

Crop Diversification Potential for KN077

Code Number : KN077 Name of Scheme : Panggong Dalu
 State : Kelantan District : Machang
 Type of Scheme : Gravity
 Water source : Limited to single cropping
 Soil series : 2dt




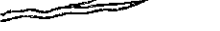
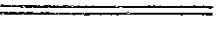



Irrigable area (ha) Main : 45 Off : 0
 Trafficability of farm machinery : Good
 Paddy planting for last 3 years : More than 50% of irrigable area

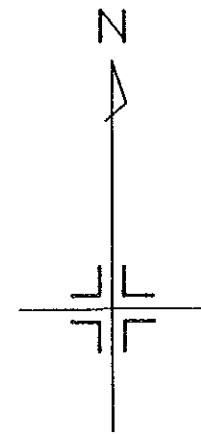
Category	Step 1	Step 2	Step 3		Step 4	Step 5	Step 6	Step 7 (B/C)	Production (ton)
1	*	*	*	Ginger	B	A	-	2.5	675
				Groundnut	A	A	A	0.9	117
				<u>Vegetable</u>	A	A	A	<u>13.8</u>	<u>797</u>
2	*	*	*	Durian/Mango	C	A	A	11.0	306
				Guava	C	A	-	3.1	1,080
				Banana	C	A	A	0.7	473
				<u>Cashewnut</u>	A	A	A	<u>8.7</u>	<u>79</u>
				Papaya	B	A	-	0.6	1,125
				Citrus	B	A	-	2.9	473
				Pineapple	A	A	-	9.5	1,080
				Coconut	A	-	A		197
				Oilpalm	C	A	A	0.9	864
				Cocoa	C	A	A	0.6	140
				Rubber	B	A	A	0.6	62
				Sago	C	-	A		405
				Coffee	A	A	A	0.7	40
				<u>Tea</u>	A	A	A	<u>10.4</u>	<u>59</u>
Clove	B	A	A	1.1	14				
Tabacco	B	A	A	0.7	405				
<u>Sugarcane</u>	A	A	A	<u>3.3</u>	<u>900</u>				
<u>Pepper</u>	A	A	A	<u>16.4</u>	<u>133</u>				
3	*	*	*	Maize	A	-	-		146
				Sorghum	A	-	A		169
				Ginger	B	A	-	2.5	675
				Groundnut	A	A	A	0.9	117
				<u>Vegetable</u>	A	A	A	<u>13.8</u>	<u>797</u>
4	*	*	*	Fodder grasses	A	-	A		
				Pasture	A	-	A		
5									
6									
7	*	*	*		*	*	*		
8									

NOTE Underline : Crops with highest potential (Class A) in terms of crop suitability, profitability, marketability and invest performance (B/C > 1).
 * : Potential categories
 A : Suitable
 B : Marginal suitable due to lack of drainage facilities
 C : Marginal suitable due to limited factors other than drainage conditions
 - : Not suitable

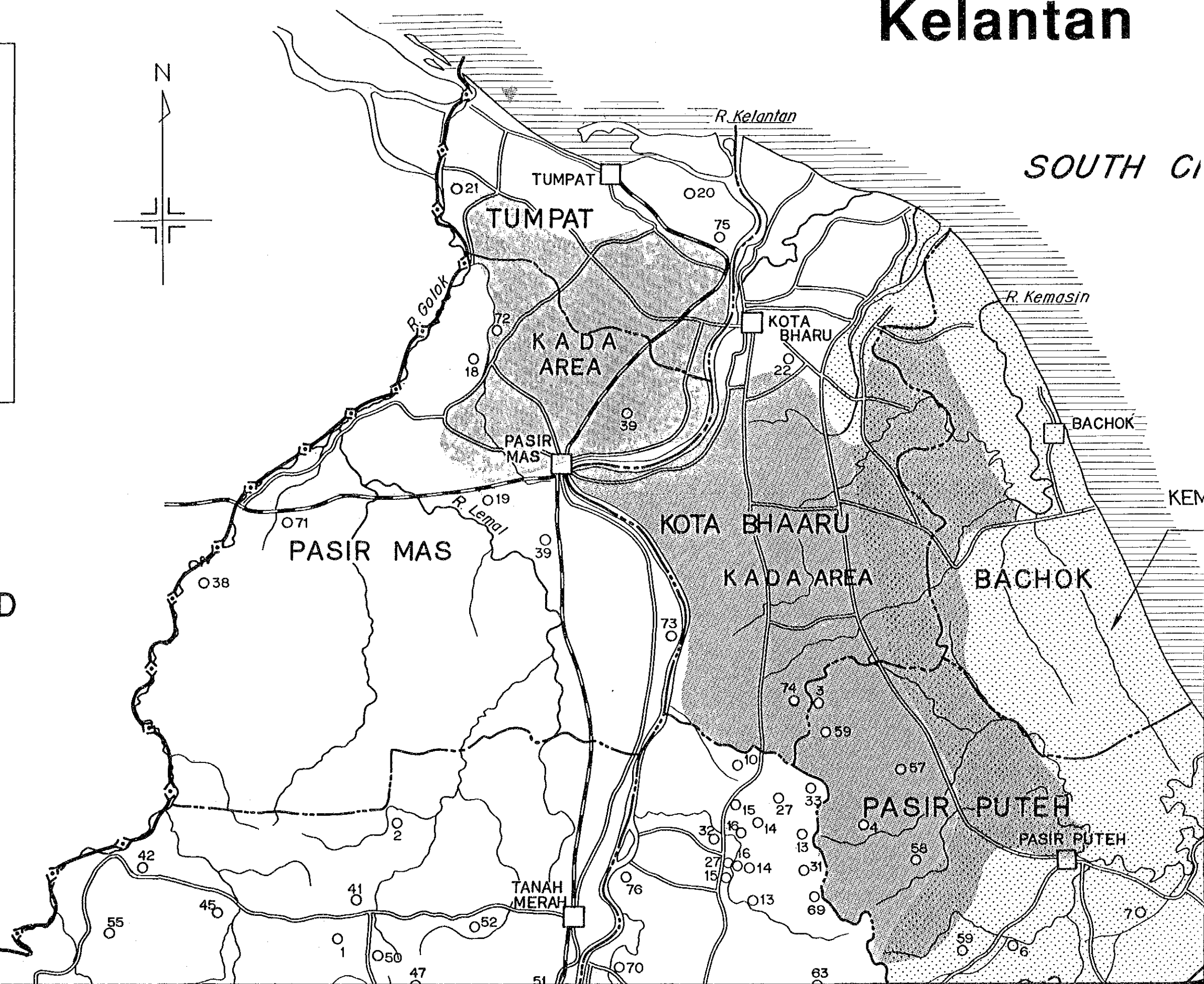
Location of Non-granary Irrigation Schemes Kelantan

LEGEND

-  International Boundary
-  State Boundary
-  District Boundary
-  River
-  Main Road
-  Railway
-  City / Town
-  Irrigation Area



6°
THAILAND



102°

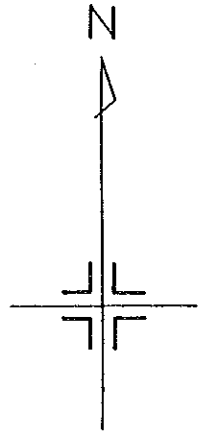
102° 30'

Feasibility Study on Rationalization and Crop Diversification
in Non-granary Irrigated Areas in Malaysia

Location of Non-granary Irrigation Scheme Kelantan

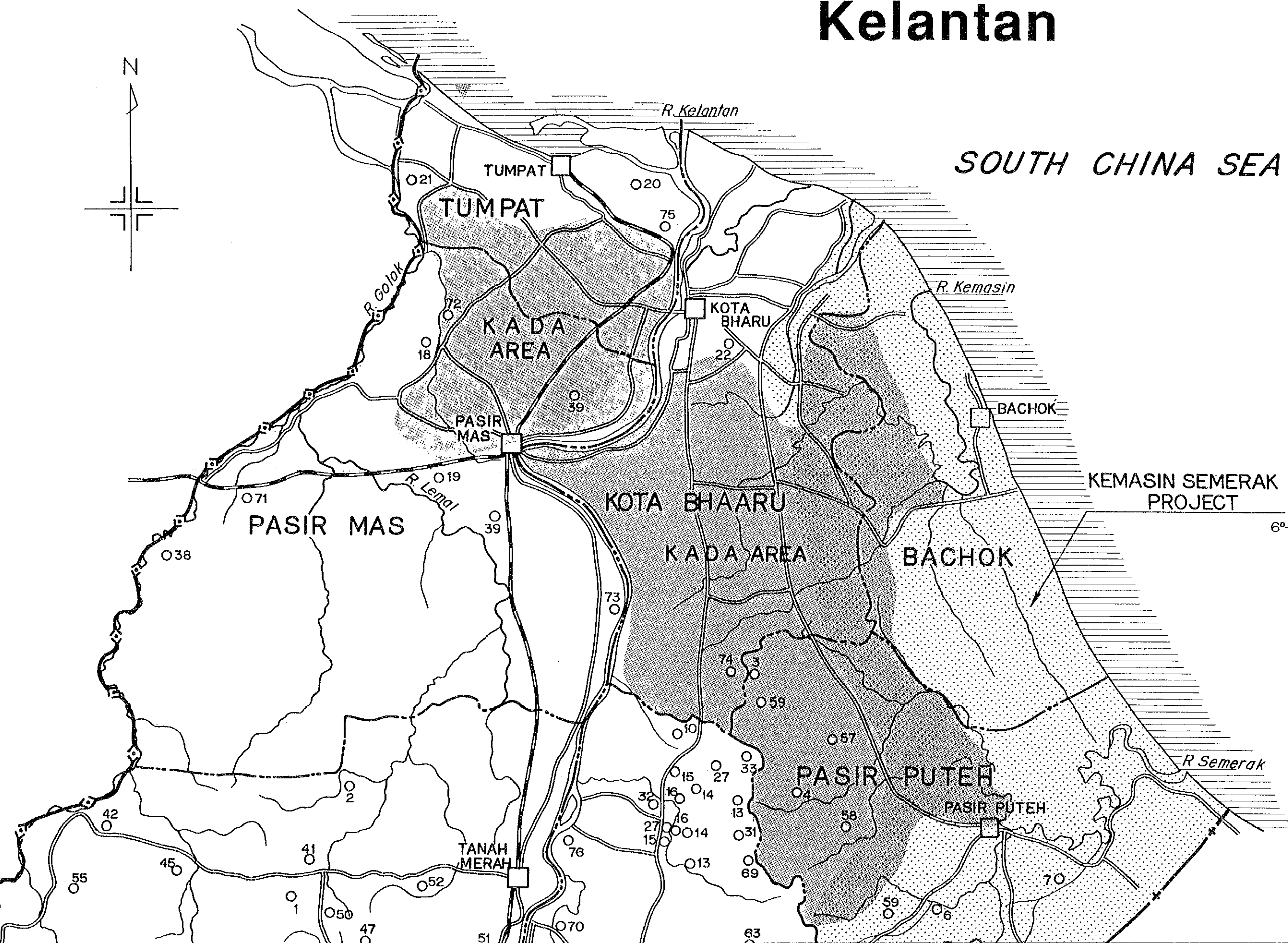
LEGEND

- International Boundary
- State Boundary
- District Boundary
- River
- Main Road
- Railway
- City / Town
- Irrigation Area



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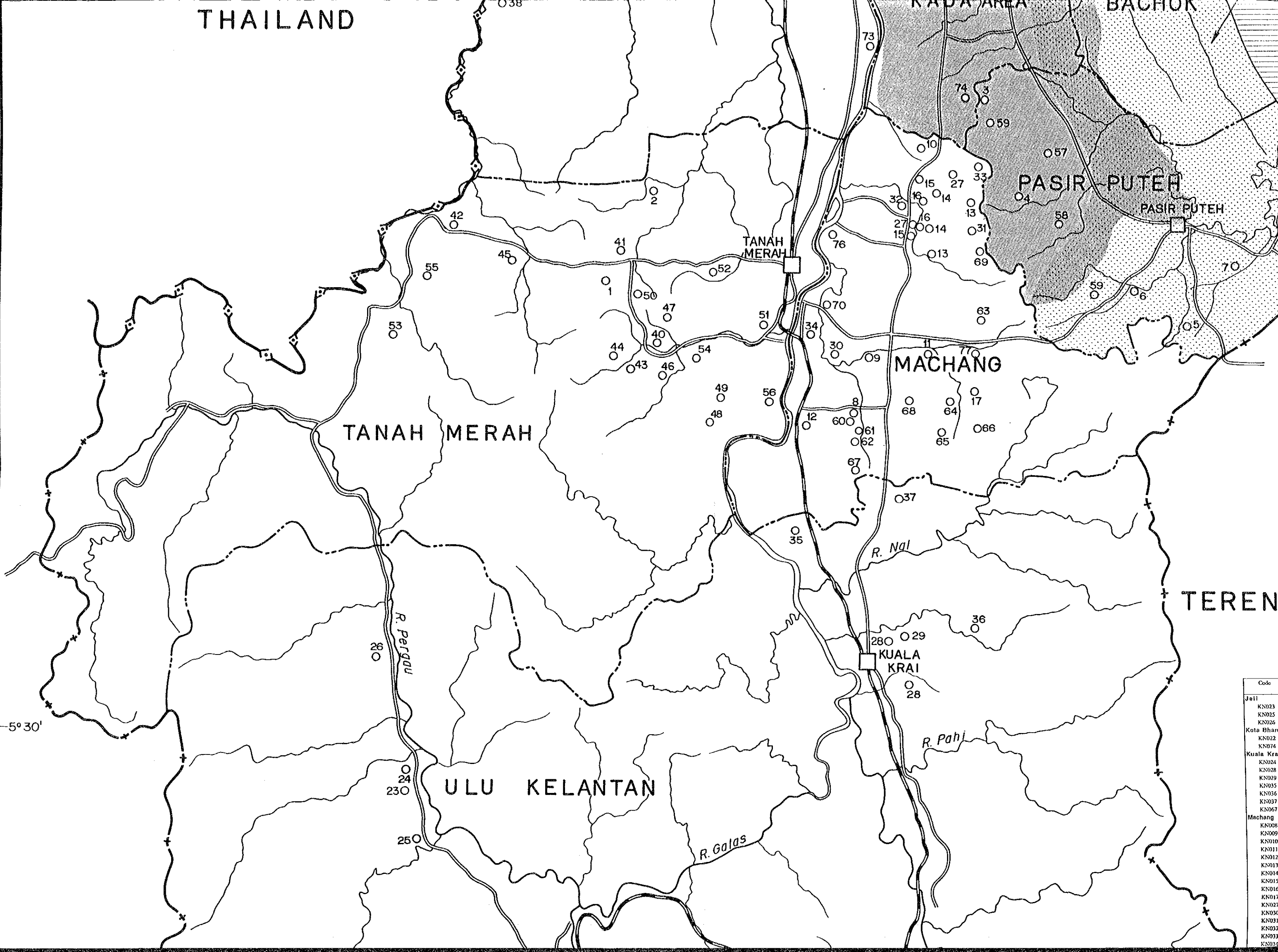
SOUTH CHINA SEA



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KADA AREA

BACHOK

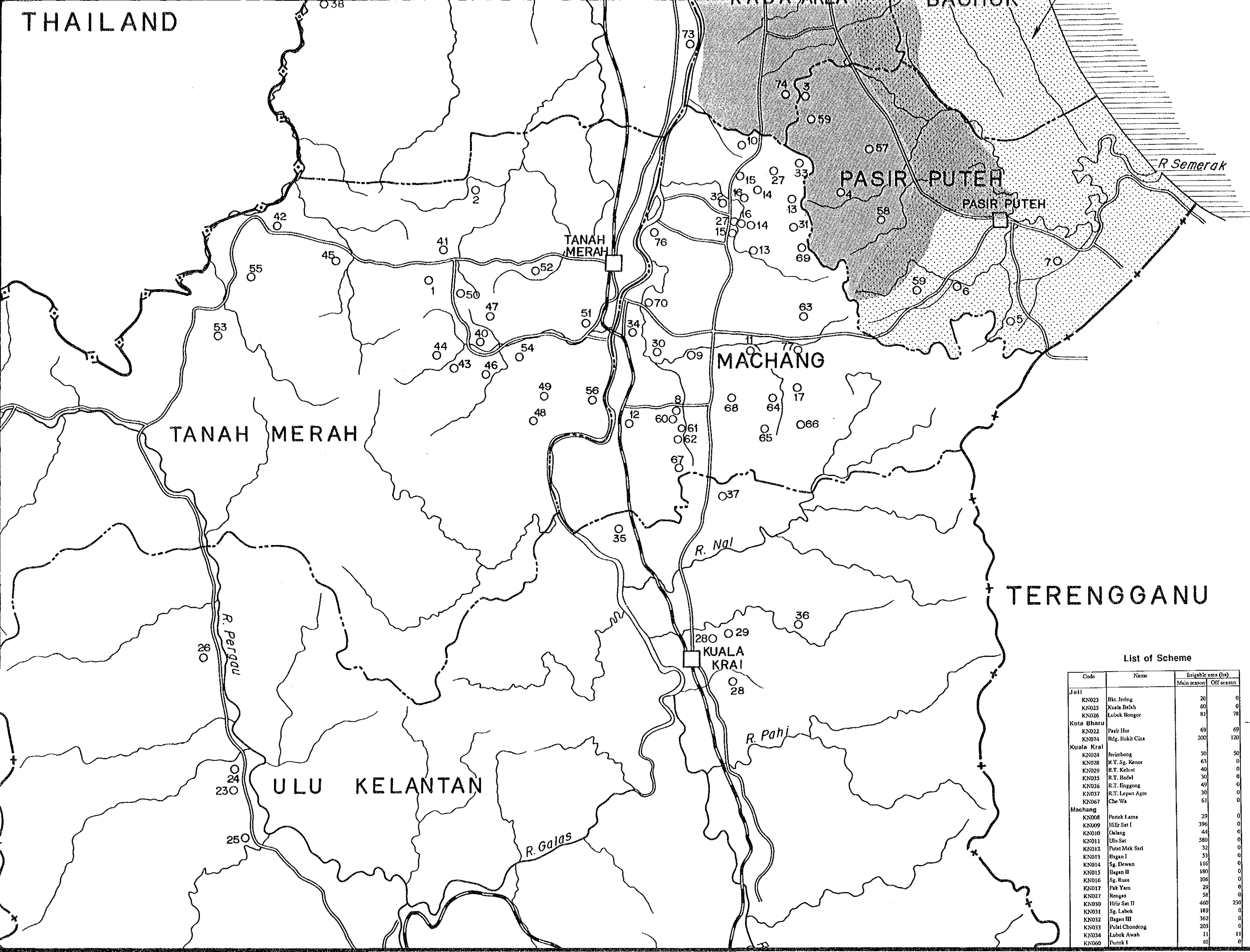


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5° 30'

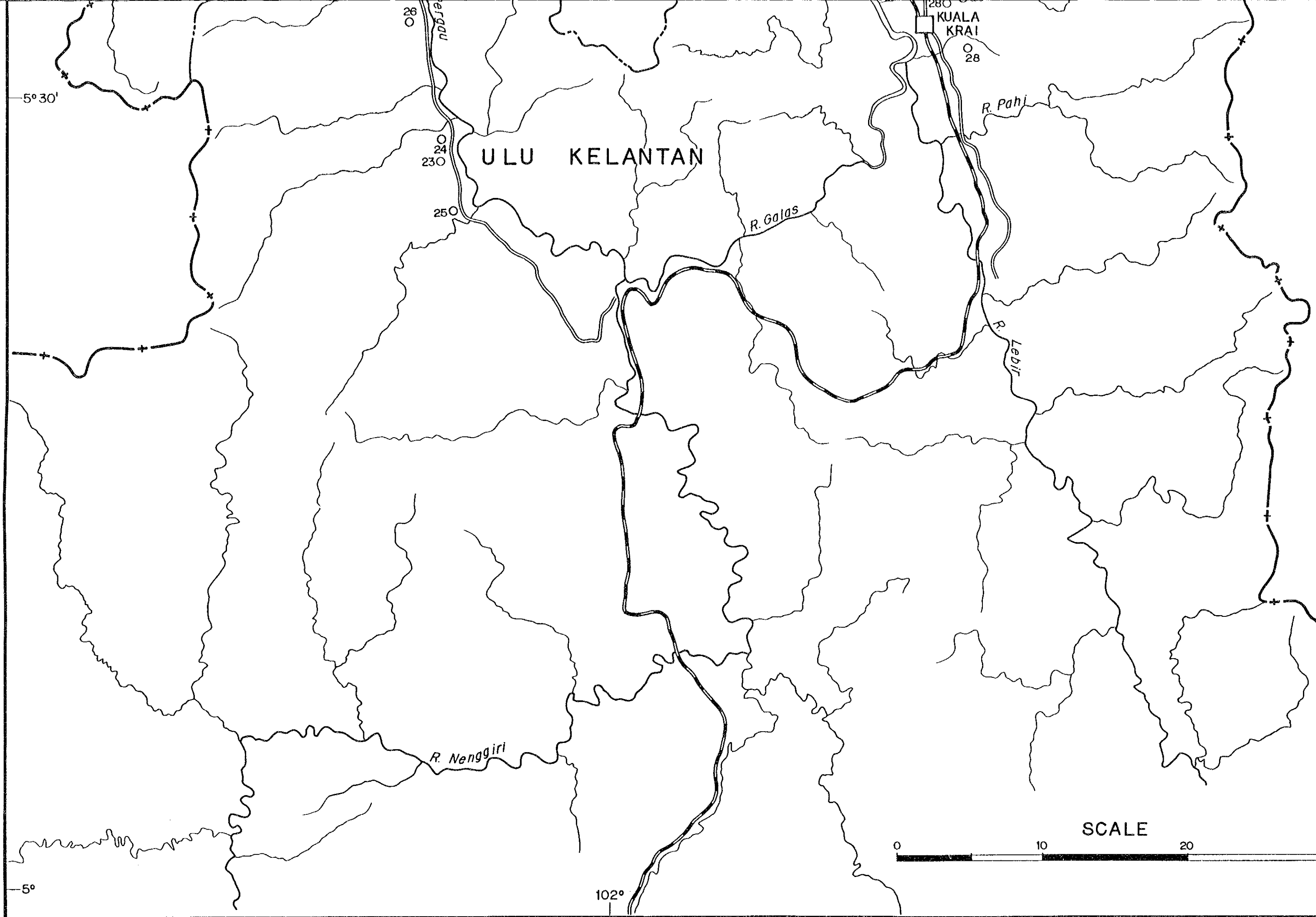
Code
Jeli
KN023
KN025
KN026
Kota Bharu
KN022
KN074
Kuala Krai
KN024
KN028
KN029
KN035
KN036
KN037
KN067
Machang
KN008
KN009
KN010
KN011
KN012
KN013
KN014
KN015
KN016
KN017
KN027
KN030
KN031
KN032
KN033
KN014

THAILAND

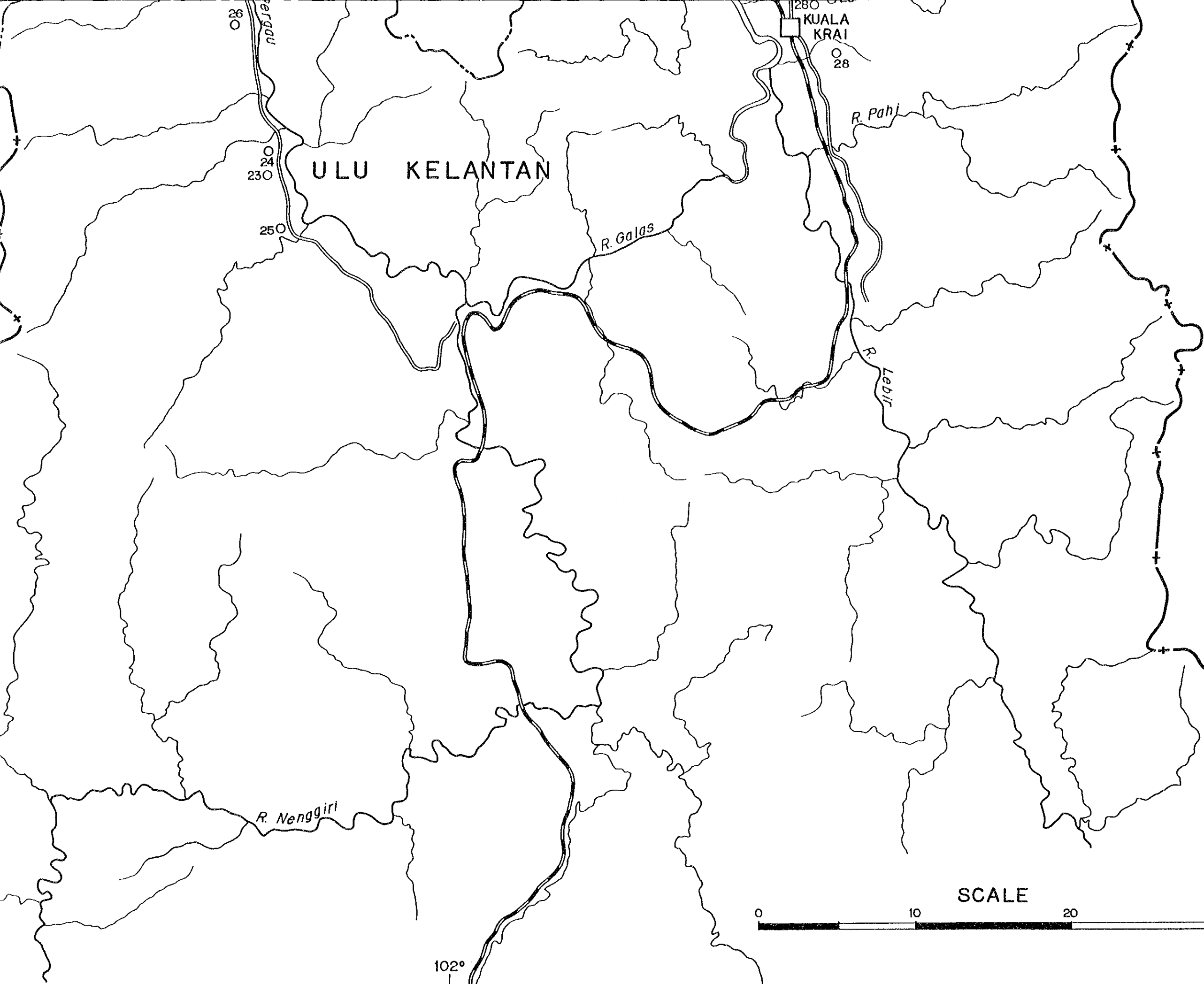


List of Scheme

Code	Name	Irrigable area (ha)	
		Main season	Off season
Jeli			
KN023	Bkt. Jering	20	0
KN025	Kuala Dalah	60	0
KN026	Lubok Bongor	81	78
Kota Bharu			
KN022	Pasir Ilor	69	69
KN074	Bdg. Bukit Cina	200	120
Kuala Krai			
KN024	Jerinbong	50	50
KN028	R.T. Sg. Kenor	63	0
KN029	R.T. Kebat	40	0
KN035	R.T. Bedal	30	0
KN036	R.T. Enggong	49	0
KN037	R.T. Lapan Agor	30	0
KN067	Che Wa	61	0
Machang			
KN008	Pertok Lama	29	0
KN009	Jilit Sat I	396	0
KN010	Galang	44	0
KN011	Ulu Sat	580	0
KN012	Putat Mak Sari	32	0
KN013	Bagan I	53	0
KN014	Sg. Dewan	116	0
KN015	Bagan II	180	0
KN016	Sg. Ruse	106	0
KN017	Pak Yam	29	0
KN027	Rengas	58	0
KN030	Jilit Sat II	460	230
KN031	Sg. Labok	189	0
KN032	Bagan III	362	0
KN033	Putat Chondong	205	0
KN034	Lubok Awah	11	11
KN060	Pertok I	10	0



Code
Jeli
KN023
KN025
KN026
Kota Bharu
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KN074
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KN060
KN061
KN062
KN063
KN064
KN065
KN066
KN068
KN069
KN070
KN076
KN077
Pasir Mas
KN018
KN019
KN038
KN039
KN071
KN072
KN073
Pasir Putih
KN003
KN004
KN005
KN006
KN007
KN057
KN058
KN059
Tanah Merah
KN001
KN002
KN040
KN042
KN043
KN044
KN045
KN046
KN047
KN048
KN049
KN050
KN051
KN052
KN053
KN054
KN055
KN056
KN041
Tumpat
KN020
KN021
KN025



List of Scheme

Code	Name	Irrigable area (ha)	
		Main season	Off season
Jeli			
KN023	Bkt. Jering	20	0
KN025	Kota Bah	60	0
KN026	Lubok Bongor	81	78
Kota Bharu			
KN022	Pasir Hor	69	69
KN074	Bdg. Bukit Cina	200	120
Kuala Krai			
KN024	Jerimbong	50	50
KN028	R.T. Sg. Kenor	63	0
KN029	R.T. Kehat	40	0
KN035	R.T. Nedal	30	0
KN036	R.T. Enggong	49	0
KN037	R.T. Lepan Agor	30	0
KN067	Che Wa	61	0
Machang			
KN008	Pertok Lama	29	0
KN009	Hilir Sai I	396	0
KN010	Galang	44	0
KN011	Ulu Sai	580	0
KN012	Putat Mak Sari	32	0
KN013	Bagan I	53	0
KN014	Sg. Dewan	116	0
KN015	Bagan II	180	0
KN016	Sg. Rusa	106	0
KN017	Pak Yam	29	0
KN027	Rengas	58	0
KN030	Hilir Sai II	460	230
KN031	Sg. Labok	189	0
KN032	Bagan III	362	0
KN033	Pulai Chondong	205	0
KN034	Lubok Awah	11	11
KN060	Pertok I	10	0
KN061	Pertok II	16	0
KN062	Pertok III	11	0
KN063	Mas Ulu	24	0
KN064	Tulang Kelikir	91	0
KN065	Suda	162	0
KN066	Gaung	83	0
KN068	Bochah Pauh	182	0
KN069	Batu Pahat	18	0
KN070	Bdg. Ujit	15	0
KN076	Joh	122	121
KN077	Panggung Dalu	45	0
Pasir Mas			
KN018	Meranti	55	20
KN019	Repek	454	0
KN038	Rantau Panjang I	708	708
KN039	Serdang	140	140
KN071	Bakat I	121	121
KN072	Bdg. Senor	123	123
KN073	Bdg. Pauh	47	43
Pasir Puteh			
KN003	Danan	25	0
KN004	Batu Bslai	83	0
KN005	Padang Lindung	22	0
KN006	Telosan Rasau	1100	0
KN007	R.T. Sg. Yong	1587	0
KN057	Pematang Sungkai	32	0
KN058	Bdg. Kemal	24	0
KN059	Bdg. Bukit Merbau	58	0
Tanah Merah			
KN001	Jegor	16	15
KN002	R.T. Bendang Muring	10	9
KN040	Gual Ipoh	90	65
KN042	Nibong	49	49
KN043	R.T. Blok Ulu Kusit	80	50
KN044	R.T. Cehgor	32	20
KN045	Lawang Air Batu & Kelisar	486	300
KN046	R.T. Lubok Berangan	105	100
KN047	Temang Ulu	67	0
KN048	Panjang	21	21
KN049	Cebok	23	20
KN050	Jelakong	55	40
KN051	Benjar Parah	140	120
KN052	Rawa Bochah Laut	80	50
KN053	Air Lanas	125	100
KN054	Bdg. Paku	43	25
KN055	Bujang Geretak Serong	60	40
KN056	Rambai	25	25
KN041	R.T. Air Cina Kelubi	40	35
Tumpat			
KN020	Sg. Pinang	80	80
KN021	Kubang Sawa	77	77
KN075	Kok Keli	0	110



102°

102° 30'

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