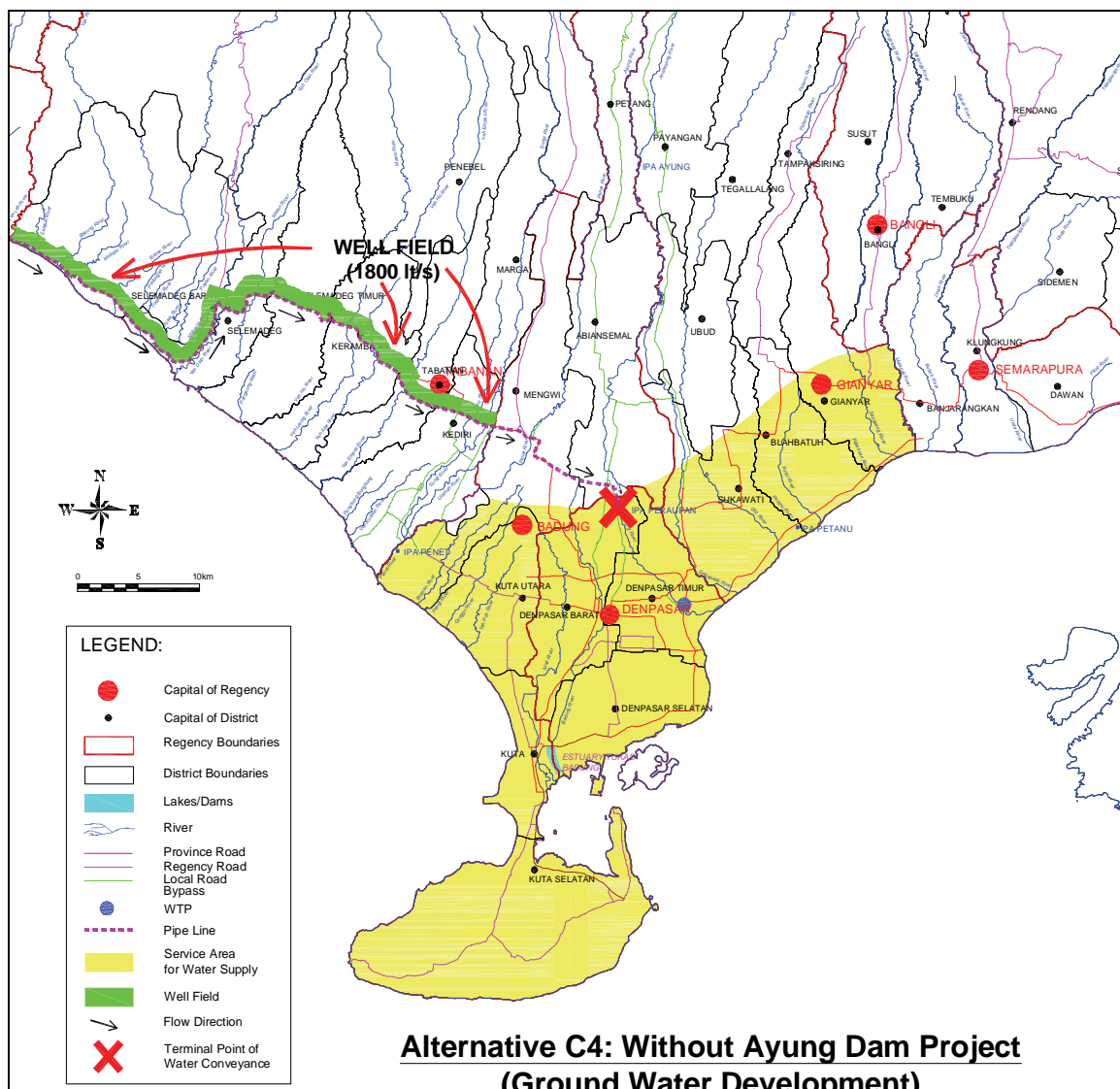


**Central System → Without Dam**

System	Alternatives	Explanation
Central System	C3	Water Source: Surface Water at River Mouths, Development River and Volume: Balian R. → 900lit/s, Hoo R. → 300lit/s, Empas R. → 200lit/s, Ayung R. → 200lit/s, Oos → 100lit/s, Sangsang R. → 100lit/s, Total Volume: 1,800lit/s
	C4	Water Source: Groundwater, Development Area: Tabanan, Total Volume: 1,800lit/s (180 Wells)
	C5	Water Source: Surface Water at River Mouths and Groundwater, <Surface Water> Hoo R. → 300lit/s, Empas R. → 200lit/s, Ayung R. → 200lit/s, Oos → 100lit/s, Sangsang R. → 100lit/s, Volume: 900lit/s, <Groundwater> Volume: 900lit/s (90 Wells)

**Groundwater Use and Potential (Unit: lit/s)**

Item	Regency	TABANAN	BADUNG	DENPASAR	GIANYAR
Groundwater Potential		2,391	531	292	806
Existing Well		5	246	315	348
Proposed Well in Master Plan		0	150	0	150
Proposed Well in this Plan		<b>1,800</b>	0	0	0
Remaining Capacity		586	135	-23	308



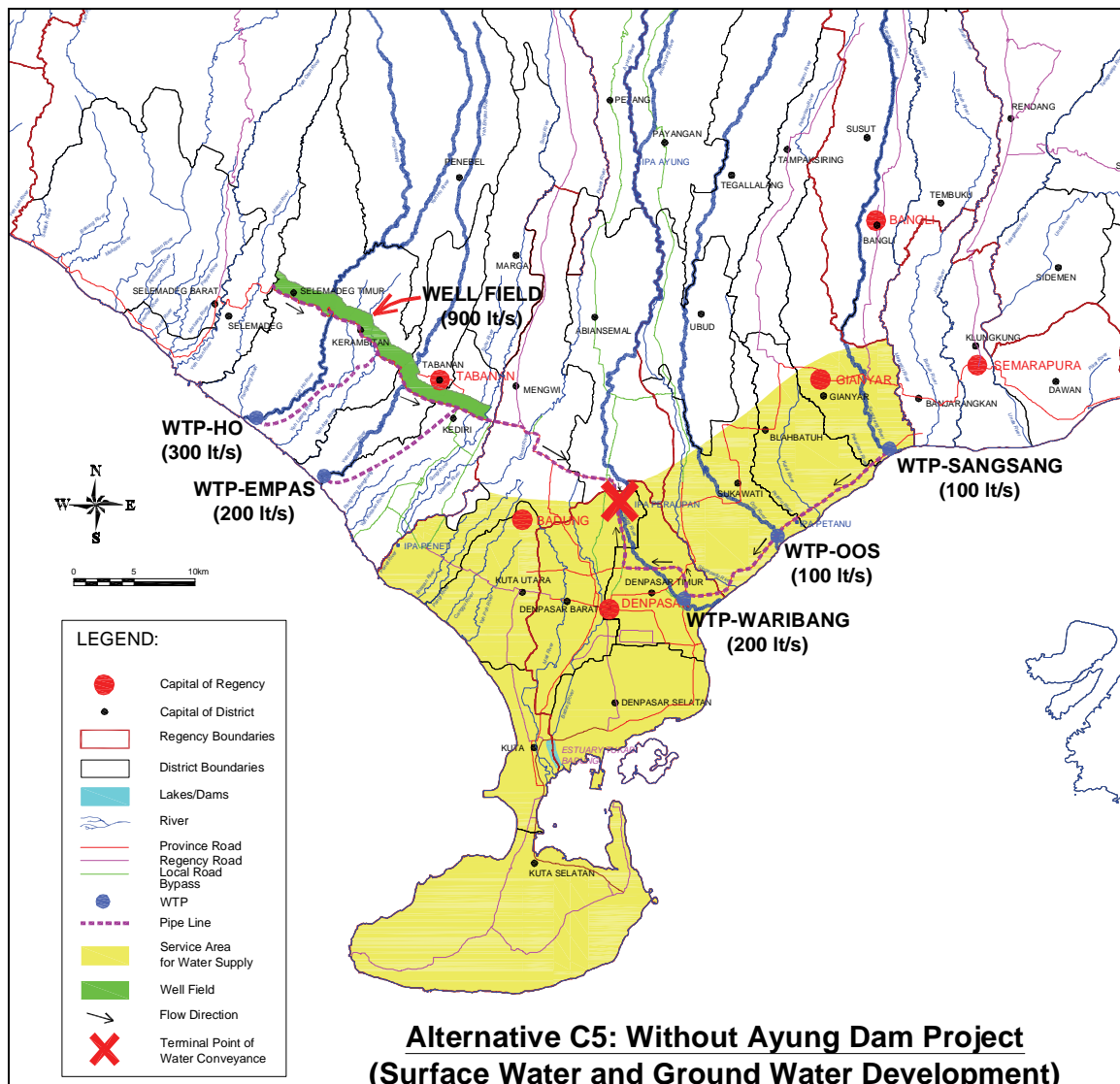
**Figure-II-4.3 Alternative Plans without Ayung Dam (Groundwater Development)**

**Central System → Without Dam**

System	Alternatives	Explanation
Central System	C3	Water Source: Surface Water at River Mouths, Developmentt River and Volume: Balian R. → 900lit/s, Hoo R. → 300lit/s, Empas R. → 200lit/s, Ayung R. → 200lit/s, Oos → 100lit/s, Sangsang R. → 100lit/s, Total Volume: 1,800lit/s
	C4	Water Source: Groundwater, Development Area: Tabanan, Total Volume: 1,800lit/s (180 Wells)
	C5	Water Source: Surface Water at River Mouths and Groundwater, <Surface Water> Hoo R. → 300lit/s, Empas R. → 200lit/s, Ayung R. → 200lit/s, Oos → 100lit/s, Sangsang R. → 100lit/s, Volume: 900lit/s, <Groundwater> Volume: 900lit/s (90 Wells)

**Groundwater Use and Potential (Unit: lit/s)**

Item	Regency	TABANAN	BADUNG	DENPASAR	GIANYAR
Groundwater Potential		2,391	531	292	806
Existing Well		5	246	315	348
Proposed Well in Master Plan		0	150	0	150
Proposed Well in this Plan		<b>900</b>	0	0	0
Remaining Capacity		1,486	135	-23	308



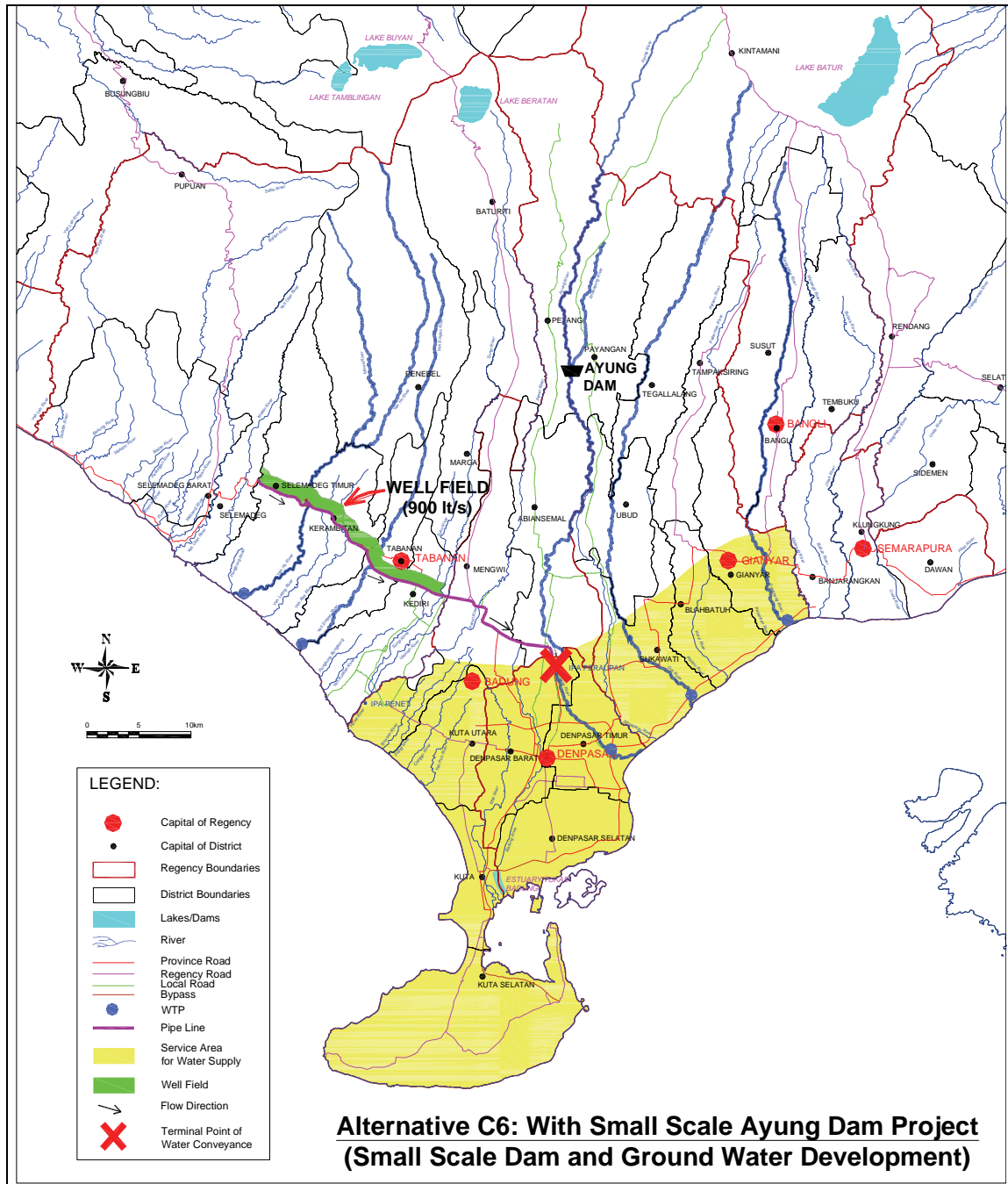
**Figure-II-4.4 Alternative Plans without Ayung Dam (Surface Water Development + Groundwater Development)**

**Central System → With Small Scale Dam + Groundwater**

System	Alternatives	Explanation
Central System	C6	Dam Development (Similar C2, Small Scale Dam) / Development Volume: 900lit/s Water Source: Groundwater, Development Area: Tabanan, Total Volume: 900lit/s (90 Wells)

**Groundwater Use and Potential (Unit: lit/s)**

Item	Regency	TABANAN	BADUNG	DENPASAR	GIANYAR
Groundwater Potential		2,391	531	292	806
Existing Well		5	246	315	348
Proposed Well in Master Plan		0	150	0	150
Proposed Well in this Plan		<b>900</b>	0	0	0
Remaining Capacity		1,486	135	-23	308



**Figure-II-4.5 Alternative Plans with Small Scale Ayung Dam (+ Groundwater )**