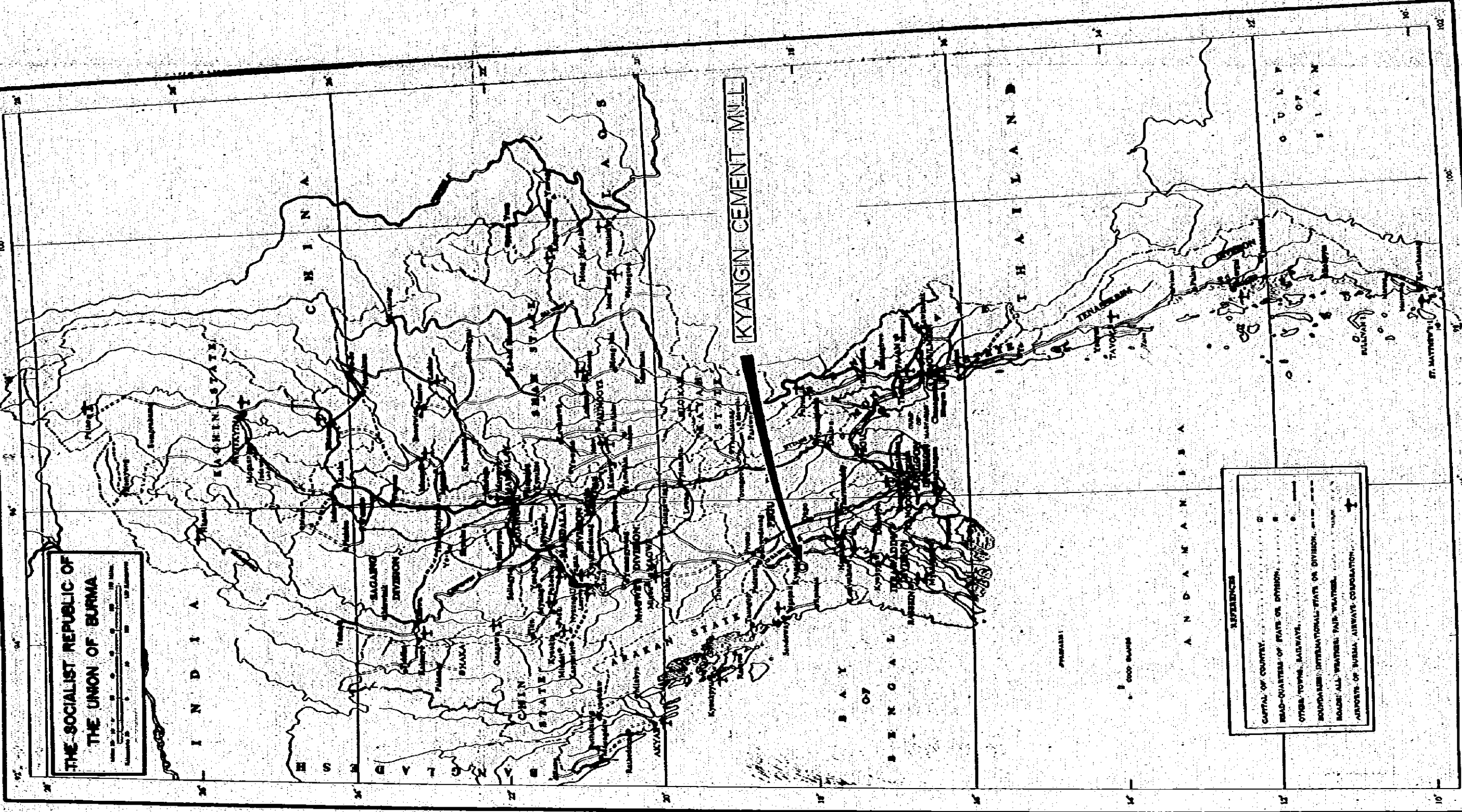


**ATTACHMENT**

ANNEX G-1

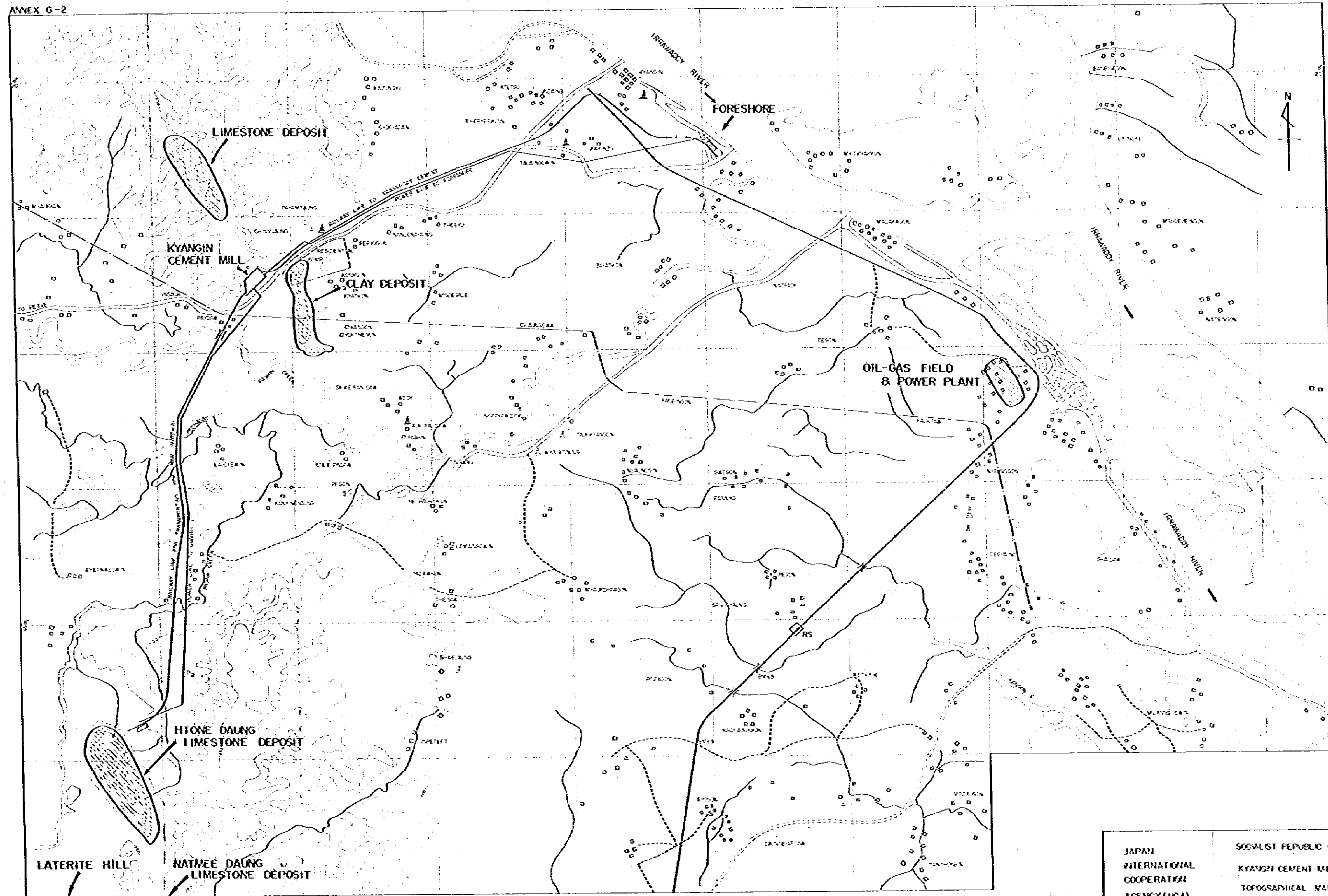
THE SOCIALIST REPUBLIC OF THE UNION OF BURMA



KYANGIN CEMENT MILL

REFERENCE

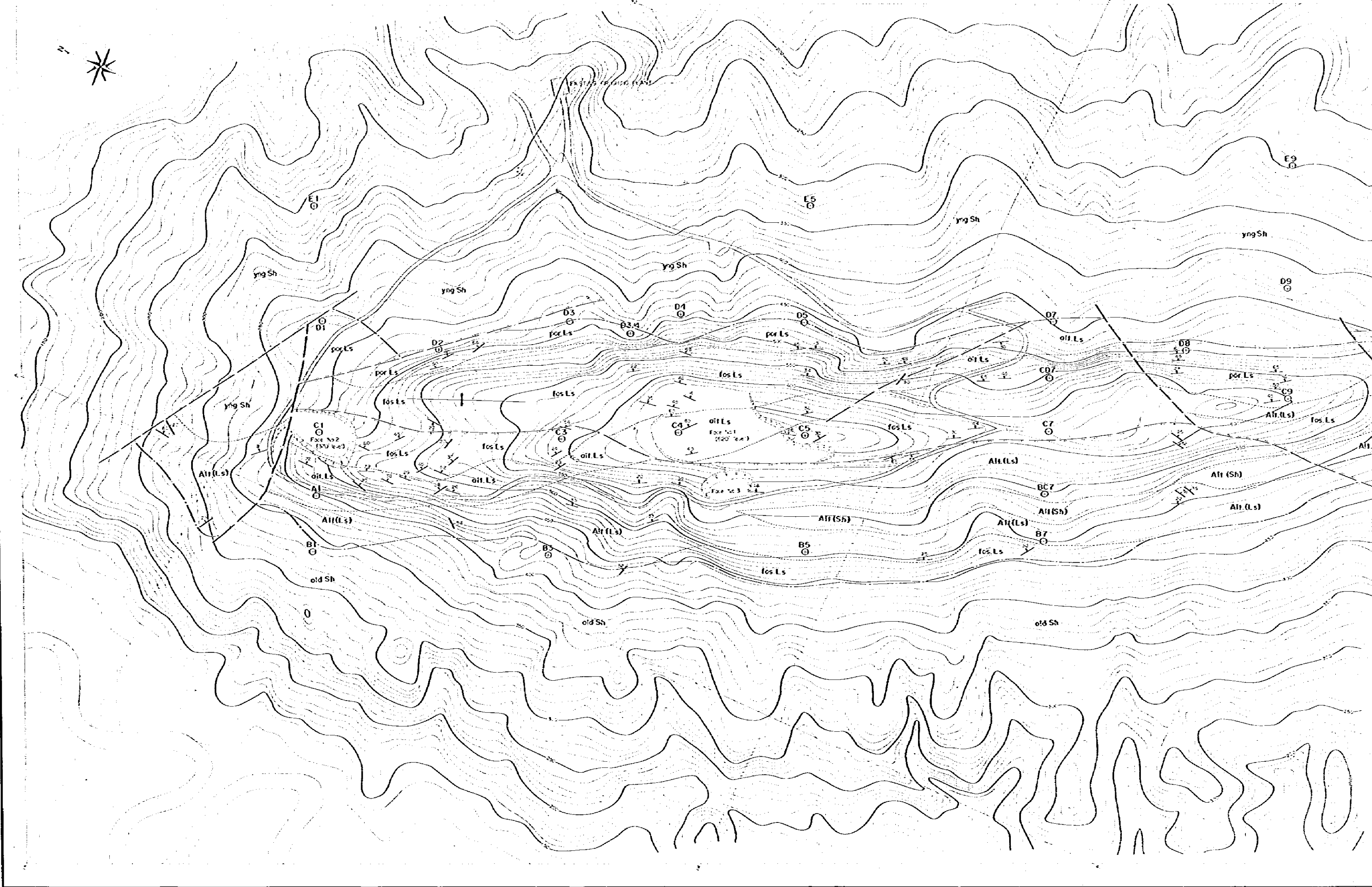
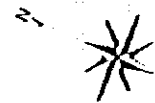
- CAPITAL OF COUNTRY
- HEAD-QUARTERS OF STATE OR DIVISION
- OFFICE TOWNS, RAILWAYS
- BOUNDARIES INTERNATIONAL STATE OR DIVISION
- ROADS: ALL WEATHER, PAIR, UNWEATHER, AIRWAYS
- AIRWAYS OF BURMA, AIRWAYS COLLABORATION



JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF BURMA KYANGIN CEMENT MILL EXPANSION TOPOGRAPHICAL MAP SHOWING HTON DAUNG - KYANGIN MYANSUNG
--	--

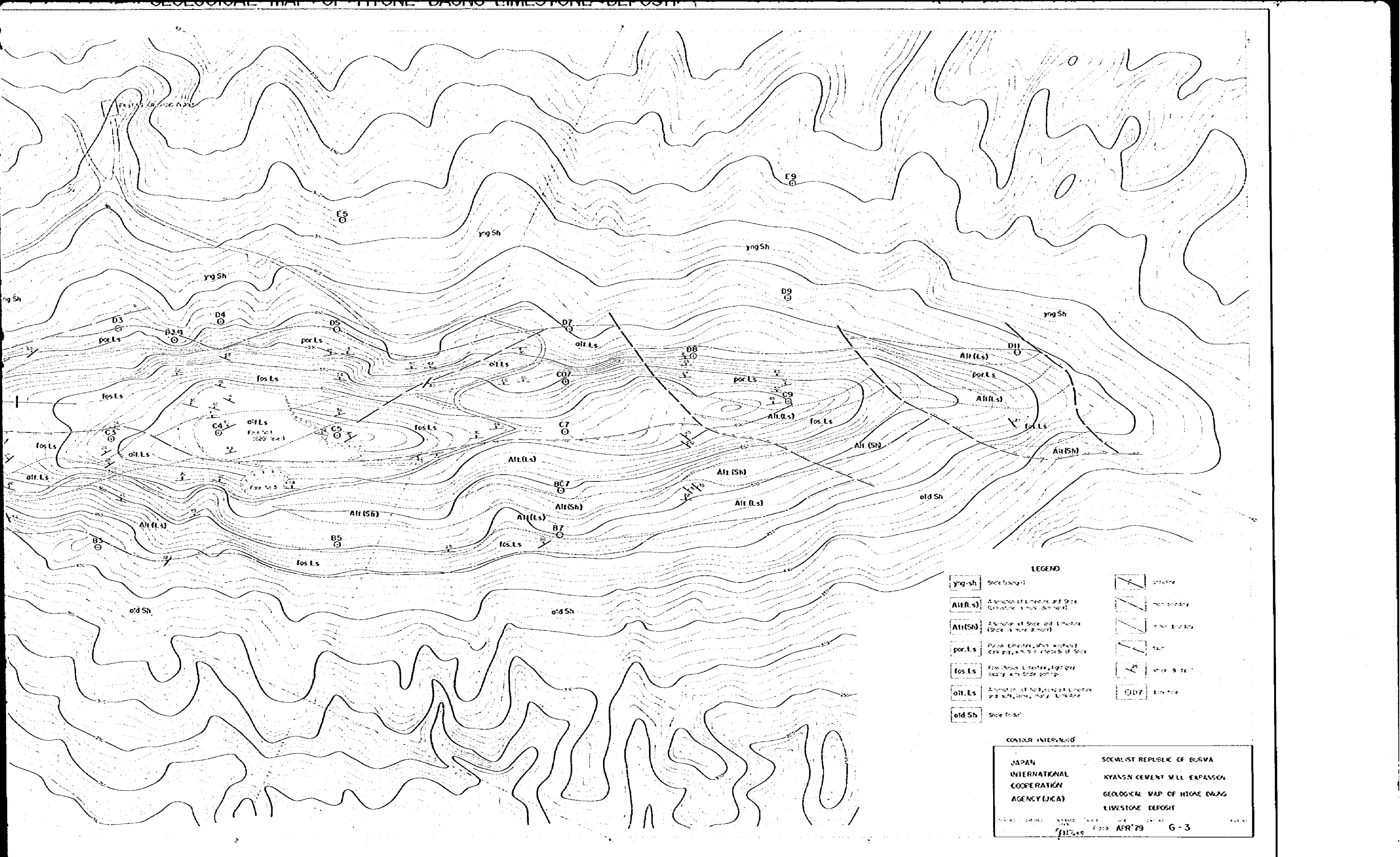
Scale: 1:50,000  
Date: 1980





SCALE = 1:200  
CONTOUR INTERVAL = 10





**LEGEND**

yng-sh	Shale (young)	fault
Alt(Ls)	Alternation of Limestone and Shale (Limestone is more abundant)	non boundary
Alt(Sh)	Alternation of Shale and Limestone (Shale is more abundant)	near boundary
por Ls	Porous Limestone, often with small dark gray, thin beds of Shale	fault with strike-slip
fos Ls	Fossiliferous Limestone, light gray locally with Shale partings	strike-slip
oit Ls	Alternation of horizontal Limestone and shaly, gray, marly Limestone	line hole
old Sh	Shale (old)	

CONTOUR INTERVAL: 10'

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)      SOCIALIST REPUBLIC OF BURMA  
 KYANGON CEMENT MILL EXPANSION  
 GEOLOGICAL MAP OF HTOAE DNANG LIVESTONE DEPOSIT

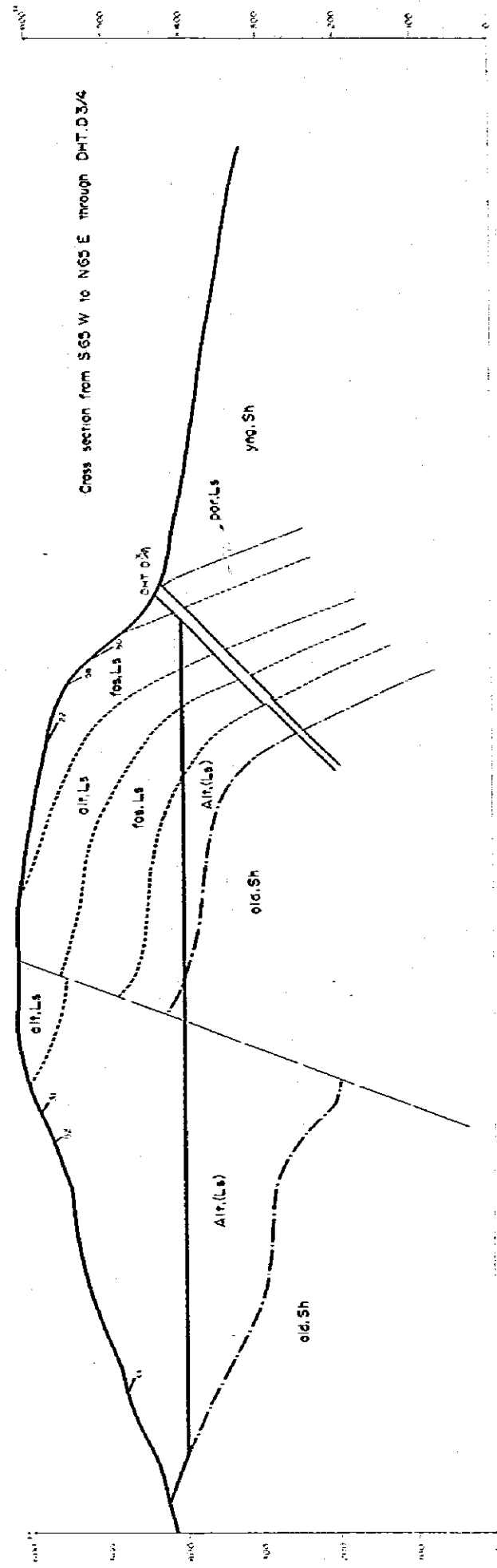
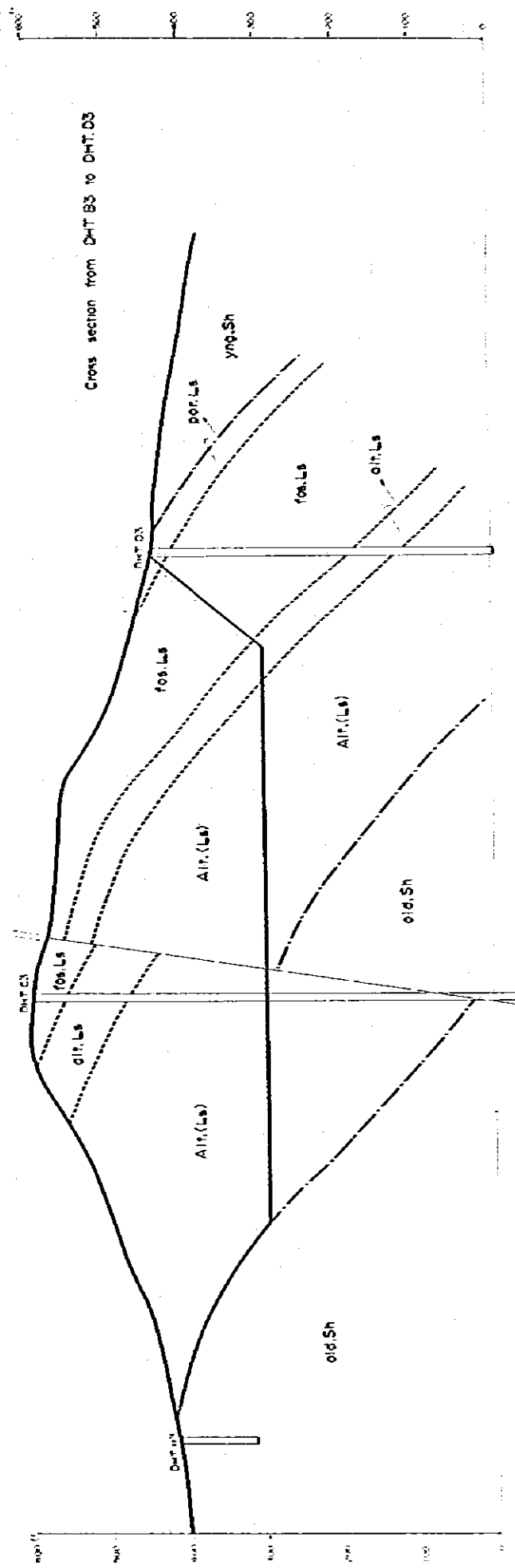
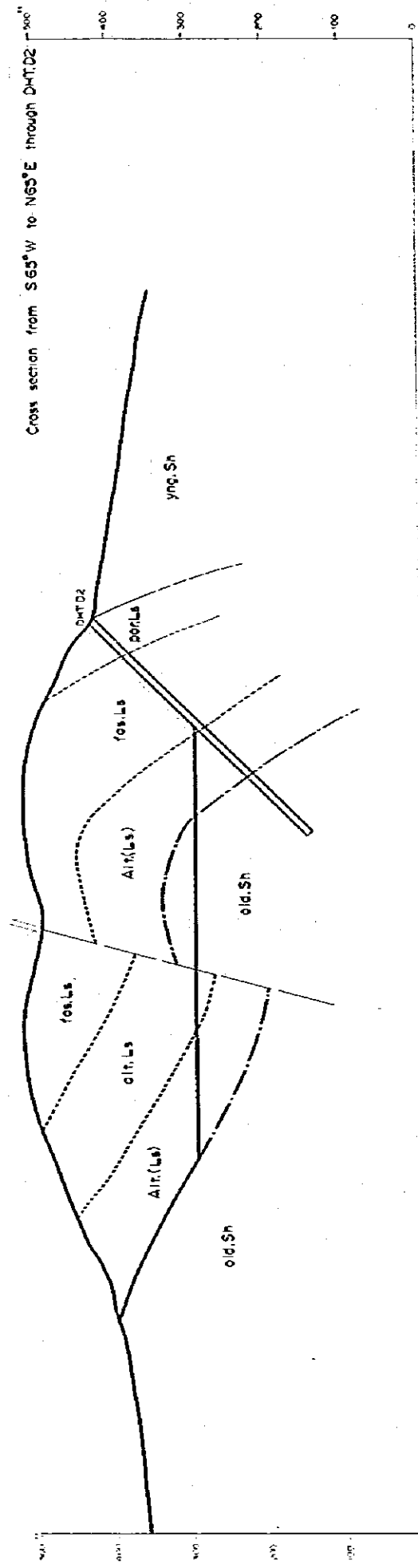
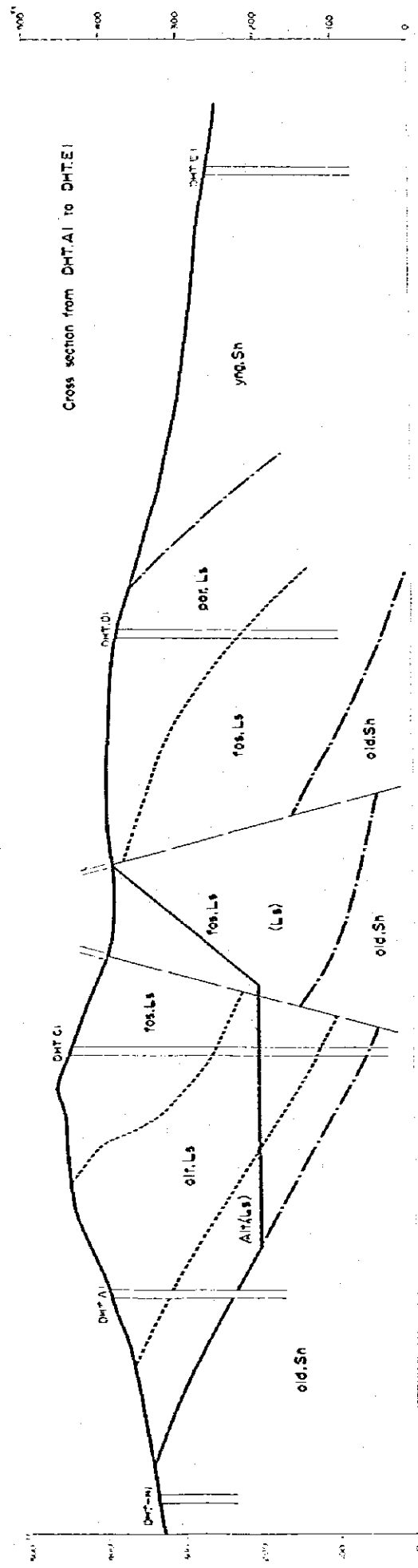
Scale: 1:2000      Date: APR 79      Sheet: G-3

SCALE = 1:2000  
 CONTOUR INTERVAL = 10'



# GEOLOGICAL PROFILES OF HTONE DAUNG LIMESTONE DEPOSIT

ANNEX G-4-A

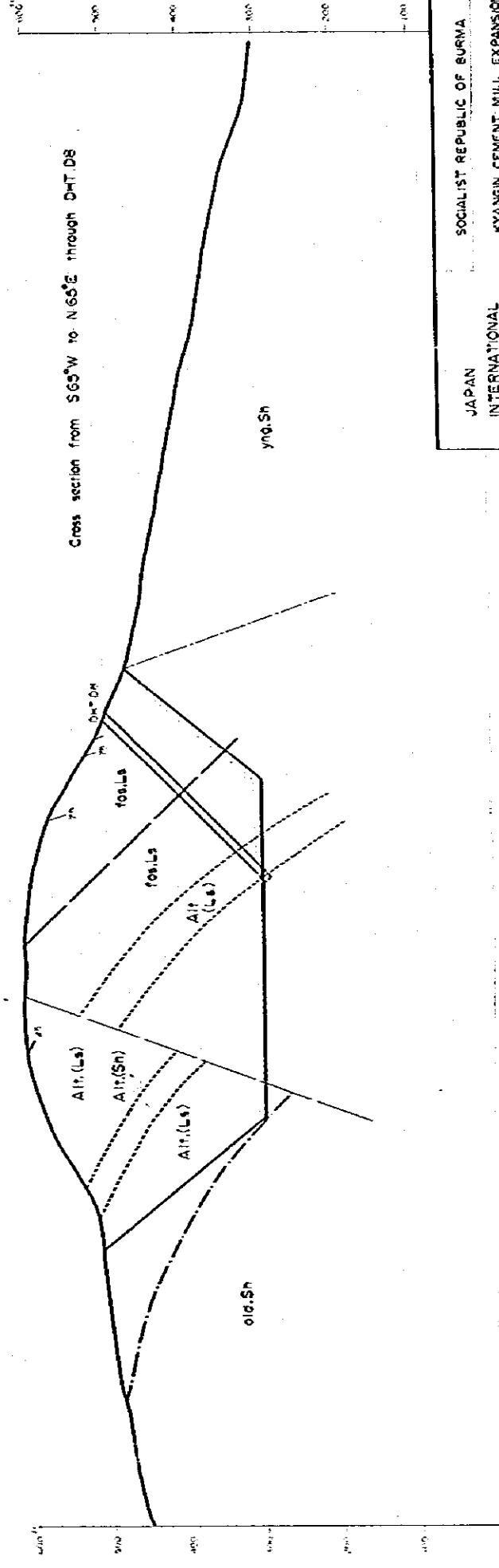
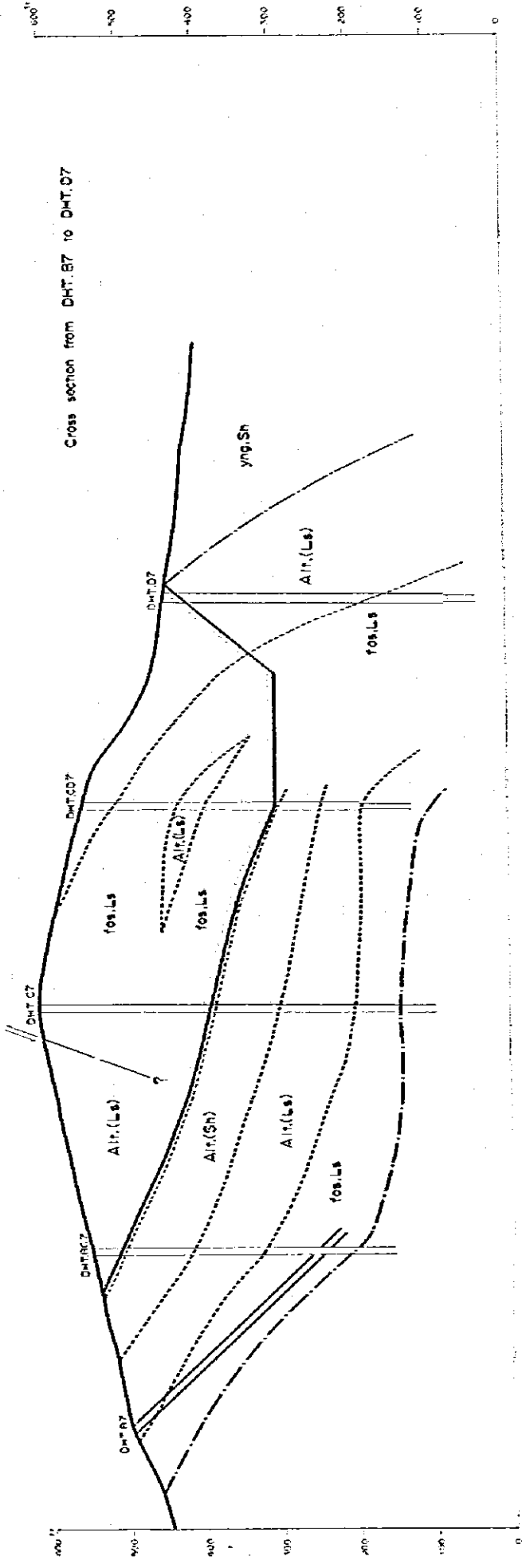
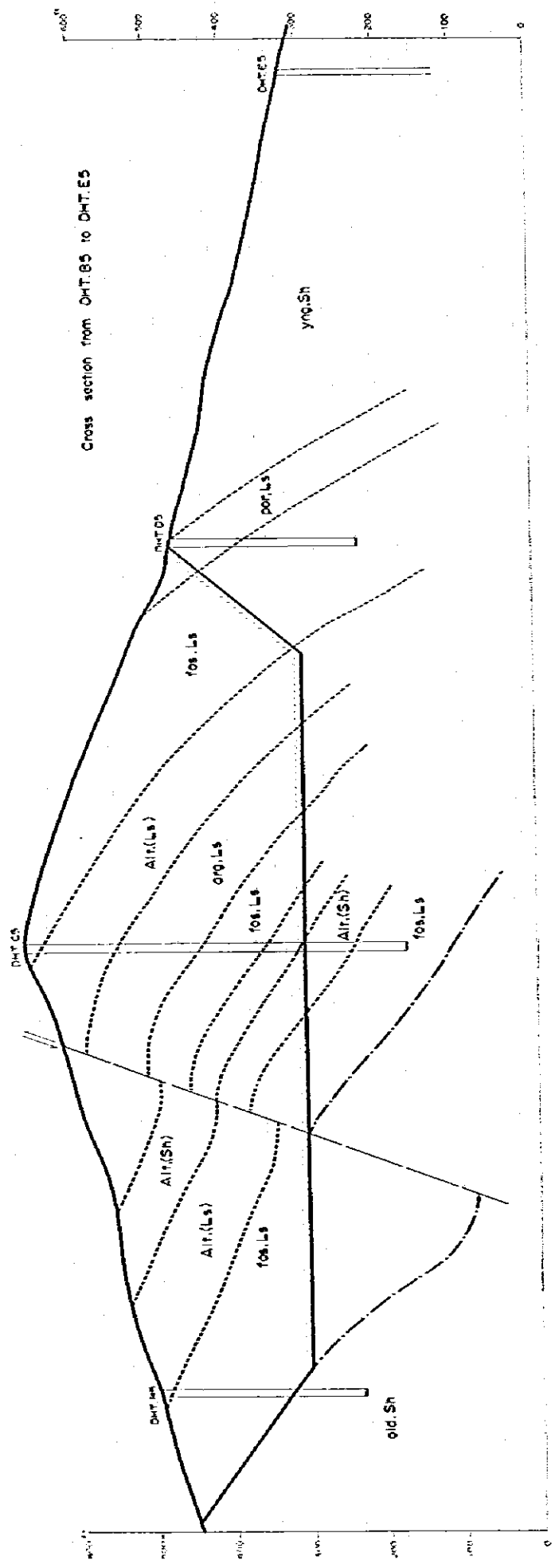
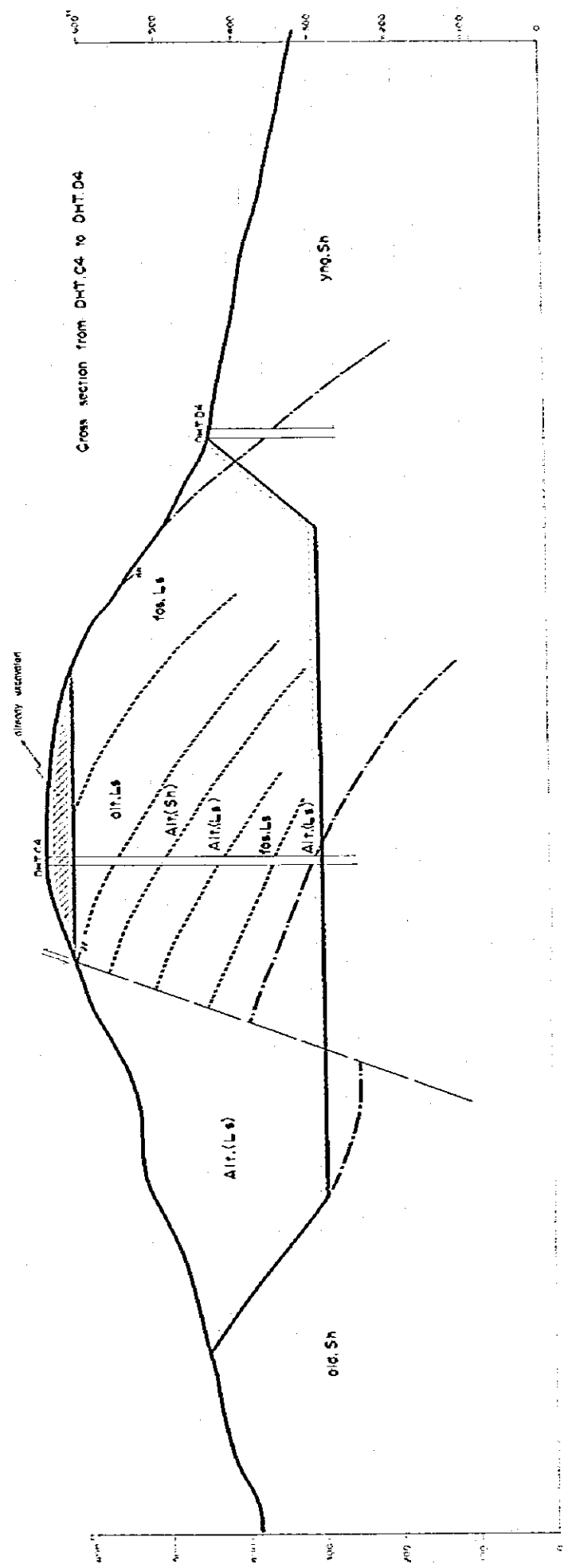


As for legend, see ANNEX G-4-C

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF BURMA KYANGIN CEMENT MILL EXPANSION GEOLOGICAL PROFILES OF HTONE DAUNG LIMESTONE DEPOSIT
APPROVED: _____ DATE: _____	DRAWN BY: _____ DATE: APR. 79
SHEET NO. G-4-A	

# GEOLOGICAL PROFILES OF HTONE DAUNG LIMESTONE DEPOSIT

ANNEX G-4-B

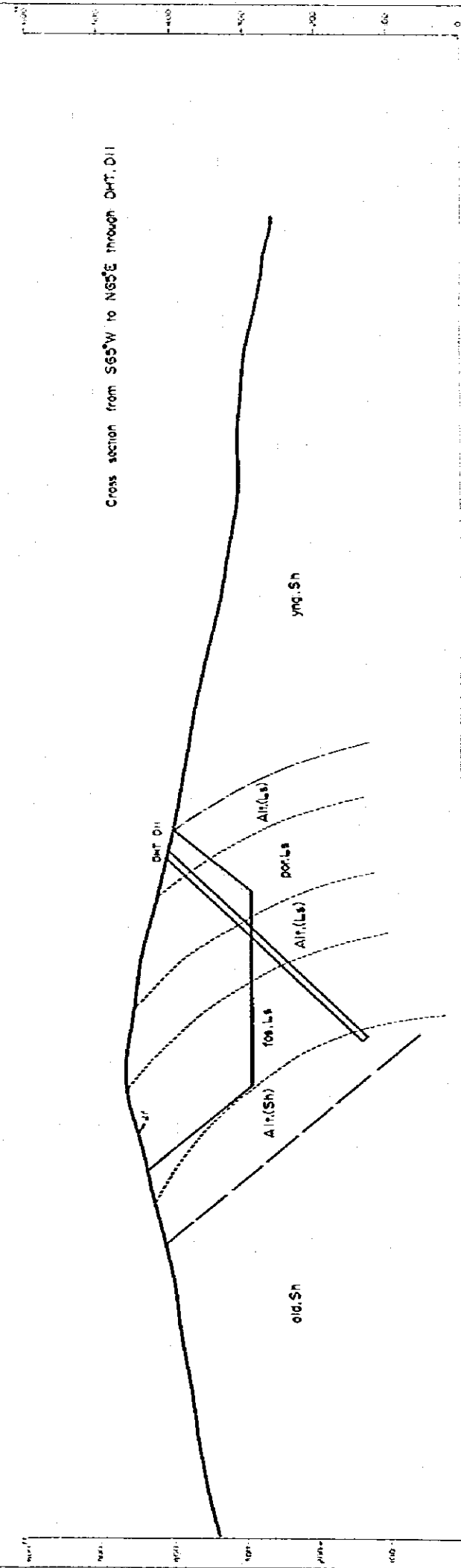
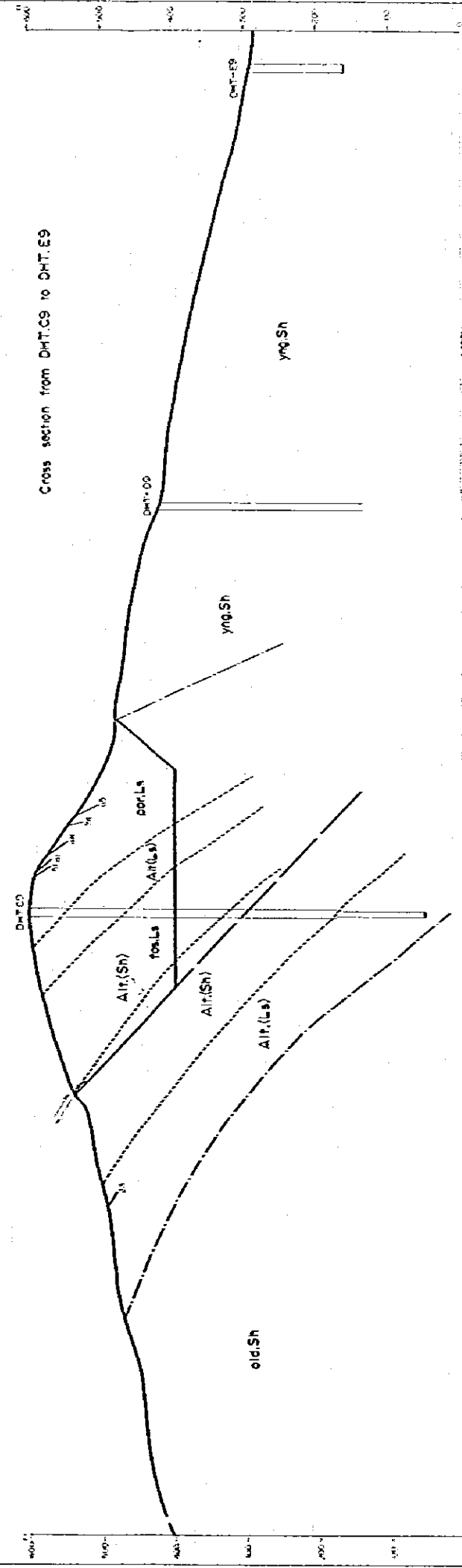


As for legend, see ANNEX G-4-C

JAPAN	SOCIALIST REPUBLIC OF BURMA
INTERNATIONAL COOPERATION AGENCY (JICA)	KYANGIN CEMENT MILL EXPANSION
GEOLOGICAL PROFILES OF HTONE DAUNG LIMESTONE DEPOSIT	
Scale: 1:1000	Date: APR 79
G-4-B	

# GEOLOGICAL PROFILES OF HTONE DAUNG LIMESTONE DEPOSIT

ANNEX G-4-C



### LEGEND

 young Sh	 Shale (unshaded)	 Main boundary
 Alt.(Ls)	 Alteration of Limestone and Shale (Limestone is more damaged)	 View boundary
 Alt.(Sh)	 Alteration of Shale and Limestone (Shale is more damaged)	 Fault
 Top Ls	 Porous Limestone, often with open joints, with thin interbeds of Shale	 Dip of narrow outcrop
 Fossiliferous Limestone, light gray locally with wide joints	 Fossiliferous Limestone, light gray locally with wide joints	
 Alt.Ls	 Alteration of hard compact Limestone and sh., lower, more Limestone	
 Shale (near)	 Shale (near)	

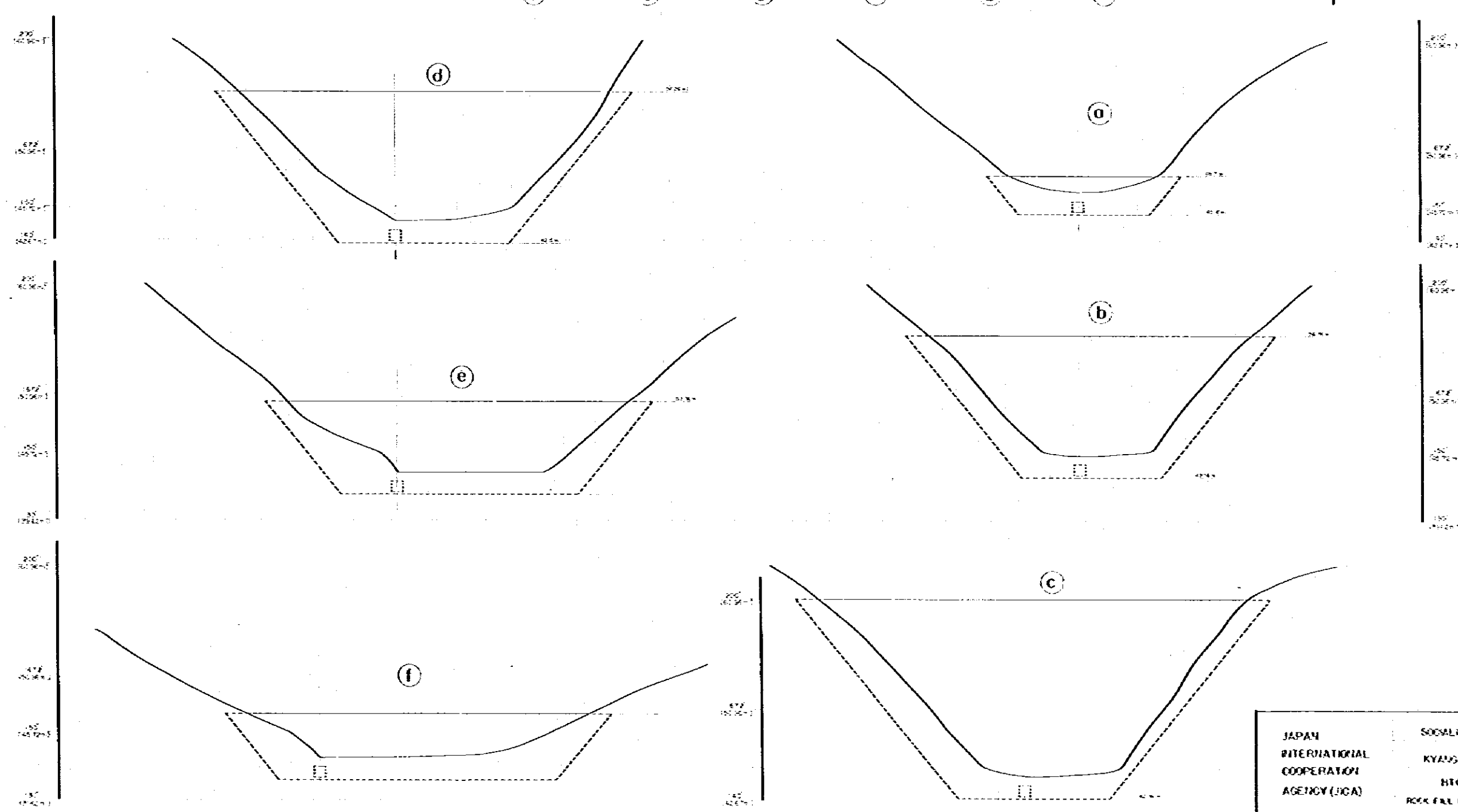
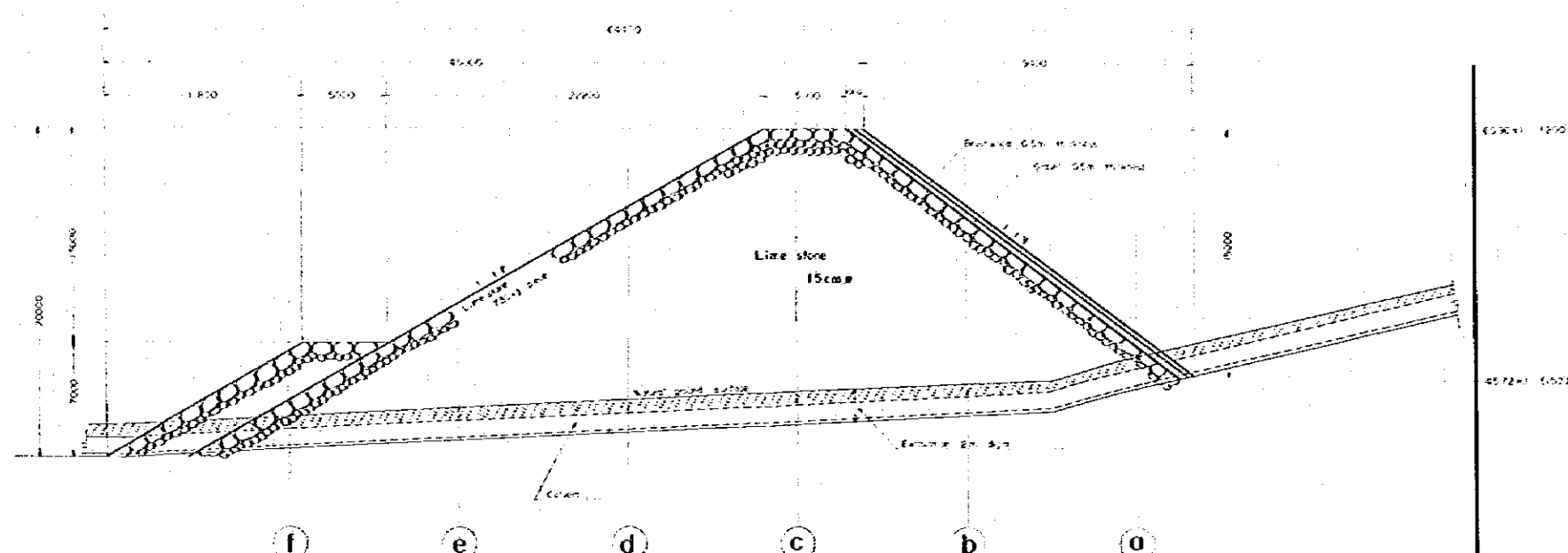
JAPAN  
 INTERNATIONAL  
 COOPERATION  
 AGENCY (JICA)

SOCIALIST REPUBLIC OF BURMA  
 KYANGIN CEMENT MILL EXPANSION  
 GEOLOGICAL PROFILES OF HTONE DAUNG  
 LIMESTONE DEPOSIT

APR 79 G-4-C



**HTONEDAUNG QUARRY**  
**ROCK FILL DAM, VERTICAL AND CROSS SECTION**  
 SCALE: 1/1000, UNIT: M

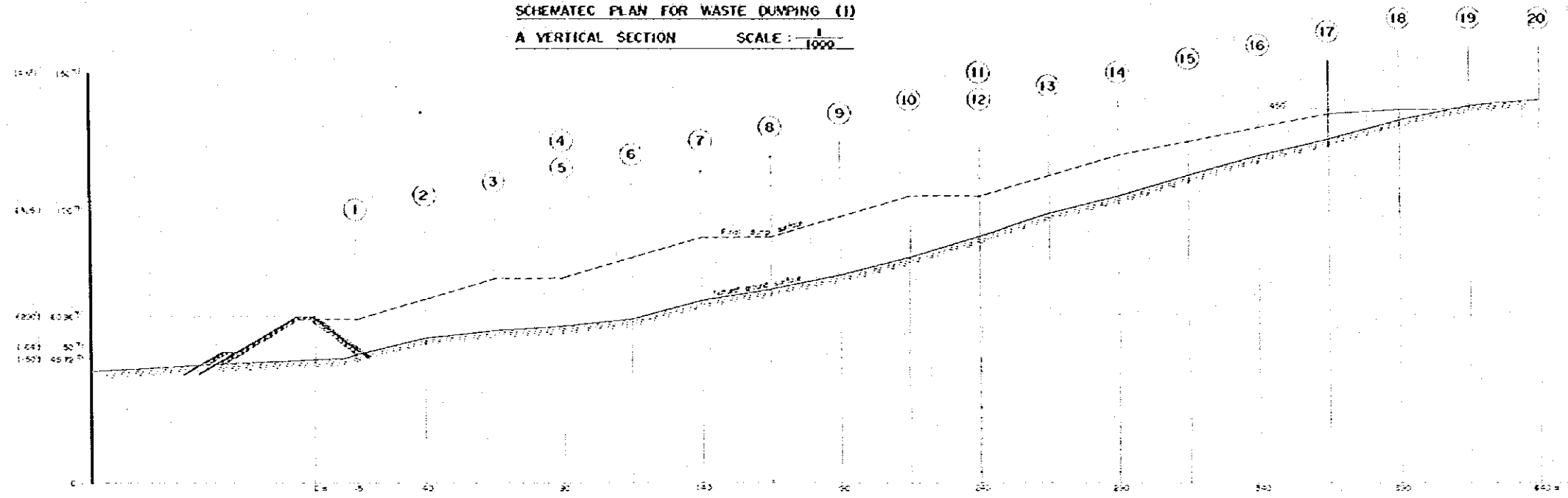


JAPAN  
 INTERNATIONAL  
 COOPERATION  
 AGENCY (JICA)

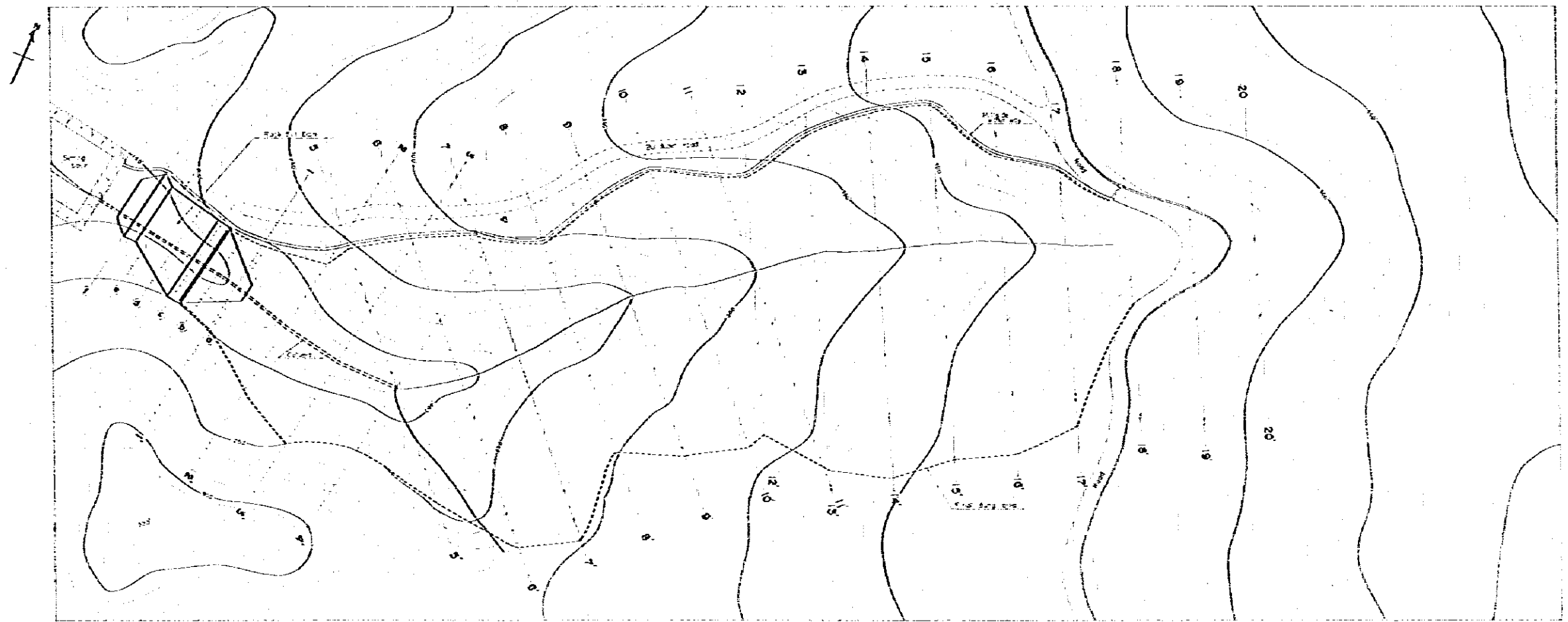
SOCIALIST REPUBLIC OF BURMA  
 KYANGSI CEMENT MILL EXPANSION  
 HTONEDAUNG QUARRY  
 ROCK FILL DAM, VERTICAL AND CROSS SECTION



HTONEAUNG QUARRY  
 SCHEMATIC PLAN FOR WASTE DUMPING (I)  
 A VERTICAL SECTION SCALE: 1/1000



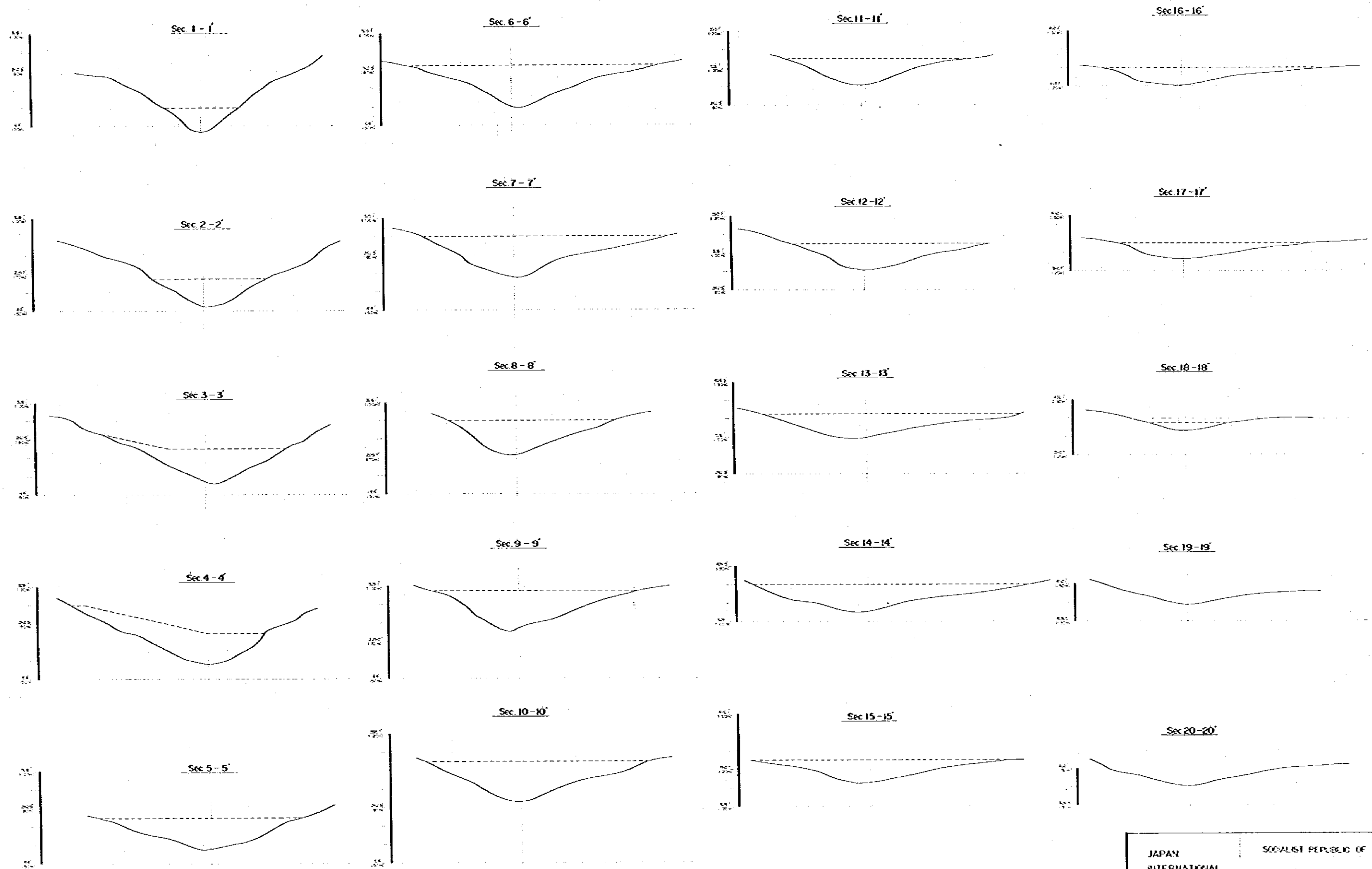
SCALE: 1/1000  
 A GROUND PLAN CONTOUR INTERVAL=10'



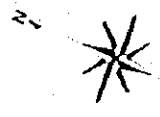
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF BURMA KYAVIN CEMENT MILL EXPANSION HTONEAUNG QUARRY SCHEMATIC PLAN FOR WASTE DUMPING (I) A VERTICAL SECTION
--	---

### HTONEDAUNG QUARRY

SCHMATIC PLAN FOR WASTE DUMPING (II) A CROSS SECTION SCALE: 1/1000



JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF BURMA KYANGSI CEMENT MILL EXPANSION HTONEDAUNG QUARRY SCHMATIC PLAN FOR WASTE DUMPING (II) A CROSS SECTION
--	--



EXISTING CRUSHING PLANT

NEW CRUSHING PLANT

ROAD FOR LIMESTONE TRANSPORT

ROAD FOR LIMESTONE TRANSPORT

LIMIT OF EXPLOITATION

LIMIT OF EXPLOITATION

LIMIT OF EXPLOITATION

ROAD FOR WASTE TRANSPORT

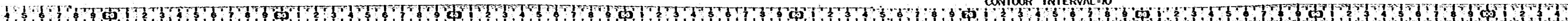
WASTE DUMP AREA

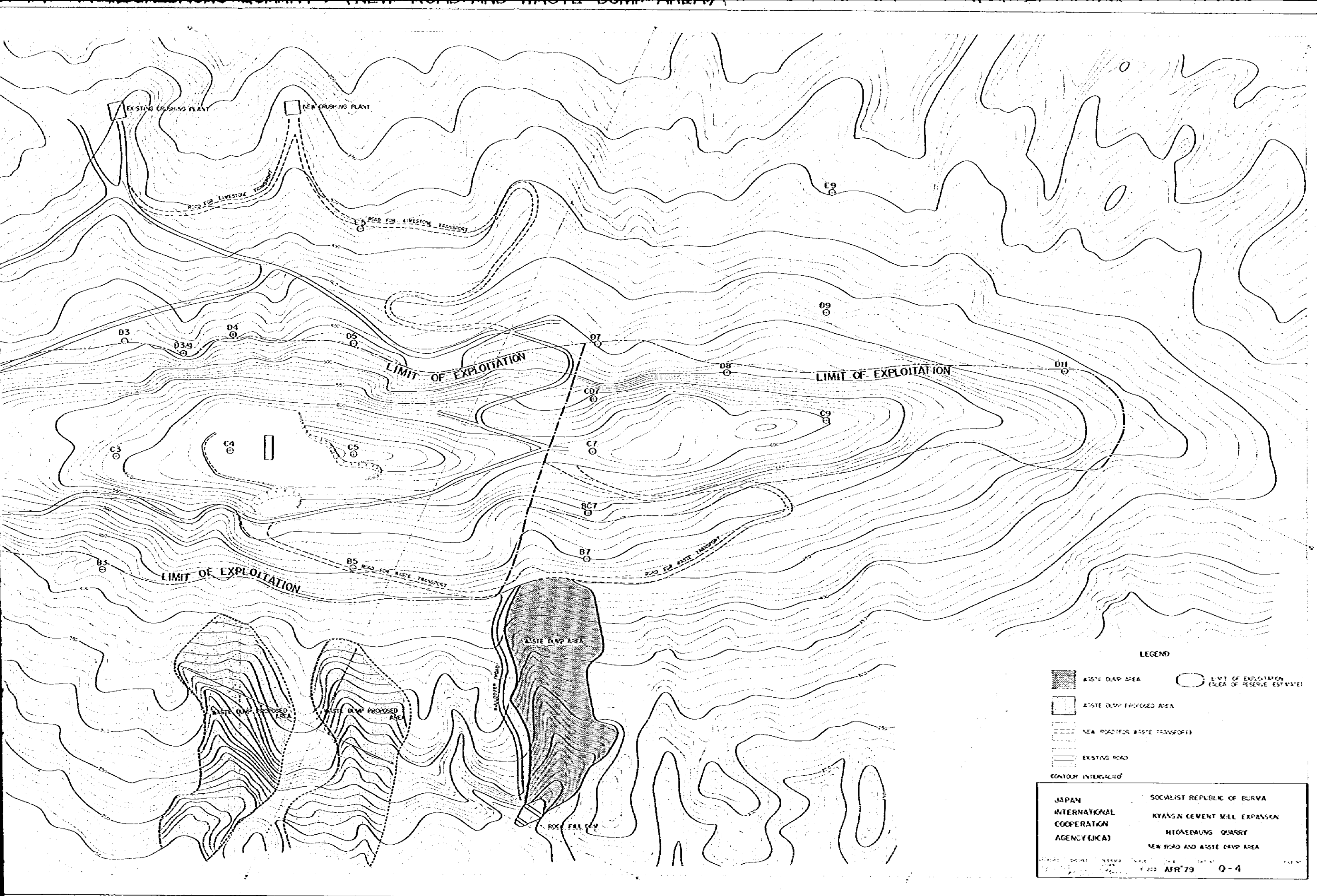
WASTE DUMP PROPOSED AREA

WASTE DUMP PROPOSED AREA

ROCK FILL CRY

SCALE = 1:200  
CONTOUR INTERVAL = 10'





LEGEND

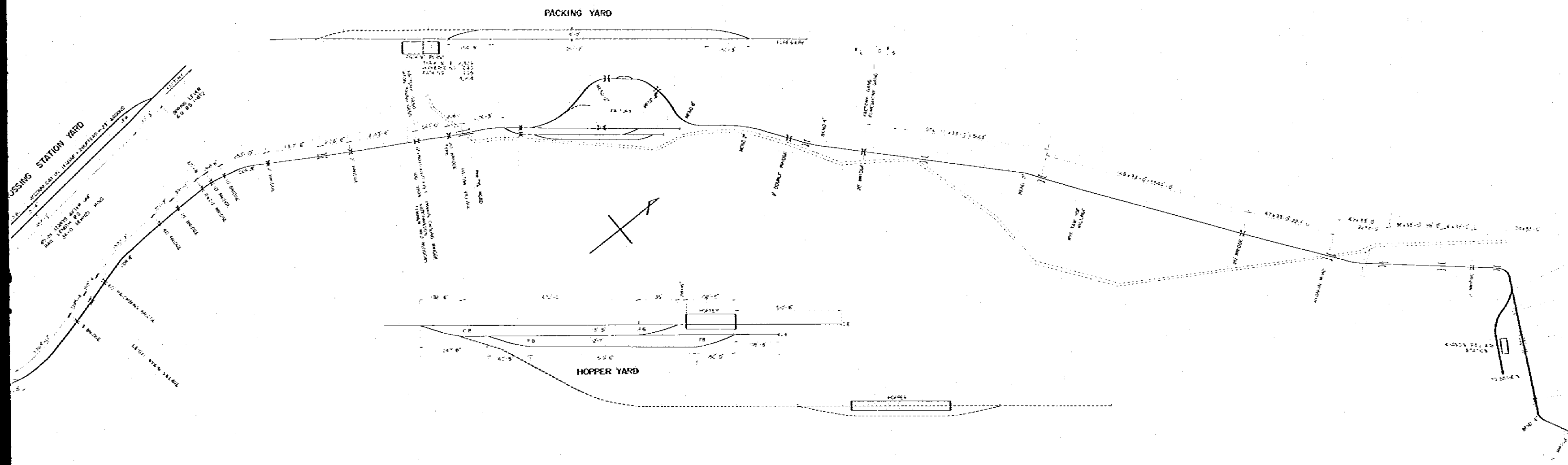
- WASTE DUMP AREA
  - WASTE DUMP PROPOSED AREA
  - NEW ROAD FOR WASTE TRANSPORT
  - EXISTING ROAD
  - LIMIT OF EXPLOITATION (AREA OF RESERVE ESTIMATE)
- CONTOUR INTERVAL: 5'

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF BURMA KYANGSI CEMENT MILL EXPANSION HTOGEAUNG QUARRY NEW ROAD AND WASTE DUMP AREA
DATE: 1979	SCALE: 1:2000 DATE: APR 79

SCALE = 1:2000  
CONTOUR INTERVAL = 5'





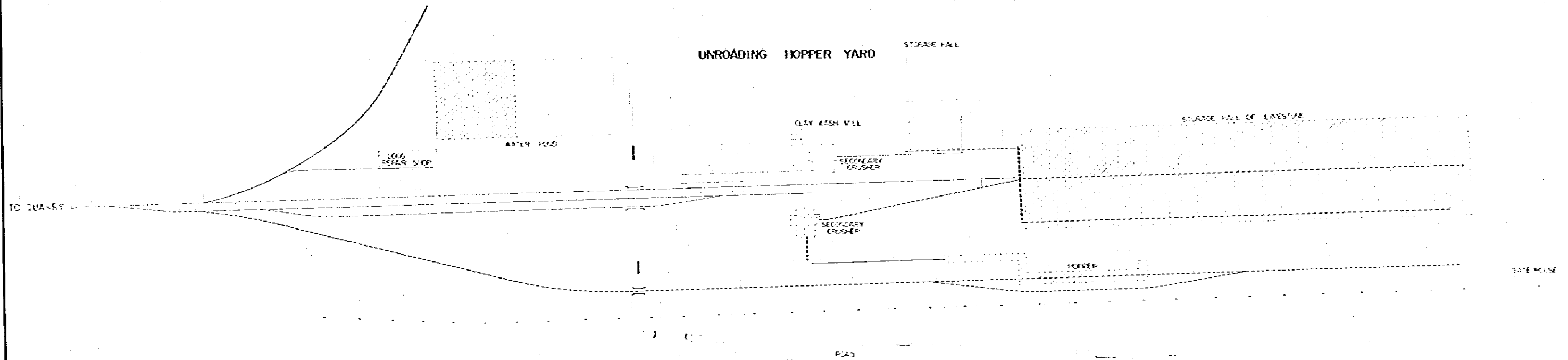
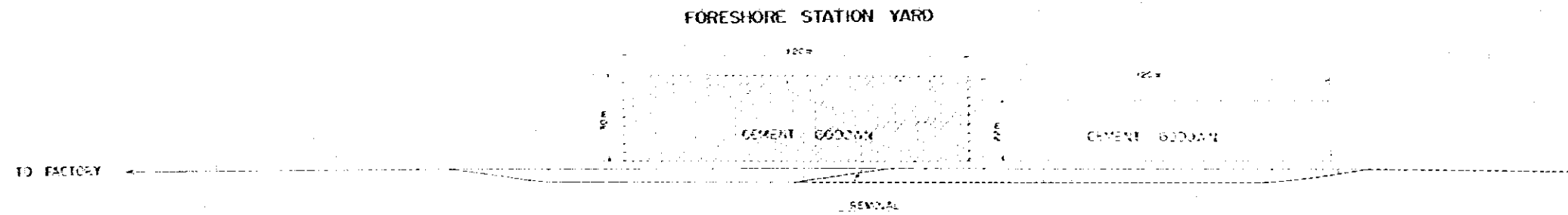
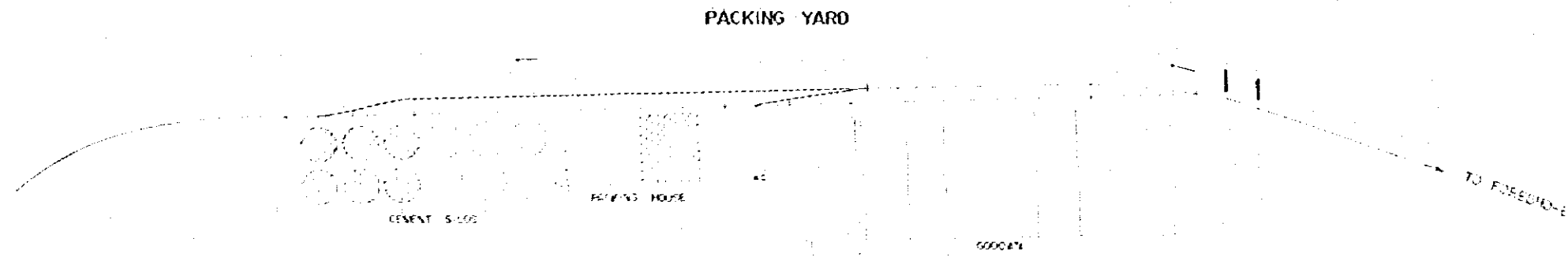


LEGEND  
 ———— EXISTING  
 - - - - - EXTENDING









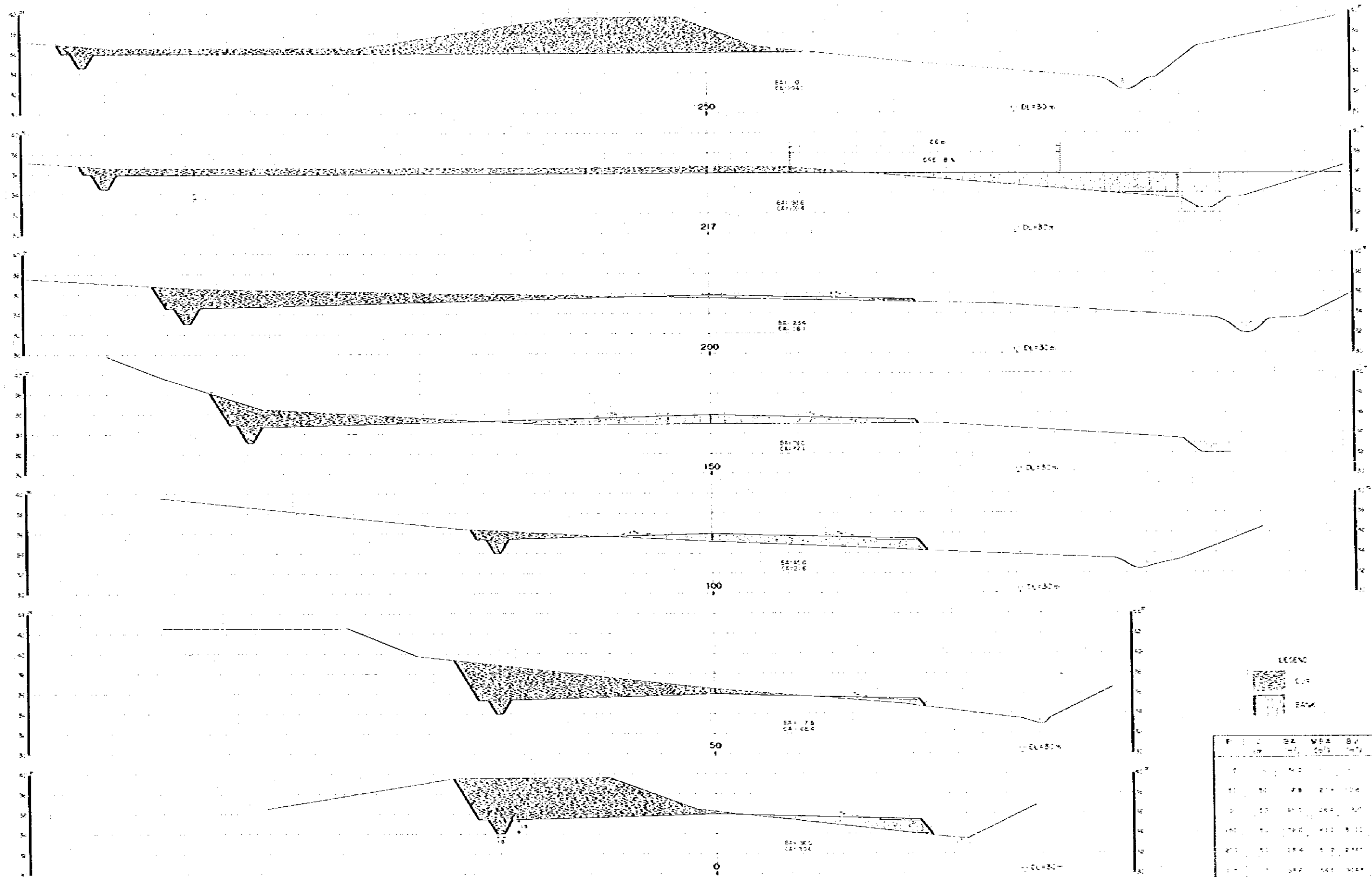
LEGEND

- EXISTING
- EXTENSION

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF BURMA KYAWIN CEMENT MILL EXPANSION RAILWAY MODIFICATION PLANNING
--	--

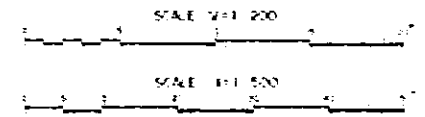
DATE: 1974.11.14 DRAWN: [Signature] SCALE: 1:1000 SHEET: C-11





LEGEND  
 CUT  
 FILL

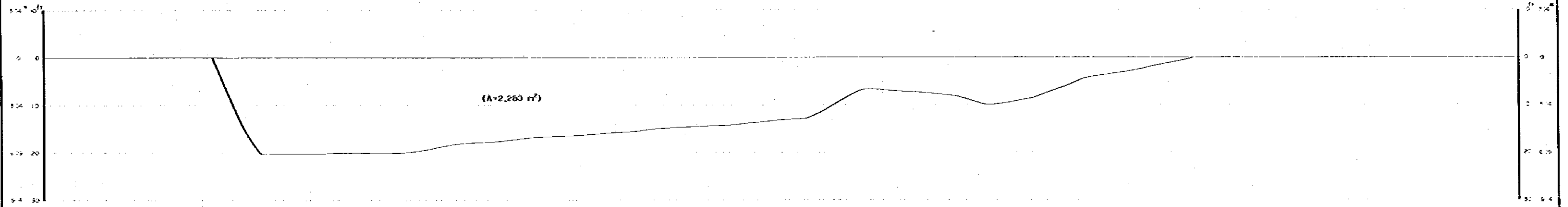
F	L	SK	WFB	BU	CA	VCA	CV
(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)
0	10	100	100	100	100	100	100
50	50	78	214	106	664	179	890
100	100	411	244	107	218	111	1490
150	150	1790	412	811	771	459	2475
200	200	184	112	217	121	114	517
217	217	247	143	114	114	114	217
250	250	1	88	114	247	114	217
TOTAL							5141



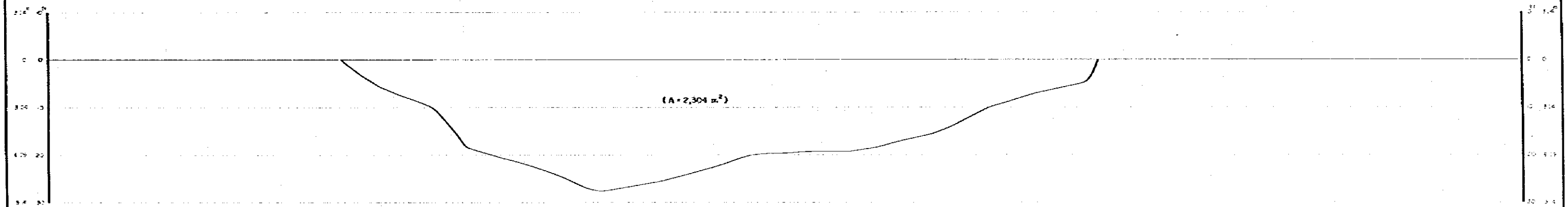
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)  
 SOCIALIST PEOPLE'S REPUBLIC OF BURMA  
 KYANGON CEMENT MILL EXPANSION  
 LIMESTONE QUARRY OPEN STOCK YARD  
 SITE LEVELING AND DRAIN PLAN (2)  
 (CROSS SECTIONS)



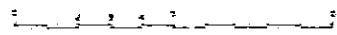
1977 CROSS SECTION



1978 CROSS SECTION



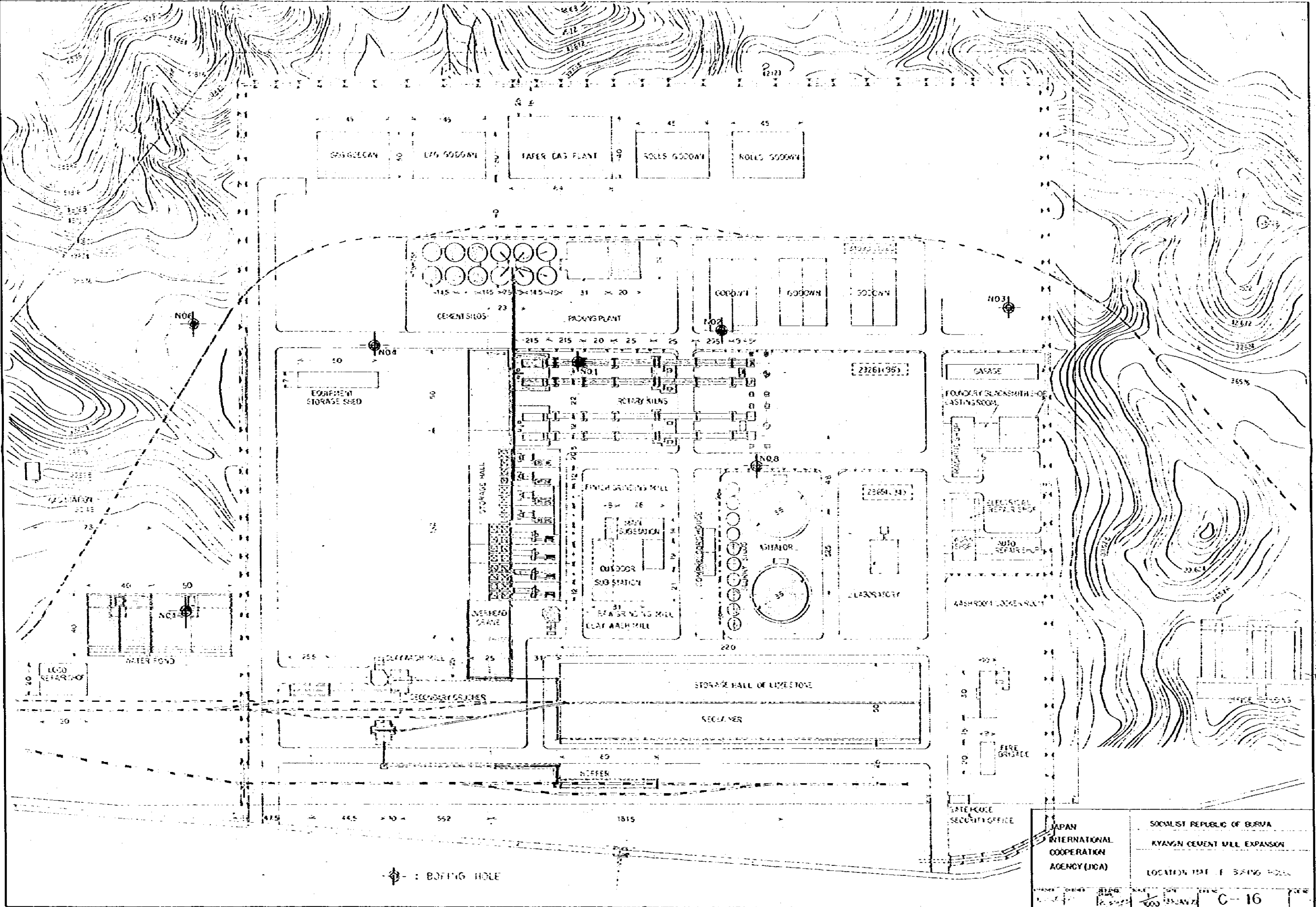
SCALE V=1:120



SCALE H=1:200

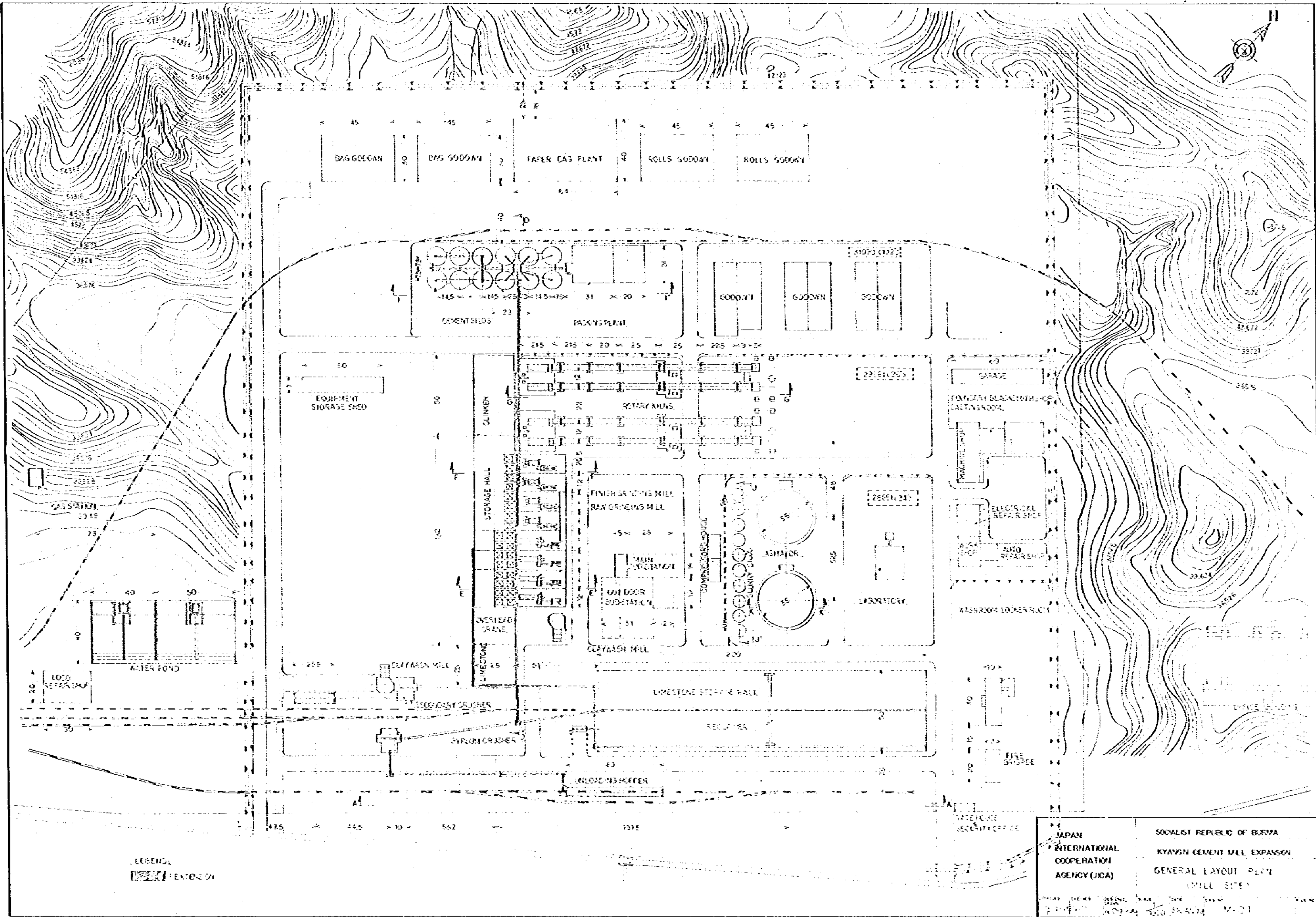
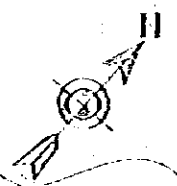


JAPAN	SOCIALIST REPUBLIC OF BURMA
INTERNATIONAL COOPERATION AGENCY (JICA)	KYAWGN CEMENT MILL EXPANSION
	ISORAZOY RIVER CROSS-SECTION OF JETTY SITE AT KYAWGN CEMENT FACTORY



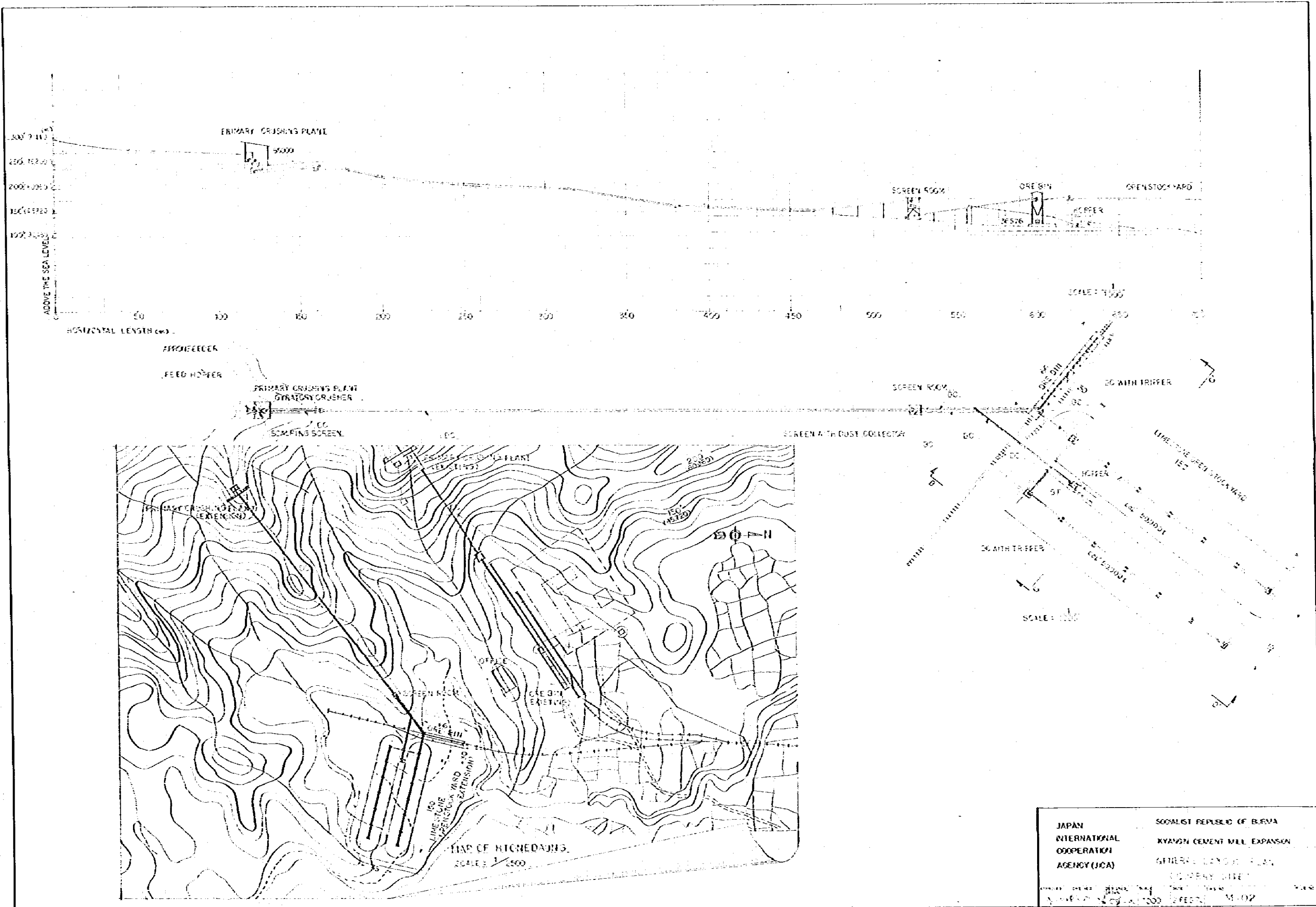
⊕ : BOFFING HOLE

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF BURMA
	KYAVEN CEMENT MILL EXPANSION
	LOCATION MAP OF BANG HOLE
DRAWN BY: [unclear] DATE: [unclear] SCALE: 1:500 CHECKED BY: [unclear] DATE: [unclear]	
C-16	

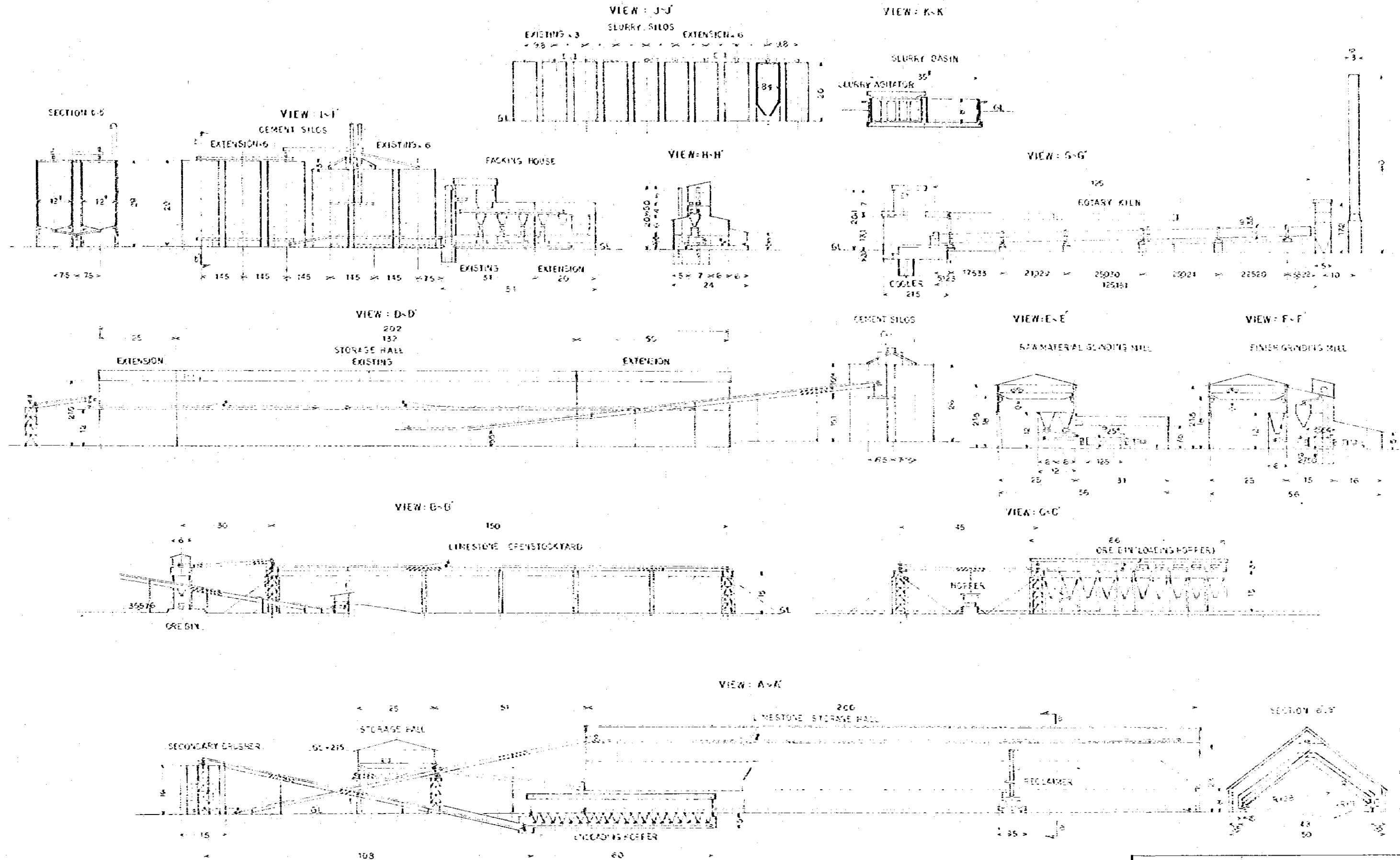


LEGENDA  
[Symbol] EXISTING

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF BURMA KYAVIN CEMENT MILL EXPANSION
	GENERAL LAYOUT PLAN MILL SITE
	SCALE: 1:500 DATE: 1974.12.24 NO. 01



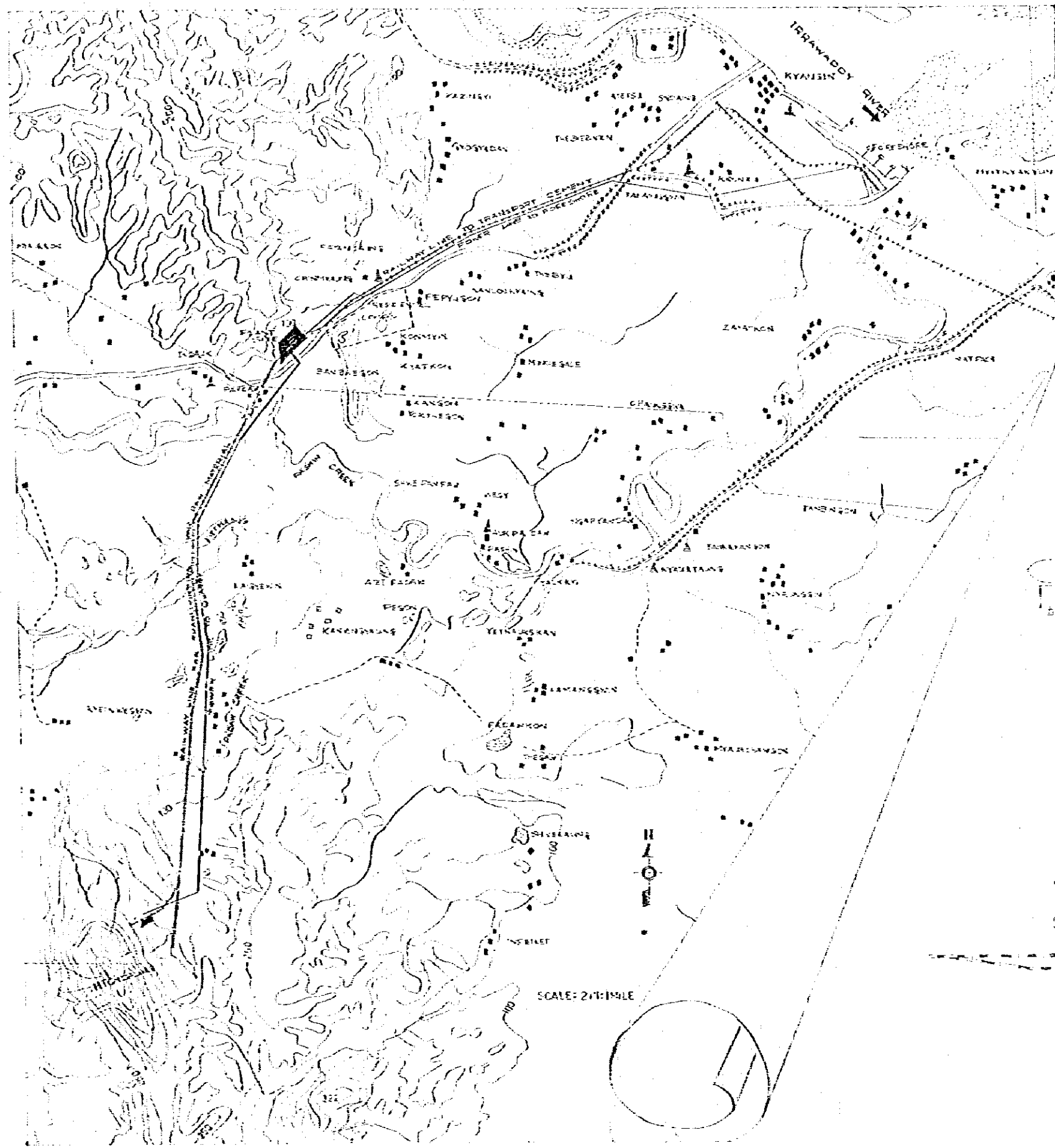




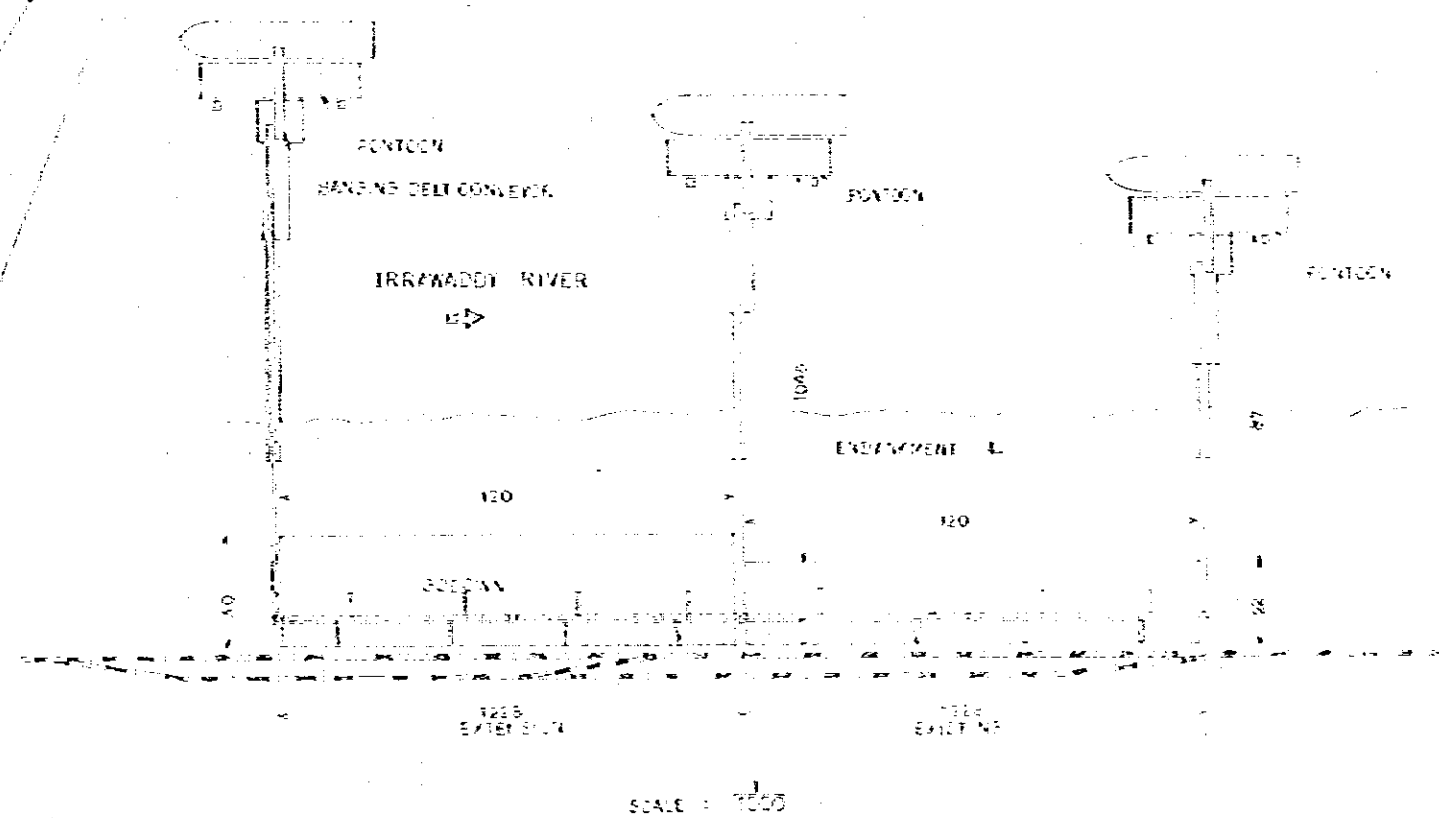
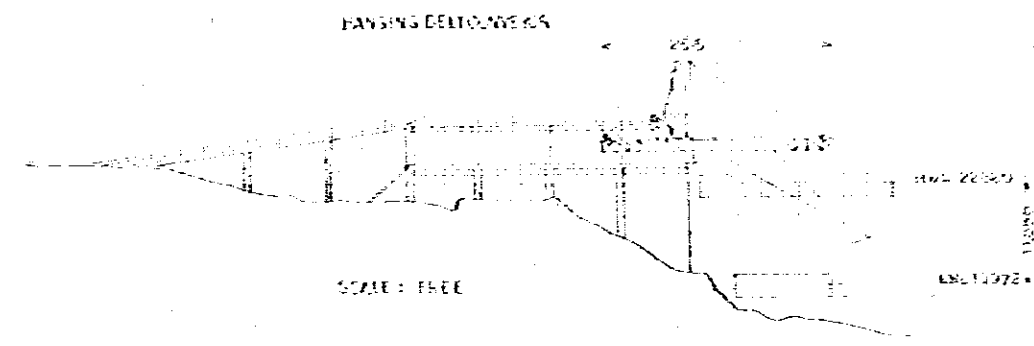
JAPAN  
INTERNATIONAL  
COOPERATION  
AGENCY (JICA)

SOCIALIST REPUBLIC OF BURMA  
KYAVGN CEMENT MILL EXPANSION  
GENERAL ARRANGEMENT

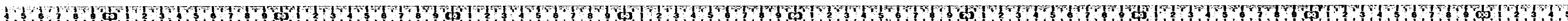
DATE: 1974.10.01  
SCALE: 1/50  
SHEET: M-03



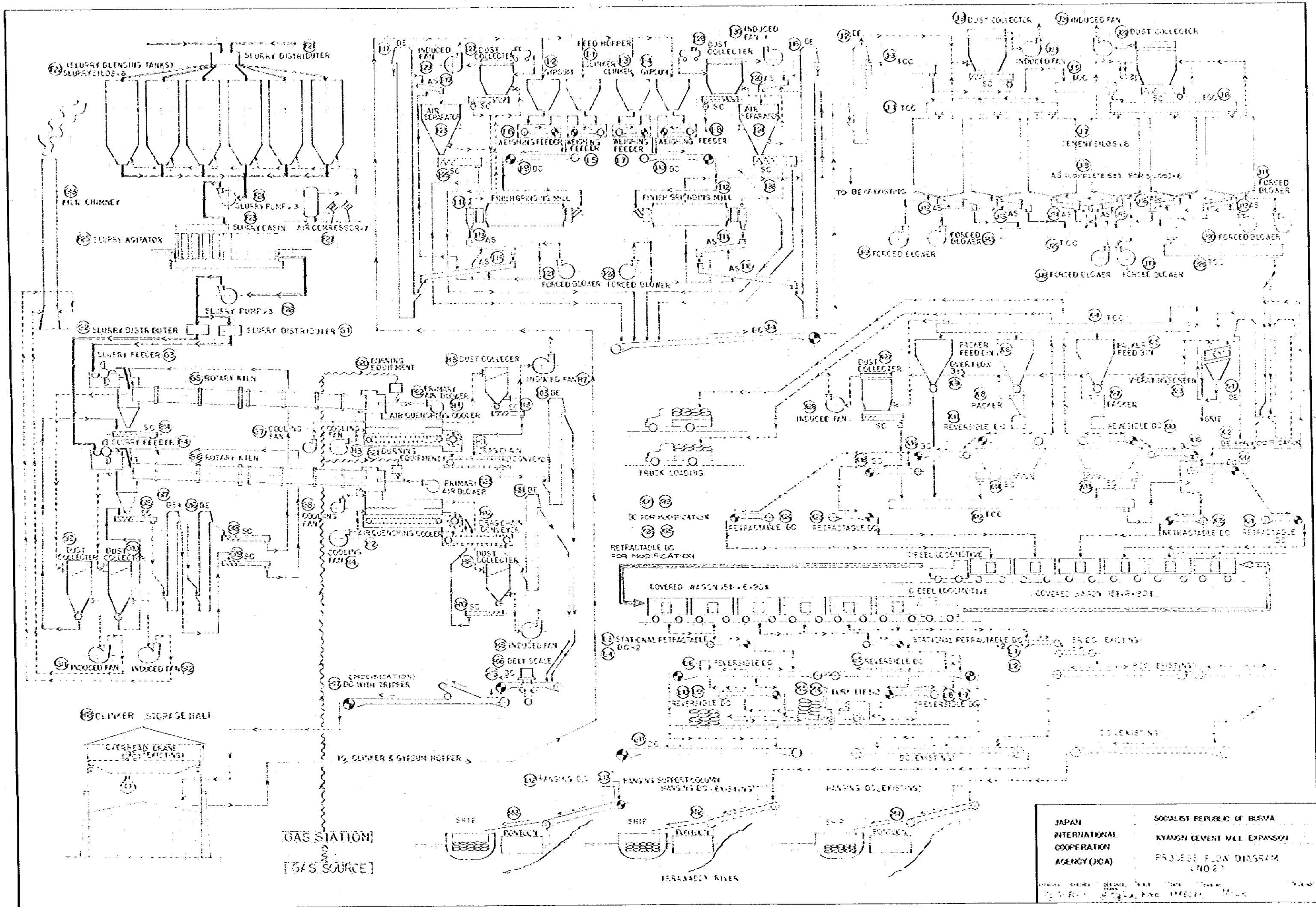
TOPOGRAPHICAL MAP SHOWING  
HLONGZONG-KYAUKSE-MYINGAUIS



JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF BURMA KYAUKSE CEMENT MILL EXPANSION GENERAL LAYOUT PLAN FOUNDATION SITE
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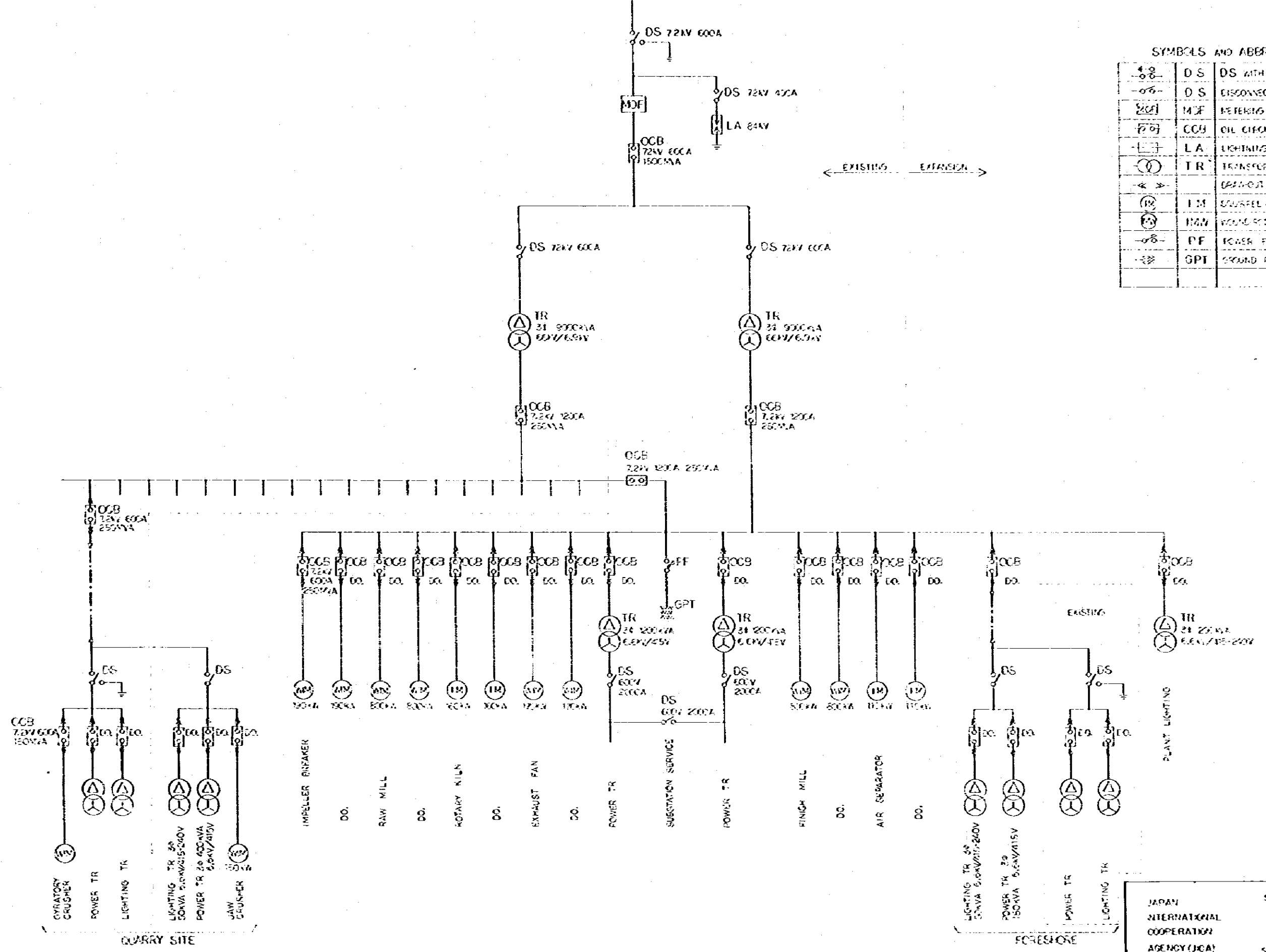


JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)  
 SOCIALIST REPUBLIC OF BURMA  
 KYANGSI CEMENT MILL EXPANSION  
 PROJECT FLOW DIAGRAM (NO. 2)  
 SCALE: 1:1000  
 DATE: 1972

CCNY 5012 3+ 3W

SYMBOLS AND ABBREVIATIONS

	DS	DS WITH GROUNDING DEVICE
	DS	DISCONNECTING SWITCH
	MDF	METERING CUTFIT
	CCB	OIL CIRCUIT BREAKER
	LA	LIGHTING APF
	TR	TRANSFORMER
	IM	SCREW TYPE IND. MOTOR
	IMW	WOUND ROTOR TYPE IND. MOTOR
	PF	POWER FUSE
	GPT	GROUND POTENTIAL TR



JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)      SOCIALIST REPUBLIC OF BURMA  
 KYANSHI CEMENT MILL EXPANSION  
 SINGLE LINE CIRCUIT DIAGRAM  
 DATE: 1982.11.10  
 DRAWN BY: [Signature]  
 E-01



ビルマ連邦社会主義共和国  
チャンギンセメント工場拡張計画

調査報告書

79年7月

国際協力事業

