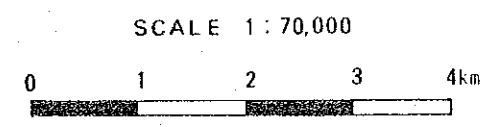
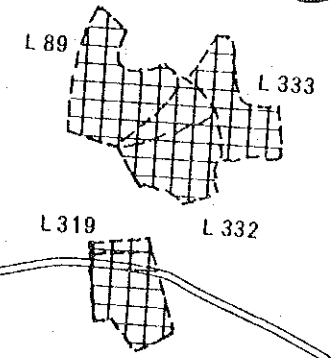
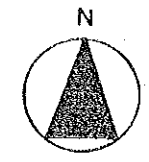
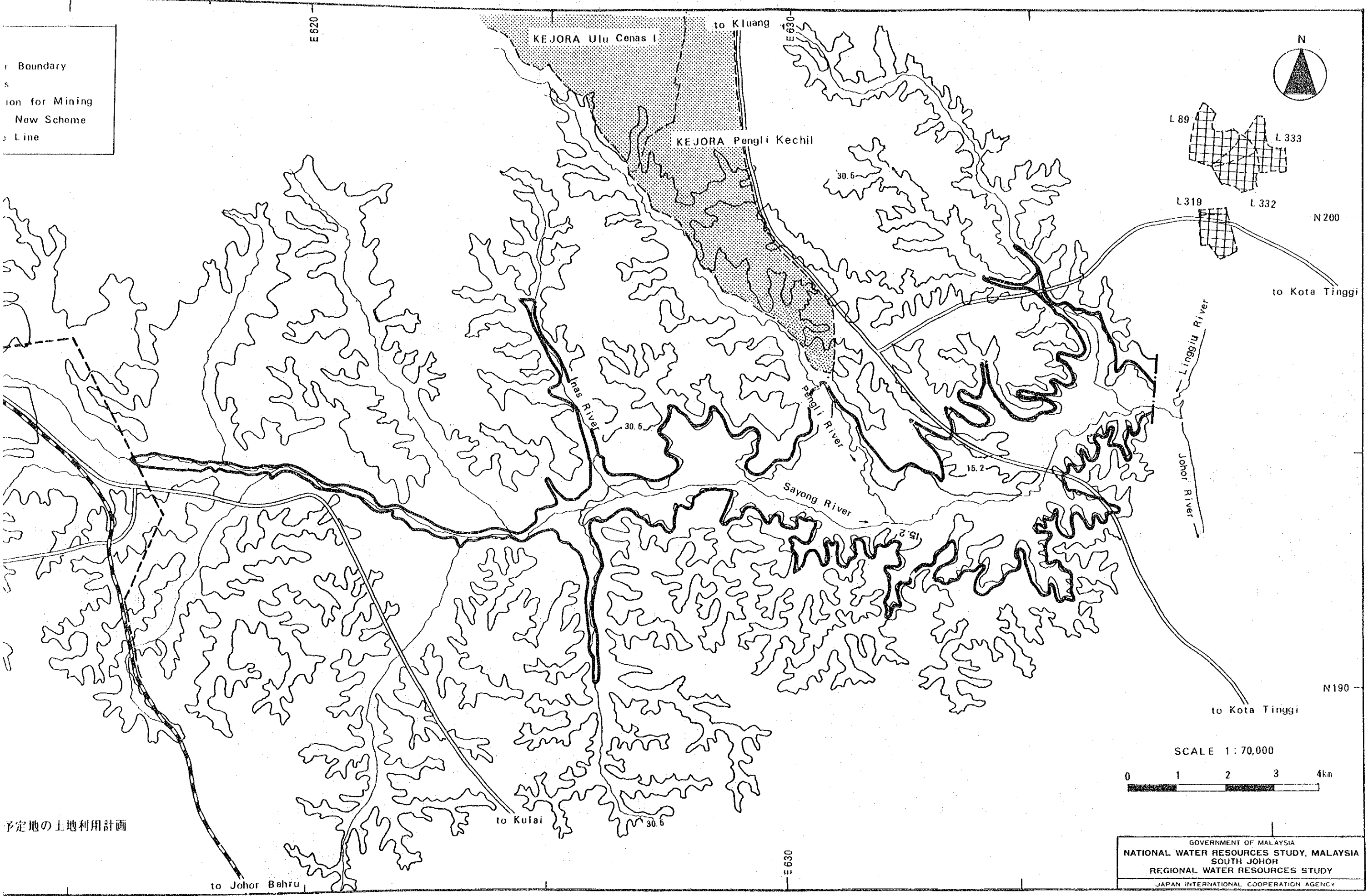


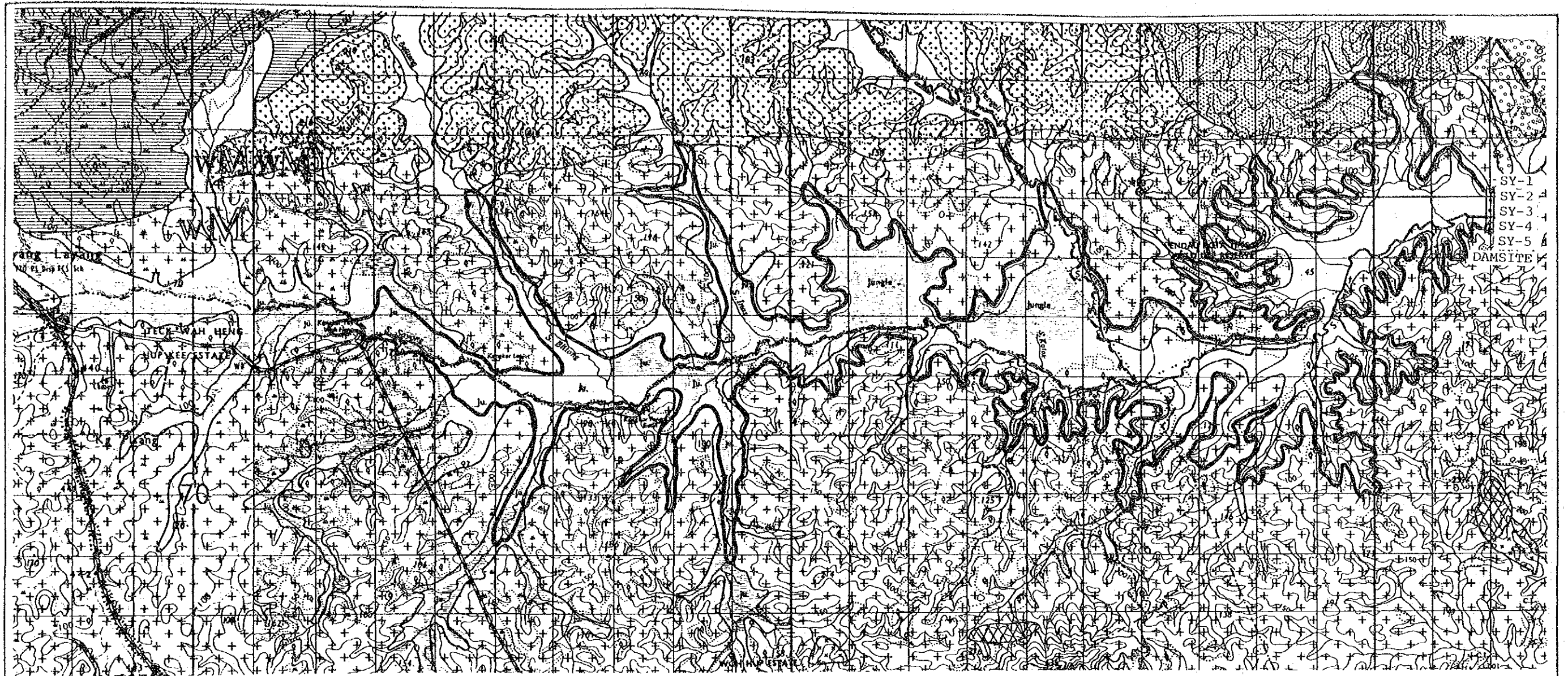
図面-13. サヨン貯水池予定地の土地利用計画

r Boundary  
 s ion for Mining  
 New Scheme  
 ) Line

予定地の土地利用計画



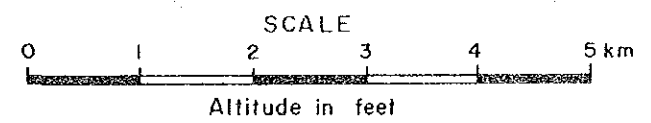
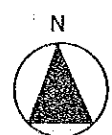
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LEGEND

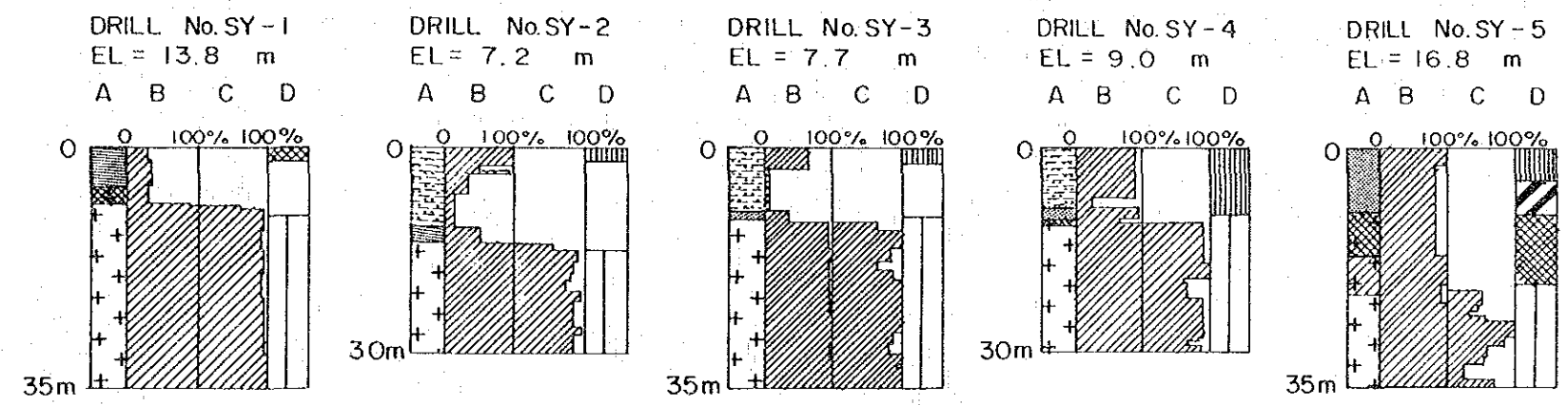
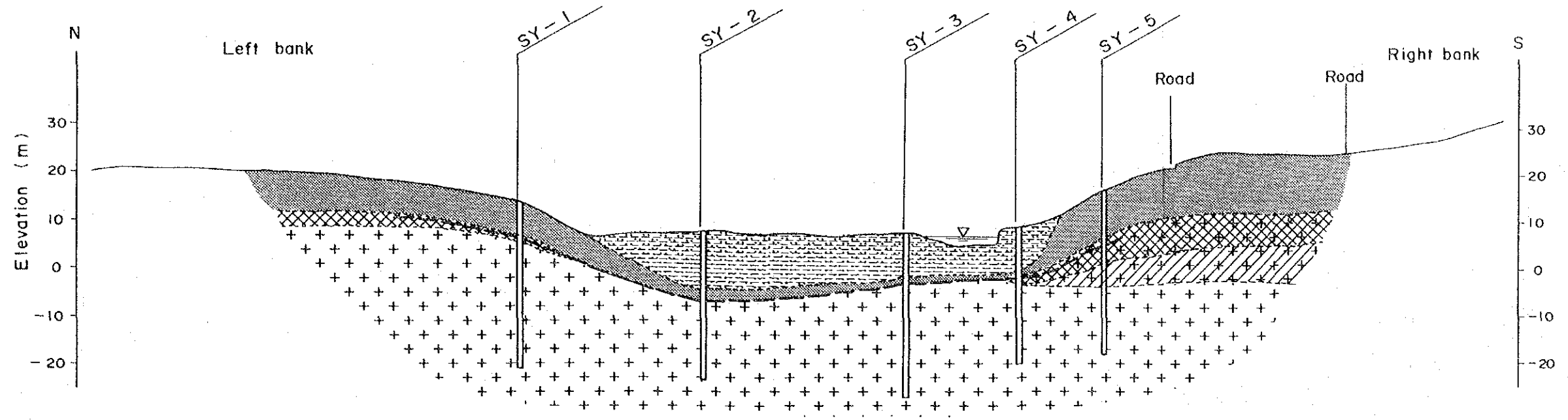
GEOLOGIC AGE	FORMATION	SYMBOL	DESCRIPTION & LITHOLOGY
HOLLOCENE	ALLUVIUM		River and swamp alluvium. Mainly sand, silt and clay
PLEISTOCENE	TERRACE DEPOSITS		Mainly sand, silt with some gravel.
PLEISTOCENE (?)	LAYANG LAYANG FORMATION		Pengel: Sand member: quartz-feldspatic sand, sandy clay.
PLIOCENE	TEBAK FORMATION		Badak Shale member; soft shale, sandy clay, clay loam.
LOWER CRETACEOUS	TEBAK FORMATION		Massive cross-bedded sandstone with intercalations of mudstone and grit.
LOWER TRIASSIC	GRANITE		Hornblende bearing adamellite; a coarse-grained rock.

- Boundary of Formation
- Fault
- Inferred Fault
- Strike and dip of Bedding
- Strike and dip of Joint
- Drilling Hole
- Reservoir Area



	Microadamellite, fine-grained adamellite and microgranite: minor very fine-grained counterparts of the coarser grained granitic components of the batholith.
	Diorite and monzonite: possibly granitized gabbro.

図面-14. サヨン貯水池予定地の地質図



**LEGEND**

A: Geology from the surface investigation and drilling

- Alluvial deposits (sand, silt and clay)
- Top soil and residual soil with quartz grain
- Completely or heavy weathered granite (D in rock-grade classification)
- Moderately weathered granite (CM to CL in rock-grade classification)
- Fresh granite (B to CH in rock-grade classification)

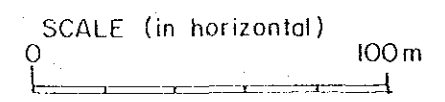
- Geologic boundary
- Excavation line for Earth fill type dam

B: Core Recovery (%)

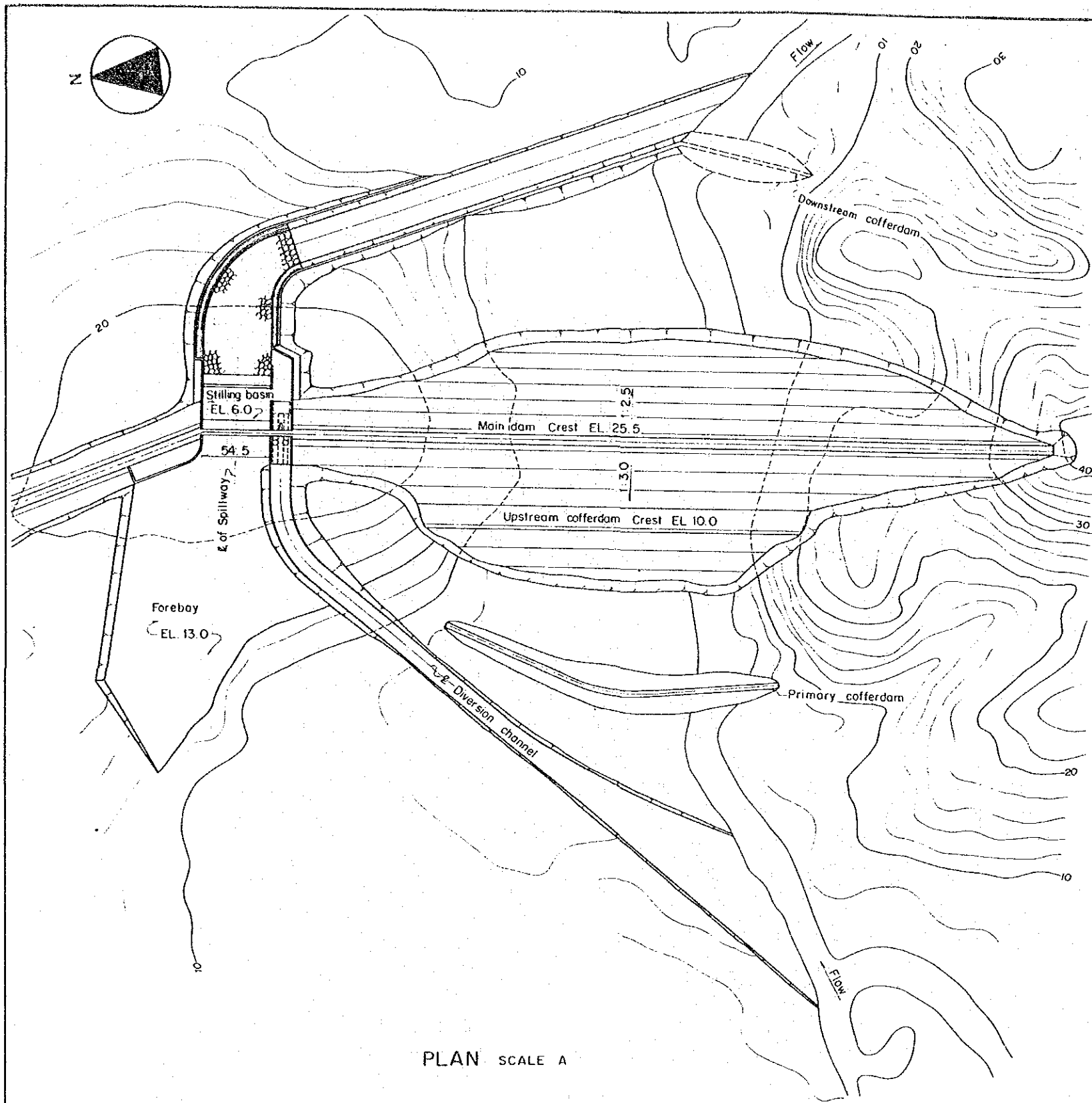
C: Rock Quality Designation (%)

D: Permeability in Lugeon Unit (Lu)

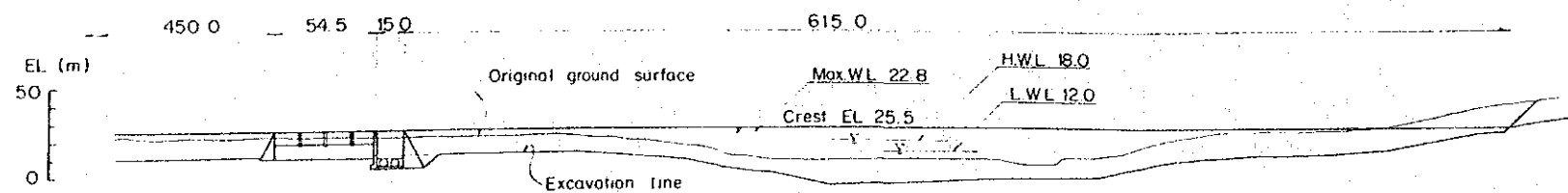
- Lu ≤ 5
- 5 < Lu ≤ 20
- 20 < Lu ≤ 40
- 40 < Lu ≤ 100
- 100 < Lu



図面-15. サヨンダム予定地の地質縦断図

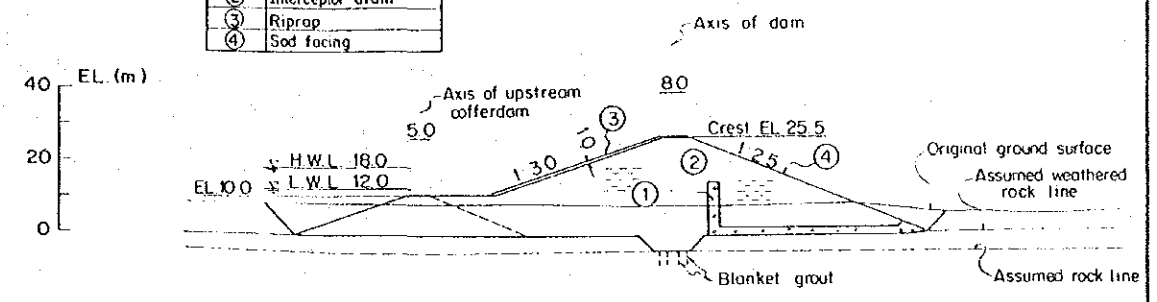


PLAN SCALE A

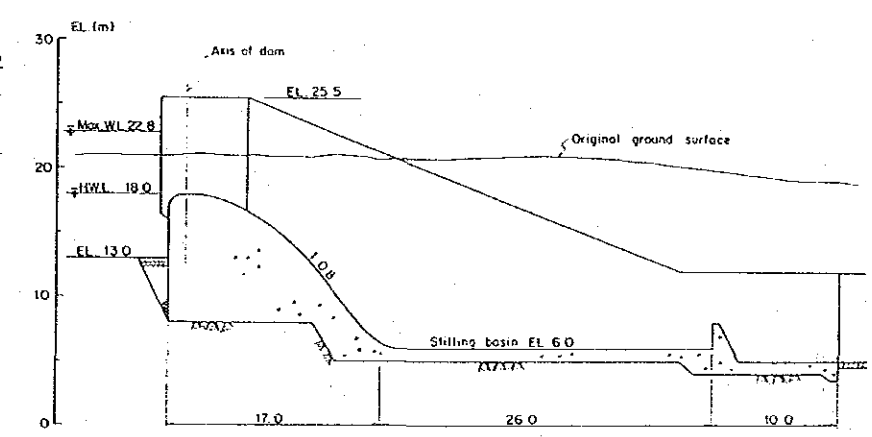


UPSTREAM ELEVATION OF DAM SCALE A

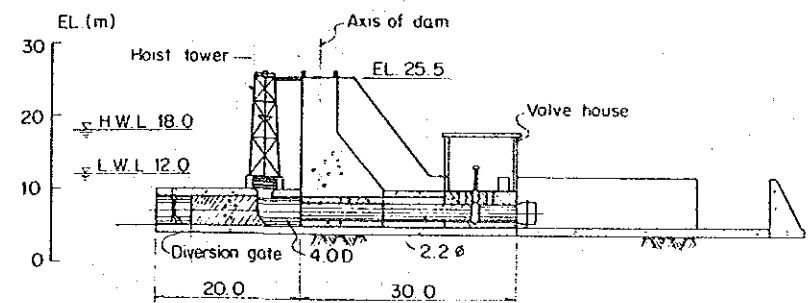
Zone	Material
①	Earthfill material
②	Interceptor drain
③	Riprap
④	Sod facing



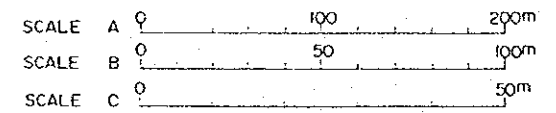
TYPICAL SECTION OF DAM SCALE B



PROFILE OF SPILLWAY SCALE C

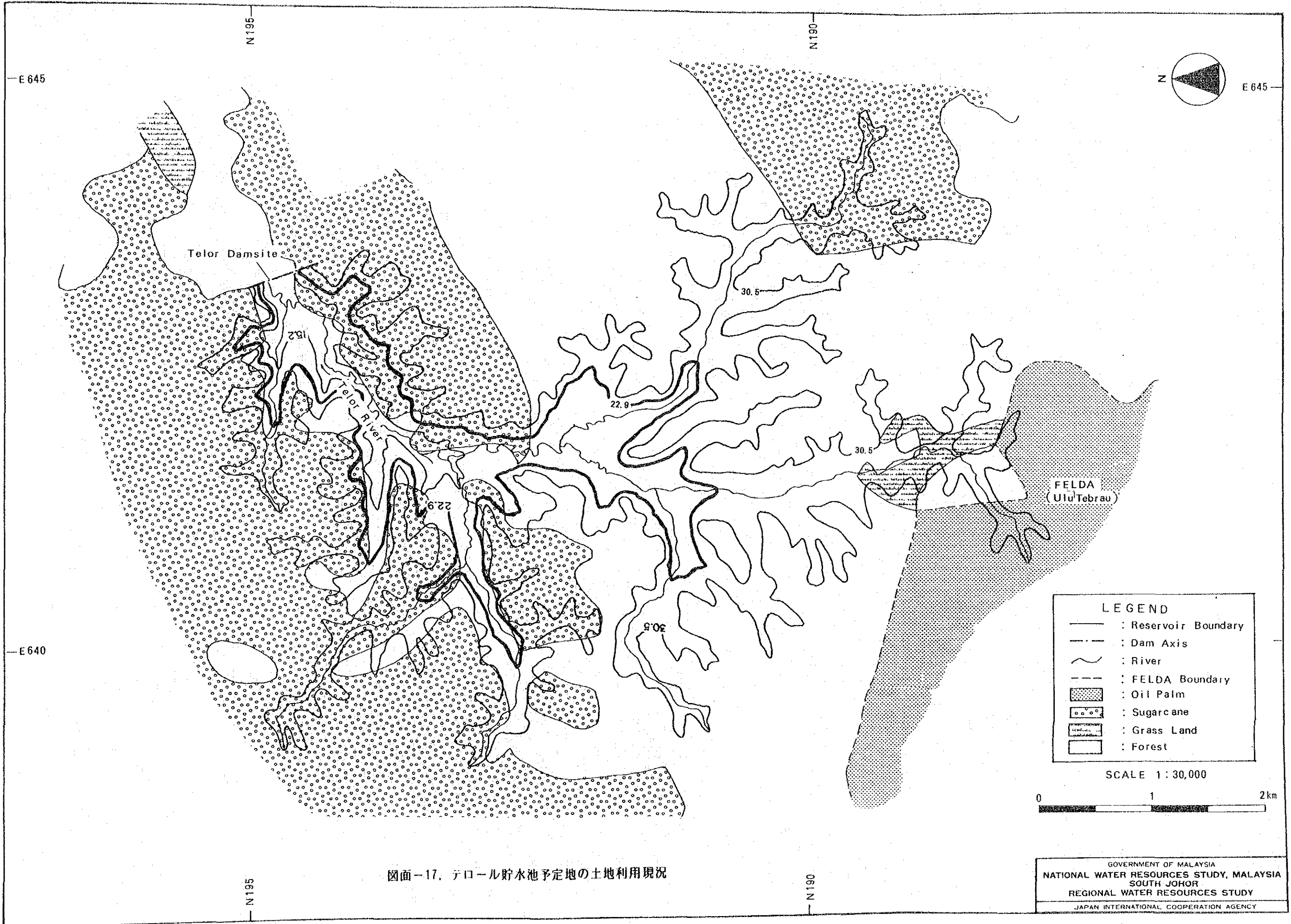


PROFILE OF DIVERSION AND RIVER OUTLET SCALE C



図面-16. サヨンドム計画

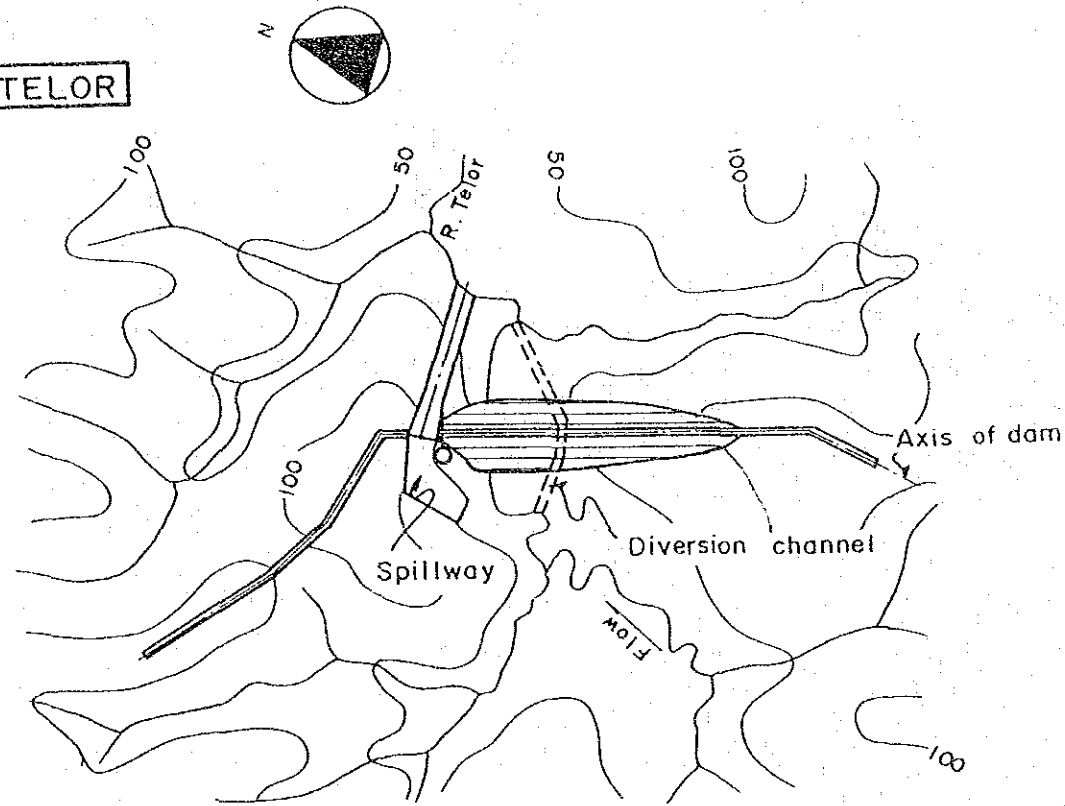
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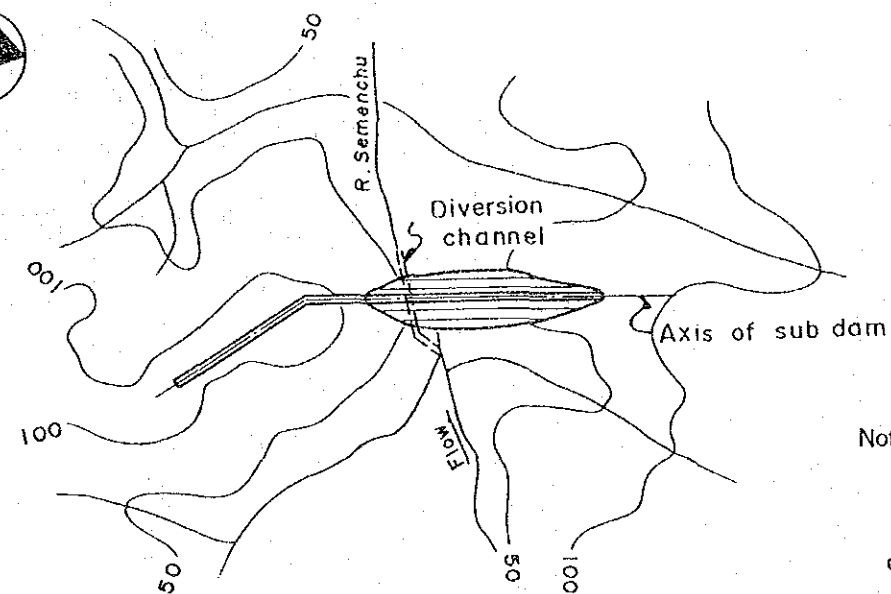
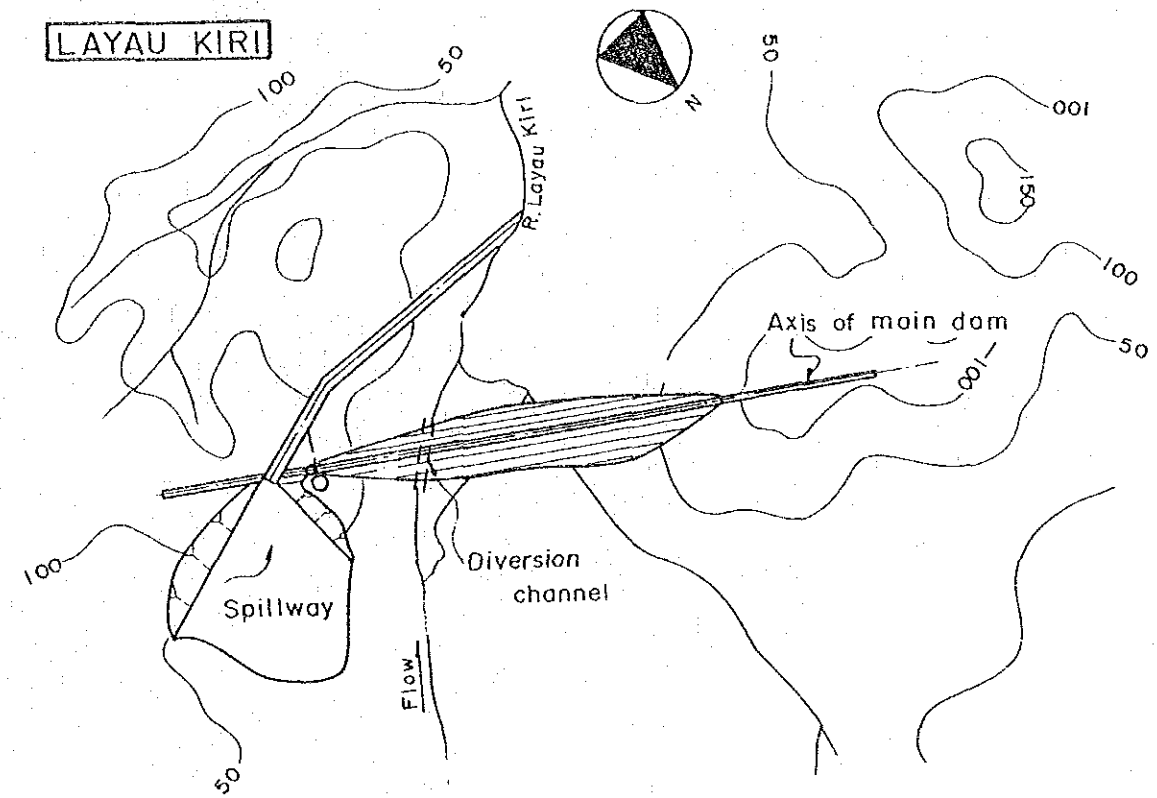
図面-17. テロール貯水池予定地の土地利用現況

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TELOR



LAYAU KIRI

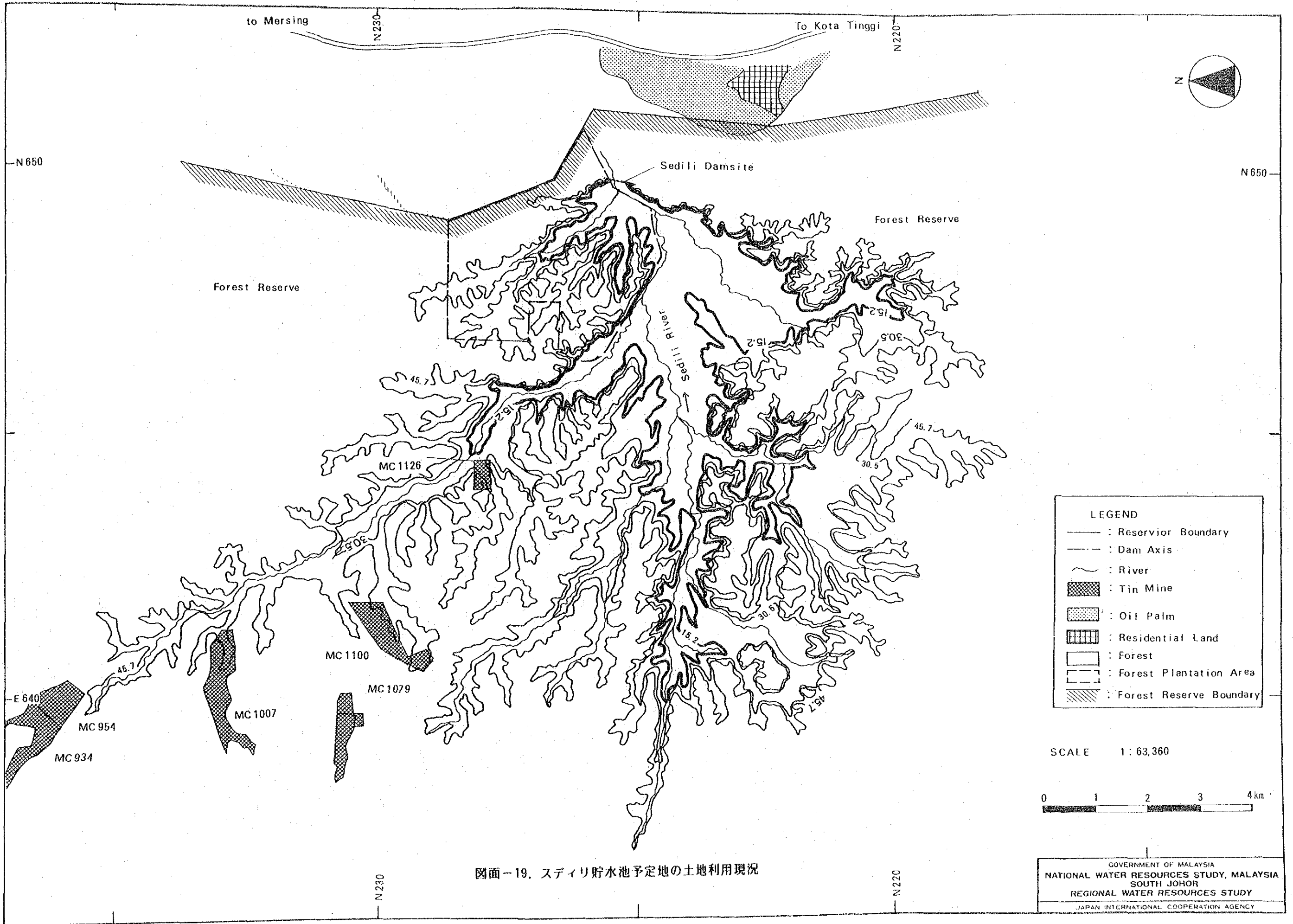


Note: Elevation is shown in feet.

SCALE



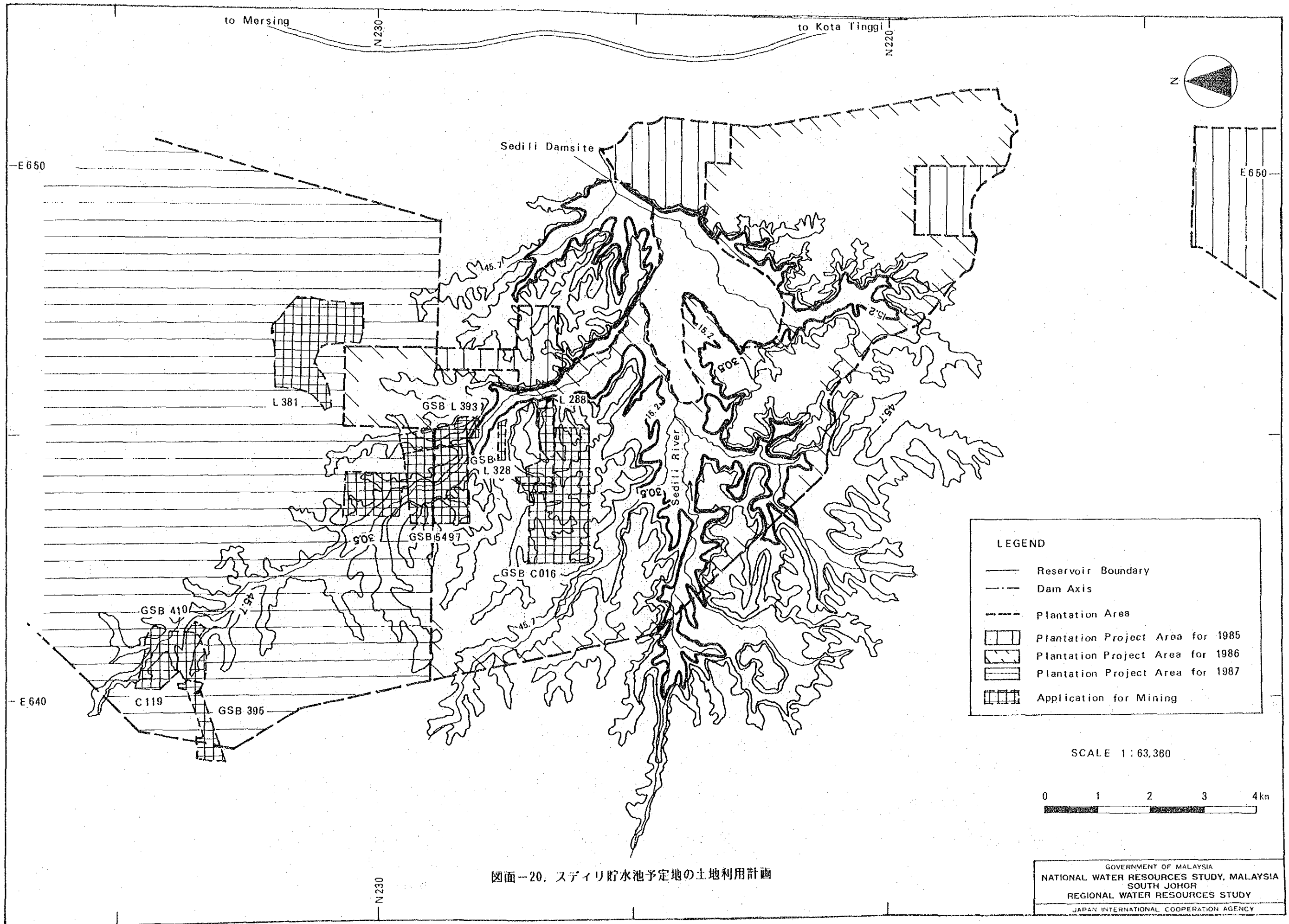
図面-18. テロール、ラヤウキリダムの概略設計図



図面-19. スディリ貯水池予定地の土地利用現況

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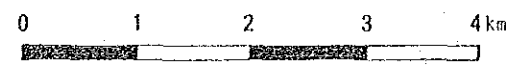




LEGEND

- Reservoir Boundary
- - - Dam Axis
- - - Plantation Area
- [Grid Pattern] Plantation Project Area for 1985
- [Diagonal Line Pattern] Plantation Project Area for 1986
- [Horizontal Line Pattern] Plantation Project Area for 1987
- [Cross-hatch Pattern] Application for Mining

SCALE 1 : 63,360



図面-20. スディリ貯水池予定地の土地利用計画

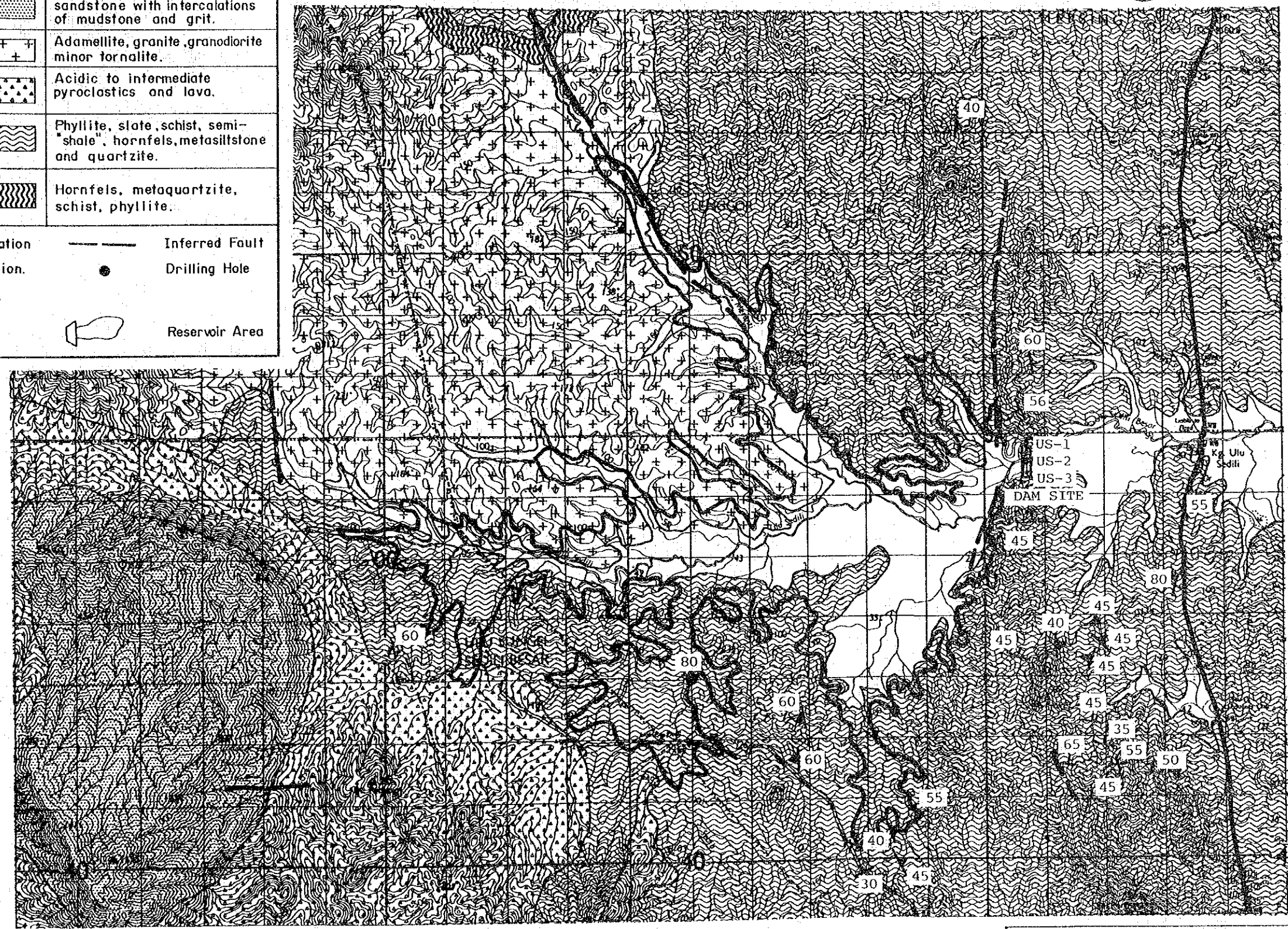
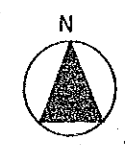
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LEGEND

GEOLOGIC AGE	FORMATION	SYMBOL	DESCRIPTION & LITHOLOGY
RECENT	ALLUVIUM		River and swamp alluvium, colluvium. Mainly sand, silt and clay.
LOWER CRETACEOUS	TEBAK FORMATION		Massive cross-bedded sandstone with intercalations of mudstone and grit.
TRIASSIC	LENGGOR GRANITE		Adamellite, granite, granodiorite, minor tonalite.
UPPER PERMIAN	SEDILI VOLCANIC FORMATION		Acidic to intermediate pyroclastics and lava.
PERMIAN	MERSING GROUP		Phyllite, slate, schist, semi-"shale", hornfels, metasiltstone and quartzite.
			Hornfels, metaquartzite, schist, phyllite.

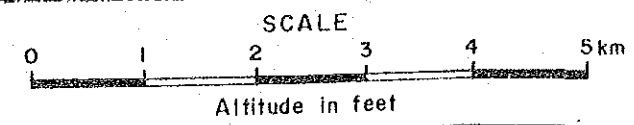
  

	Strike and dip of Formation		Inferred Fault
	Strike and dip of Foliation.		Drilling Hole
	Strike and dip of Joint.		Reservoir Area
	Boundary of Formation.		
	Fault		

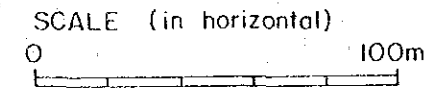
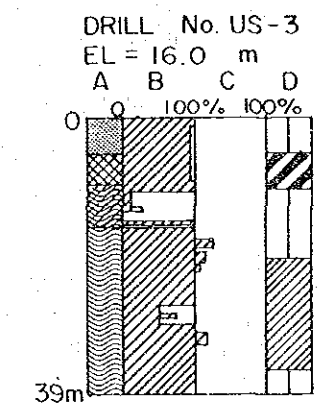
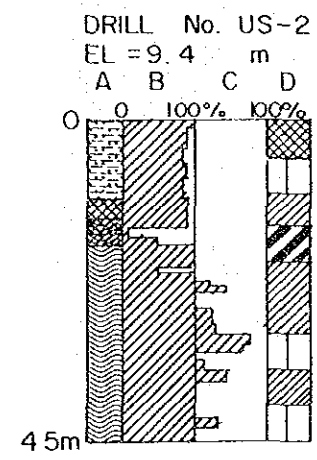
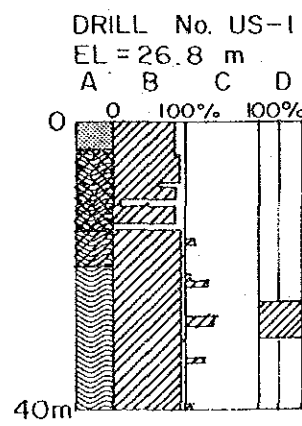
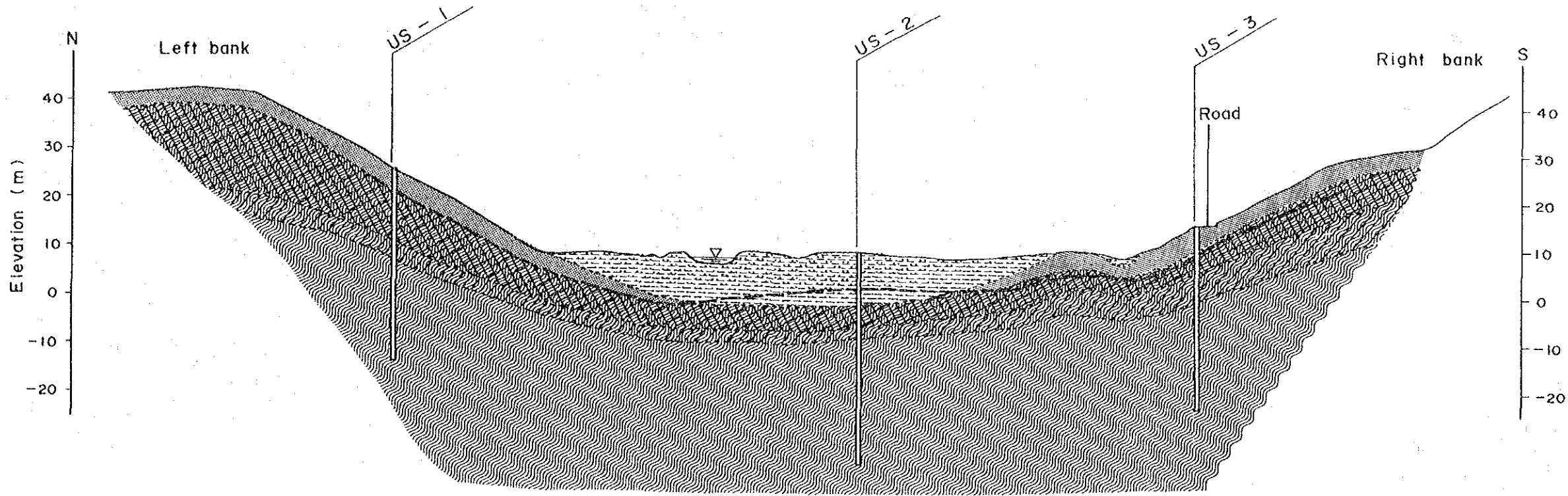


(After the geological map prepared by G.S. D)

図面-21. スディリ貯水池予定地の地質図



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**LEGEND**

A: Geology from the surface investigation and drilling

- Alluvial deposits (sand, silt)
- Top soil and residual soil
- Mersing Group Phyllite
- Heavy weathered or fractured zone (D to CL in rock grade classification)

- Moderately weathered or fractured zone (CL in rock-grade classification)
- Geologic boundary
- Excavation line for Earth fill type dam

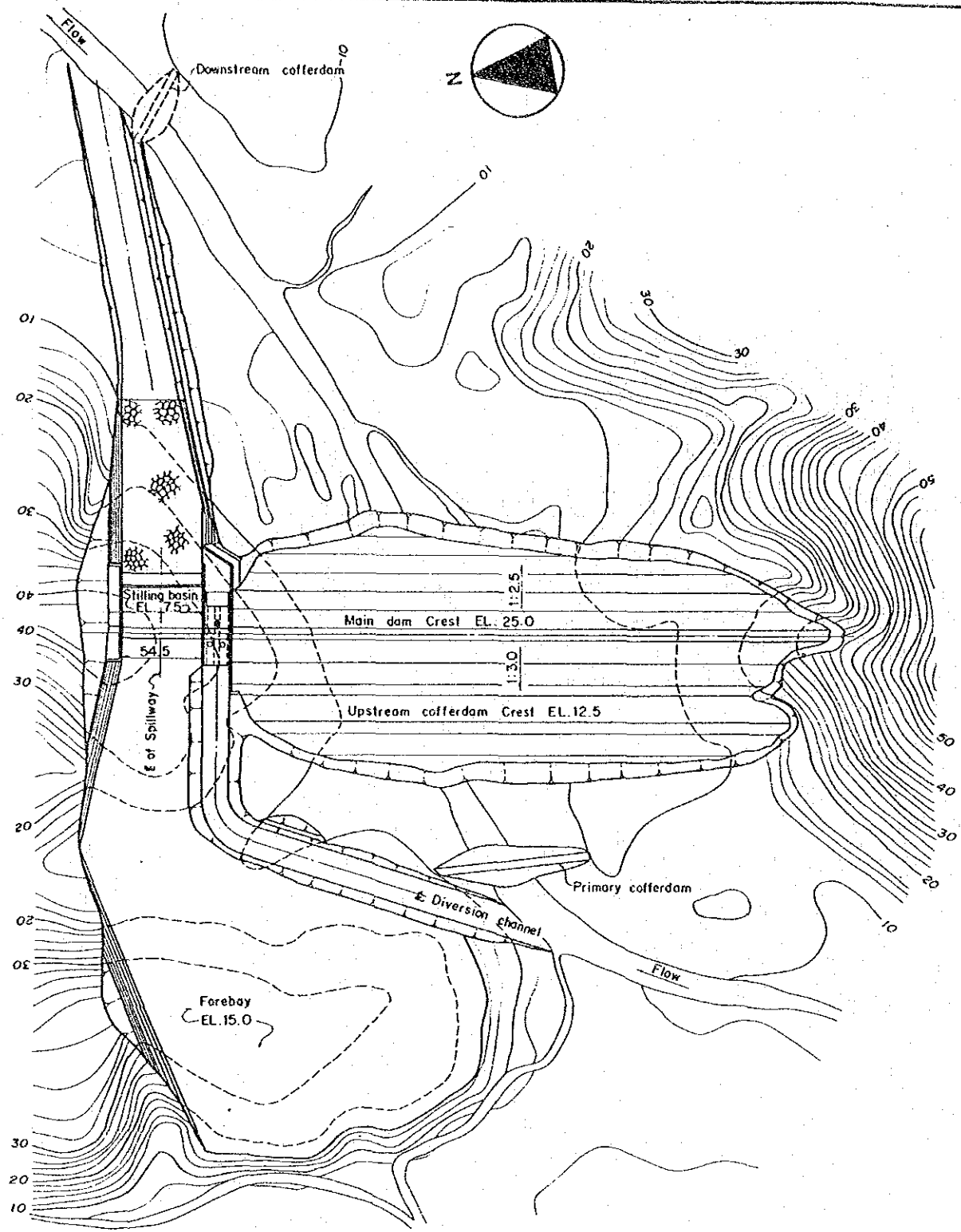
B: Core Recovery (%)

C: Rock Quality Designation (%)

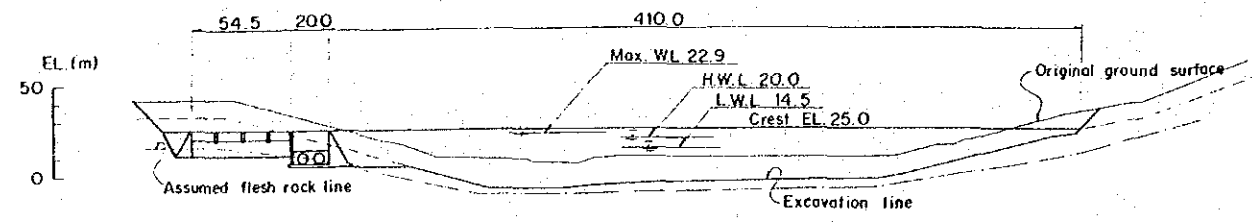
D: Permeability in Lugeon Unit (Lu)

- $Lu \leq 5$
- $5 < Lu \leq 20$
- $20 < Lu \leq 40$
- $40 < Lu \leq 100$
- $100 < Lu$

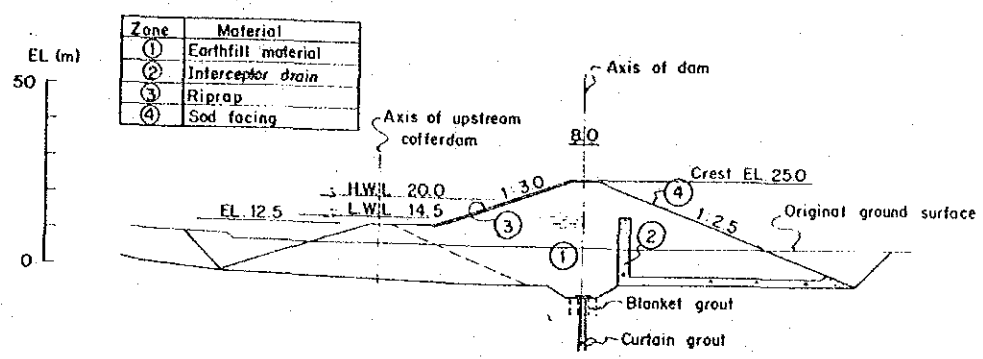
図面-22. スディリダム予定地の地質縦断図



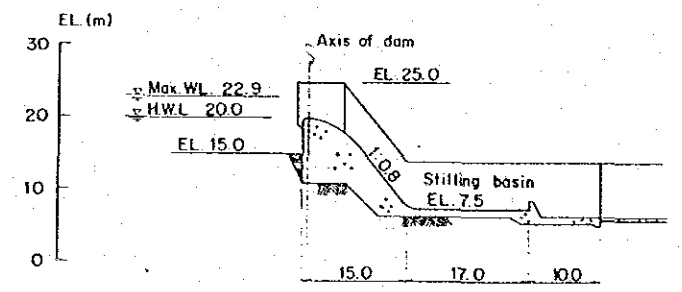
PLAN SCALE A



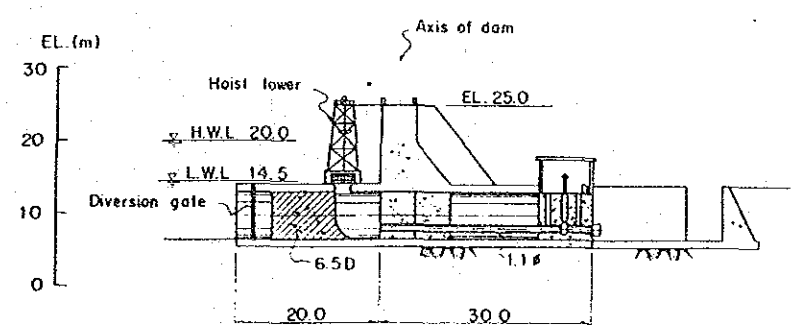
UPSTREAM ELEVATION OF DAM SCALE A



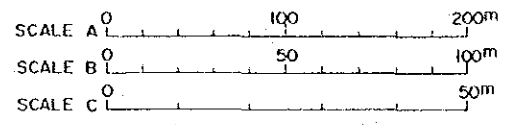
TYPICAL SECTION OF DAM SCALE B



PROFILE OF SPILLWAY SCALE C

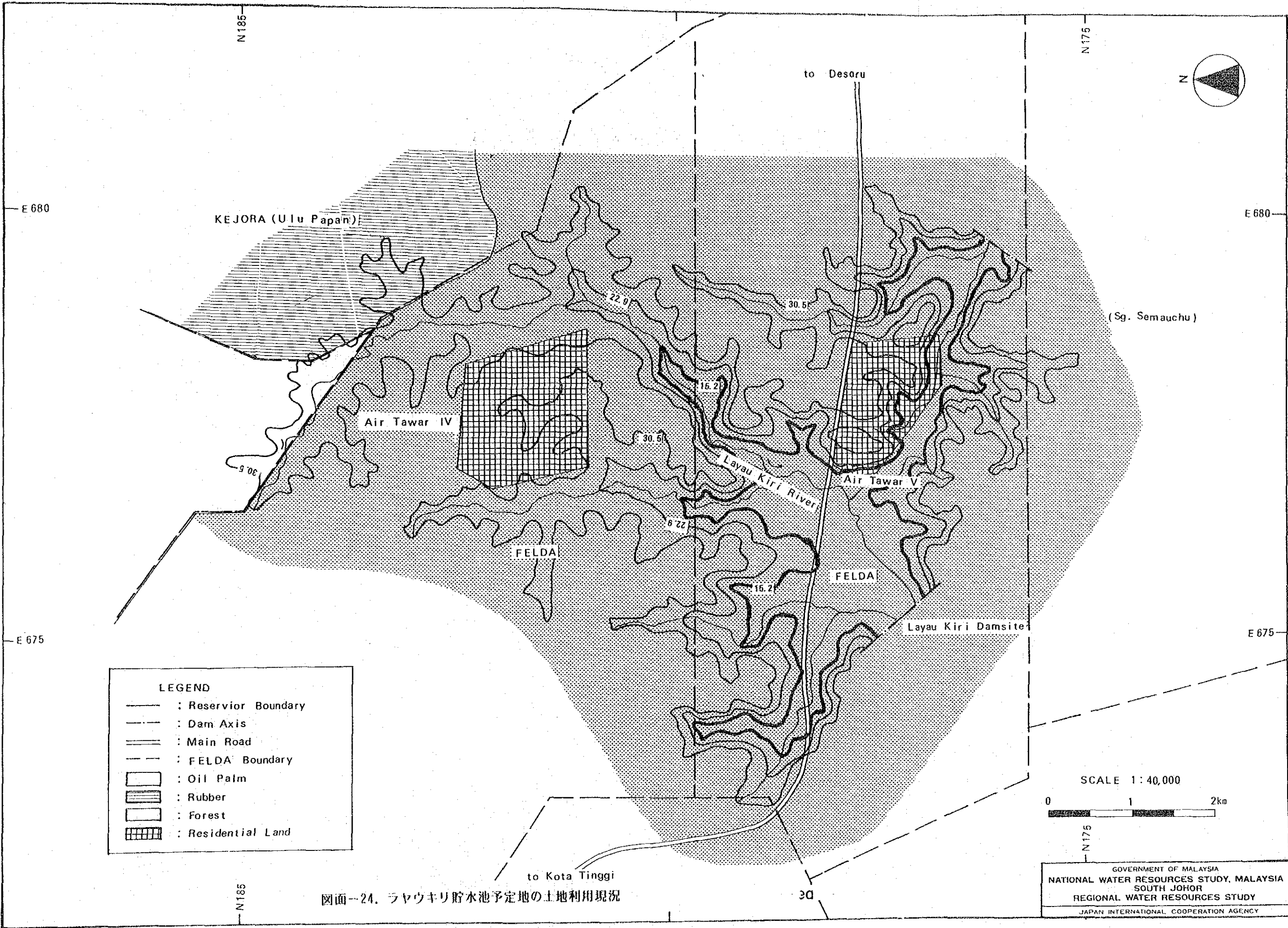


PROFILE OF DIVERSION AND RIVER OUTLET SCALE C



図面-23. スディリダム計画

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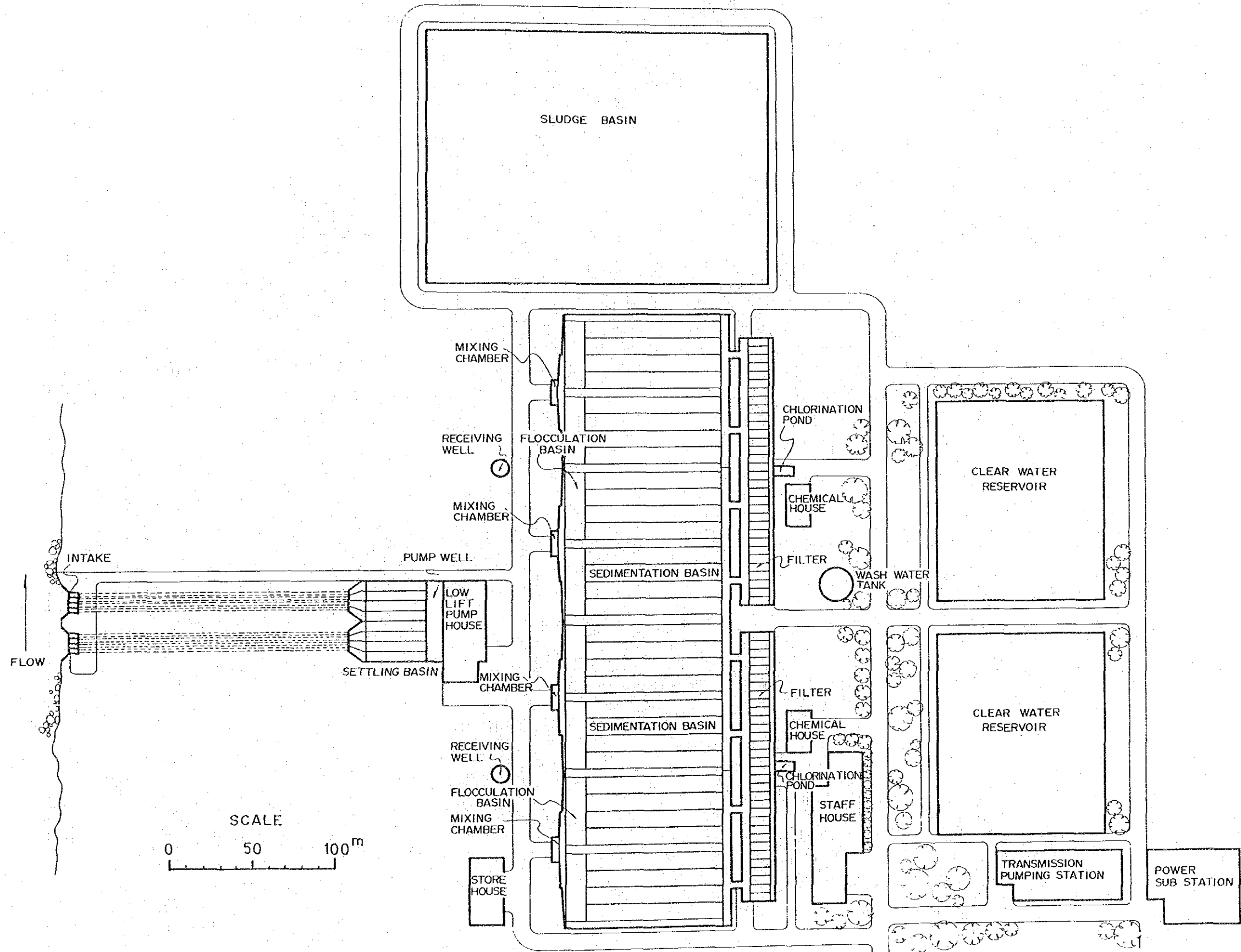
LEGEND

- : Reservoir Boundary
- : Dam Axis
- : Main Road
- : FELDA Boundary
- : Oil Palm
- : Rubber
- : Forest
- : Residential Land

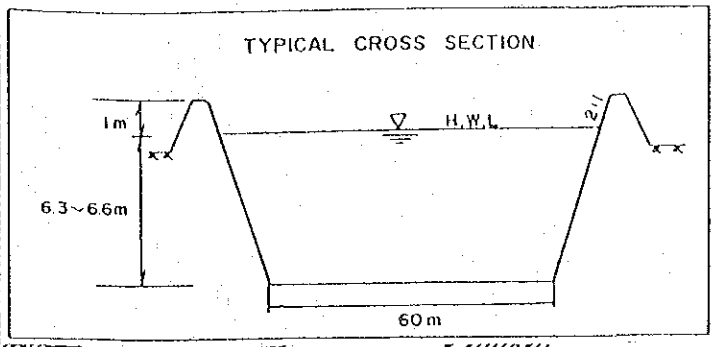
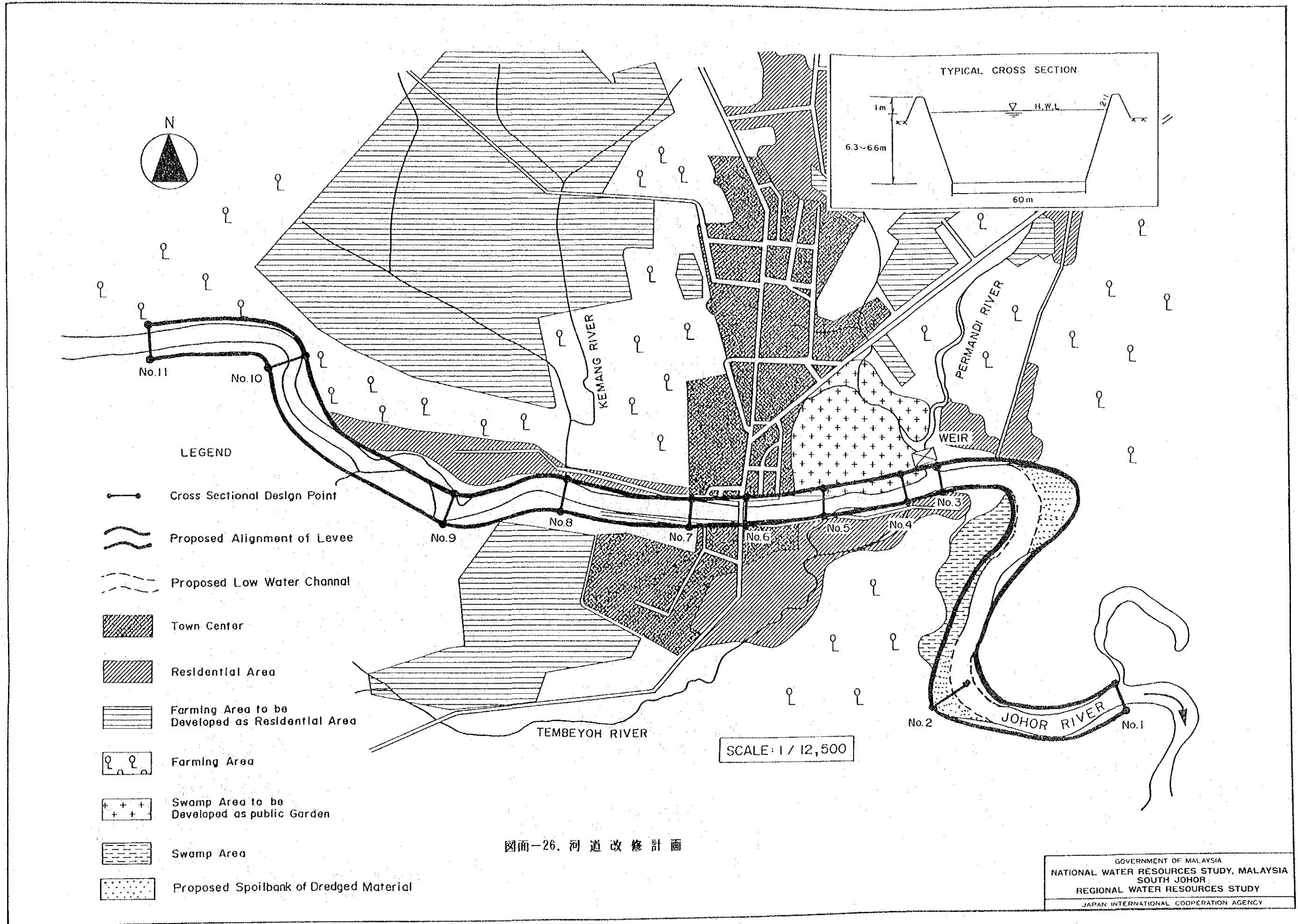
SCALE 1 : 40,000  
 0 1 2km

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図面-24. ラウキリ貯水池予定地の土地利用現況



図面-25. 浄水場の概略設計図

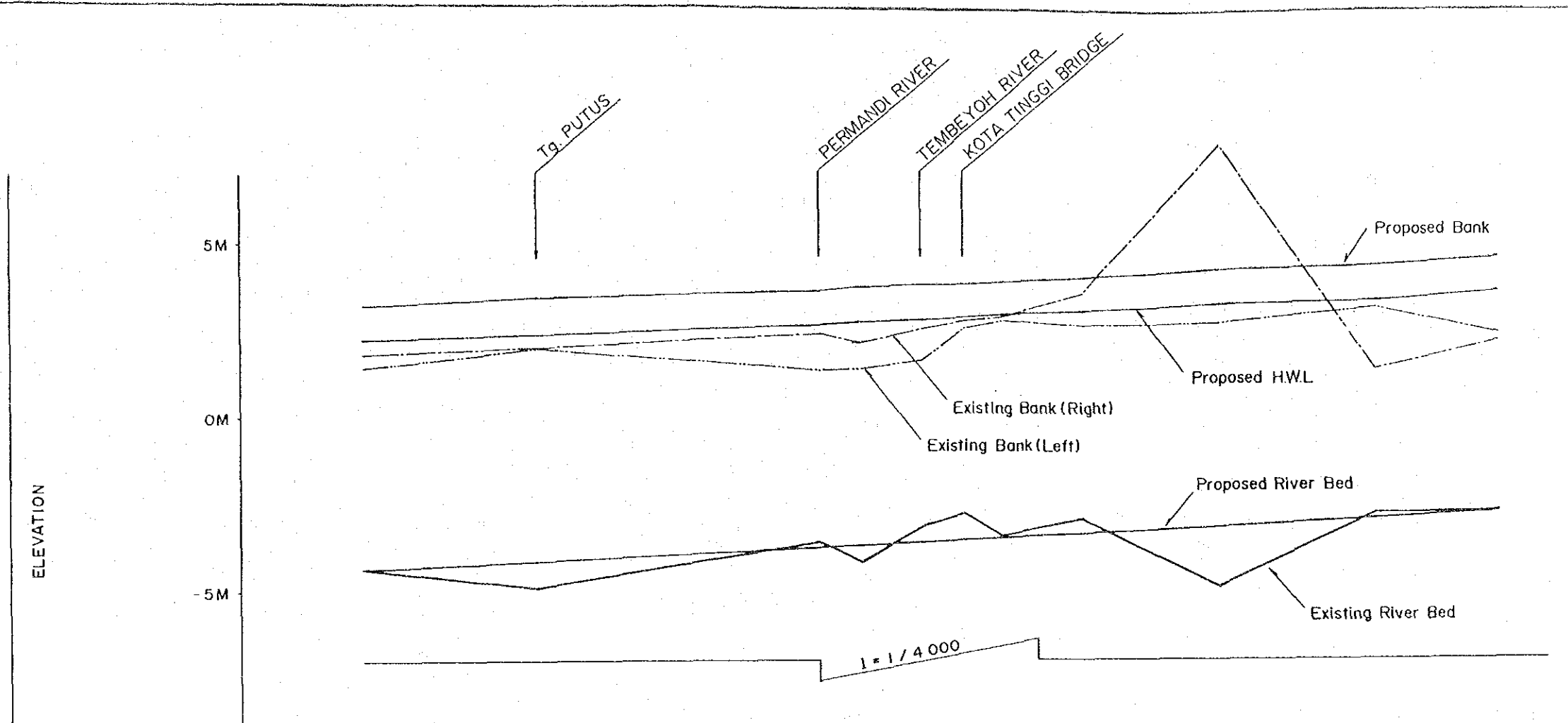


- LEGEND
- Cross Sectional Design Point
  - Proposed Alignment of Levee
  - Proposed Low Water Channal
  - Town Center
  - Residential Area
  - Farming Area to be Developed as Residential Area
  - Farming Area
  - Swamp Area to be Developed as public Garden
  - Swamp Area
  - Proposed Spoilbank of Dredged Material

SCALE: 1 / 12,500

圖面-26. 河道改修計畫

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DATUM LINE	-10M	000	1000	2000	3000	4000	5000	6000	7000				
PROPOSED BANK		3.22	3.47		3.69	3.79	3.82	3.89	3.96	4.09	4.35	4.42	4.62
PROPOSED H.W.L.		2.22	2.37		2.69	2.79	2.82	2.89	2.96	3.09	3.35	3.42	3.62
PROPOSED RIVER BED		-4.40	-4.15		-3.74	-3.67	-3.59	-3.52	-3.47	-3.34	-3.14	-2.97	-2.72
EXISTING BANK (RIGHT)		1.76	1.97		2.42	2.13	2.56	2.82	2.92	3.61	7.94	1.37	2.18
EXISTING BANK (LEFT)		1.42	1.97		1.37	1.39	1.65	2.55	2.81	2.65	2.77	3.22	2.47
EXISTING RIVER BED		-4.38	-4.87		-3.58	-4.15	-3.13	-2.77	-3.43	-2.92	-4.92	-2.77	-2.72
INCREASE DISTANCE		0.00	1000		2660	2910	3260	3510	3730	4230	5050	5980	6720
INTERVAL DISTANCE		0.00	1000		1660	250	350	250	220	500	820	930	740
STATION POINT NO.		1	2		3	4	5	6	7	8	9	10	11

図面-27. ジョホール川モデル区間の計画河川縦断面図



