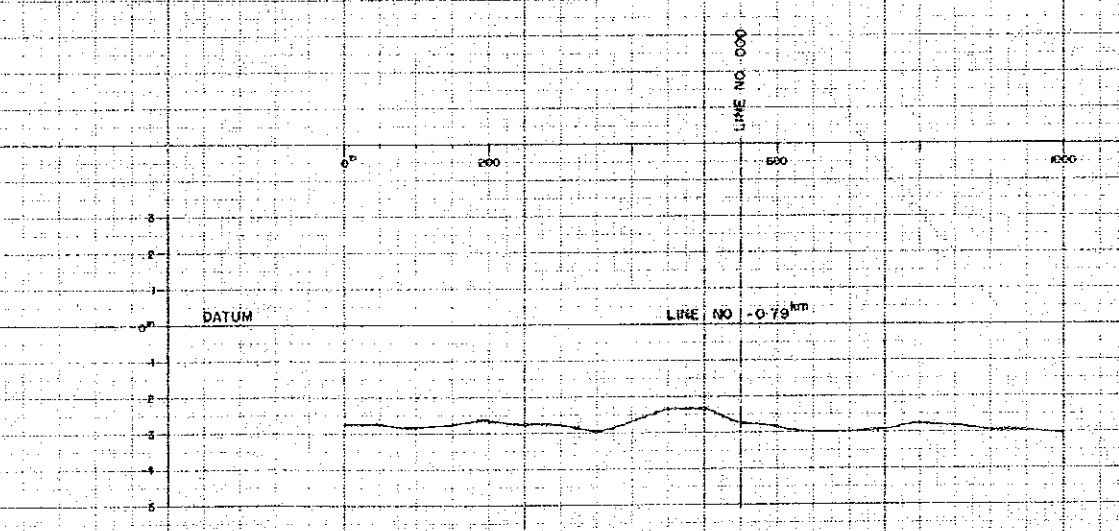
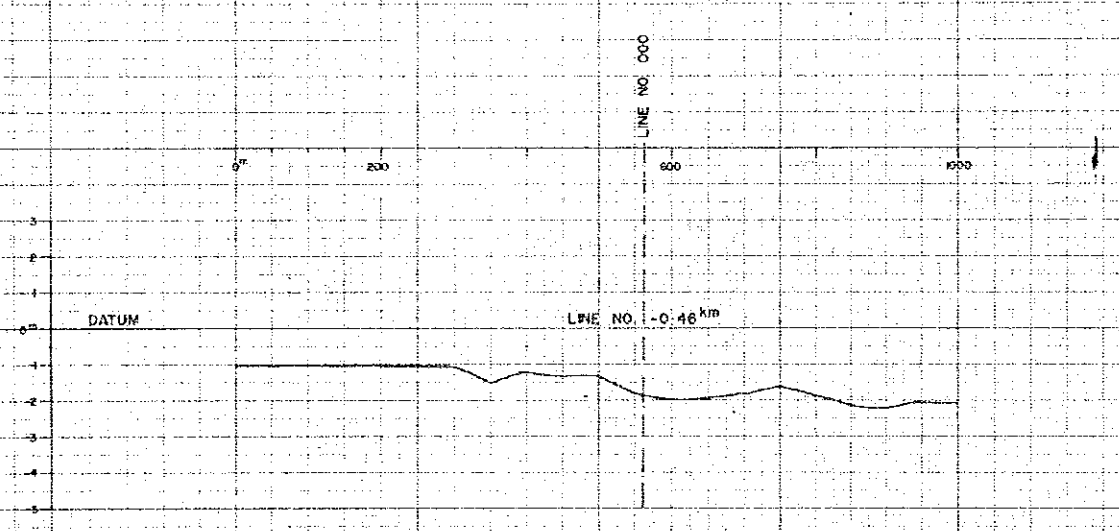
RETTAKED BANK	---
THRESHOLD	---x---
FOURTH BANK	-----
CONCRETE BANK	---x---
RIVER / STREAM	---
SLAZING	□
VEGETATION LIGHT	---
SHORE	---

NOTE:
HEIGHT DATUM: ALL LEVELS ARE BASED ON BM NO. 702014 (77) ABOVE L.S.D.
DATE OF SURVEY: NOVEMBER 1957
DATUM LEVEL: L.S.D. AND DATUM B.M. 6.50





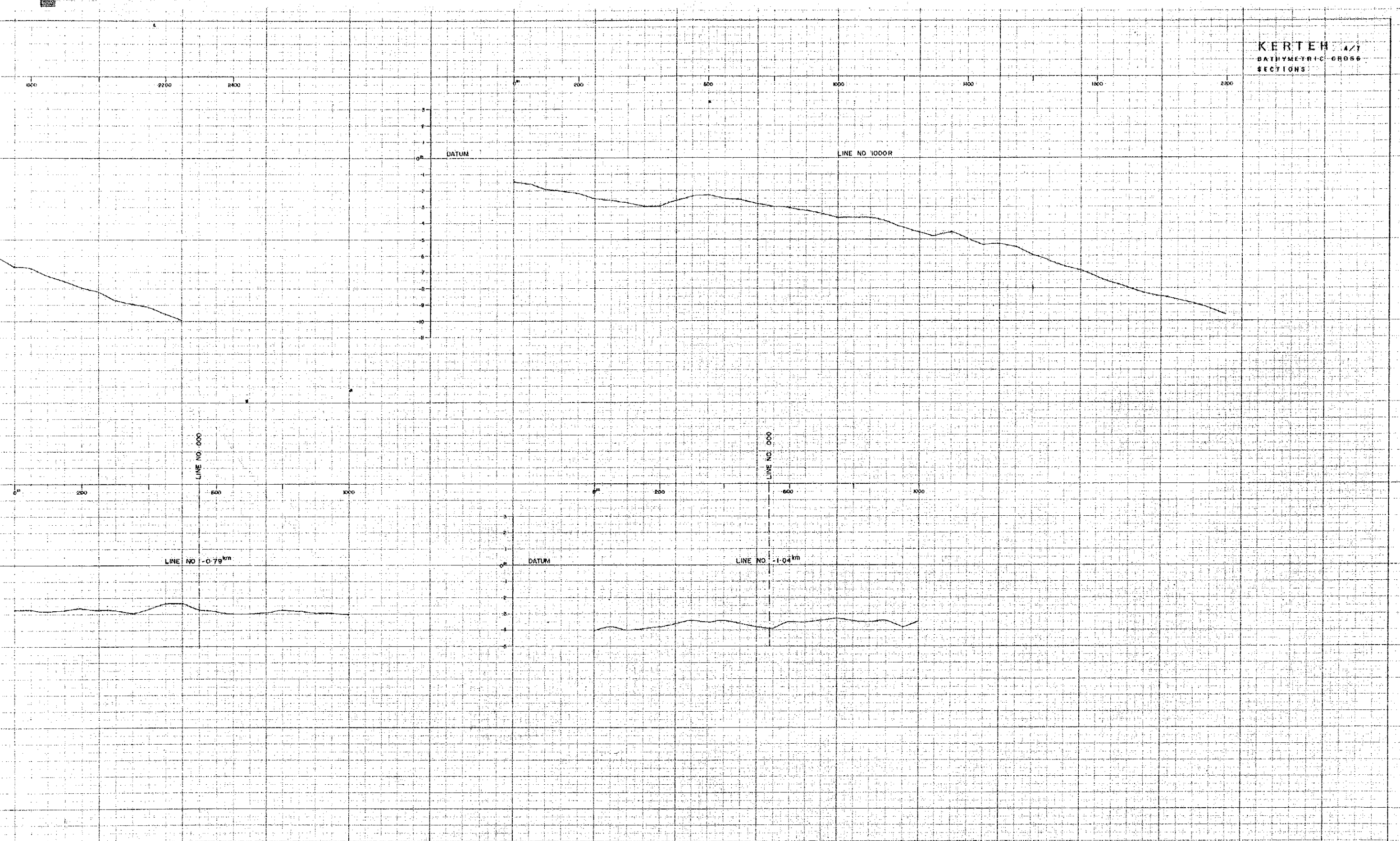
BATHYMETRIC
LINE NO. 1000L --- LINE NO. 000



BATHYMETRIC CROSS SECTIONS OF SUNGAI KERTEH

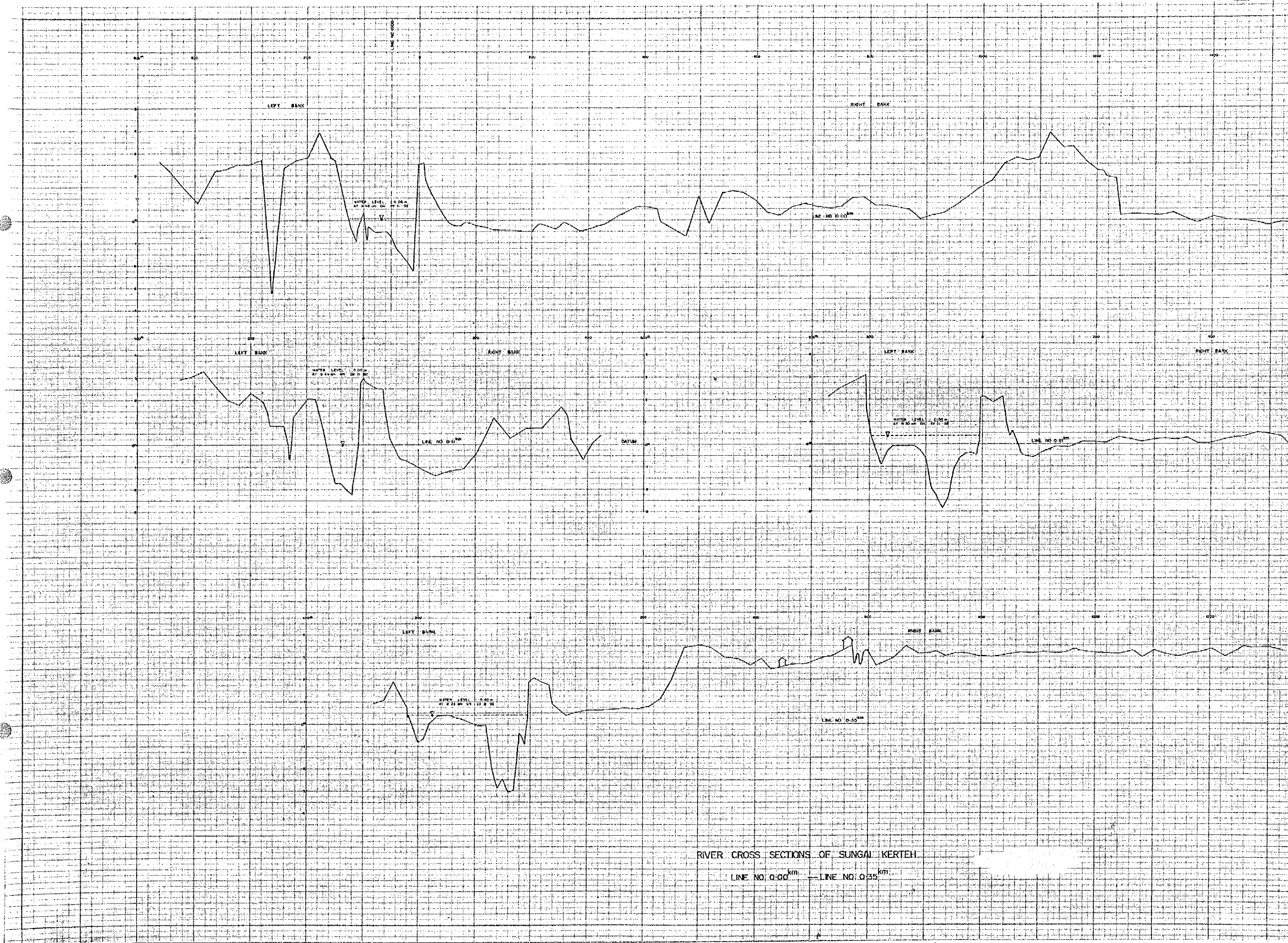
LINE NO. 1000L — LINE NO 1000R & LINE NO -0.22 km — LINE NO -1.08 km

KERTEH 1/71
 DATYMETRIC CROSS
 SECTIONS



BATHYMETRIC CROSS SECTIONS OF SUNGAI KERTEH
 — LINE NO 1000R & LINE NO -0.22^{km} — LINE NO -1.08^{km}

NOTE
 HEIGHT DATUM: ALL LEVELS ARE BASED ON BM NO. 10120 (4.77m ABOVE LSD)
 DATE OF SURVEY: NOVEMBER 1952
 DATUM LEVEL: LAND AND SURVEY DATUM (L&S)



RIVER CROSS SECTIONS OF SUNGAI KERTEH

LINE NO 0.00 km --- LINE NO 0.35 km



RIVER CROSS SECTIONS OF SUNGAI KERTEH
 LINE NO. 0.00 km — LINE NO. 0.35 km

NOTE:
 1. ALL LEVELS ARE BASED ON THE DATUM SHOWN.
 2. THE DATUM IS THE MEAN SEA LEVEL.
 3. THE DATUM IS THE MEAN SEA LEVEL.



RIVER CROSS SECTIONS OF SUNGAI KERTEH

LINE NO 0-55 LINE NO 2-13

NOTE: DATUM ALL LEVELS ARE BASED ON BY NO. 1000000000 ABOVE 1954
DATE OF SURVEY: NOVEMBER 1973
DRAINAGE: LOB-40-1000000000

DATUM 00 m

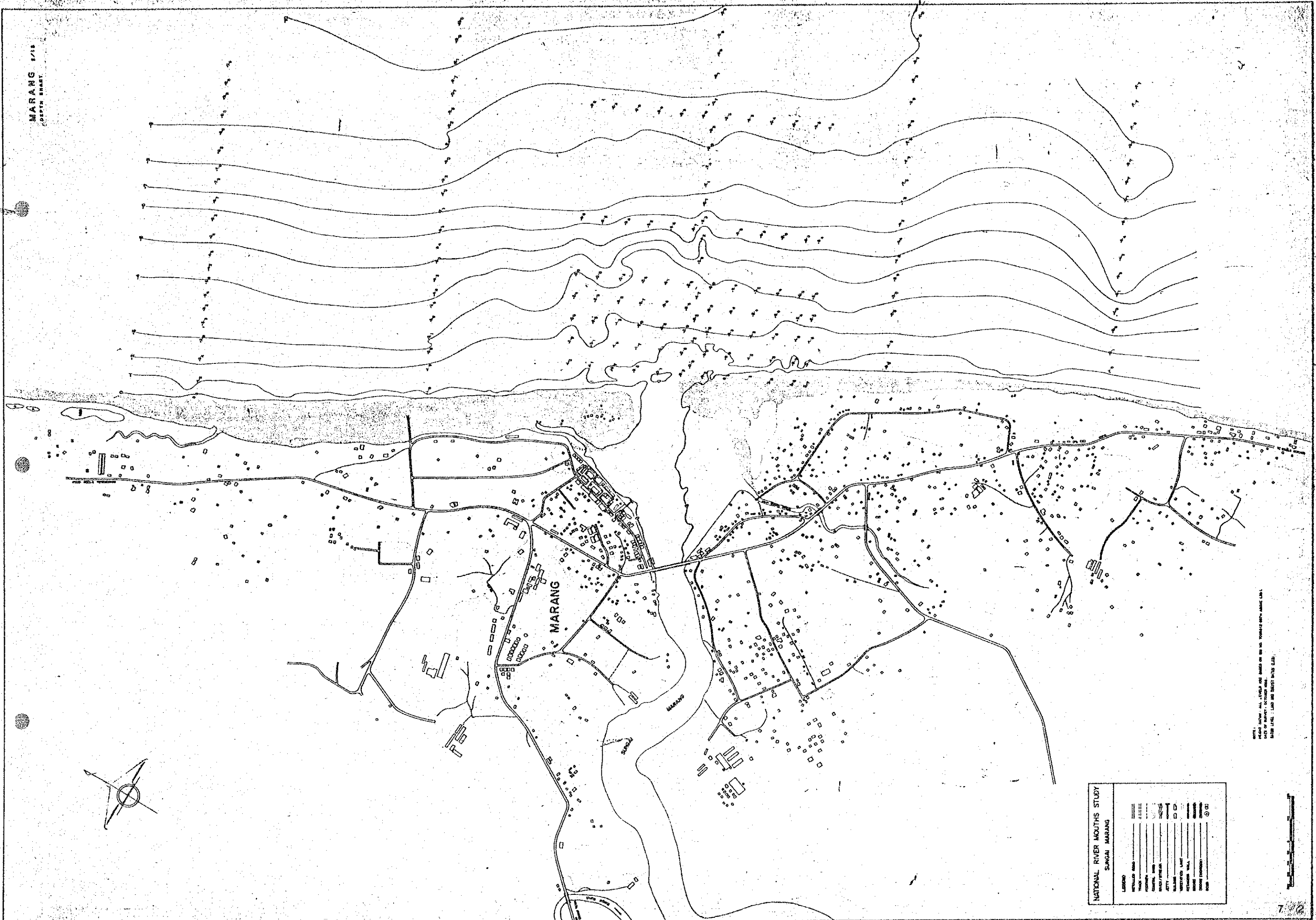
LINE NO	SECTIONAL DISTANCE (m)	CUMULATIVE DISTANCE (m)	THE DEEPEST LEVEL (m)	LEVEL OF BANK LEFT BANK	LEVEL OF BANK RIGHT BANK
0.00'	0	0	-2.23	-2.67	-2.48
0.1'	10	10	-2.23	-2.03	-2.73
0.2'	100	110	-2.67	-1.58	-2.12
0.35'	140	350	-3.06	-0.77	-1.88
0.5'	200	550	-3.55	-0.65	-2.00
0.66'	330	880	-3.72	-1.15	-2.28
1.10'	310	1190	-4.55	-1.78	-0.91
1.5'	280	1470	-3.01	-1.25	-1.58
1.75'	280	1750	-2.96	-1.45	-0.96
2.10'	340	2100	-7.68	-1.03	-0.98

2
4
6
8
10

RIVER PROFILE OF SUNGAI KERTEH

NOTE:
HEIGHT DATUM: ALL LEVELS ARE BASED ON BM NO. 10120 (4.177m ABOVE LRD)
DATE OF SURVEY: NOVEMBER 1992
DATUM LEVEL: LRD AND SURVEY DATUM (LSD)

MARANG 1/18
DEPT. OF AGRI.



NATIONAL RIVER MOUTHS STUDY
SUNGAI MARANG

LEGEND	
UNIMPAVED ROAD	---
PAVED ROAD	==
RAILROAD	—+—+—+—
POWER LINE	—•—•—•—
WATERWAY	~
WATERWAY LAKE	○
WATERWAY DAM	⊠
WATERWAY BRIDGE	⊞
WATERWAY WEIR	⊞
WATERWAY LOCK	⊞
WATERWAY TOWER	⊞
WATERWAY PILE	⊞
WATERWAY POST	⊞
WATERWAY SIGN	⊞
WATERWAY LIGHT	⊞
WATERWAY MARK	⊞
WATERWAY BOUNDARY	⊞
WATERWAY	⊞

NOTE: ALL DATA AND ELEVATIONS ARE BASED ON THE SEA LEVEL DATUM OF 1950. ALL ELEVATIONS ARE IN METERS.



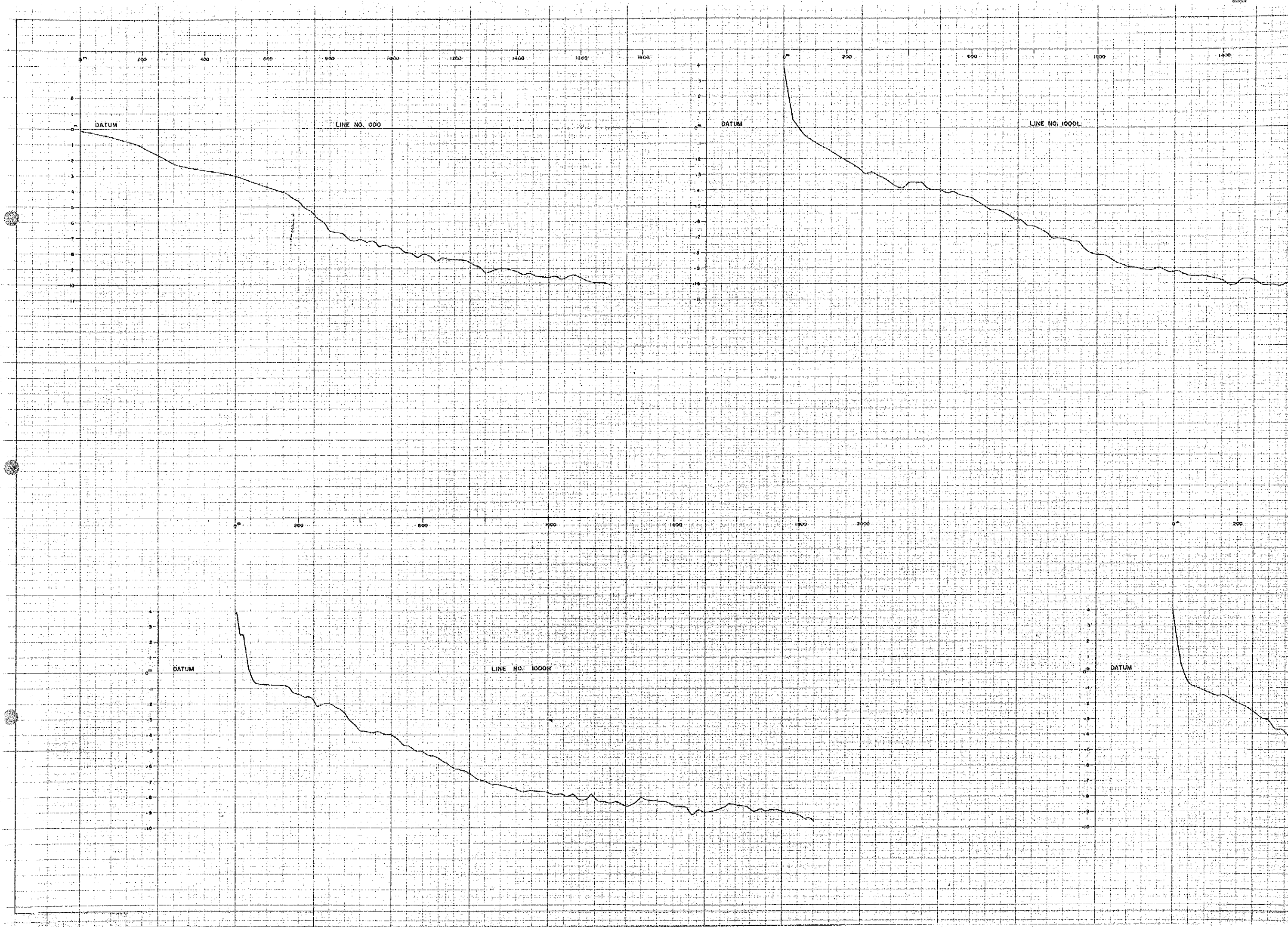
MARANG 1/13
 PLANIMETRIC MAP
 WITH SURVEY LINES



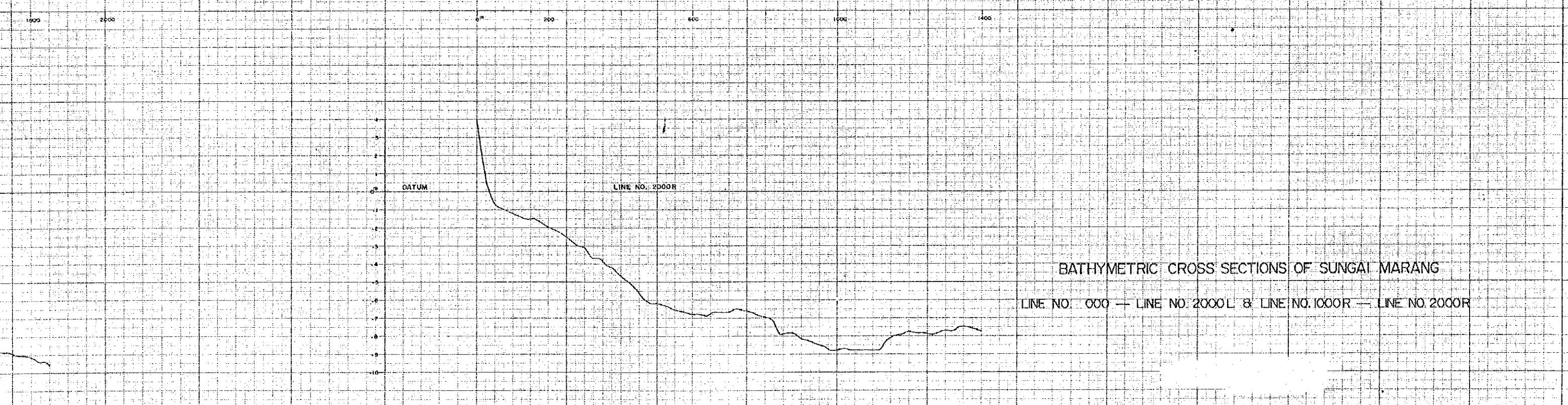
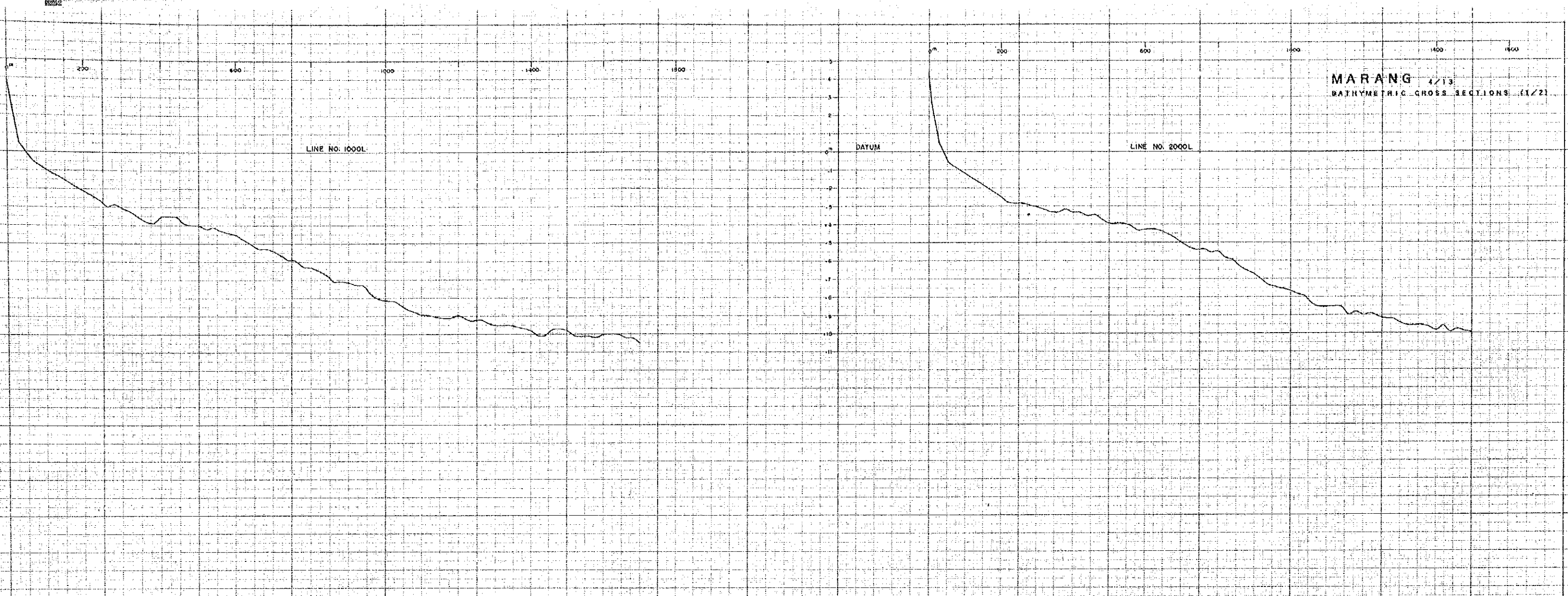
NATIONAL RIVER MOUTHS STUDY
 SUNGAI MARANG

LEGEND	SYMBOL
UNDEVELOPED AREA	(Dotted pattern)
ROAD	(Double line)
RAILROAD	(Line with cross-ticks)
CANAL, DAM	(Line with perpendicular dashes)
BRIDGE	(Line with arches)
WATERWAY	(Line with wavy dashes)
WATERWAY, DAM	(Line with wavy dashes and cross-ticks)
WATERWAY, BRIDGE	(Line with wavy dashes and arches)
WATERWAY, DAM AND BRIDGE	(Line with wavy dashes, cross-ticks, and arches)
WATERWAY, DAM AND BRIDGE (2/11)	(Line with wavy dashes, cross-ticks, and arches)

NOTE: ALL ELEVATIONS ARE BASED ON THE 1958 MEAN SEA LEVEL. DATA SOURCE: US Army Corps of Engineers, 1958.



MARANG 4/13
BATHYMETRIC CROSS SECTIONS (1/2)



BATHYMETRIC CROSS SECTIONS OF SUNGAI MARANG
LINE NO. 000 — LINE NO. 2000L & LINE NO. 1000R — LINE NO. 2000R

NOTE:
HEIGHT DATUM: ALL LEVELS ARE BASED ON BM NO. 109581/2 877M ABOVE L.S.O.L.
DATE OF SURVEY: OCTOBER, 1962.
DATUM LEVEL: LAND SURVEY DATUM (L.S.D.)