



MAP SHEET	MAP SHEET
MAP SHEET	^{occ a} , ⊬18 <u>1</u> E1

LEGEND

RESISTANCE TO EROSION

RI WERY HIGH RESISTANCE

R2 HIGH RESISTANCE

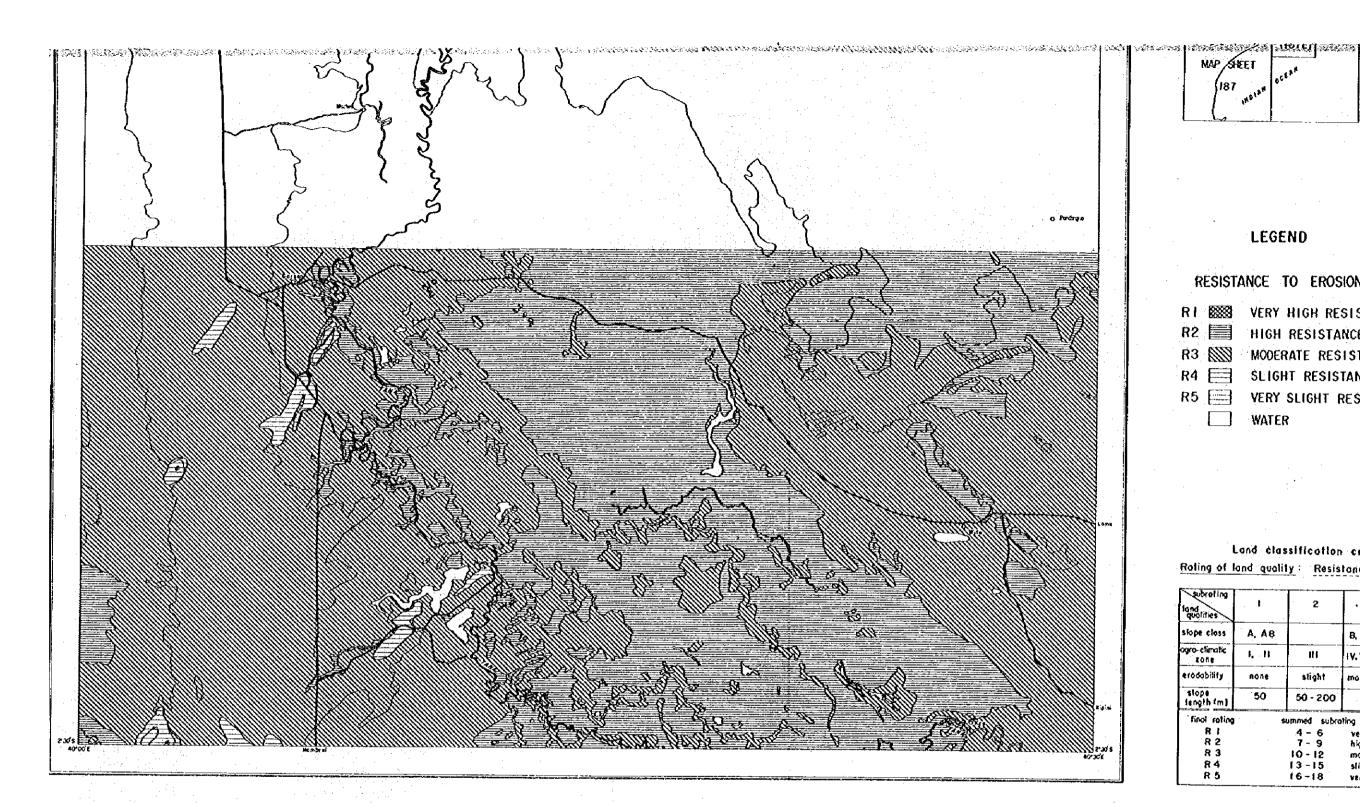
R3 MODERATE RESISTANCE
R4 SLIGHT RESISTANCE

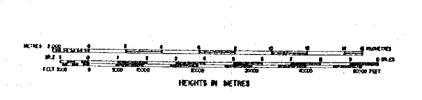
R5 VERY SLIGHT RESISTANCE

WATER

Land classification criteria Rating of land quality: Resistance to erosion

slope	50	50 - 200	200	,	1
erodobility	none	slight	moderale	strong	alrong
agro-climatic sons	1, 11	118	17.7,71.71		
slope class	A AB	٠.	B, BC, C		CO. 0
subroting land qualities	1	2	. 3	4	5







RESISTANCE TO EROSION

RI (2333)	VERY HIGH RESISTANCE
R2 🗐	HIGH RESISTANCE
R3 💹	MODERATE RESISTANCE
R4 🗐	SLIGHT RESISTANCE
R5 🔚	VERY SLIGHT RESISTANCE
	WATER

Land classification criterio

Roling of land quality: Resistance to erosion

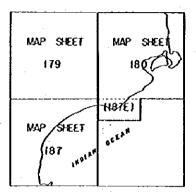
8 4 8 5		13-15 16-18	slight resist very slight		
83		10 - 12	moderáte r		
R 2		7 - 9	high resista		
R !		4 - 6	very high	resistance	
final rating		summed subre	iting		
length (m)	50	50 - 200	200		
slope		 	ł —		
erodobility	none	slight	moderale	strong	very strong
agro-climatic zone	J _i ∈ H	IH	17.7.71.71		
slope class	A, A8		B, BC, C		CD, D
subrelling land qualities	. 1	2	. 3	4	5

SHEET HISTORY

Prepored from themotic maps by Japan International Cooperation Agency (JICA), under the Japanese Government's Technical Aid Programme.

Field survey 1981-1982 Evoluation 1983 Printed in 1984





LEGEND

RESISTANCE TO EROSION

RI WWW VERY HIGH RESISTANCE

R2 HIGH RESISTANCE

R3 MODERATE RESISTANCE

R4 E SLIGHT RESISTANCE

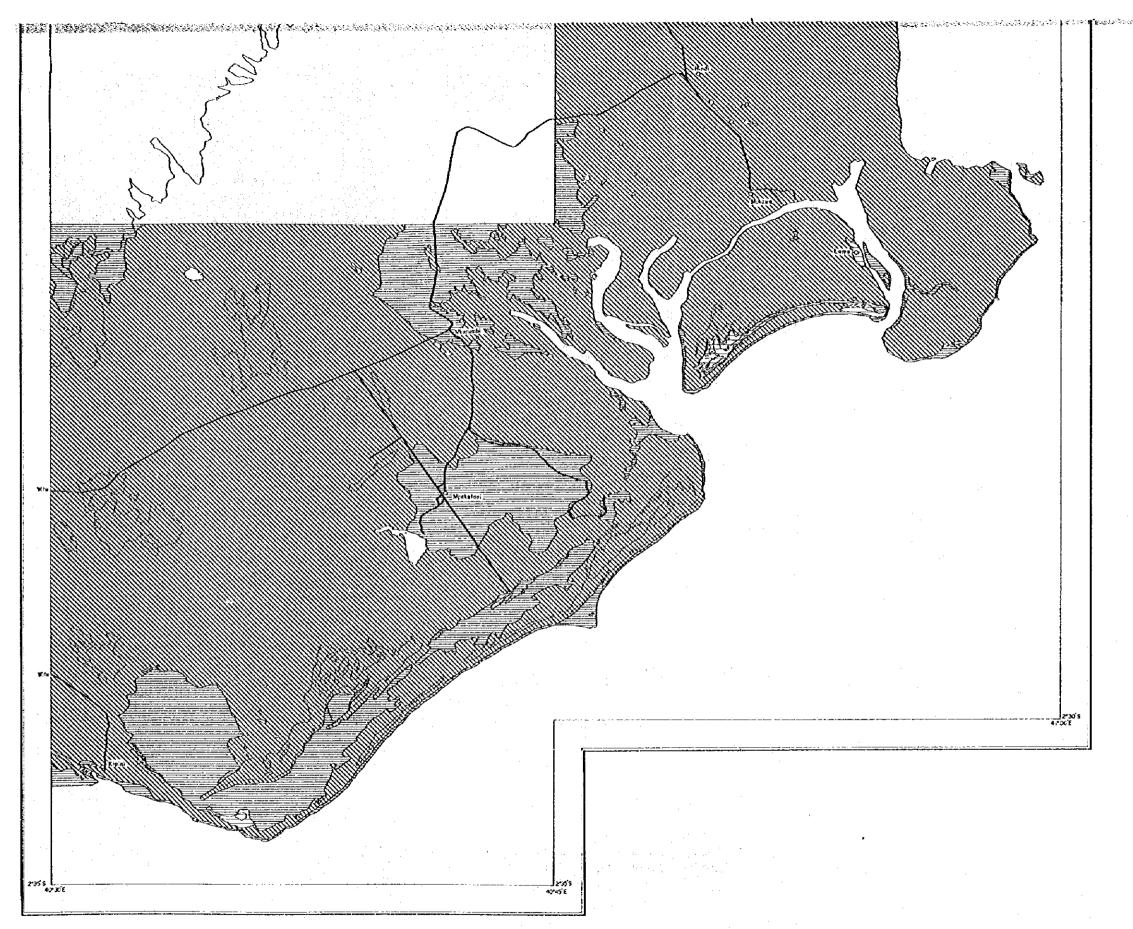
R5 WERY SLIGHT RESISTANCE

WATER

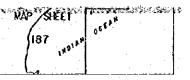
Land classification criterio

Rating of land quality: Resistance to erosion

subrating land qualities	j	2	3	4	5
slope class	A, AB	,	8, 8¢, ¢	7	CD, 0
ogro-climatic cone	L II	111	IV.V.VI.ÝI		
erodobility	done	slight	moderate	strong	very strong
slope tenoth (m)	50	50 - 200	200		







RESISTANCE TO EROSION

RI 88888	VERY HIGH RESISTANCE
R2	HIGH RESISTANCE
R3 ∭	MODERATE RESISTANCE
R4 🗐	SLIGHT RESISTANCE
R5 🖃	VERY SLIGHT RESISTANCE
	WATER

Land classification criteria

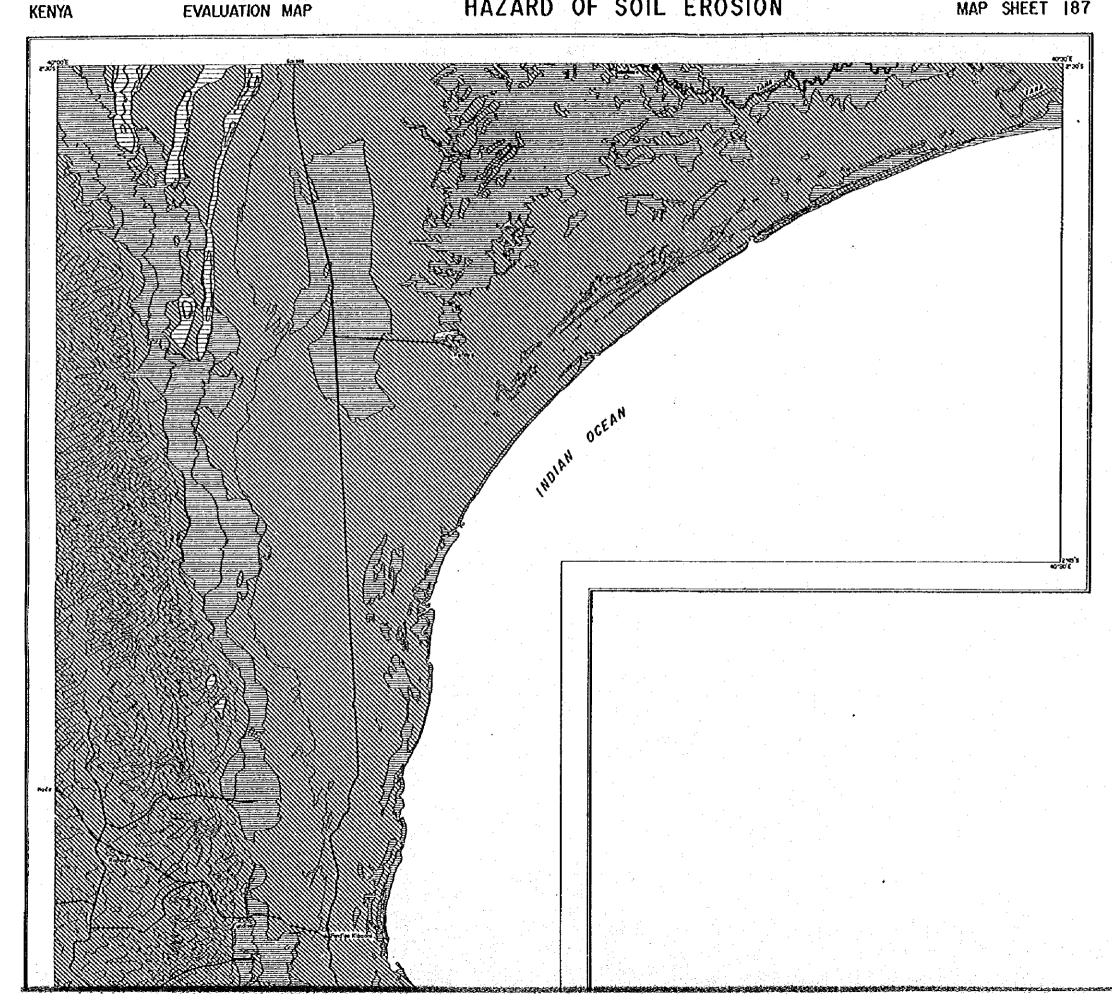
Roting of land quality: Resistance to erosion

subroting land qualifies	. · •	г	3	4	5
stope closs	A, AB		B, BC, C		CO D
ogro-climotic zona	i, II	111	BV, (V, V)		
erodobility	none	slight	moderate	strong	strong
slope length (m)	50	50 - 200	200		
final reting	\$	ummed subro	iting		
8 (4 - 6	very high	resistance	
R 2		7 - 9	high resiste	ince	
83		10 - 12	moderate i	esistanc e	•
R 4		13-15	slight resis	lance	
R 5		16-18	very stight	resistance	!

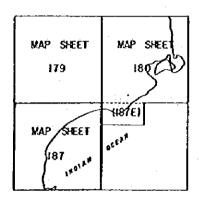
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LEGEND

RESISTANCE TO EROSION

RI	8883	VERY	HIGH	RESI	STANCE
	4				

R2 HIGH RESISTANCE

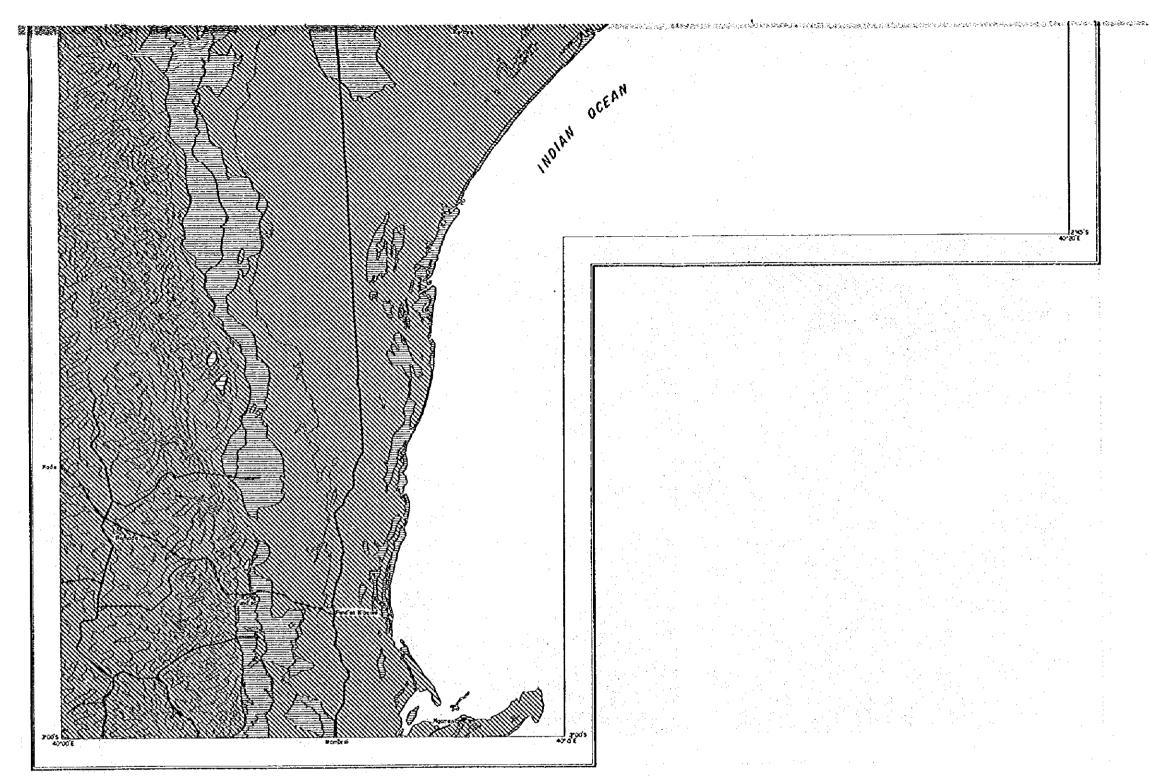
R3 MODERATE RESISTANCE R4 SLIGHT RESISTANCE

R5 VERY SLIGHT RESISTANCE

WATER

Land classification criteria Rating of land quality: Resistance to erosion

subrolling land qualifies	1	S	3	4	5
slope class	A, AB		8, 8¢, ¢	1.	CO, D
ogra-climatic zone	1, 11	111	(V. V. VI, V8		
erecobely	R2A	alight.	masarala	~ e1000	Very







RESISTANCE TO EROSION

ŔŤ	888	VERY HIGH RESISTANCE
D2		HIGH RESISTANCE
*1 6		HIGH PESISTANCE

Land classification criteria

Roting of land quality: Resistance to erosion

subroting land qualities	ŧ	2	3	4	5
slopa eless	A, AB		B, 8C, C		CD, D
ogra-climatic 2012	J , {	III .	IV.V.VI.VI		4
trodobility	BION	slight	moderate	strong	very strong
slope length (m)	50	50 - 200	200		
final rating		ummed subro	iting .		
R I		4 - 6	very high	resistance	
R 2		7 - 9	high resisto	ence	
R 3	•	30 - 12	moderate i	resistance -	
R 4		13-15	stight resis	lonce	100
R 5		16-18	very slight	resistance	

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MAP SHEET 179	MAP SHEET
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LEGEND

SUITABILITY CLASS

SI HIGHLY SUITABLE

\$2 MODERATELY SUITABLE

S3 MARGINALLY SUITABLE

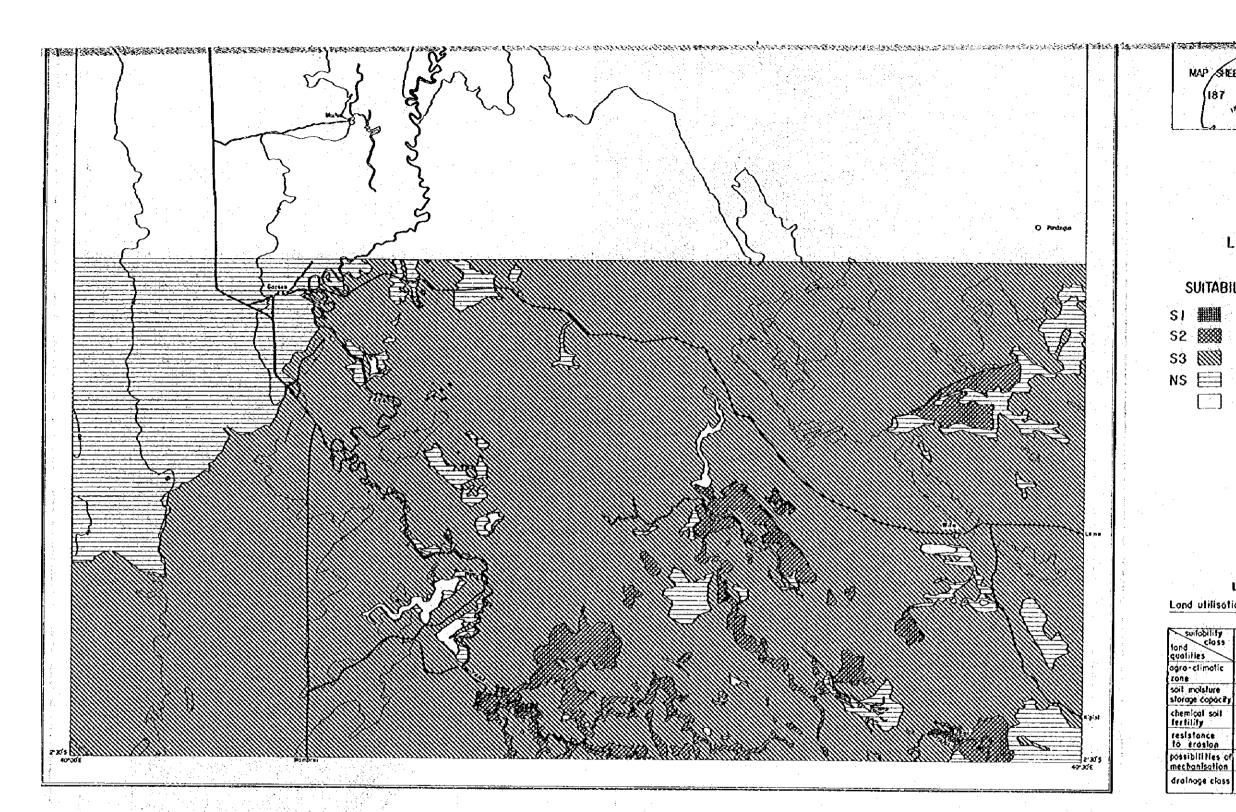
NS UNSUITABLE

WATER

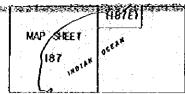
Land classification criteria

Land utilisation type: Small holder rainfed, mixed farming (cashem, maize, etc.)

sulability land qualities	\$ 1 Highly suitable	S 2 Mod svilable	S 3 Marg suitable	N S Unsvitable
agra-climatic	t, it, iii	· IV:	٧	YI. YII
soil moisture »	WHY MAY CO	maderale were	-lower tell me	TOTAL MAN







SUITABILITY CLASS

SI HIGHLY SUITABLE

S2 SSSS MODERATELY SUITABLE
S3 SSSS MARGINALLY SUITABLE

NS W UNSUITABLE

WATER

Land clossification criteria

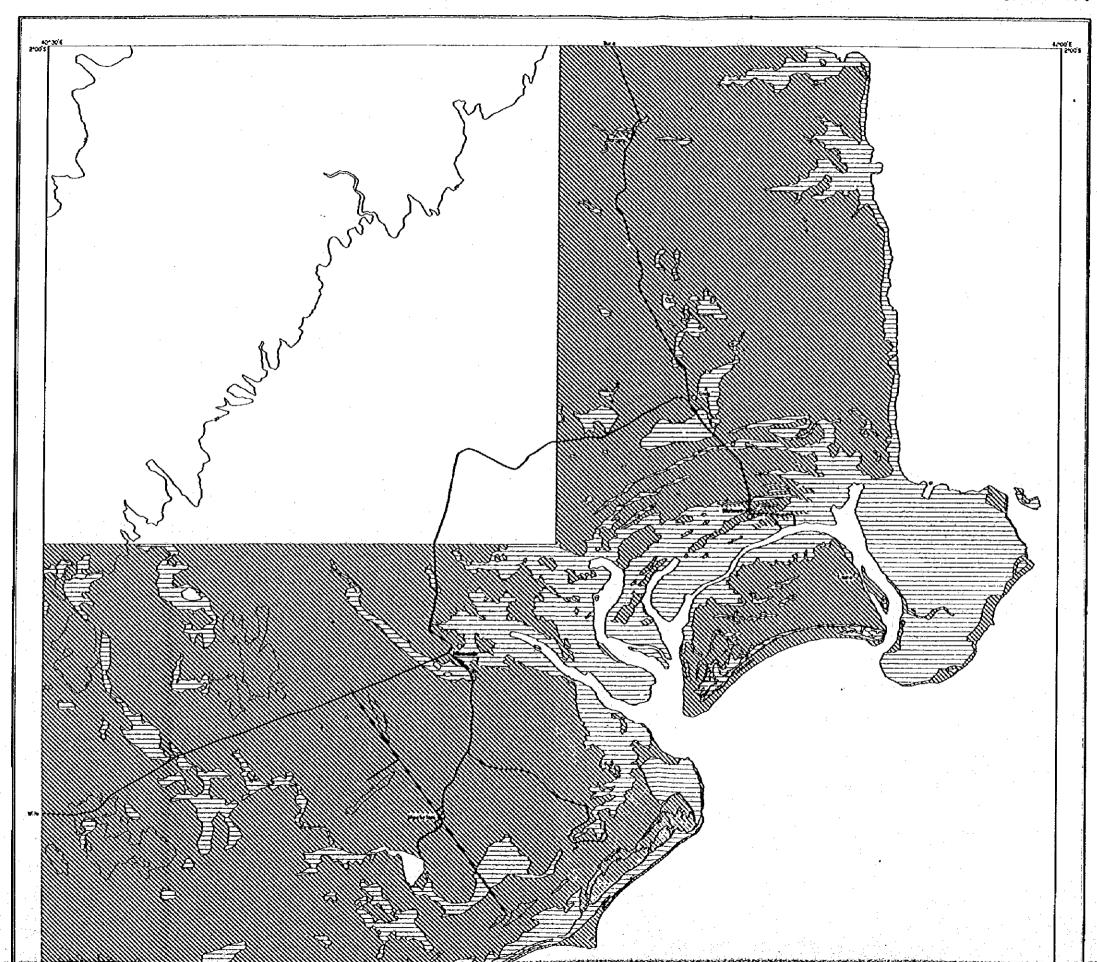
Land utilisation type: Small holder tainfed, mixed farming (cashew, maize, etc.)

suifability land qualifies	S I Highly suitable	S 2 Mod. suitable	S 3 Morg suitable	N S Unsuitable
ogra-climatic zone	3, (), (ii	ΙV	V	VI, VII
sóit meisture storage copácity	very high, high	moderate	low, very	
chemical soil	very high to maderale	tow	very low	
resistance to erosion	very high high	moderale	slight	very slight
possibilities of mechanisation	very good, good	very good,	moderate	poor, very
drainage class	excessively to well	moderalely well	imperfectly	poorly, very

SHEET HISTORY

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 MAP SHEET 179	MAP SHEET
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LEGEND

SUITABILITY CLASS

SI HIGHLY SUITABLE

S2 MODERATELY SUITABLE

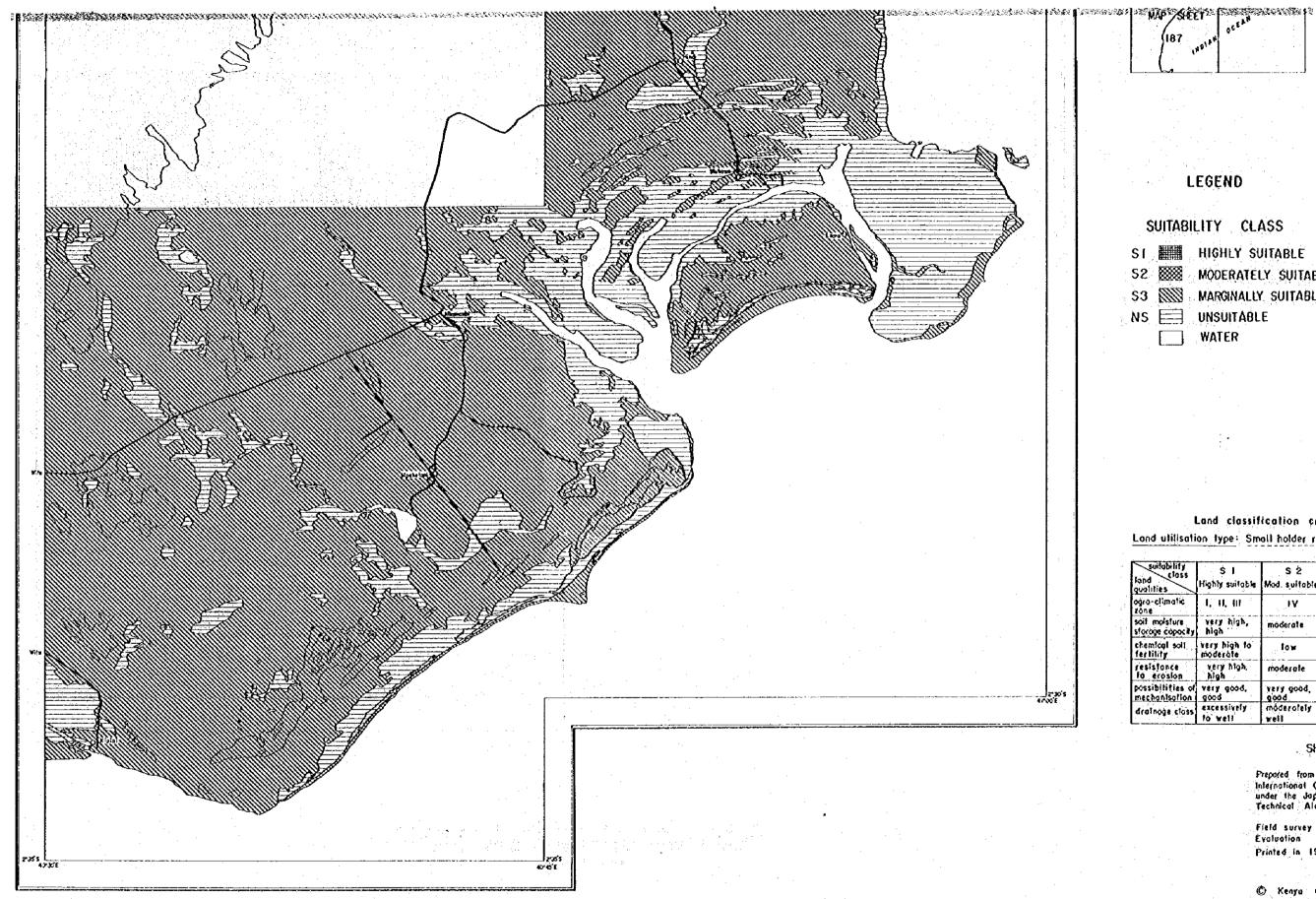
\$3 MARGINALLY SUITABLE NS E UNSUITABLE

WATER

Lond classification criterio

Land utilisation type: Small holder rainfed, mixed farming (coshew, maize etc)

sulability	\$ 1	S 2	\$ 3	NS
land qualities	Highly suitable	Mod. suitable	Mara suitable	Unsuitable
ogró-climatic	l, 11, 111	IV	· · · · · · · · · · · · · · · · · · ·	n Xda XII tangs



SUITABILITY CLASS

SI HIGHLY SUITABLE

S2 MODERATELY SUITABLE

\$3 MARGINALLY SUITABLE

NS 🗐 UNSUITABLE

WATER

Land classification criteria

Land utilisation type: Small holder rainfed, mixed farming (coshew maize etc)

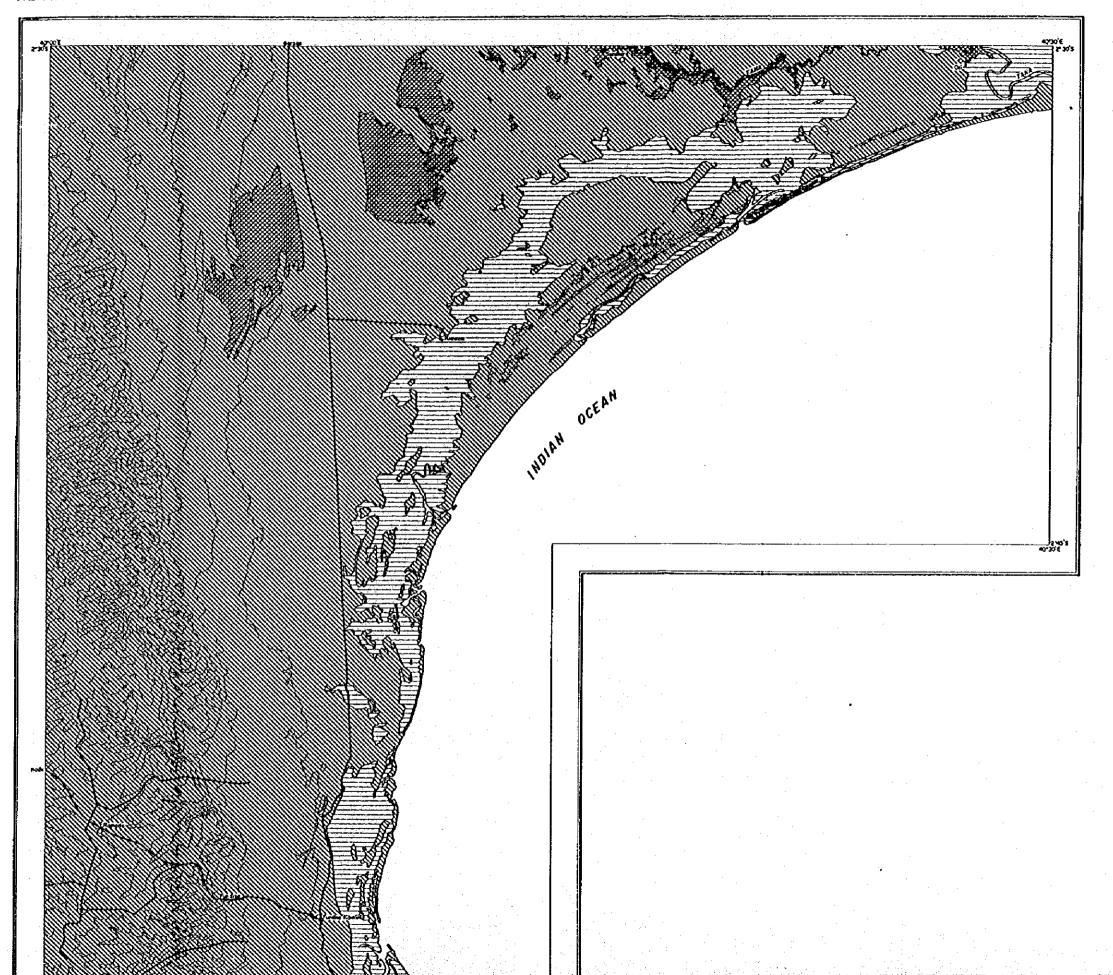
suilability land qualities	S I Highly suitable	S 2 Mod. suitable	\$ 3 Marg suitable	N S Unsuitable
ogro-climatic zone	1, 11, 10	.17	γ	V), VII
soji moisture stocoge copocity	pigh,	moderate	low, very	
chemical soil	very high to moderate	low	very low	
resistance fo erosion	very high, high	moderate	stight	very slight
possibilities of mechanisation	very good.	very good,	moderate	poor, very
drainoge class	excessively fo well	moderately well	imperfectly	poorly, very poorly

. SHEET HISTORY

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Field survey 1981-1982 Evaluation 1983 Printed in 1984





MAP SHEET	MAP SHEET
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LEGEND

SUITABILITY CLASS

SI HIGHLY SUITABLE

S2 MODERATELY SUITABLE

S3 MARGINALLY SUITABLE

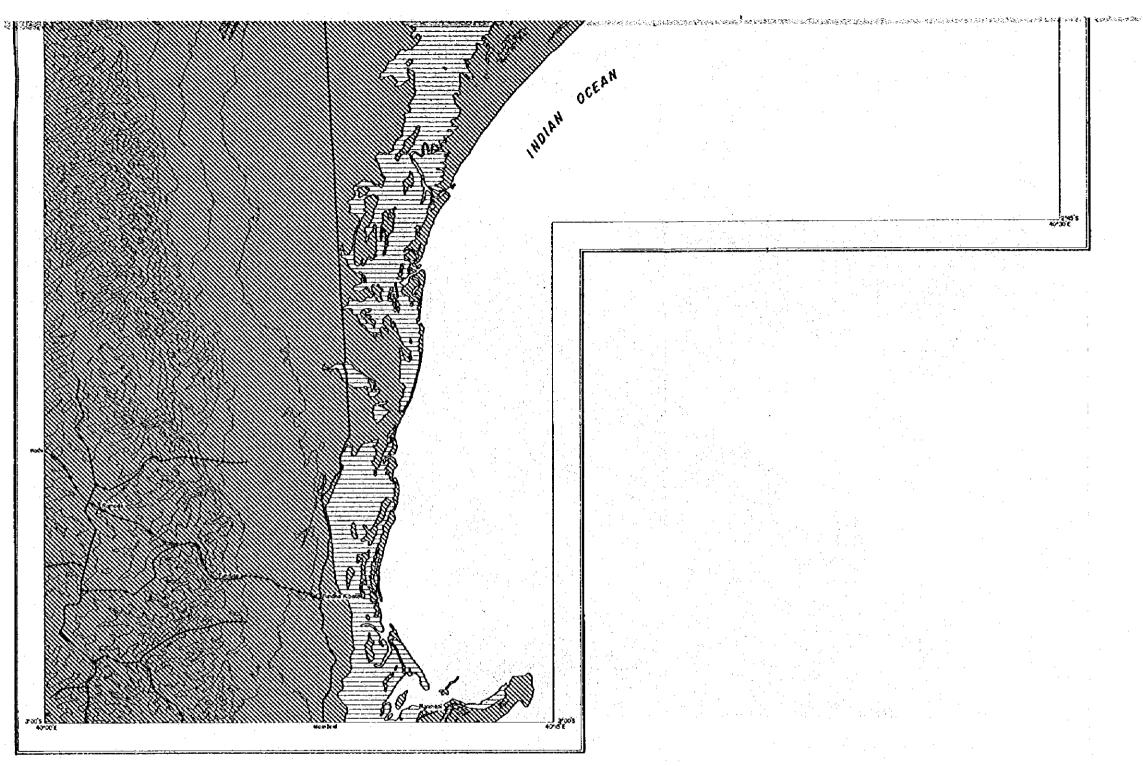
NS UNSUITABLE

WATER

Lond classification criterio

Land utilisation type: Small holder rainfed, mixed farming (cashew, maize, etc.)

sulability land qualities	S 1 Highly suitable	S 2 Mod. suitoble	S 3 Marg suitable	N S Unsuitable	
ogra-climotic 2016	l, tl, fil	ΙV	٧	VI, VII	
toil moisture	MAN Nichon	******	Jour Mary	Takan Kankan Kankan	L







SUITABILITY CLASS

SI	HIGHLY	SUITABLE

52	****	HAAR	DATELV	CUITAGE	
) C.	1000000	MUUL	RATELY	SUITABL	Į

S3 MARGINALLY SUITABLE

WATER

Land classification criterio

Land utilisation type: Small holder rainfed, mixed farming (cashew, maize, etc.)

			74	
suitability fend qualities	S I Highly suitable	S 2 Mod. suitable	S 3 Marg sultable	N S Unsuitable
oğra-climatic zosé	I, O, BI	ΙΥ	٧	V), VII
soil moisture storage capacity	very high, high	moderate	low, very	
chemical soil fertifity	very high to moderate	lów	very low	
resistance to erosian	very high high	moderale	slight	very slight
possibilities of mechanisation	very good, good	very good, good	moderate	poor, very
drainage class	excessively to well	moderately well	Imperfectiv	poorly, very poorly

SHEET HISTORY

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MAP SHEET 179	MAP SHEET
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LEGEND

SUITABILITY CLASS

SI HIGHLY SUITABLE

S2 MODERATELY SUITABLE

S3 MARGWALLY SUITABLE

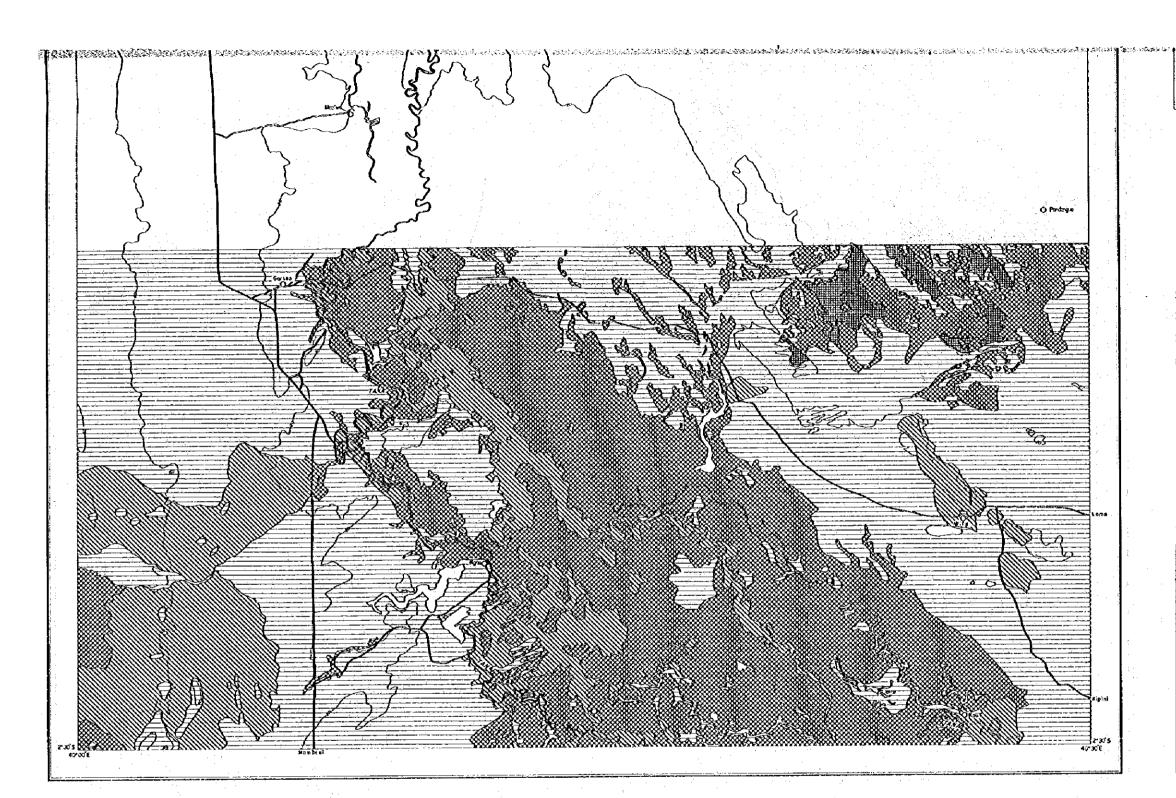
NS WINSUITABLE

WATER

Land classification criteria

Land utilisation type: Irrigated agriculture (Mainly rice)

Sulphilly	SI	S 2	S 3	NS
and class volities	Highly suitable	Mod suitoble	Marg. suitable	Unsuitable
fexture top	loom to clay	foom to clay	sand to sondy toom	
fexfure seb	silf clay to clay	foom to clay	sondy foom	sand to loomy sand
otkolinity: ESP (%)	C 15	15 + 30	15 - 30	>30
salinity: ECe (mmho)	< 4	4 - 8	4 - 8	> 8
oil depth (cm)	>80	50 - 80	25 - 50	







SUITABILITY CLASS

S١	HIGHLY SUITABLE
\$2	MODERATELY SUITABLE
S 3	MARGINALLY SUITABLE

33	V11177	Inditoria Eco.
NŚ		UNSUITABLE

OHOUTH
WATER

Land classification criteria

Land utilisation type: Irrigated ogriculture (Moinly rice)

suitability	SI	\$ 2	S 3	NS
land qualifies	Highly suitable	Mod suitable	Marg. suitable	Unsuitable
téxture top	loom to clay	loom to clay	sand to sondy toom	
texture sub	sitty clay to clay	loom to clay	sondy loom	sond to loomy
olkolinity: ESP (%)	< 15	15 - 30	15 - 30	>30
solinity: ECe (mmho)	< 4	4 - 8	4 - 8	> 8
soil depth (cm)	>80	50 - 80	25 - 50	
drainage class	well to imperfectly	poorly	poorly	excessively, somewhat exces- sively very poorly
vegetation coverage (%)	0~ 20	20~40	40~80	>80
stope length (m)	>200	50 - 200	50 - 200	< 50
slope (%)	(1	₹.}	1 - 2	> 2

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MAP SHEET	MAP SHEET
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LEGEND

SUITABILITY CLASS

SI HIGHLY SUITABLE

S2 MODERATELY SUITABLE

S3 MARGINALLY SUITABLE

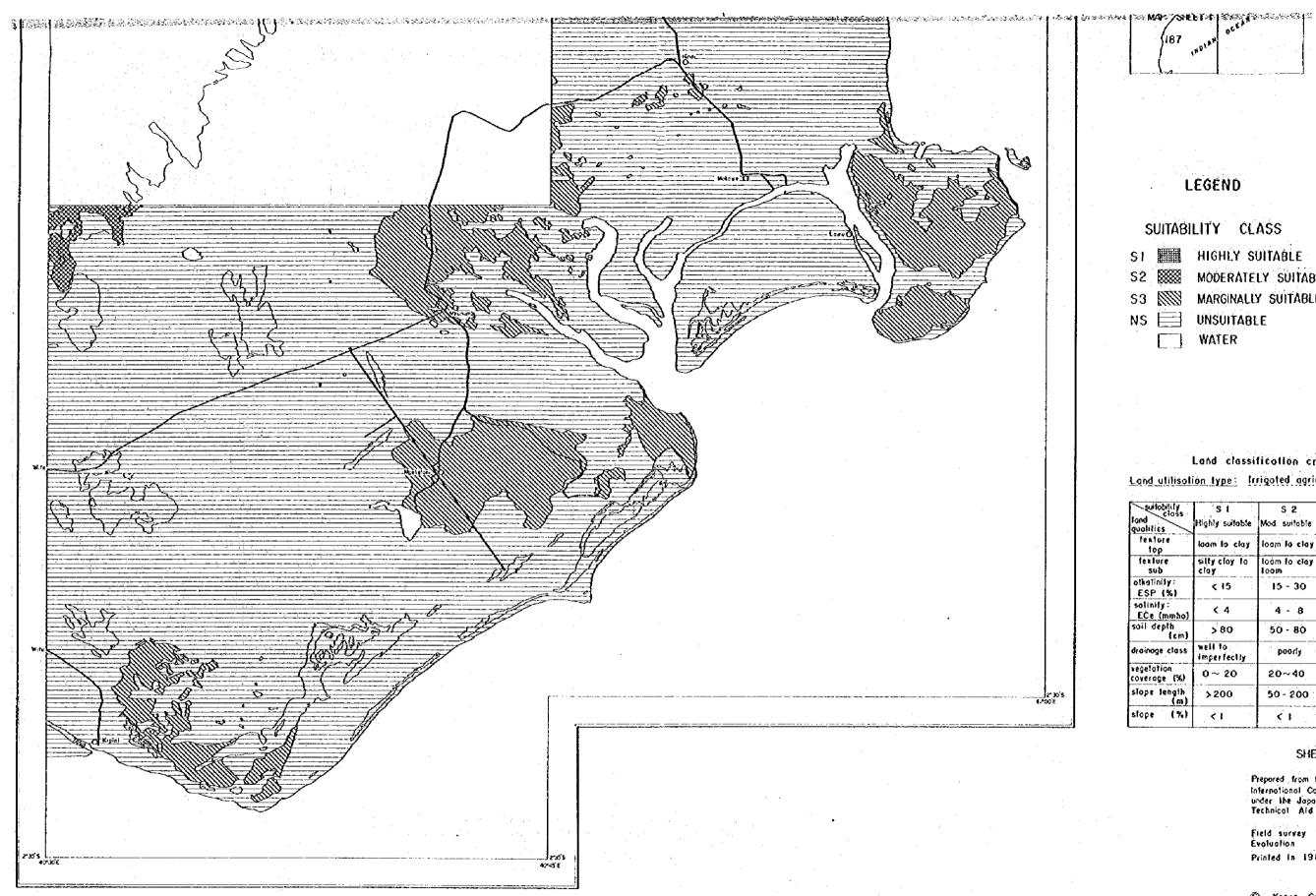
NS UNSUITABLE

WATER

Land classification criteria

Land utilisation type: freigoted agriculture (Mointy rice)

suitobility closs land qualities	S I Highly suloble	S 2 Mod suitable	\$ 3 Morg. suitable	NS Unsuitable
feature top	•	loom to clay	sand to sondy	
feature sub	silty clay to	loom to clay toom	sendy loom	sand to toomy
olkalinity: ESP (%)	₹ 15	15 - 30	15 - 30	>30
solinity:	Lange Com	7.4. J. B.	Loss A sea Reserve	A A A A A A A A A A A A A A A A A A A





SUITABILITY CLASS

SI HIGHLY SUITABLE

S2 MODERATELY SUITABLE

MARGINALLY SUITABLE

UNSUITABLE

WATER

Land classification criteria

Land utilisation type: Irrigated agriculture (Mainly rice)

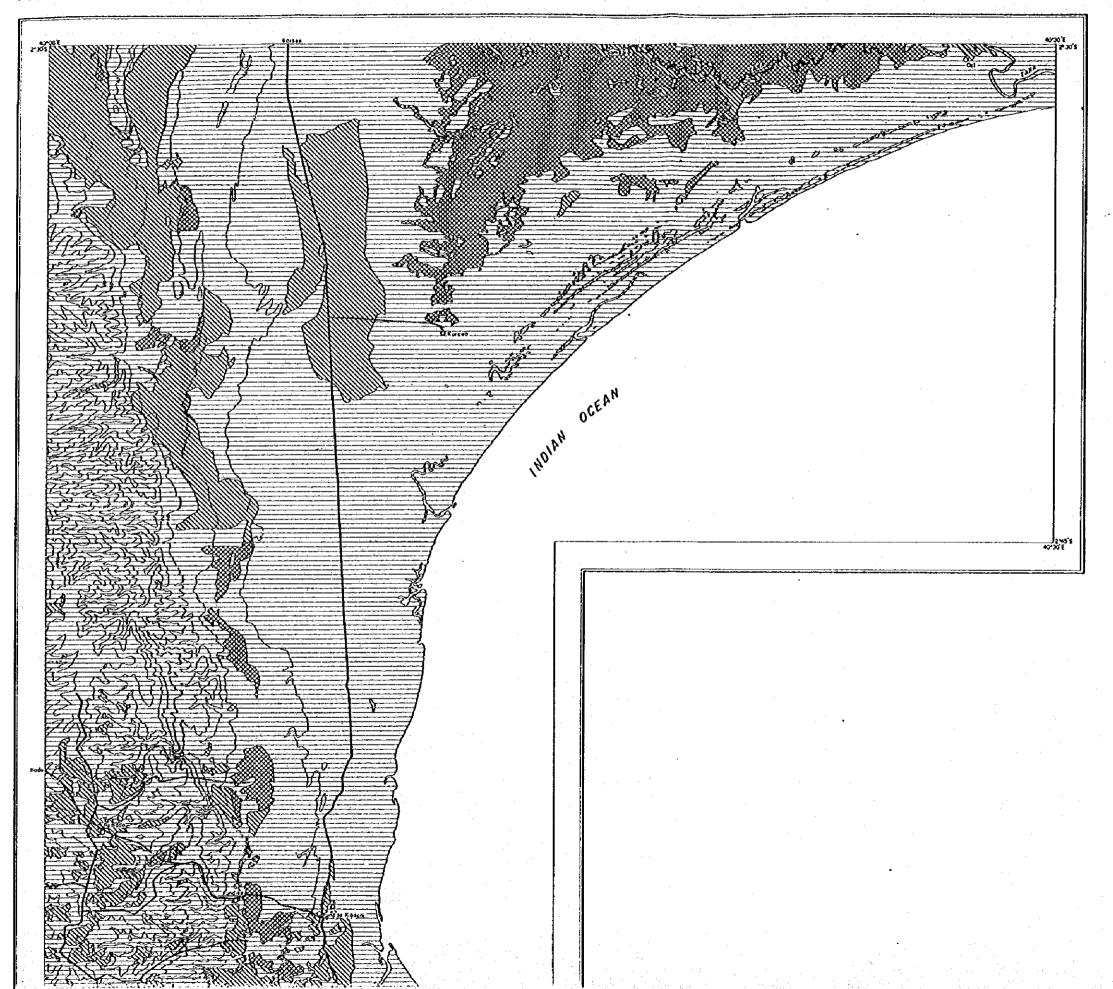
suitobility	S 1	S 2	\$ 3	NS
land qualities	Highly suitable	Mod suitable	Marg. suitable	Unsuitoble
texture top	laam to clay	loam la clay	sand to sandy toom	
texture sub	silty clay to clay	loom to clay toom	sandy loam	sand to loomy
otkatinity: ESP (%)	< 15	15 - 30	15 - 30	>30
solinity: EČe (mmho)	< 4	4 - 8	4 - 8	> 8
soil depth (cm)	> 80	50 - 80	25 - 50	
drainage class	well to imperfectly	poorly	poorly	excessively, somewhat exces- sively,very poorly
vegetation coverage (%)	0~ 20	20~40	40~80	>80
slope length (m)	>200	50 - 200	50 - 200	₹50
slope (%)	, < 1	<1	1 - 2	> 2
		b	1	

SHEET HISTORY

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LEGEND

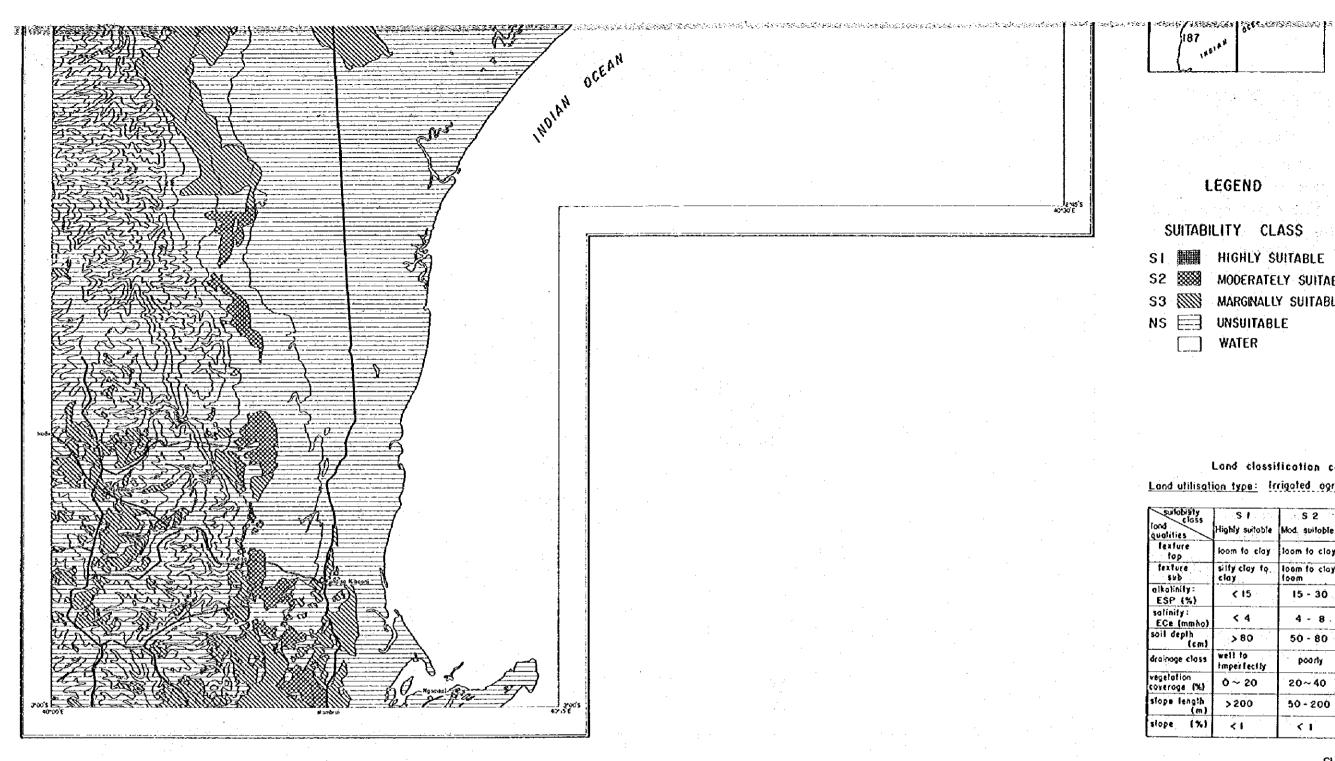
SUITABILITY CLASS

- SI HIGHLY SUITABLE
- S2 MODERATELY SUITABLE
- S3 MARGINALLY SUITABLE
- NS WOUTABLE
 - WATER

Lond classification criterio

Land utilisation type: Irrigated agriculture (Majoly rice)

sulobility closs	S I	5 2	8.3	NS
fond qualities	Highly suitable	Mod suilable	Mora, suitable	Unsuitable
texture top	loom to clay	foom to clay	sand to sondy	
lexture sub	sity clay to	loam to clay	sondy loom	sand to foomy
atkolinity: ESP (%)	< 15	15 - 30	15 - 30	>30
satinity: EČe (mmho)	< 4	4 - 8	4 - 8	> 8
soil depth (cm)	>80	50 - 80	25 - 50	







SUITABILITY CLASS

ŠĪ		HIGHLY	SUITABLE
J I	वारसमय	HIVHER	SOLINBLE

			
S2	3333	MODERATELY	SUITARLE

	4.7	
C3 (((()))	MARGINALLY	CHITADIC
77 77/1	MAROKALLI	DULLHOLL



Land classification criteria

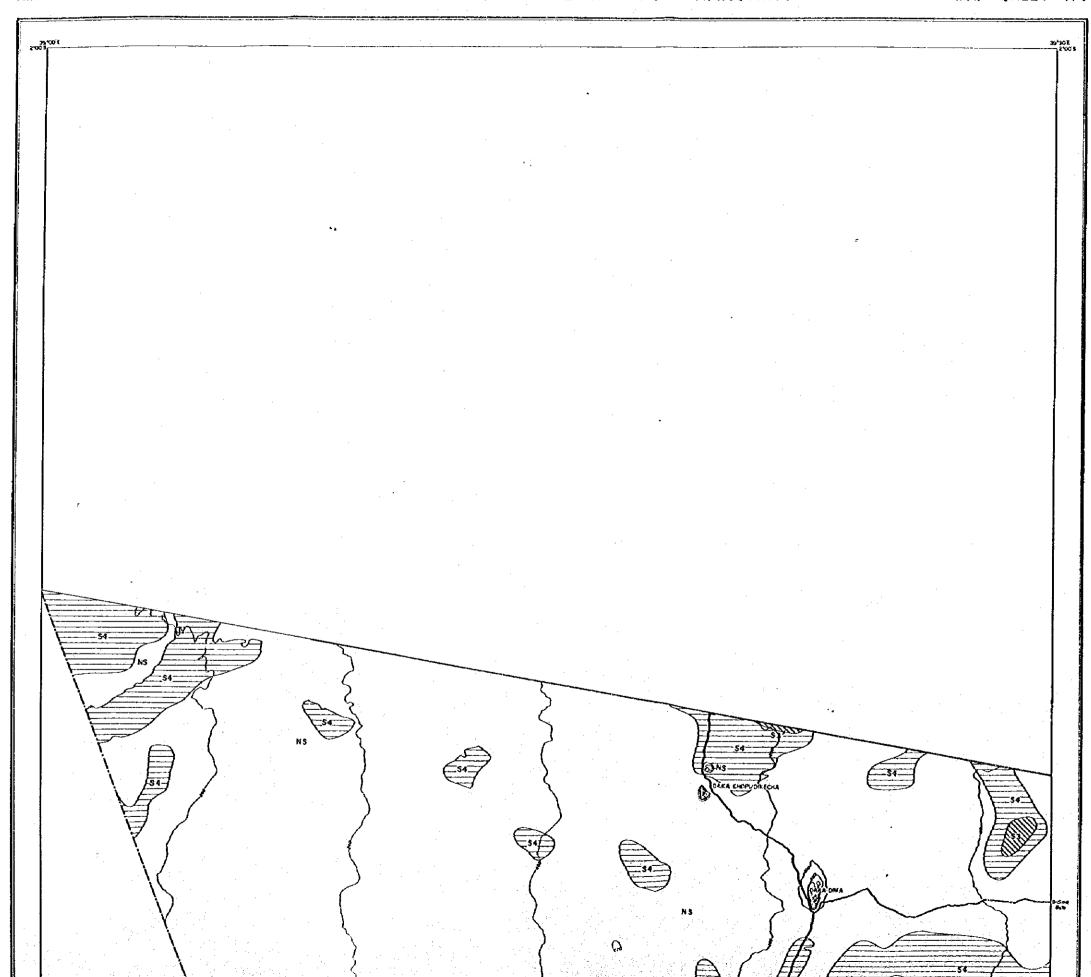
Land utilisation type: Irrigated agriculture (Mainly rice)

sulobility closs	SI	S 2	\$ 3	NS .
lond qualities	Highly suitable	Mod suitable	Morg suitable	Unsuitable
fexfure top	loom to clay	loom to clay	sond to sondy foam	
fexture sub	silfy clay to	loom to clay	sandy loom	sand to toomy
alkalinity: ESP (%)	< 15	15 - 30	15 - 30	>30
satinity: ECe (mmho)	< 4	4 - 8.	4 - 8	> 8
soil depth (cm)	>80	50 - 80	25 - 50	1 / 1
drainage class	well to imperfectly	poorly	poorly	excessively, somewhal exces- sively,very boorly
vegetation coverage (%)	Ŏ ~ 20	20~40	40~80	>80
slope length (m)	>200	50 - 200	50 - 200	₹50
slope (%)	〈 I	< 1	1-2	> 2

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SUITABILITY CLASS

SI HIGHLY SUITABLE

S2 MODERATELY SUITABLE

\$3 MARGINALLY SUITABLE

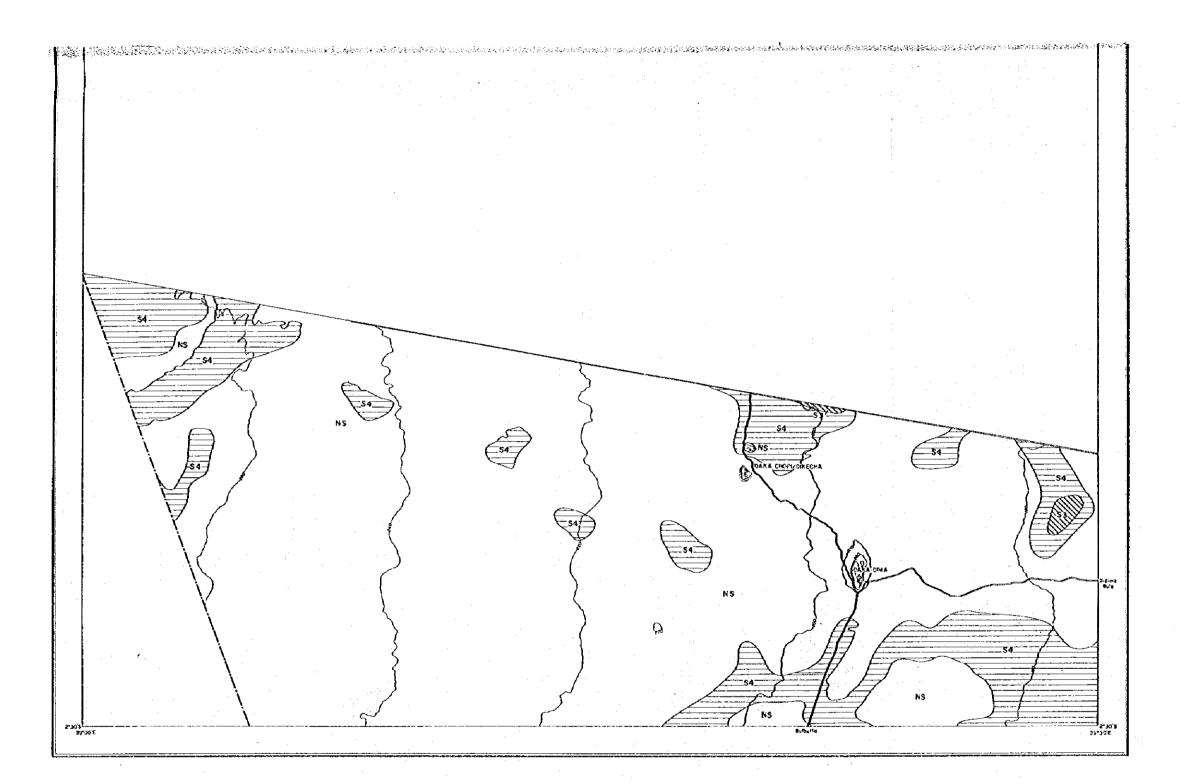
\$4 SUBMARGINALLY SUITABLE

NS UNSUITABLE

Land classification criteria

Lond utilisation type: Ronching (current suitability)

suitability land class qualities	S 1 Highly suitable	S2 Moderalely suitable	S 3 Marginally suitable	\$ 4 Submarginally suitable	N S Unsuitable
ogra-climatic Zose	L 11, 111	IV. V	VI	Vil	
vege fation	G-1-2, Fo	BG-1-2-3	8-1-2 W8:1.2-		F-23.WBI-I, Cr.Co.Cz.Fm





SUITABILITY CLASS

SI HIGHLY SUITABLE

S2 MODERATELY SUITABLE

\$3 MARGINALLY SUITABLE

\$4 SUBMARGINALLY SUITABLE

NS UNSUITABLE

Land classification criteria

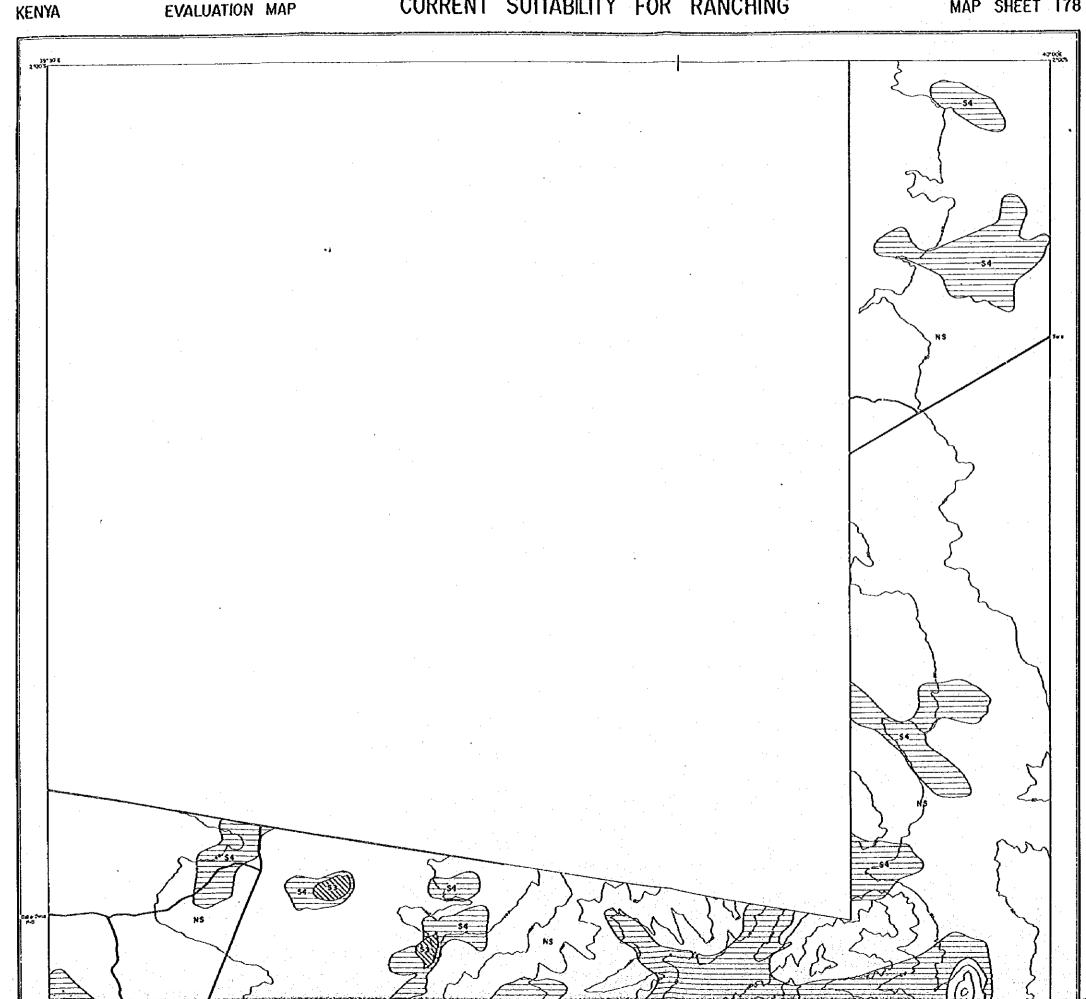
Land utilisation type :- Ranching (current suitability)

suitability tand qualities	Š I Highly suitoble	\$2 Moderately suitable	S3 Marginally suitable	\$ 4 Submarginaliv suitable	N S Unsvitable
ogra-climatic	t, 11, 111	IV. V	Υl	VII	
vegetation	G-1-2, Fo	BG- I-2-3	B- 1.2		F-2:3,WBI-I, Cr,Co,C2,Pm P2,V, Ag, BI
londform	Pa. U. Ud. L. Y. A. PI I 2	B, V, Pf	Oz, H, F	С	O. Hr. Hs. W. S
soil	νρ, lc. bk	xk	qf. so		i ·
ovaitobility of water	5	4	3	. 2	ı

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MAP SHEET	MAP SHEET	
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SUITABILITY CLASS

SI HIGHLY SUITABLE

\$2 MODERATELY SUITABLE

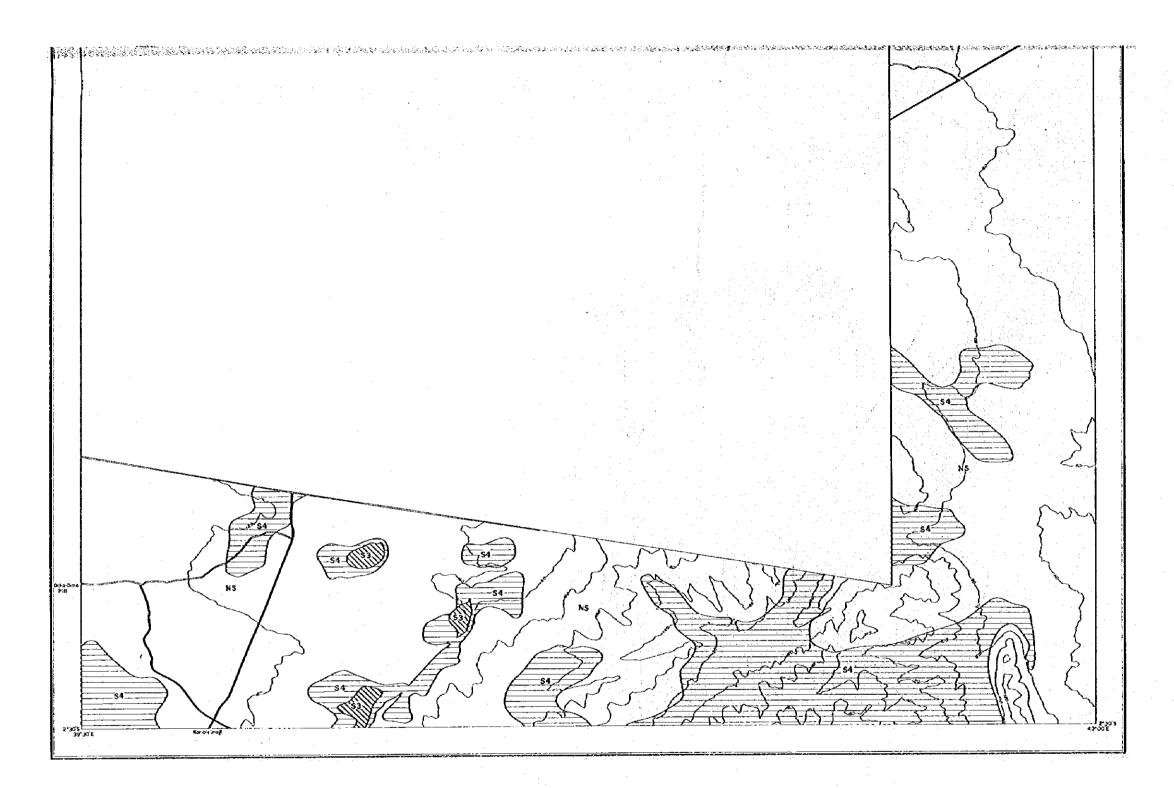
\$3 MARGINALLY SUITABLE

\$4 SUBMARGINALLY SUITABLE

NS UNSUITABLE

Land classification criteria Lond utilisation type: Ranching (current suitability)

suitobility land qualities	S I Highly suitoble	\$ 2 Moderately suitable	S3 Morginally suitable	S 4 Submarginally suitable	N S Unsuitable
agro-climatic	દુશુલ	ív. v	٧I	VII	
vegelation	G-1-2, Fa	86-12-3	8 · 1 · 2		F-23,W81-I, Cr,Co,Cz,Pm, Pz,V, Ag, BI





SUITABILITY CLASS

SI HIGHLY SUITABLE

\$2 MODERATELY SUITABLE

\$3 MARGINALLY SUITABLE

S4 SUBMARGINALLY SUITABLE

NS UNSUITABLE

Land classification criteria

Land utilisation type: Ranching (current suitability)

suitability tand qualities	S I Highly suitable	S 2 Moderately suitable	S.3 Marginally suitable	S 4 Submorginally suitable	NS Unsuitable
ogra-climatic zone	t, 11, 111	IV. V	Αi	VII	
vegelation	G-1-2, Fa	BG-1-2-3	8- 1-2 WB-1-2		F-23,WBI-I, Cr.Co.Cz.Pm, Pz.V. Ag. BJ
landform	Pn, U, Ud. L, Y, A, Pl 1-2	B. V. Pf	Dz, H, F	C	Q, Hr, Hs, W. S
5011	vp. fc. bk	×1,	qf. so		1
availabilily of water	5	4	3	5	ŧ

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