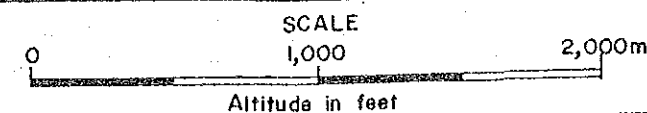


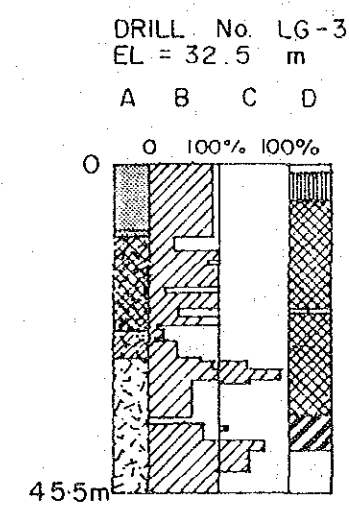
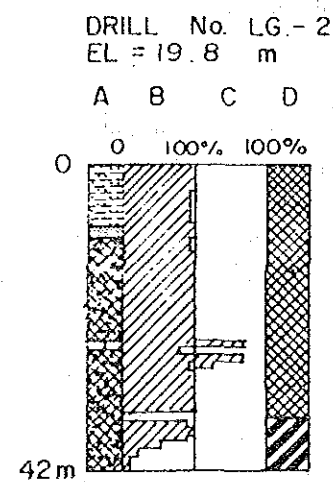
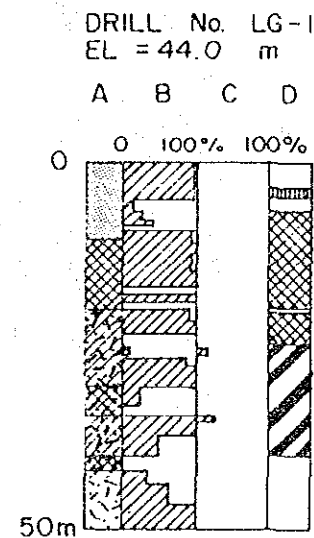
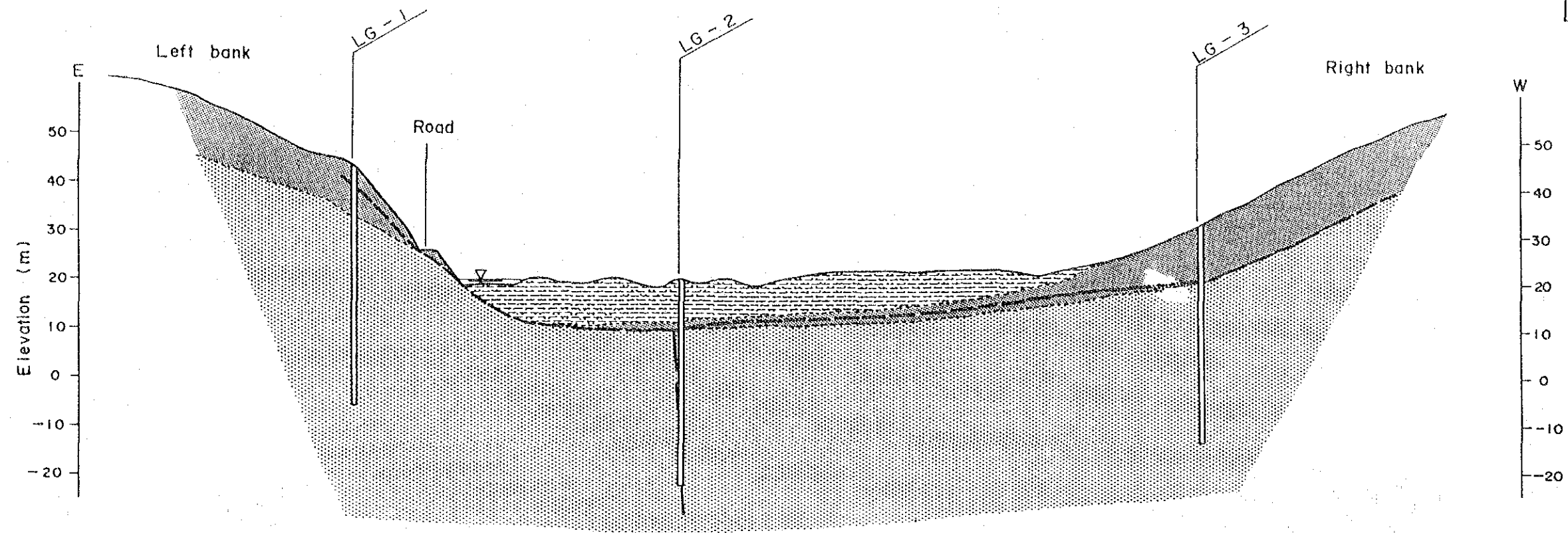
LEGEND

GEOLOGIC AGE	FORMATION	SYMBOL	DESCRIPTION & LITHOLOGY	Boundary of Formation	Fault	Inferred	Drilling Hole
RECENT	ALLUVIUM		River and swamp alluvium. Mainly sand, silt and clay.				
LOWER CRETACEOUS	TEBAK FORMATION		Massive cross-bedded sandstone with intercalations of mudstone and grits.				
UPPER PERMIAN	SEDILI VOLCANIC FORMATION		Acidic to intermediate pyroclastics and lava.				
	LINGGIU FORMATION		Sandstone, siltstone, conglomerate, shale, tuff and lava				

Geological Map of the Proposed Linggiu Reservoir Area



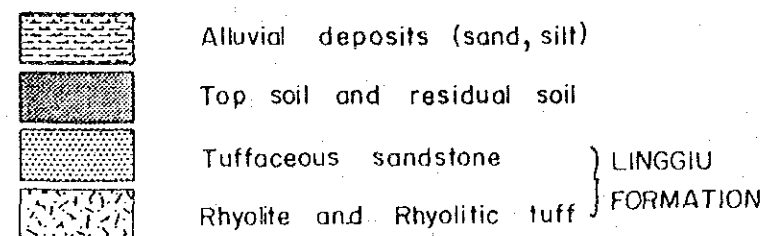
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SCALE (in horizontal)
0 100m

LEGEND

A: Geology from the surface investigation and drilling



(Detailed geological interpretation will need after new drillings)

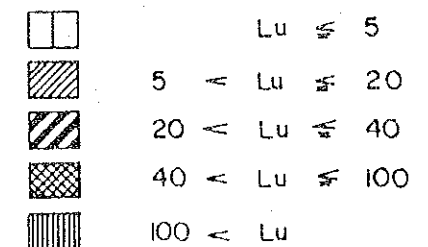
Excavation line for Earth fill type dam








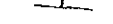
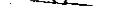

Geologic Profile of the Proposed Linggiu Damsite

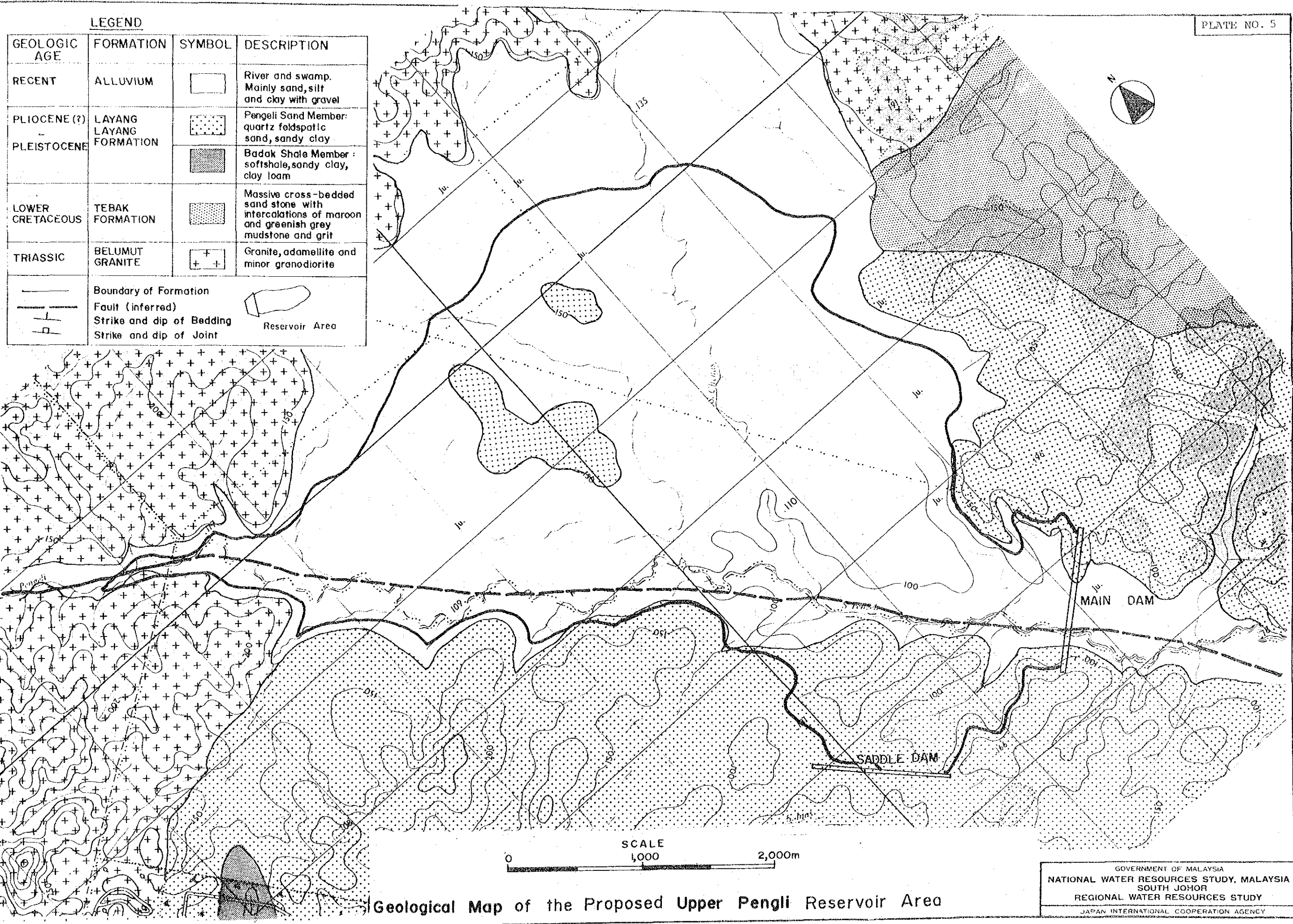
B: Core Recovery (%)

D: Permeability in Lugeon Unit (Lu)

C: Rock Quality Designation (%)

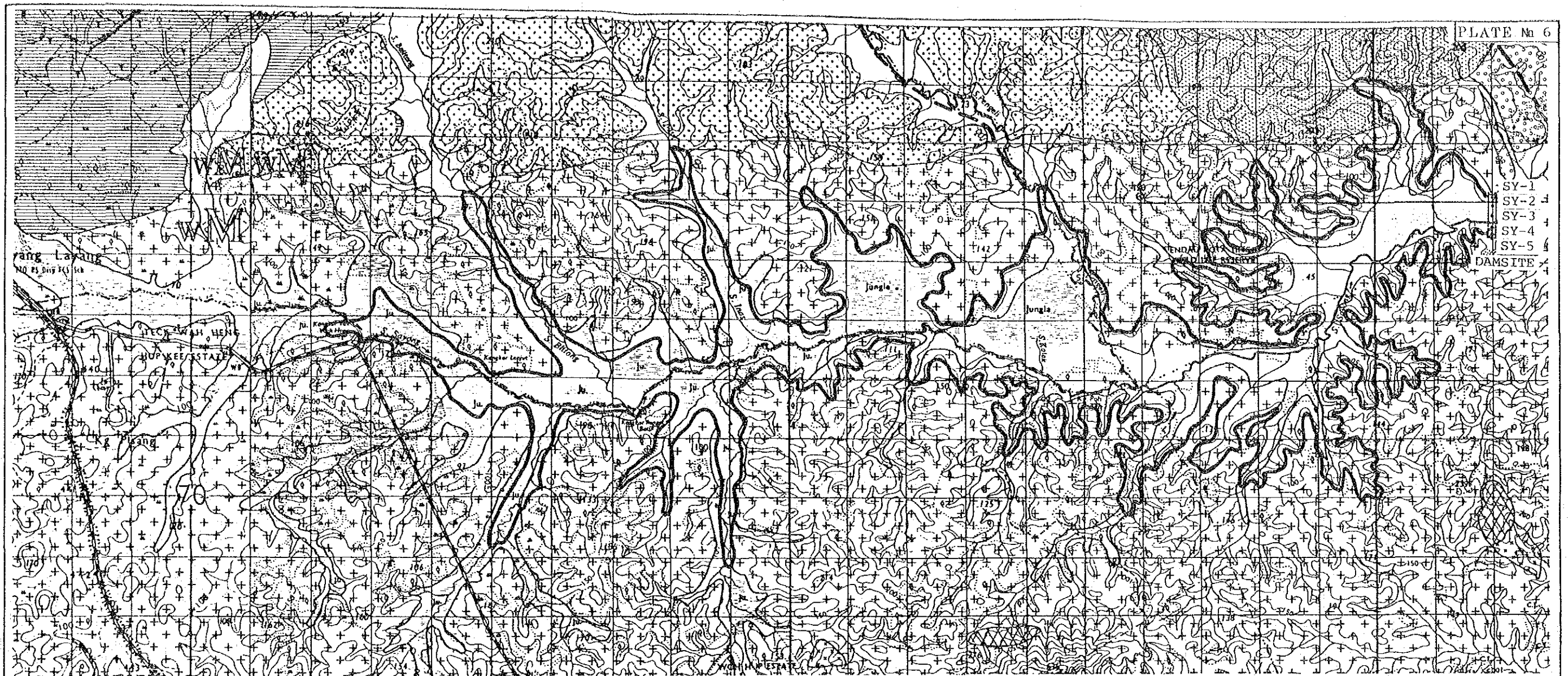


LEGEND			
GEOLOGIC AGE	FORMATION	SYMBOL	DESCRIPTION
RECENT	ALLUVIUM		River and swamp. Mainly sand, silt and clay with gravel
PLIOCENE (?) - PLEISTOCENE	LAYANG LAYANG FORMATION		Pengeli Sand Member: quartz feldspatic sand, sandy clay
			Badak Shale Member: soft shale, sandy clay, clay loam
LOWER CRETACEOUS	TEBAK FORMATION		Massive cross-bedded sand stone with intercalations of maroon and greenish grey mudstone and grit
TRIASSIC	BELUMUT GRANITE		Granite, adamellite and minor granodiorite
 Boundary of Formation  Fault (inferred)  Strike and dip of Bedding  Strike and dip of Joint			
			 Reservoir Area



Geological Map of the Proposed Upper Pengli Reservoir Area

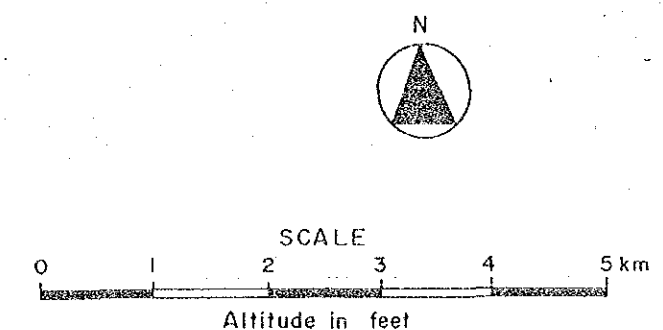
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LEGEND

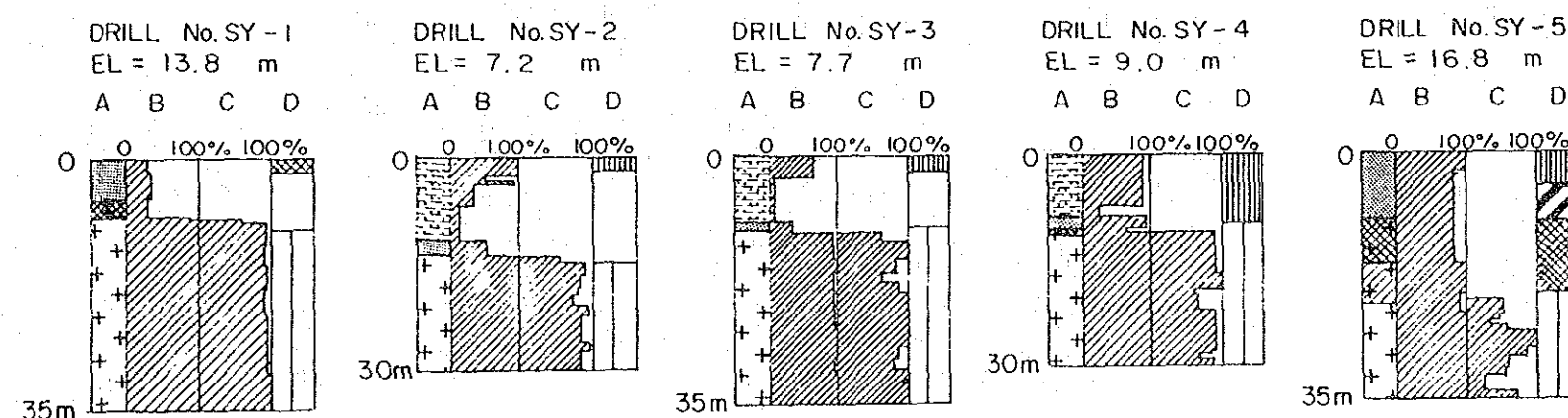
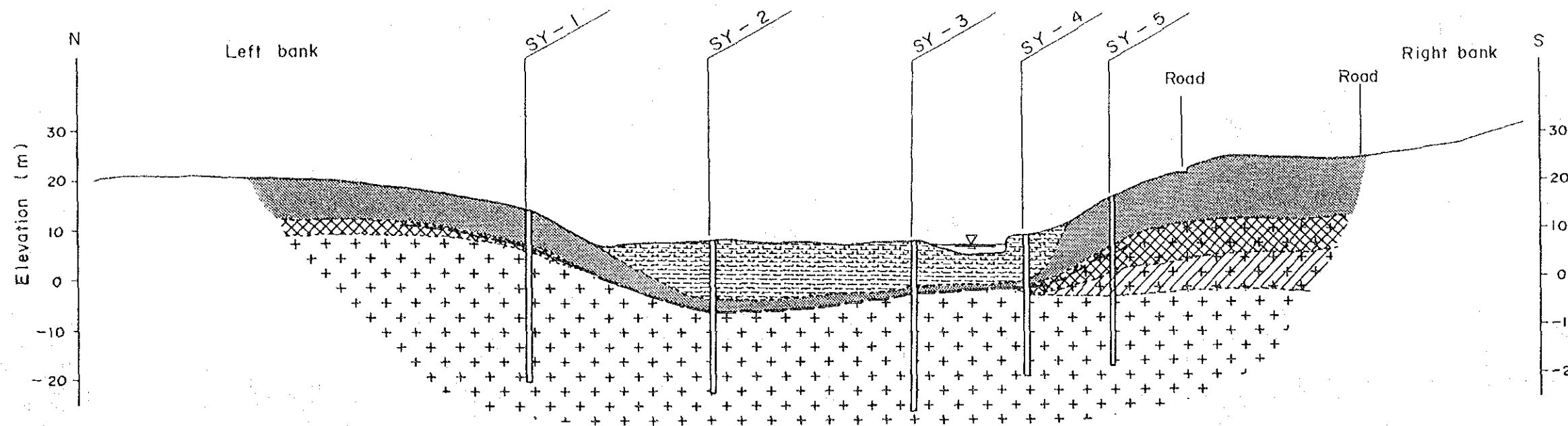
GEOLOGIC AGE	FORMATION	SYMBOL	DESCRIPTION & LITHOLOGY
HOLLOCENE	ALLUVIUM		River and swamp alluvium. Mainly sand, silt and clay.
PLEISTOCENE	TERRACE DEPOSITS		Mainly sand, silt with some gravel.
PLEISTOCENE (?)	LAYANG LAYANG FORMATION		Pengel: Sand member: quartz-feldspatic sand, sandy clay.
PLIOCENE	TEBAK FORMATION		Bodak 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
-



	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.

Geological Map of the Proposed Sayong Reservoir Area
(After the geological map prepared by G.S.D)



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 (%)

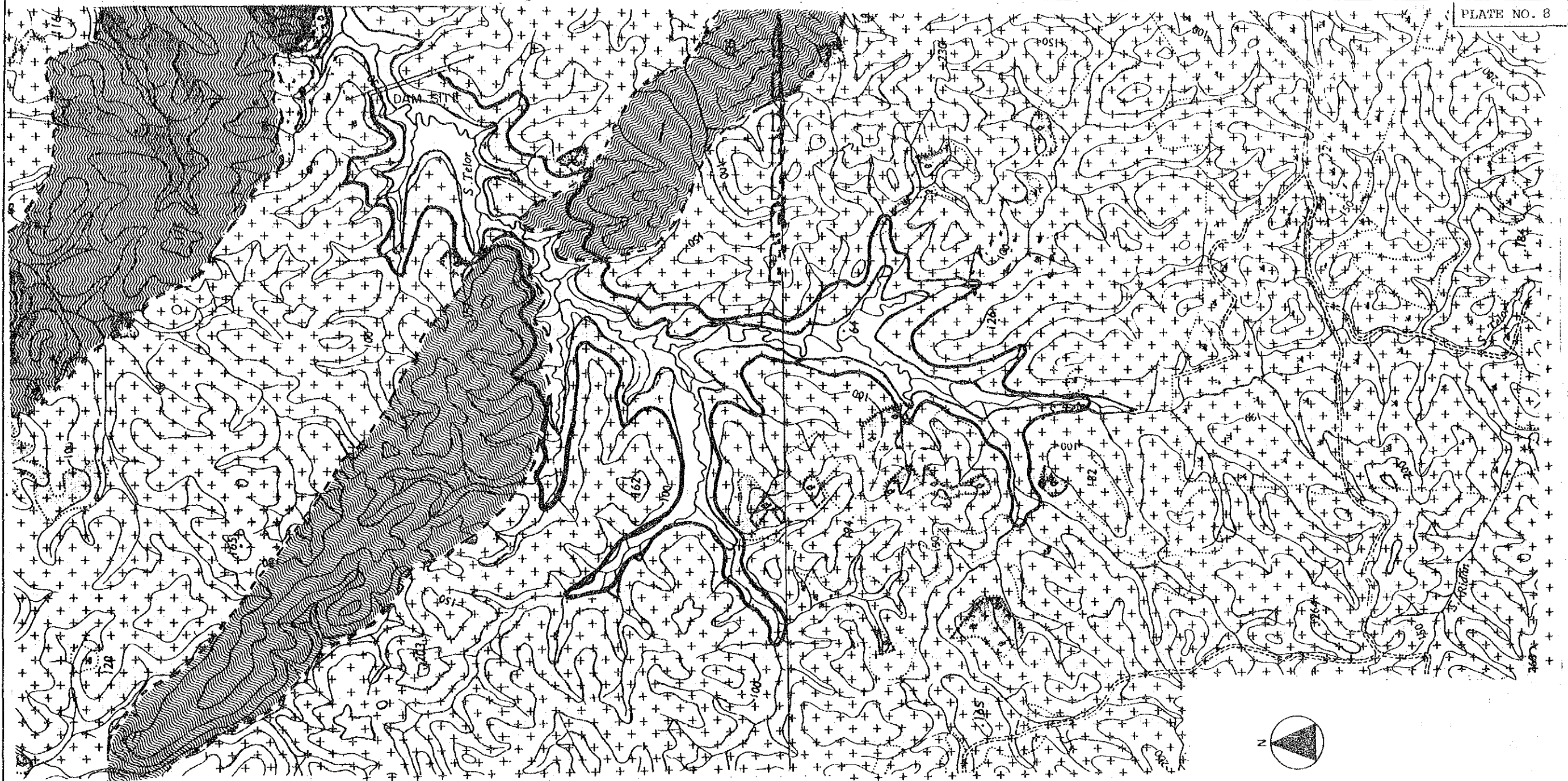
C : Rock Quality Designation (%)

D : Permeability in Lugeon Unit (Lu)

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

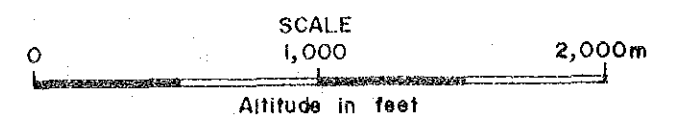
 SCALE (in horizontal)
0 100m

Geologic Profile of the Proposed Sayong Damsite



LEGEND

GEOLOGIC AGE	FORMATION	SYMBOL	DESCRIPTION
RECENT	ALLUVIUM		Unconsolidated sand and clay of river and swamp.
UPPER TRIASSIC TO ? MIDDLE TRIASSIC	JURONG FORMATION		BUKIT RESAM CLASTIC MEMBER Shale, siltstone, sandstone and conglomerate
LOWER TRIASSIC	GRANITE		Hornblende bearing adamellite: a coarse-grained rock; the main component of the batholith.
Boundary of Formation Assumed Strike and dip of Bedding Strike and dip of Joint		Rubber Plantation Reservoir Area	



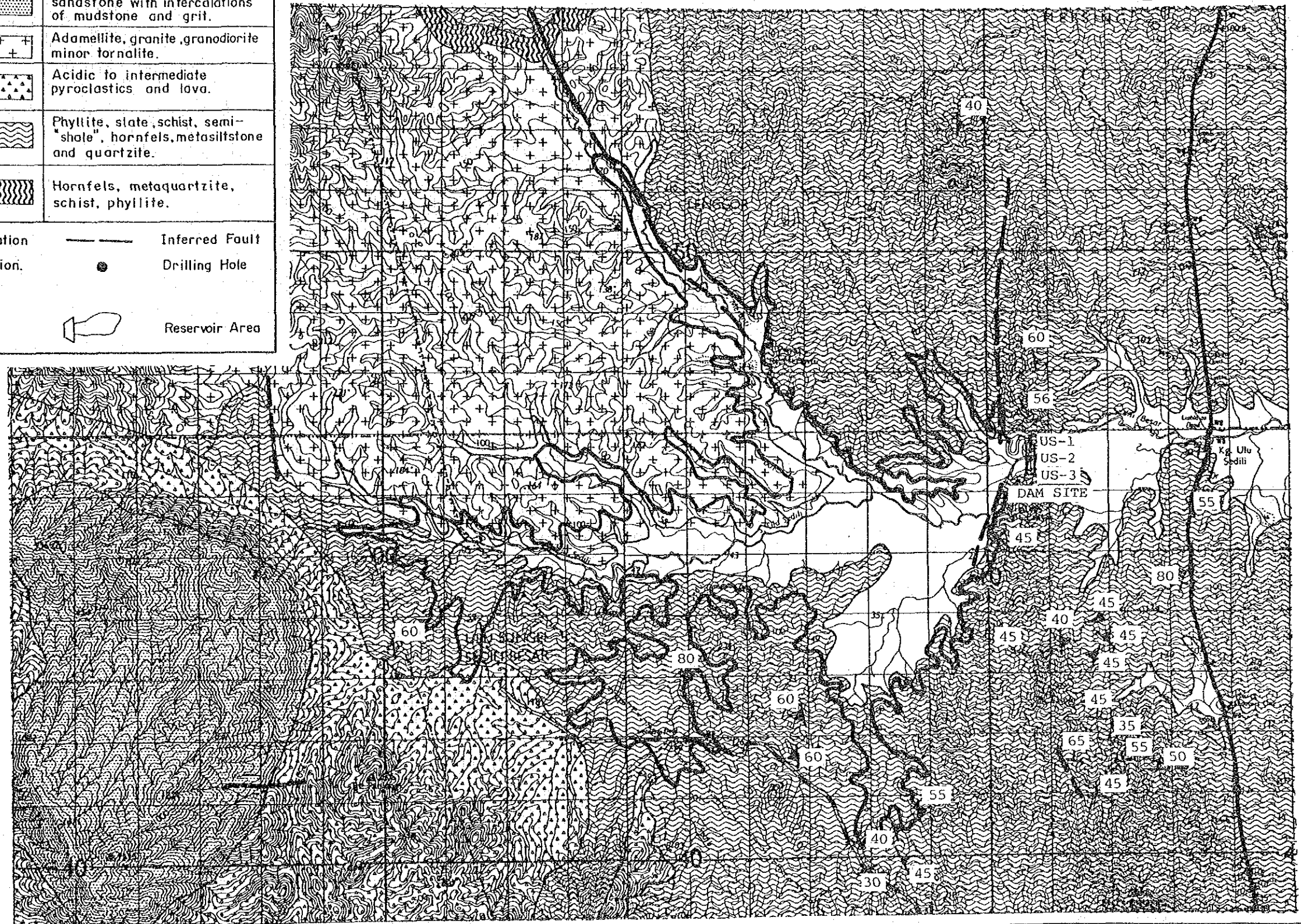
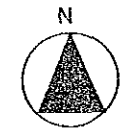
Geological Map of the Proposed Telor Reservoir Area

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LEGEND

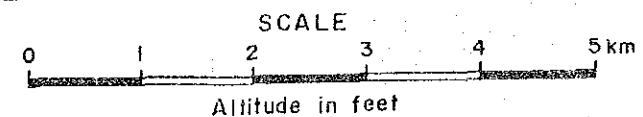
GEOLOGIC AGE	FORMATION	SYMBOL	DESCRIPTION & LITHOLOGY
RECENT	ALLUVIUM		River and swamp alluvium, colluvium. Mainly sand, silt and clay.
LOWER CRETACEOUS	TEBAK FORMATION		Massive cross-bedded sandstone with intercalations of mudstone and grit.
TRIASSIC	LENGGOR GRANITE		Adamellite, granite, granodiorite 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		

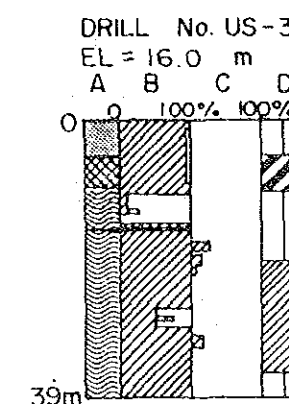
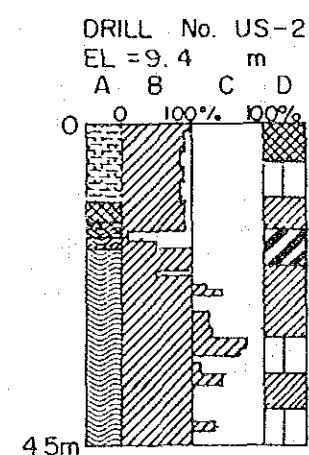
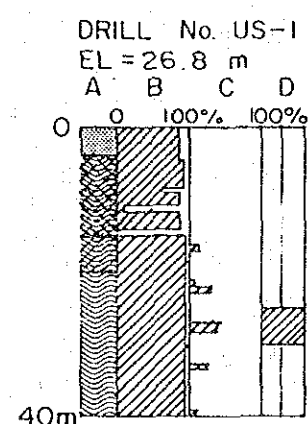
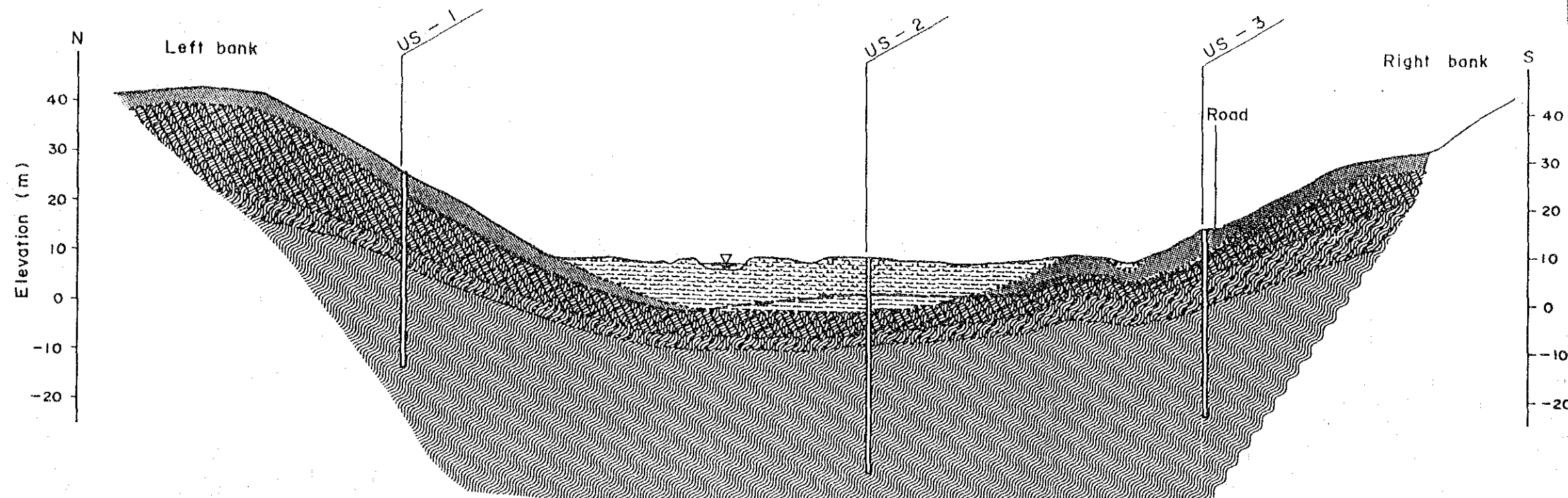


(After the geological map prepared by G.S. D)

Geological Map of the Proposed Sedili Reservoir Area



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SCALE (in horizontal)
0 100m

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

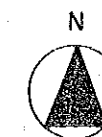
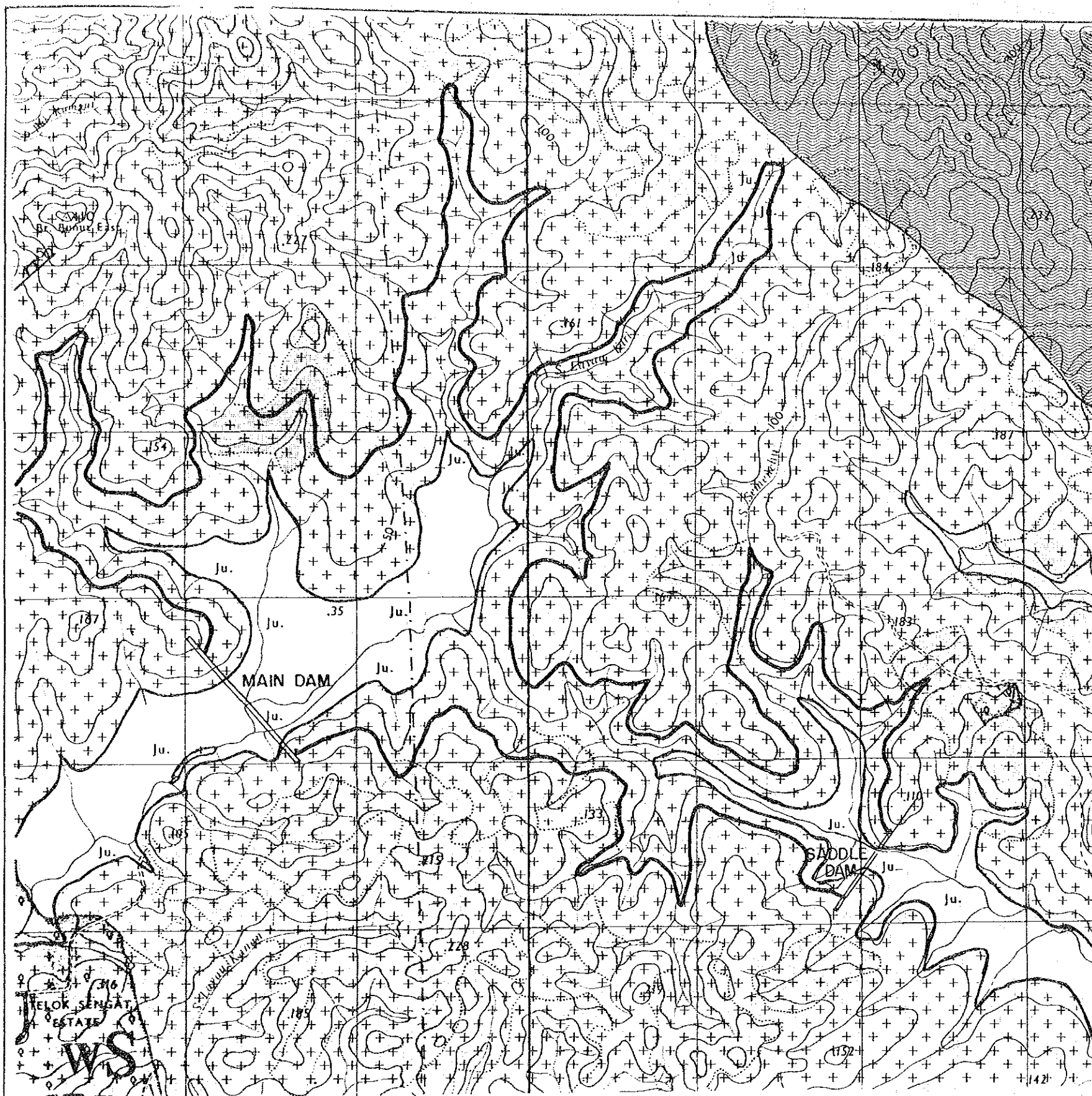
B: Core Recovery (%)

C: Rock Quality Designation (%)

D: Permeability in Lugeon Unit (Lu)

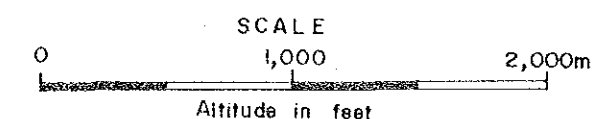
- $Lu \leq 5$
- $5 < Lu \leq 20$
- $20 < Lu \leq 40$
- $40 < Lu \leq 100$
- $100 < Lu$

Geologic Profile of the Proposed Sedili Damsite



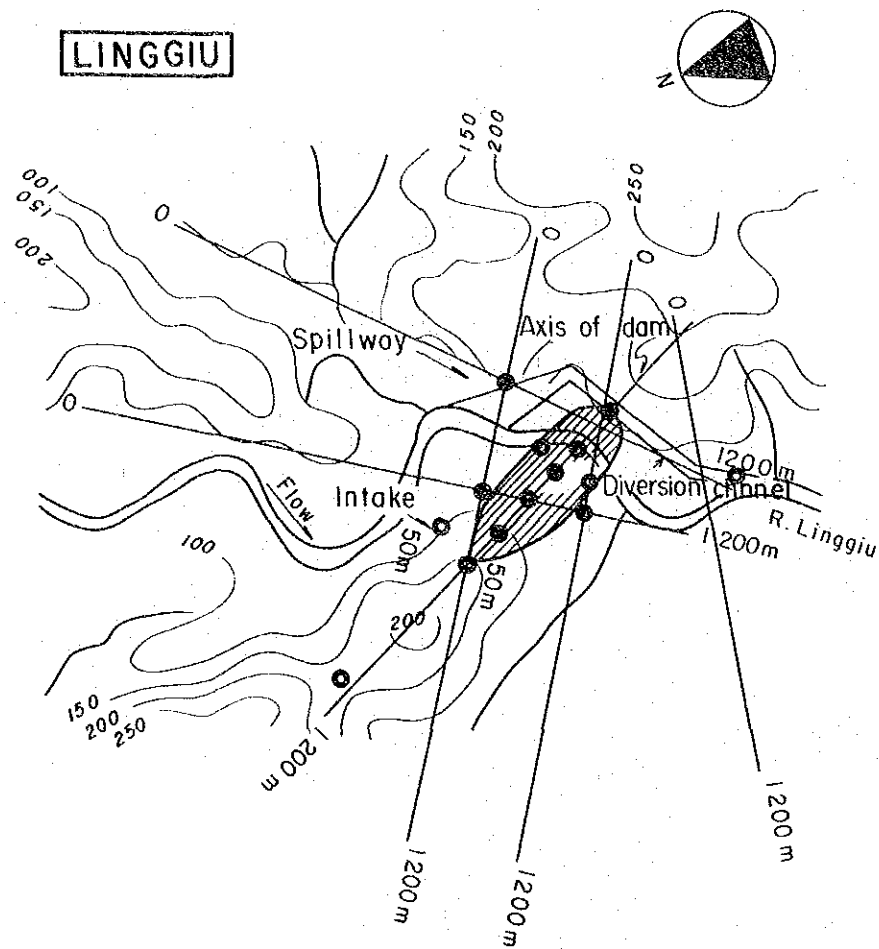
LEGEND

GEOLOGIC AGE	FORMATION	SYMBOL	DESCRIPTION
RECENT	ALLUVIUM		River and swamp. Mainly sand, silt and clay with gravel.
TRIASSIC	JOHOR LAMA GRANITE		Porphyritic and non porphyritic biotite granite
PERMIAN	MERSING GROUP		Phyllite, metaquartzite and siltstone, hornfels
Boundary of Formation Inferred fault Strike and dip of Bedding Strike and dip of Joint Strike and dip of Foliation			Reservoir Area

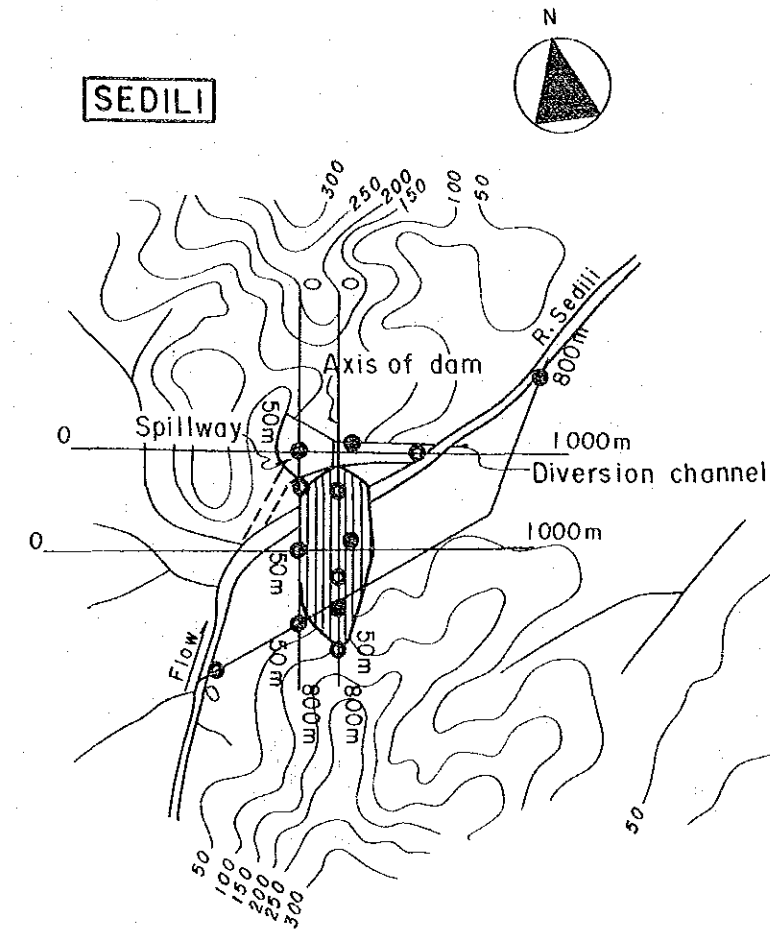


Geological Map of the Proposed Layau Kiri Reservoir Area

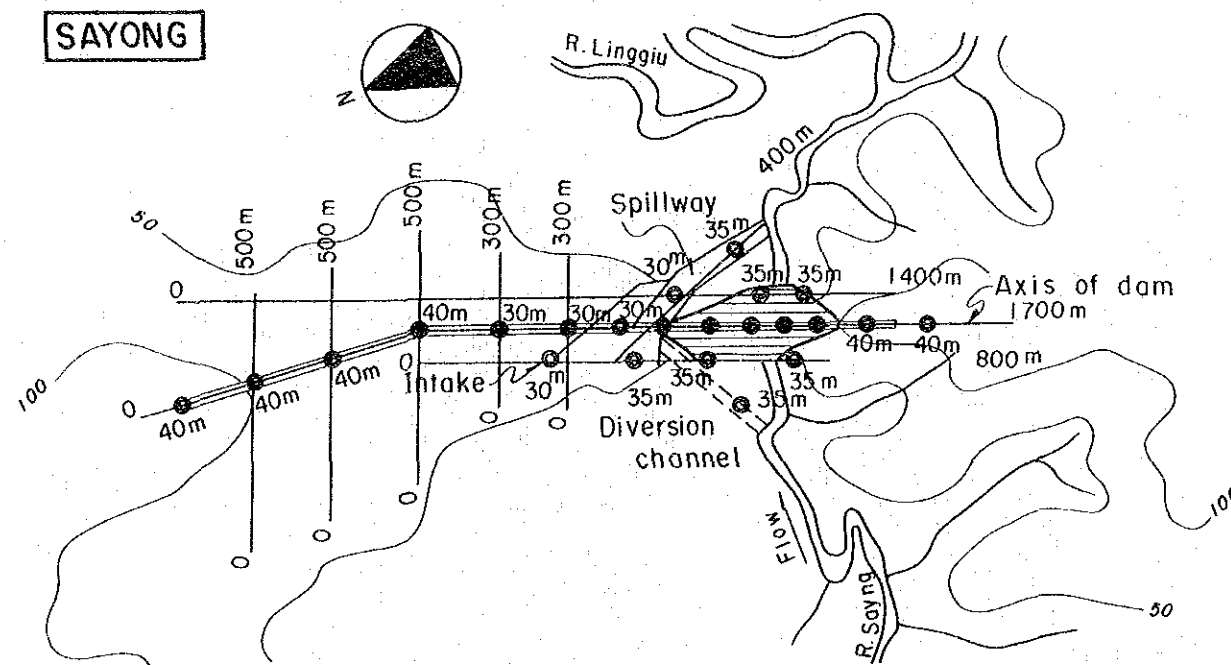
LINGGIU



SEDILI



SAYONG



LEGEND

- Proposed Drill Hole
- Performed Drill Hole
- 0 800m Proposed Seismic Exploration Line

SCALE



Future Investigation Plan Map of
Linggiu, Sayong and Sedili Dam site

APPENDIX











LIST OF DRAWINGS FOR DRILL LOG

A 1	Explanation of drill log column	
A 2	Drill log of Linggiu damsite,	Hole No. LG-1
A 3	Drill log of Linggiu damsite,	Hole No. LG-1
A 4	Drill log of Linggiu damsite,	Hole No. LG-2
A 5	Drill log of Linggiu damsite,	Hole No. LG-2
A 6	Drill log of Linggiu damsite,	Hole No. LG-3
A 7	Drill log of Linggiu damsite,	Hole No. LG-3
A 8	Drill log of Sayong damsite,	Hole No. SY-1
A 9	Drill log of Sayong damsite,	Hole No. SY-1
A 10	Drill log of Sayong damsite,	Hole No. SY-2
A 11	Drill log of Sayong damsite,	Hole No. SY-3
A 12	Drill log of Sayong damsite,	Hole No. SY-3
A 13	Drill log of Sayong damsite,	Hole No. SY-4
A 14	Drill log of Sayong damsite,	Hole No. SY-5
A 15	Drill log of Sayong damsite,	Hole No. SY-5
A 16	Drill log of Sedili damsite,	Hole No. US-1
A 17	Drill log of Sedili damsite,	Hole No. US-1
A 18	Drill log of Sedili damsite,	Hole No. US-2
A 19	Drill log of Sedili damsite,	Hole No. US-2
A 20	Drill log of Sedili damsite,	Hole No. US-3
A 21	Drill log of Sedili damsite,	Hole No. US-3





Fig. A 1

Explanation of Drill Log Column

A Column Section

	Clay
	Silt
	Sand
	Silty CLAY
	Clayey SILT
	Silty SAND
	Gravelly SAND
	Phyllite
	Rhyolite and Tuff
	Granite

B Core Recovery (5) and Section

	Cylindric Core
	Fractured Core
	Fractured and Slinitic Core
	Clayey Core

C R.Q.D. = Rock Quality Designation (%)
 (Total length of cylindric cores longer than 10cm) /
 (Total core length) x 100%

D Water Pressure Tests

Lu Lugeon Value : litre/min/m under injection water
 pressure of 10 kg/cm²

K Permeability coefficient

E Standard Penetration Tests

Blows No/30cm Penetrated

50 Blows No./Penetrated Length (cm)

Fig. A 2

DRILL LOG

HOLE NO. LG-1 SHEET NO. 1 OF 2

PROJECT		REGIONAL WATER RESOURCES STUDY OF S. JOHORE - CORE DRILLING				DEPTH	50 metres	ELEVATION			
SITE		Linggau		COORDINATE		INCLINATION	Vertical	DRILL RIG: Koken OE-2L			
AVERAGE CORE RECOVERY		DATE		FROM 22-11-84 TO 11-12-84		DRILLED	Ramly	LOGGED K. Y. Wong			
DATE	DEPTH	ELEVATION	ROCK TYPE OR FORMATION	COLUMN SECTION	DESCRIPTION	R.T. DIAMETER	GROUNDWATER LEVEL	CORE RECOVERY	R. Q. D.	WATER PRESSURE TEST LUKEON VALUE AND STANDARD PENETRATION TEST	DEPTH
	0					65 mm	Time: 0800 hr.	100			0
					Very stiff, brown, silty CLAY with fine gravel			18		Q16/30	
22	250		TOP SOIL					55		Q18/30	
	350		SOIL		Hard, reddish brown, silty CLAY with fine gravel		3-00 m.	28		SPT Plot	
	400						10 Dec.	55		50/15	
								15			
								85			
23	500				Hard, yellowish brown with mottled white, silty CLAY with gravel		500 m.	18		Lu=334 K=2.8x10 ⁻³	
							25 Nov.	70		50/15	
								118		50/10	
								0		50/10	
24					Completely weathered, brown, rhyolite at 4m to 5m B.G.L.		6-50 m.	17		50/13	
							26 Nov.	13		50/14	
	818							10		50/14	
								24			
			RESIDUAL SOIL				8-50 m.	18		Lu=98 K=1.1x10 ⁻³	
							27 & 28 Nov.	0		50/3	
								14		50/14	
								42			
								16		50/14	
	1050						11-00 m.	50		50/10	
25					Hard, dark brown, silty CLAY with fine sandy gravel		11 Dec.	10		50/10	
								90		50/7	
							12-50 m.	7		Lu=63 K=6.3x10 ⁻⁴	
	1306				Completely weathered, brown, rhyolite at 11.4m B.G.L.		29 Nov.	67		50/6	
								6		50/8	
			RESIDUAL SOIL					68		50/5	
	1505							8			
	1570							67			
								50			
			RHYOLITE		(Completely weathered : D)			50			
	1650		CLAY		Very weak, brown, partly clayey structure, RHYOLITE (Completely weathered : D)		18-49 m.	36		Lu=54 K=7.2x10 ⁻⁴	
27			RHYOLITE				30 Nov.	72			
	1800		CLAY					0			
	2000						20-00 m.				
28					Weak to moderately strong, wholly discoloured with shades of yellow, brown and pink, blocky angular fractured, brecciated RHYOLITE		1 Dec.	100			
								110			
	2345							95		Lu=54 K=7.2x10 ⁻⁴	
								35			
								35			
								74	15%		
								98		Lu=28 K=3.7x10 ⁻⁴	
								100			
	2915		RHYOLITE		(Highly to moderately weathered : C _M -C _L , Partly D)			100			
30											

HOLE NO. LG-1

* R.Q.D. is Rock Quality Designation. R.Q.D. = Total length of cylinder cores longer than 10 cm. Total core length x 100%
 * LUKEON VALUE is 1 cm of water injection water pressure of 10 kg/cm²
 * DEPTH and ELEVATION are in meter
 * DIAMETER is in millimeter

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Fig. A 3

DRILL LOG

HOLE NO. LG-1 SHEET NO. 2 OF 2

PROJECT		REGIONAL WATER RESOURCES STUDY OF S. JOHORE - CORE DRILLING					DEPTH	50 metres	ELEVATION			
SITE		Linggjo		COORDINATE		:	:	INCLINATION	Vertical	DRILL RIG	Koken OE-2L	
AVERAGE CORE RECOVERY		DATE		FROM 22-11-84 TO 11-12-84		DRILLED		Ramly	LOGGED	K.Y. Wong		
DATE	DEPTH	ELEVATION	ROCK TYPE OR FORMATION	COLUMN SECTION	DESCRIPTION	BIT DIAMETER	GROUNDWATER LEVEL	CORE RECOVERY	R. Q. D.	WATER PRESSURE TEST LUGEON VALUE		
								%				
30	30-30		SHEARED ZONE	RHYOLITE	Very weak, wholly discoloured, gravelly fractured, brecciated RHYOLITE	65 mm		30		Lu=30		
					(Completely to highly weathered : D-C _L)				50		K=4.0x10 ⁻⁴	
30									40			
	34-70								0			
	35-50		RHYOLITE	RHYOLITE	Weak to moderately strong, wholly discoloured with shades of light grey, light pink and reddish brown stained, gravelly fractured, brecciated RHYOLITE			20				
					(Highly weathered : C _L)				49	24%		
1									80		Lu=28	
									50		K=3.7x10 ⁻⁴	
			SHEARED ZONE	RHYOLITE	(Completely to highly weathered : D-C _L)			60				
	40-00								38			
3							Weak to moderately strong, wholly discoloured with shades of light grey, light pink and reddish brown stained, blocky angular to gravelly fractured, brecciated RHYOLITE		30			
	42-00						(Highly to moderately weathered : C _M -C _L)		50			
			RHYOLITE	RHYOLITE				50				
10	45-00								55			
									105			
	47-00								92			
11								50				
								100				
								50				
								150				
					END OF BOREHOLE - 50 m.							
					Note ; Drilling stopped at 45m. and extended to 50m.							

* R.Q.D. is Rock Quality Designation. R.Q.D. = Total length of cylinder cores longer than 10 cm / Total core length x 100 %
 * LUGEON VALUE is 1 min. in under increasing water pressure of 10 kg/cm.
 * DEPTH and ELEVATION are in meter.
 * DIAMETER is in millimeter.

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HOLE NO.

LG-1

Fig. A 4

DRILL LOG

HOLE NO. LG-2 SHEET NO. 1 OF 2

PROJECT		REGIONAL WATER RESOURCES STUDY OF S. JOHORE - CORE DRILLING				DEPTH	42 metres	ELEVATION			
SITE		Linggiu		COORDINATE		INCLINATION	Vertical	DRILL RIG	Koken OE-2L		
AVERAGE CORE RECOVERY				DATE FROM 5-12-84 TO 17-12-84		DRILLED	Salleh	LOGGED	K. Y. Wong		
DATE	DEPTH	ELEVATION	ROCK TYPE OR FORMATION	COLUMN SECTION	DESCRIPTION	BIT DIAMETER	WATER LEVEL	CORE RECOVERY	R. Q. D.	WATER PRESSURE TEST LUKEON VALUE AND STANOARD PENETRATION TEST	DEPTH
	0					65mm	Time: 0800hr.	100		Lu=55 K=7.4x10 ⁻⁴	0
	3.00		SOIL		Very loose, light brown, silty SAND		Average for 5 days 3.00m.	21		50/30	
5	4.00		ALLUVIAL		Loose, yellowish grey, medium to coarse SAND, little gravel		4.00m.	55		50/30	
	7.45		ALLUVIAL		Medium dense, yellowish grey, medium to coarse SAND, little gravel		6.8 Dec.	30		50/30	
	8.30		ALLUVIAL					55		50/30	
6	10.00		RESIDUAL SOIL		Hard, yellowish brown, silty CLAY, some sandy gravel			20		50/30	
	12.00		RHYOLITIC TUFF		Hard, light greyish, flour structure, rhyolitic TUFF, with rhyolite fragments (Completely weathered : D)			12		50/30	
7	12.50							55		50/20	
	14.13							14		50/15	
8	15.13							50		50/13	
	18.06				Hard, light greyish, clayey silty SAND, some fragments of rhyolite			12		50/13	
	22.50		RHYOLITIC TUFF		(Completely to highly weathered : D-C _L)			87		50/12	
14	24.00		RHYOLITE		Hard, light greyish, RHYOLITE (boulder?) (C _L)			12		50/11	
	25.10		RHYOLITIC TUFF		Light greyish, clayey silty SAND (Sandstone in origin, intrusion received) (D-C _L)			8		50/9	
	25.90		RHYOLITE		Reddish brown and light pinkish, brecciated RHYOLITE (Completely to highly weathered : D-C _L)			86		50/8	
	27.00		RHYOLITE					7		50/7	
	27.90		RHYOLITIC TUFF		Light grayish, clayey silty SAND (By fractured fault-sandstone in origin) (D-C _L)			91		50/6	
								6		50/5	
								94		50/13	
								15		50/10	
								85		50/11	
								10		50/11	
								90		50/11	
								8		50/11	
								89		50/11	
								10		50/11	
								49		50/5	
								5		50/1	
								95			
								0			
								100			
								60			
								100			
								115			
								150			

HOLE NO.

LG-2

LOG FORM B

* R.Q.D is Rock Quality Designation. R.Q.D = Total length of continuous cores longer than 10 cm / Total core length x 100%

* LUKEON VALUE is 1 mm in under injection water pressure of 10kg/cm²

* DEPTH and ELEVATION are in meter

* DIAMETER is in millimeter

NIPPON KOEI CO., LTD.
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Fig. A 5

DRILL LOG

HOLE NO. LG-2 SHEET NO. 2 OF 2

PROJECT REGIONAL WATER RESOURCES STUDY OF S. JOHORE - CORE DRILLING				DEPTH	42 metres		ELEVATION				
SITE		Linggiu		COORDINATE				INCLINATION	Vertical	DRILL RIG	Kpken OE-2L
AVERAGE CORE RECOVERY				DATE		FROM 5-12-84 TO 17-12-84		DRILLED	Salleh	LOGGED	K.Y.Wong
DATE	DEPTH	ELEVATION	ROCK TYPE OR FORMATION	COLUMN SECTION	DESCRIPTION	BIT DIAMETER	GROUNDWATER LEVEL	CORE RECOVERY	R. Q. D.	WATER PRESSURE TEST LUGEON VALUE	
						65mm		%			
15	33.0		RHYOLITIC TUFF		Light greyish, clayey silty SAND [Sand is after fractured by faulting]			150			
16	33.5				(Completely to highly weathered : D-C _L)			50			
35	35.5							50			
17	39.7		RHYOLITE		Weak to moderately strong, shades of light grey, yellow and reddish brown stained, gravelly fractured, brecciated RHYOLITE, partly cemented by rhyolitic tuff			34			
40			RHYOLITE		(Completely to highly weathered : D-C _L)			45			
42					Weak, light grayish, gravelly fractured, brecciated RHYOLITE, cemented by rhyolitic tuff (D-C _L)			70			
					END OF BOREHOLE - 42m.			30			
								0			

* R.Q.D. is Rock Quality Designation. R.Q.D. = Total length of solid core pieces longer than 10 cm / Total core length. x 100%
 * LUGEON VALUE is 1 mm in under injection water pressure of 10kg/cm.
 * DEPTH and ELEVATION are in meter.
 * DIAMETER is in millimeter.

NIPPON KOEI CO., LTD.
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HOLE NO. LG-2

Fig. A 6

DRILL LOG

HOLE NO. LG-3 SHEET NO. 1 OF 2

PROJECT		REGIONAL WATER RESOURCES STUDY OF S. JOHORE - CORE DRILLING					DEPTH	45.5 metres		ELEVATION	
SITE		LINGGIU		COORDINATE		INCLINATION		Vertical		DRILL RIG	KOKEN OE-2L
AVERAGE CORE RECOVERY		DATE		FROM 22-0-84 TO 2-12-84		DRILLED		M. Salleh		LOGGED	K. Y. Wong
DATE	DEPTH	ELEVATION	ROCK TYPE OR FORMATION	COLUMN SECTION	DESCRIPTION	BIT DIAMETER	GROUNDWATER LEVEL	CORE RECOVERY	R. Q. D.	WATER PRESSURE TEST LUGEON VALUE AND STANDARD PENETRATION TEST	
	0					65mm	Time: 0800 hr.	100			
					Medium stiff, dark brown, Silty CLAY		1-50 m. 25 Nov.	20		8/30	
								55		7/30	
								114	Lu=108 K=1.3x10 ⁻³		
								55		6/30	
	4.00		SOIL					20			
								55		2/30	
								23			
								55		10/30	
	5.45		RESIDUAL SOIL		Stiff, reddish brown, Silty CLAY			15			
								55		13/30	
	6.50		RESIDUAL SOIL				6-80 m. 27 Nov.	24	Lu=71 K=8.9x10 ⁻⁴		
								55		21/30	
								114			
							8-00 m. 30 Nov.	25		27/30	
								55			
	9.00		RESIDUAL SOIL		Very stiff, light yellowish with mottled white, silty CLAY		28 Nov. 9-60 m.	26		14/30	
								55			
	10.00							23		50/8	
	10.50				Hard, light yellowish with mottled white, silty CLAY, some sandy gravel (Completely to highly weathered : D - C _L)		10-30 m. 28 Nov.	27		50/7	
								7		40/12	
								25			
							1 Dec. 12-70 m.	10	Lu=53 K=7.1x10 ⁻⁴	50/6	
								39			
								5		40/13	
							13-00 m. 29 Nov.	40			
								11			
	15.00		WEATHERED RHYOLITE					37		50/12	
								10			
	15.12							68			
								100			
	17.00				Hard, reddish brown with mottled white, silty CLAY, some sandy gravel (Completely to highly weathered : D - C _L)			13	Lu=67 K=9.0x10 ⁻⁴		
								50			
								50			
								100			
	21.00		CLAY					60			
								50			
	22.00							7			
								50			
			RHYOLITE					12	Lu=81 K=1.0x10 ⁻³		
	23.00							30			
								30			
	25.50				Very weak, wholly discoloured with shades of pink, yellow and grey, gravely fractured, brecciated RHYOLITE (Highly weathered: C _L)			50	Lu=53 K=7.1x10 ⁻⁴		
								58			
	27.00		RHYOLITE					88		40%	
								150		87%	
	27.80		RHYOLITE		Moderately strong to strong, pinkish and grey, partly reddish brown stained, slightly fractured RHYOLITE (Moderately weathered: C _M)						
			RHYOLITE								

LOG FORM B

HOLE NO. LG-3

- * R.Q.D is Rock Quality Designation. R.Q.D = Total length of cylindrical cores longer than 10 cm / Total core length x 100%
- * LUGEON VALUE is 1 mm in under injection water pressure of 10kg/cm²
- * DEPTH and ELEVATION are in meter
- * DIAMETER is in millimeter

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Fig. A 7

DRILL LOG

HOLE NO. LG-3 SHEET NO. 2 OF 2

PROJECT REGIONAL WATER RESOURCES STUDY OF S. JOHORE - CORE DRILLING						DEPTH	45.5 metres		ELEVATION		
SITE		LINGGIU		COORDINATE		INCLINATION	Vertical	DRILL RIG	KOKEN OE-2L		
AVERAGE CORE RECOVERY		DATE		FROM 22-11-84 TO 2-12-84		DRILLED	M. Salleh	LOGGED	K.Y. Wong		
DATE	DEPTH	ELEVATION	ROCK TYPE OR FORMATION	COLUMN SECTION	DESCRIPTION	RECOVERY	DIAMETER	BOUNDARY LEVEL	CORE RECOVERY	R. Q. D.	WATER PRESSURE TEST LUGEON VALUE
29	30		RHYOLITE		(C _M - C _L)	65mm					
	31-00										
	31-50				Moderately weak, light greyish, gravelly fractured partly friable, brecciated RHYOLITE						
30	33-80		RHYOLITE		(Highly to moderately weathered: C _M - C _L)						
	35-00				Moderately weak, yellowish to reddish brown, gravelly fractured, RHYOLITE						
	38-70		RHYOLITE		(C _M - C _L)						
	40-00				Moderately strong to strong, light pinkish and grey, partly reddish brown stained, slightly fractured, RHYOLITE						
	42-50		RHYOLITE		Light grey rhyolitic tuff inclusion at 41.2 to 41.7m b.g.l. (Moderately weathered: C _M)						
2	45-50		RHYOLITE		Moderately weak, light greyish, gravelly fractured brecciated RHYOLITE (C _M - C _L)						
					END OF BOREHOLE 45.5m.						

HOLE NO. LG-3

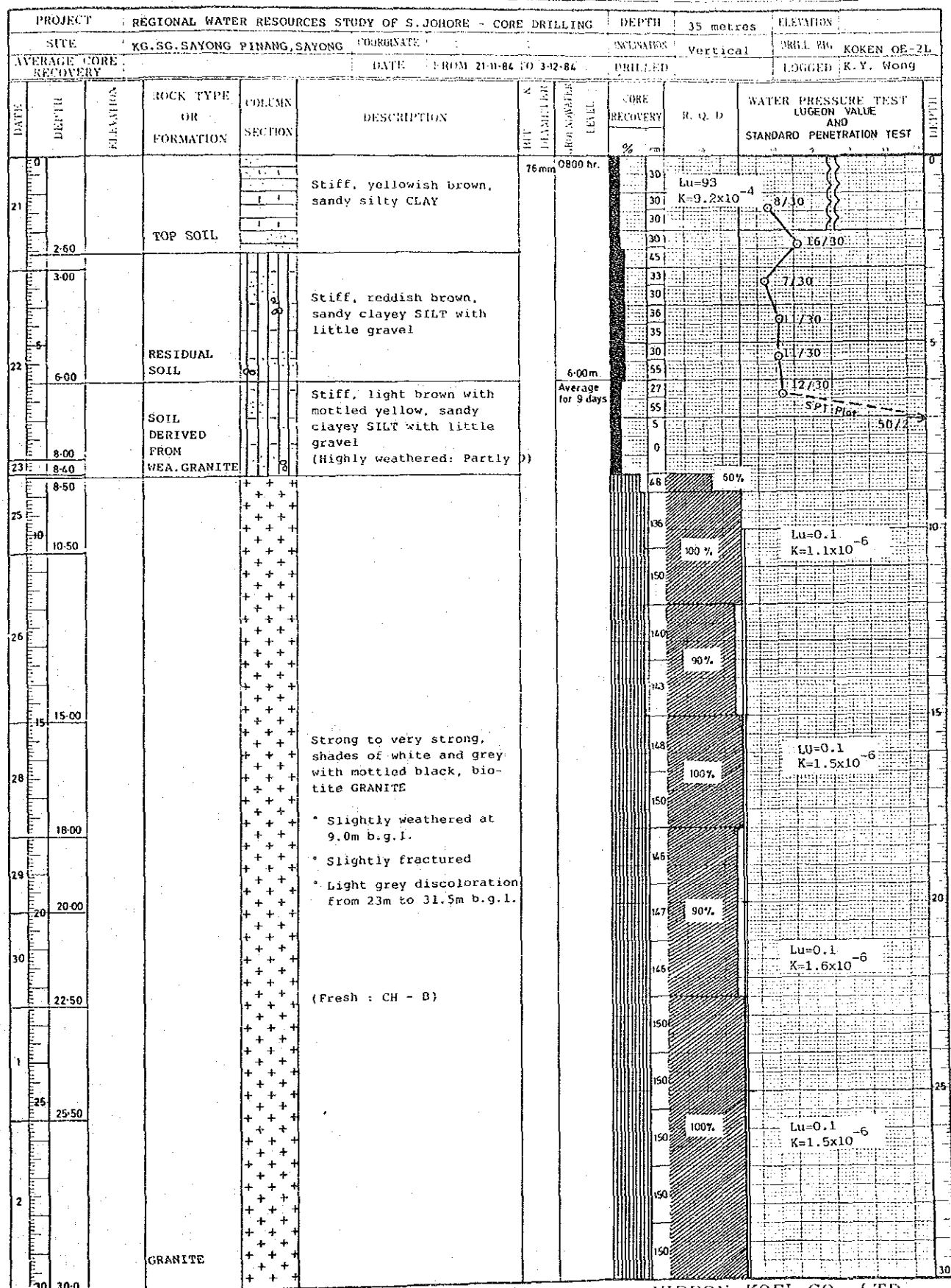
*R.Q.D. is Rock Quality Designation: R.Q.D. = Total length of cylinder cores longer than 10 cm / Total core length x 100%
 *STANDARD: 4.75 mm in water injection water pressure of 101.3 cm
 *DEPTH and ELEVATION are in meter
 *DIAMETER is in millimeter

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Fig. A 8

DRILL LOG

HOLE NO. SY-1 SHEET NO. 1 OF 2



DRILL LOG

HOLE NO. SY-1 SHEET NO. 2 OF 2

HOI,E NO. SY-1

*R.L.Q.D. is Race Quality Designation. R.L.Q. = Total length of cylinder once longer than 10 cm. Total once length = 160"
 *R.L.G.L. VALUE is a mm in under insect on water pressure of 100 g cm
 *DEPTH and ELEVATION are in meter
 *DIAMETER is in millimeter

DRILL LOG

HOLE NO. SY-2 SHEET NO. 1 OF 1

LOG FORM BSY-2
HOLJE NO.

*CORED LENGTH is Total length of cylindrical cores, longer than 10 cm. Total core length = 100%
 *ELEVATION VALUE is 1 mm in under injection water pressure of 10kg/cm²
 *COREPTH and ELEVATION are in meter
 *DIAMETER is in millimeter

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