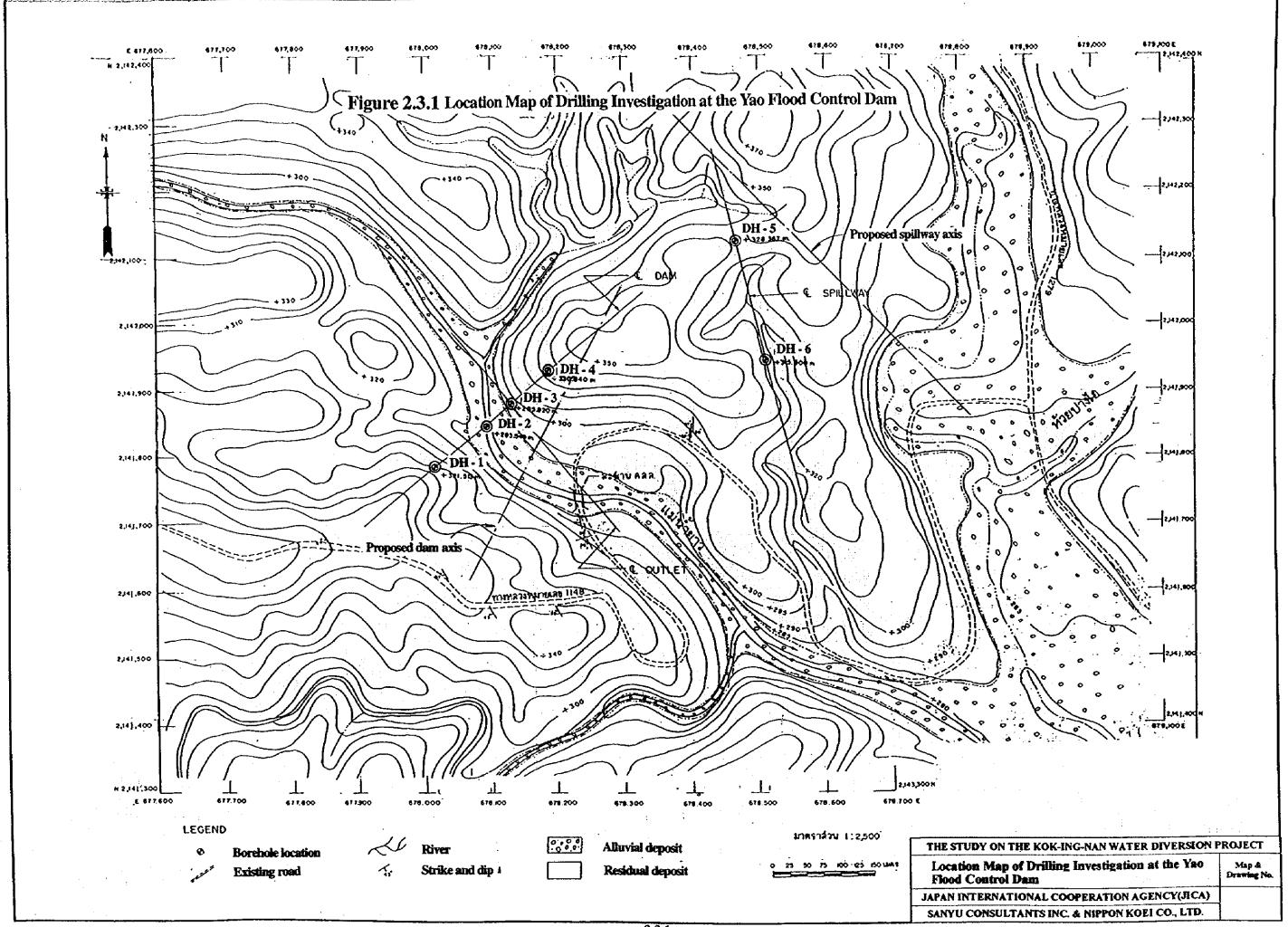
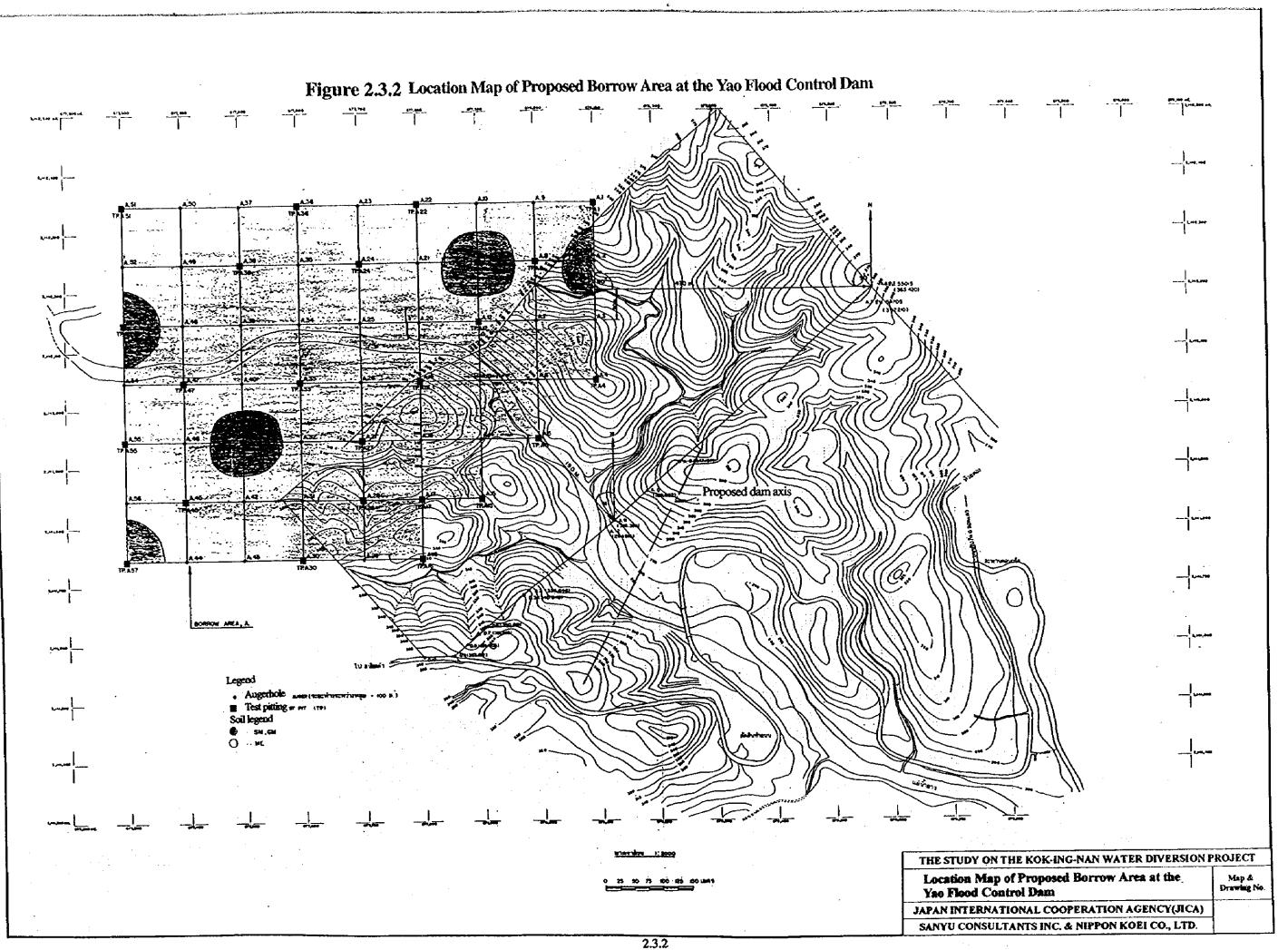
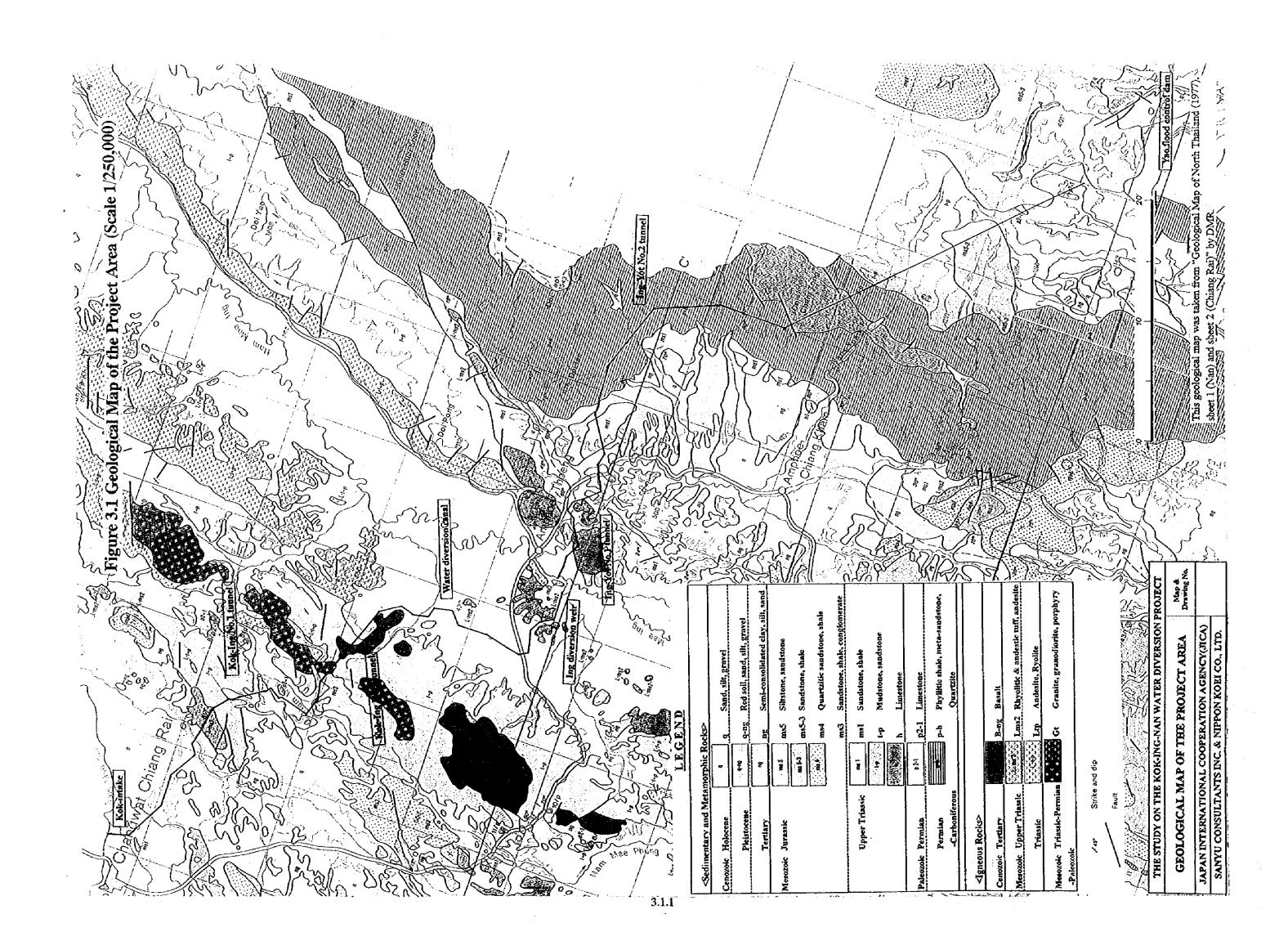
### 2.3. Location Map of Geological Investigation (Yao Flood Control Dam)





## 3. Geological Map

## 3.1. Geological Map of the Project Area (Scale 1/250,000)





# 3.2. Geological Map of the Project Area (Scale 1/50,000)





Figure	3.2.1	Legend of	Geological Map	
0			a rendering the training	

.

Geological Age	Formation	Acronym of map	Symbol	Rock Facies	DMR geological map
Holocene Alluvial deposit Flood plain deposit		Qa		River gravel,Sand and Clay	Qa
		Qf		Unconsolidted Sand, Silt and Gravel	Qf
Pleistocene	Terrace deposit	Qt		Unconsolidted red soil, Sand, Silt and Gravel Qt	
Tertiary	Huai Sieo	Ths		Semiconsolidated clay, Silt with Sandstone	ng
Jurassic	Mae Tam	Jmt	· · · · · · · · · · · · · · · · · · ·	Shate, Sandstone	ms5
	ms 5-3	ms5-3		Tuff, Shale and Sandstone	ms5-3
	Phu Kham	Jpk		Quartzitic sandstone,Shale	ms4
	ms 3-5	ms3-5		Sandstone, Shale, Tuff	ms3-5
	Na Ngan	Jnn		Sandstone, Shale, Conglomerate	ms3
	ms 3	ms3		Conglomerate, Sandstone	ms1
Middle-Upper	Doi Pong Nok	TRpn		Sandstone, Shale, Tuff and Lapilly Tuff	msl
Triassic	Pa Lae	TRpl		Limestone	h,p2-1
	Huai Fak	TRhf		Sandstone, Tuff interbedded with Shale	t-p
Triassic-Permian	PTR	PTR		Sandstone, Shale and Tuff	t-p
Permian	Р3	P3		Sandstone, Shale, Slate, Tuff and Limestone	t-p
	P2	P2		Limestone	p2-1
Permian-	Huai Krai	CPhk		Metasandstone interbedded with Slate	p-h
Carboniferous	Nam Bong	CPnb		Slate, Quartzitic interbedded with Sandstone foliated	p-b
	Doi Mun	CPdm		Schist, Phyllite, Slate interbedded with Metasandstone	p-h

#### Igneous Rocks

•

.

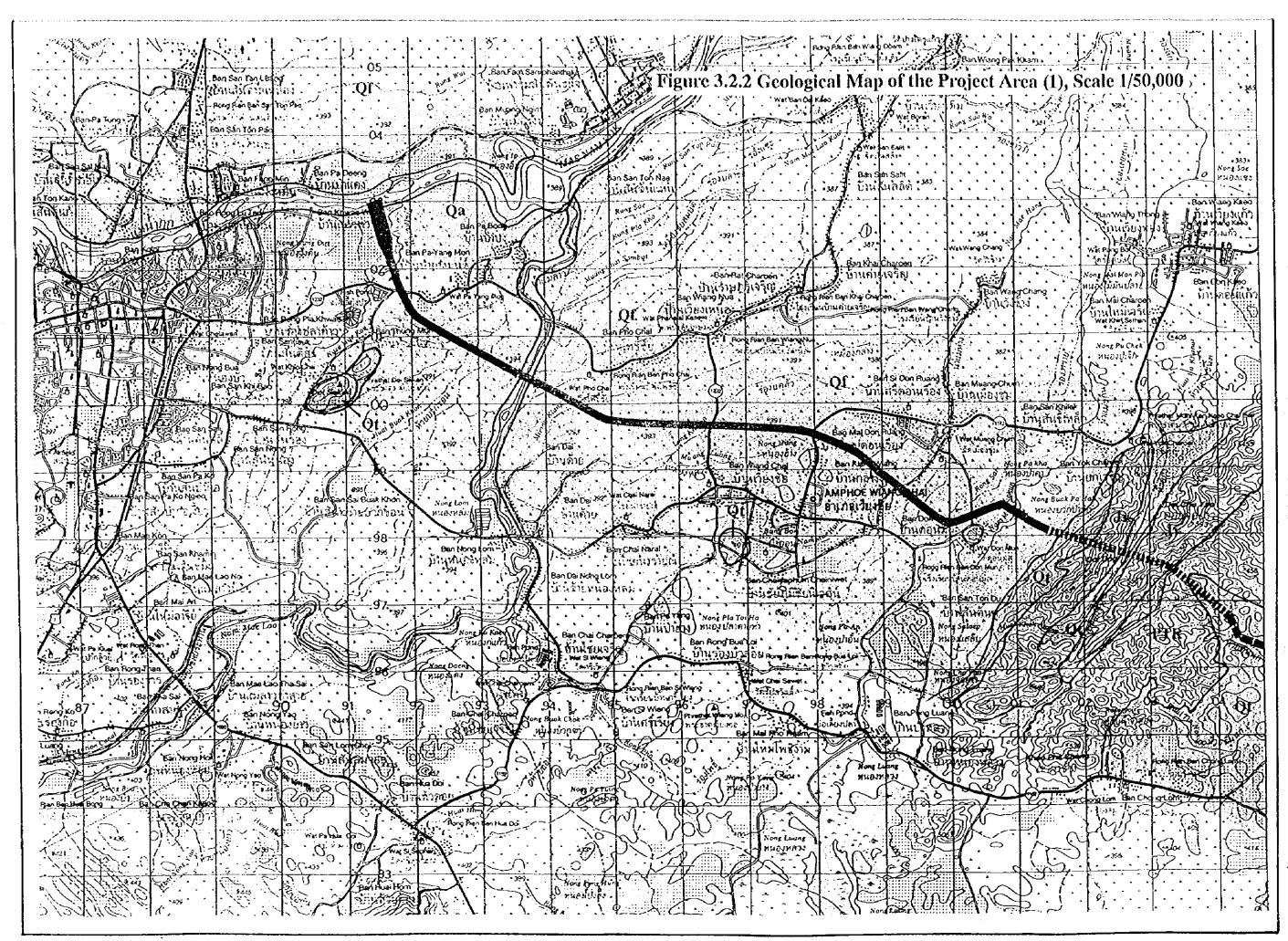
Tertiary	Basait	Bs		Basalt	B-ng
Jurassic	Tuff	Jv,ms <sub>v</sub>		Rhyolite, Tuff	Lms2
	Andesite	an		Andesite	Ltp
	ms2	ms2	· · · · · · · · · · · · · · · · · · ·	Conglomerate, Andesite and Rhyolitic tuff	ms2
Triassic-Permian	PTRv	PTRv	1.1.1.1	Andesite, Rhyolite, Dacite, Tuff and Agglomerate	Lms2
	Granite	PTRgr		Granite, Porphyry, Granite porphyry, Granodiorite porphyry	Gt

1

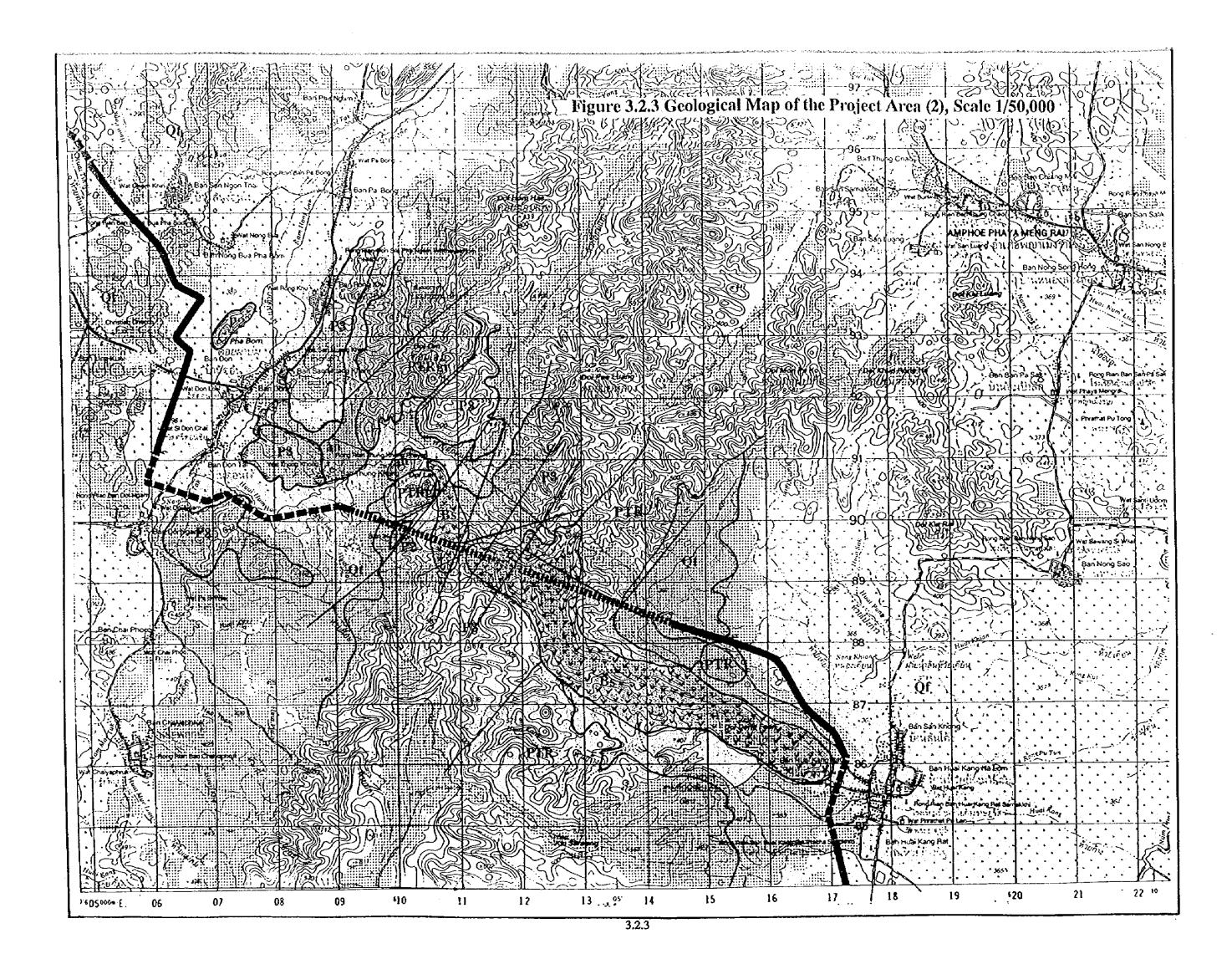
3.2.1

#### Legend

	Tunnel alignment
ويتوقع والمتكرية فسور المرزية	Canal alignment
۲	Borehole location
	Refraction survey
	Reflection survey
Δ	TMB (Time domain electromagnetic
	survey for shallow portion)
	TDEM (Time domain electromagnetic
	survey for deep portion)
Δ	PS (Point sounding)
	Fault line (presumed)



È.



13 co 14 15	16	1 18 19	f20 21		3 24	25 26 · 27
1252			Bลารษาระ ส บ้านสันสะ กด.	Ban San Sai Vg	HAR C	Iap of the Project Are
		San Se - 4 - 1		•	.4 Geological M	lap of the Project Are
and the second se		Ban Mary สาม Word บ้านไม้มา วัยง	11. I I I I I I I I I I I I I I I I I I	Nong New Lucom		10010031003 (C. 364 7744)
Awa fra the to Kaso	C C UTHING			ทนองรุงเหลือน พัวยุไม้ยา	· 365	
		Bandajy		None Sap Ben HUDJIM SAL	Norwaro Sus	
	•Ben Marya Senton	WILLEN Nam Huang	The second second	1 * · 366 * · · · · · · · · · · · · · · · · · ·		
Bong Ray Bag Han Que	Hod Out	Mon Ton	10) ms2			O
Rest Contraction	374				· · · 364 · ·	365
					Ban San Sai Man	
(16) (18) Physican from the second se	376	A1 Qf	5 7700	- 363 ·	sinsin se Mail Her Norg Cha	Bari Fao Suant
		ก Hual Tum Tal มหาวยพื้มได้		* 263	бул. В	
	Bar Huei Tum Nua	- 359	365	369 ·	Store William Nong	
201121	Q Notestation and a surface	at Multion and a second a	Thu A Horp Ann S Service		-Ben Tang Khad	Ban Forg Root
Ban Nga Kat		17. Weiten Yun		A	CS Kers Pro 0	
All and a second se	Ban Nojul Mai		Ben Sewen (115)		A Carl Nacrosse and	Can Ward To
Party Run Bar Novi Har	Ban Sak	Nue Vinder	aduita a			
Ban Don Diero West Don	Ka00 <sup>321</sup>	Pang han Ban Sar Sar C	Criero Hell 300			
	Rong River Ben Don Ding and	Suan Ook		Sent Den Jon Sombur 1949		Ban Rong Kriam Part
States Poro Westernion						Ban Thurp Khari Challó
Rong Ram Bar Neiter	Seen Pa Mun			100 K		
A Contract Total	Place Nam Lom	n		(B02)		
ReirPorg Nie	Weiter	- 210- wulkos			A CHARACTER STATE	
2301 Start Can Prove Klang	Ban Fong Ters Huntplung		N. C. W. OY			IX Constants
	DBon Proro Sen	-327	2013	< j, o.	GA	
Net On The	Aong Rum Gan Pon	12 Sen		~~~~		
the domain and		· · · · · · · · · · · · · · · · · · ·			1	



