

APPENDIX B

MINERAL ORDERS

The decision to apply mineral location closures was made by the DNR commissioner within the parameters set by the Alaska Statutes. AS 38.05.185(a) states, "State land may not be closed to mining or mineral location unless the commissioner makes a finding that mining would be incompatible with significant surface uses on state land."

In the Yakataga Area Plan planning area, the Commissioner has determined mining to be incompatible with the following significant surface uses: spawning and rearing of anadromous fish in waterbodies with relatively high fish productivity, and; commercial, sport, and community harvest of fish that is concentrated on the most productive waterbodies. Approximately 2,797 acres are closed to new mineral entry. Approximately 21,459 acres are open to mineral entry only under leasehold location. The fact that an area is closed to new mineral location will not be cause for denying access across state land. **Mineral closures do not affect valid existing claims.**

Maps of mineral closures are included in this appendix.

On the following page is a list of the waterbodies where mineral closures or leaseholds will apply. In fresh water areas, these include the beds of waterbodies below ordinary high water. In tidal areas, these include tidelands and submerged lands.

Each of the waterbodies listed on the next page had a peak escapement count that meets one of the criteria below:

- a) 500 pink salmon *and* 500 chum salmon; *or*
- b) 1,000 pink salmon; *or*
- c) 1,000 chum salmon; *or*
- d) 500 coho salmon; *or*
- e) 500 sockeye salmon.

Maintaining the high quality anadromous fish habitat in these streams and avoiding impacts to water quality is essential to sustaining the productivity of the Yakataga area's commercial, sport, and community harvest fisheries.

Concomitant with adoption of this area plan, DNR adopted:

Mineral Closing Order No. 711 for the anadromous portions of the state-owned shorelands and tidelands of Situk River, including Situk River, headwaters lakes, and lagoon. This is an interim closure. Because it exceeds 640 acres, it requires legislative approval to become permanent [AS 38.05.300(a)].

→ Mineral Closing Order 712 for the state-owned shorelands and tidelands of Ophir Creek, including the shorelands of Summit Lake. *= 117 acres*

→ Mineral Leasehold Location Order No. 17 for the state-owned shorelands and tidelands of ten waterbodies listed on pages B-3 and B-4.

← *did?*

Table B.1

Areas Closed to New Mineral Entry or Subject to Leasehold Location to Protect Anadromous Fish Habitat¹

Waterbody	Subunits	Acreage (subtotal)	Total Acreage	Escapement
Kikluh River	1a-4, 1a-5, 2a-1	—	327	14,000 CO; P
Tashalich River	1a-7, 1a-8	—	187	800 CO
Tsiu-Tsivat River	2a-2, 3a-1, 3b-3, Game Refuge	Tsiu2,672 Tsivat761	3,433	67,450 CO; 2,300 S; P
Kaliakh River below & including the Kulthieth River	3a-2, 3a-3, 3b-5, 3b-6, 3c-1, 3c-2, 3c-3, 3c-4	Kulthieth533 Kaliakh.....2,411 Chiuki.....355	3,299	37,500 CO; S
Duktoth (excluding Leeper Glacier Creek)	3a-3, 3d-1, 3d-3, 3d-6, 3e-2	—	2,844	>10,000 CO; KS; DV
Akwe River, Lake & Lagoon	7i	River542 Lake598 Lagoon.....1,179	2,319	200 KS; 6,000 CO; 9,000 S; >1,000 SH; >1,000 CT; >3,000 DV

¹ Acreages are approximate. CO = coho salmon; C = chum salmon; CT = cutthroat trout; DV = Dolly Varden char; KS = king salmon; P = pink salmon; RB = rainbow trout; S = sockeye salmon; SH = steelhead trout

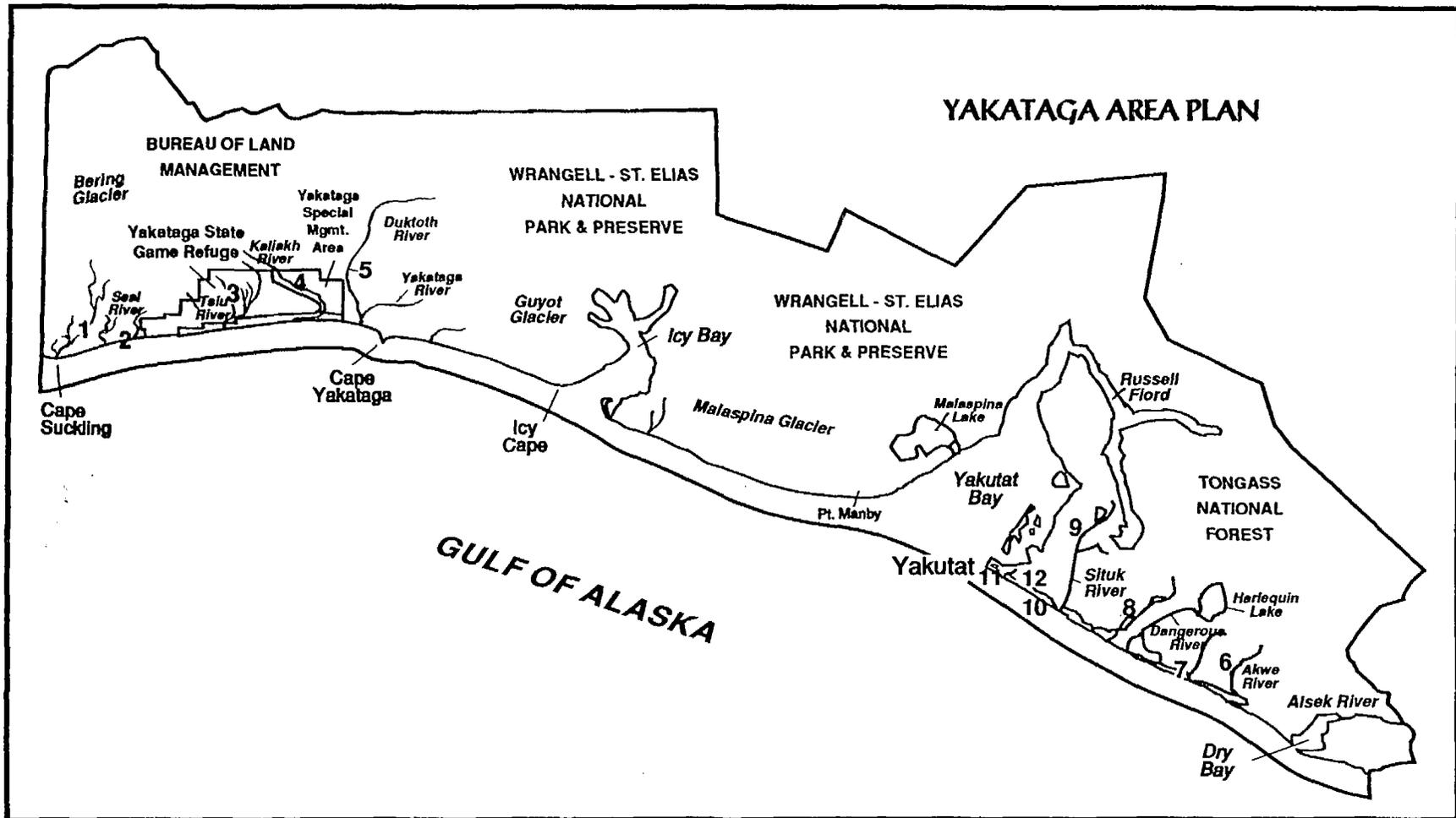
Table B.1**Areas Closed to New Mineral Entry or Subject to
Leasehold Location to Protect Anadromous Fish Habitat²**

Waterbody	Subunits	Acreage (subtotal)	Total Acreage	Escapement
Italo River (old & new channels), Lakes & Lagoons	7h	River871 Lake 100 Lagoon.....2,400	3,371	50,000 P; 15,000 S; 37,500 CO; 5,000 CH; CT; SH; RB; DV; KS
Ahrnklin & Antlen Rivers, Lakes & Lagoons	7d, 7e	Rivers & lakes935 Lagoon.....3,884	4,819	20,000 P; 11,000 S; 5,500 CO; 1,000 CH; 100 KS; CT; SH; DV
Situk River, Lake & lagoons	7c, 7d	Rivers & lakes765 Lagoon.....827 Mountain Lake.....205 Situk Lake.....1,000	2,797	654,000 P; 192,000 S; 14,000 CO; 5,000 CT; 50,000 DV; spring & fall SH
Tawah Creek	7b, 8a-9	—	178	9,460 CO; 2,700 P; 3,000 S
Ankau Saltchuck, Kardy Lake & Aka Lake	8a-8, 8b-2	Saltchuck & Kardy Lake.....553 Aka Lake 129	682	5,000 CO; 3,000 S
Ophir Creek & Summit Lake	8a-5, 8a-6	Ophir Creek.....41 Summit Lake76	117	4,000 CO; >3,000 S; DV
TOTAL			24,373	ACRES

² Acreages are approximate. CO = coho salmon; C = chum salmon; CT = cutthroat trout; DV = Dolly Varden char;
KS = king salmon; P= pink salmon; RB = rainbow trout; S = sockeye salmon; SH = steelhead trout

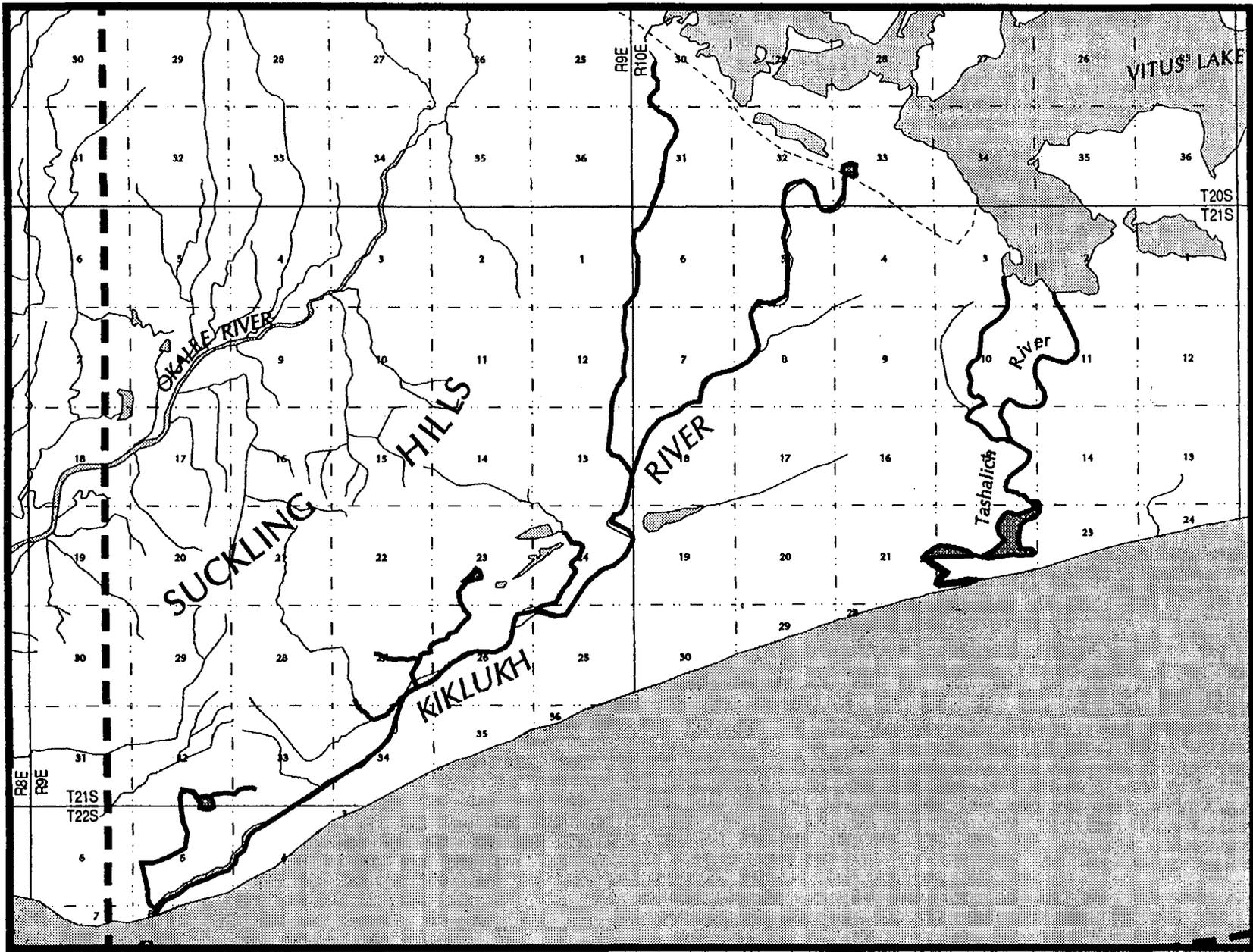
Map B.1

General location of lands with mineral closures or leasehold location



General location of lands with mineral closures or leasehold location:

- | | |
|--|--|
| 1. Kiklukh River | 7. Itatio River (old and new channels), Lakes, and Lagoons |
| 2. Tashalich River | 8. Ahrnklin and Antlen Rivers, Lakes, and Lagoons |
| 3. Tsiu-Tsivat River | 9. Situk River, Lake, and Lagoon |
| 4. Kaliakh River below and including the Kulthieth River | 10. Tawah Creek |
| 5. Duktogh River (excluding Leeper Glacier Creek) | 11. Ankau Saltchuck, Kardy Lake, and Aka Lake |
| 6. Akwe River, Lake, and Lagoon | 12. Ophir Creek and Summit Lake |



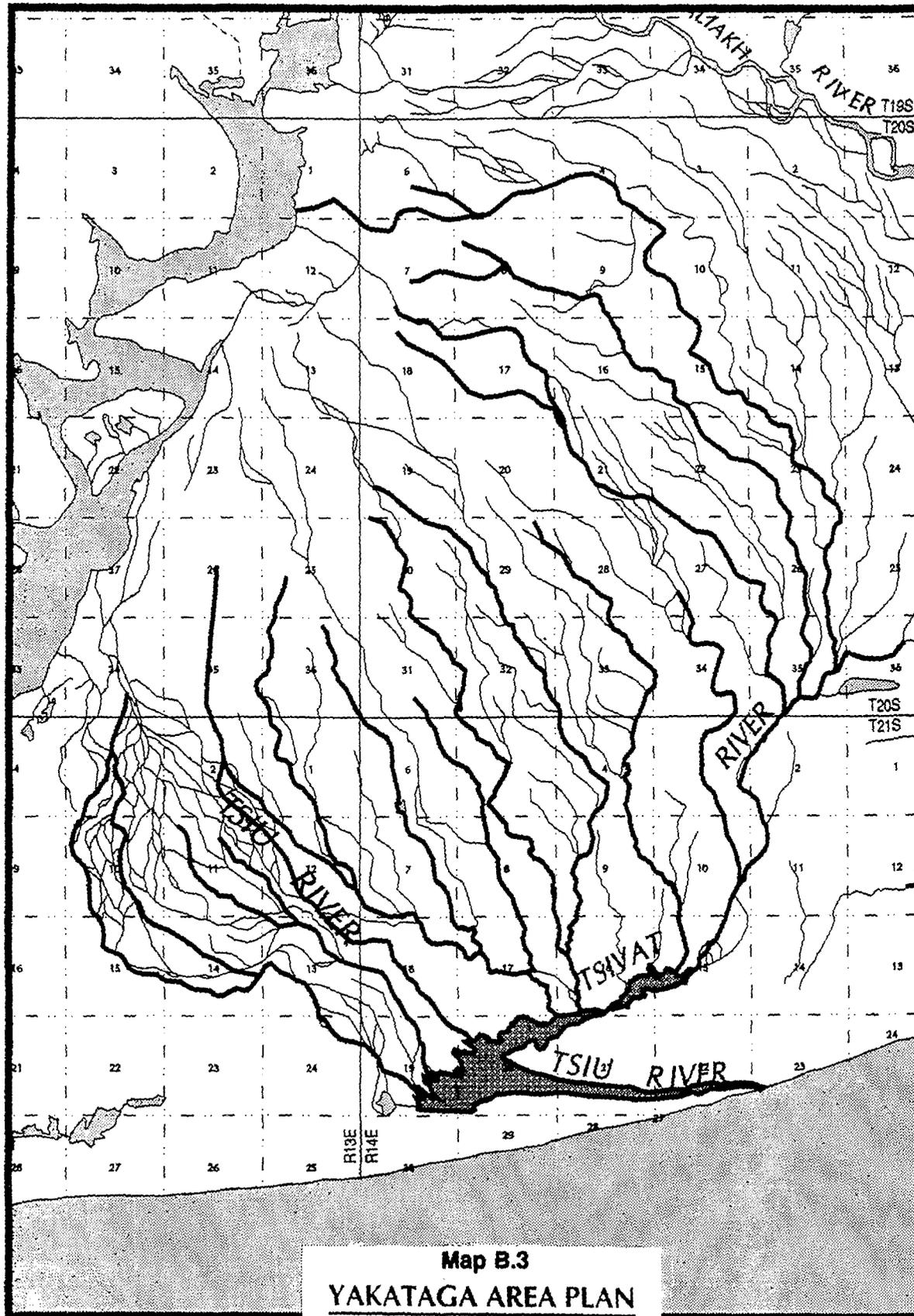
B-5

Appendix B - Mineral orders

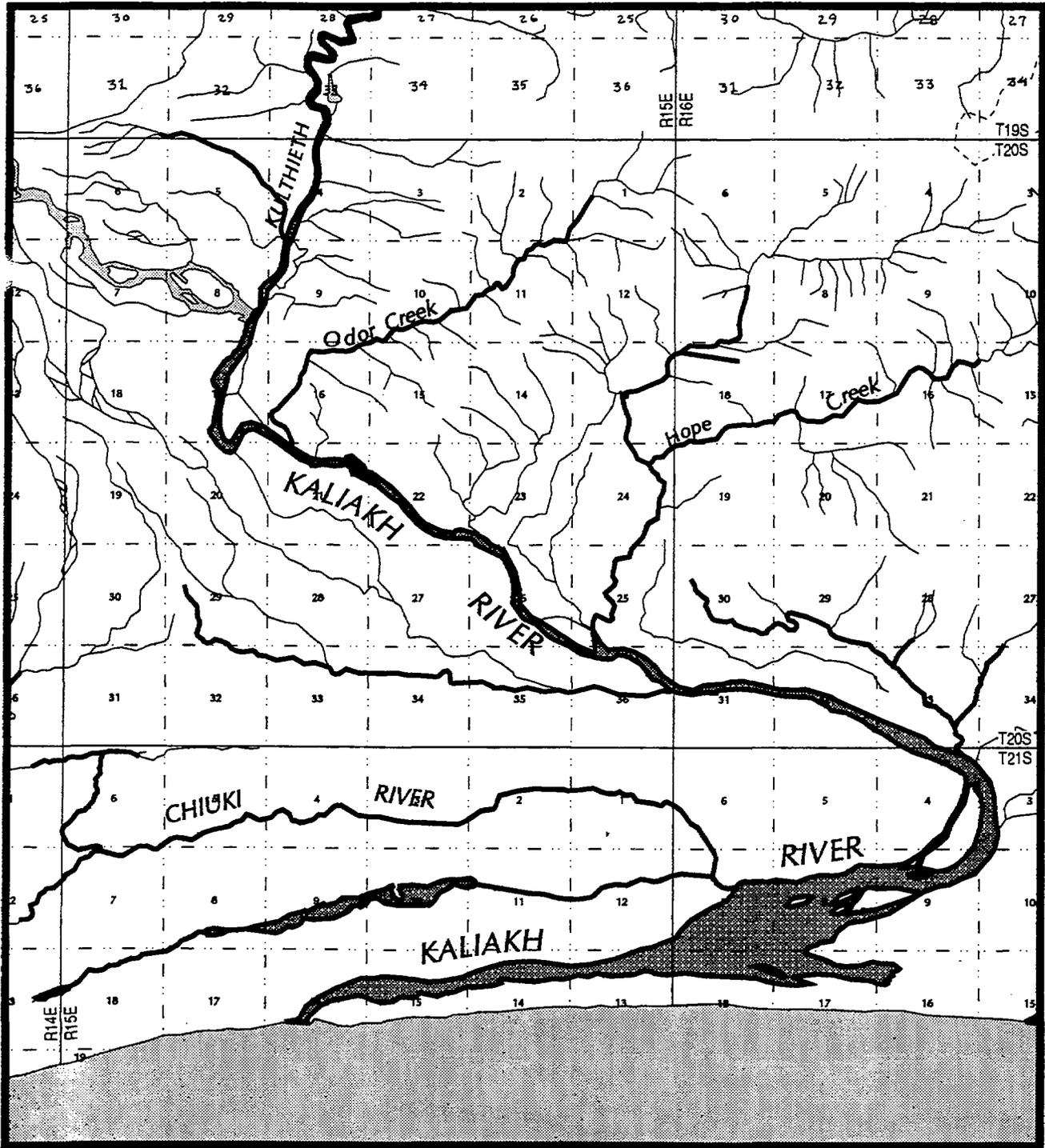
Map B.2
YAKATAGA AREA PLAN
KIKLUKH & TASHALICH RIVERS
Mineral Leasehold (LLO 17)

YAKATAGA AREA PLAN

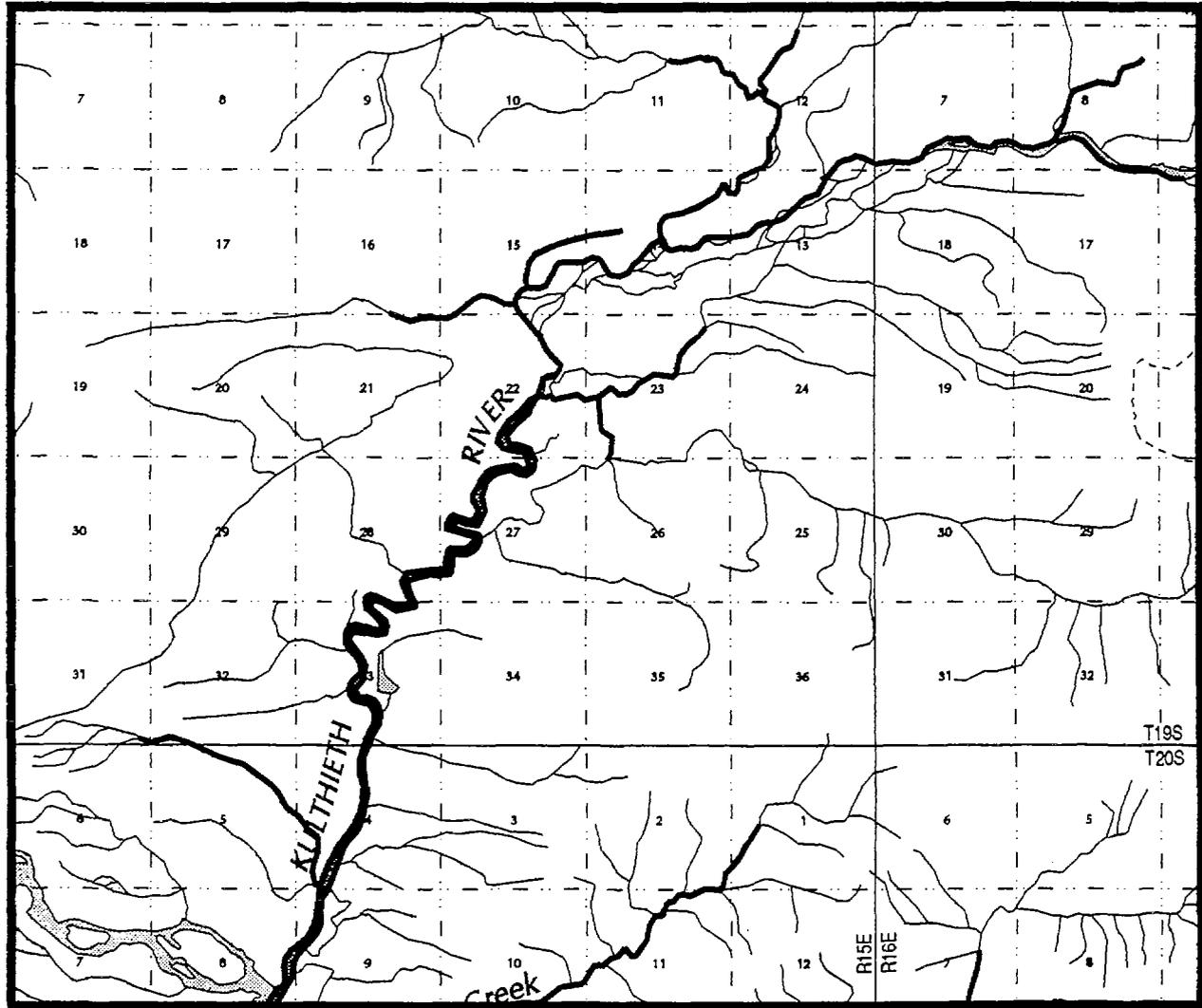
YAKATAGA AREA PLAN



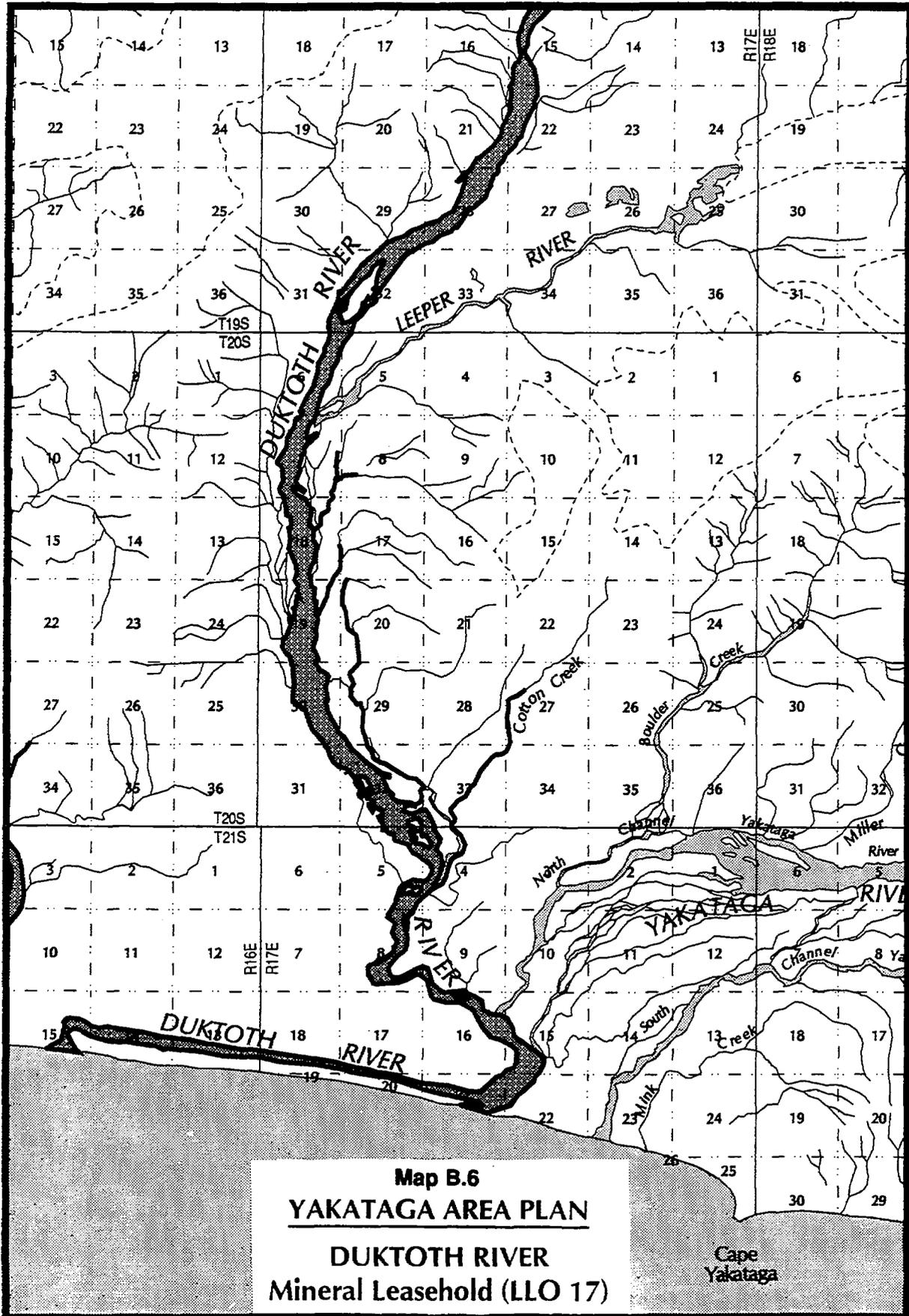
Map B.3
YAKATAGA AREA PLAN
TSUI & TSIVAT RIVERS
Mineral Leasehold (LLO 17)

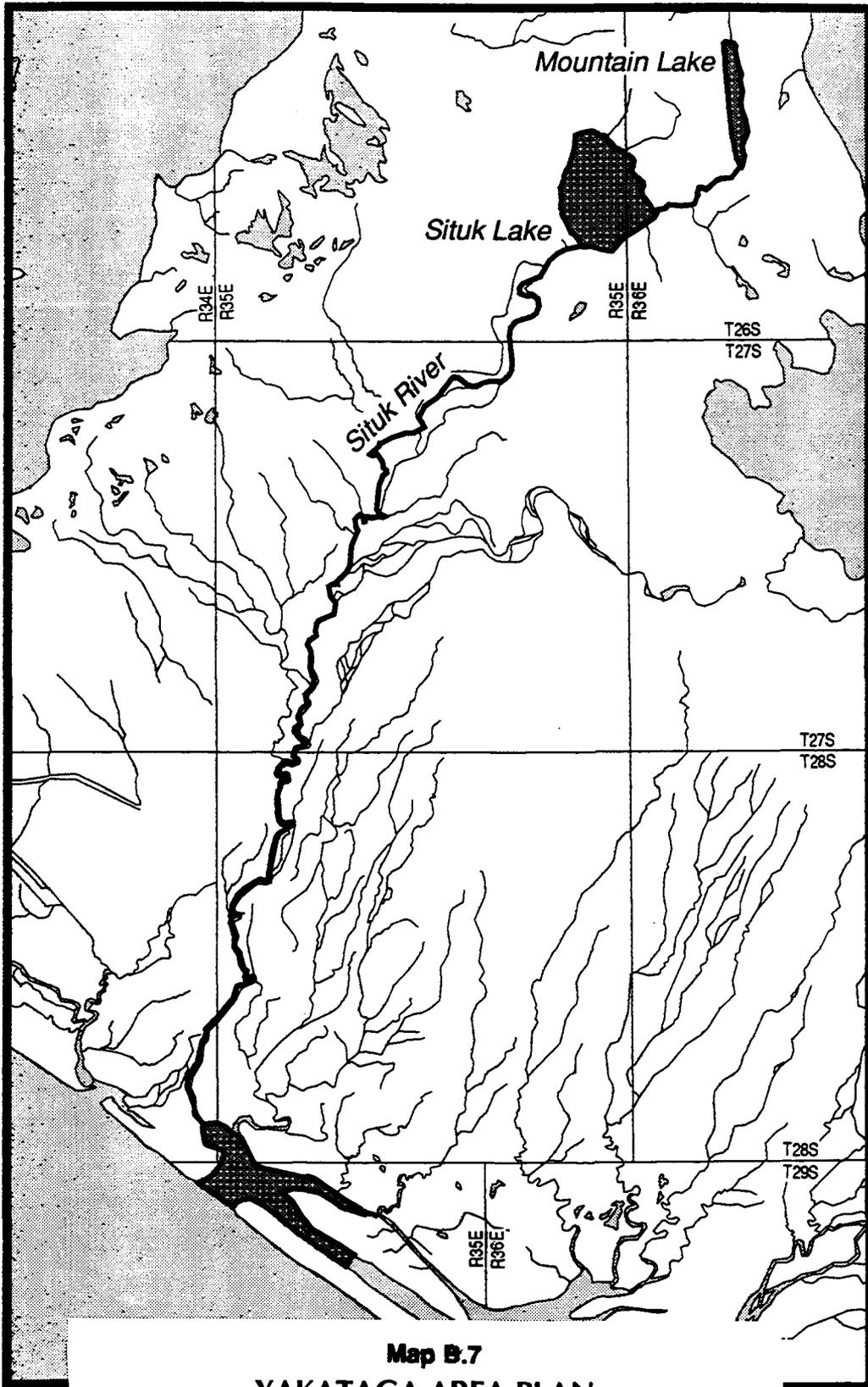


Map B.4
YAKATAGA AREA PLAN
KALIAKH & CHIUKI RIVERS
Mineral Leasehold (LLO 17)



Map B.5
YAKATAGA AREA PLAN
KULTHIETH RIVER
Mineral Leasehold LLO 17)

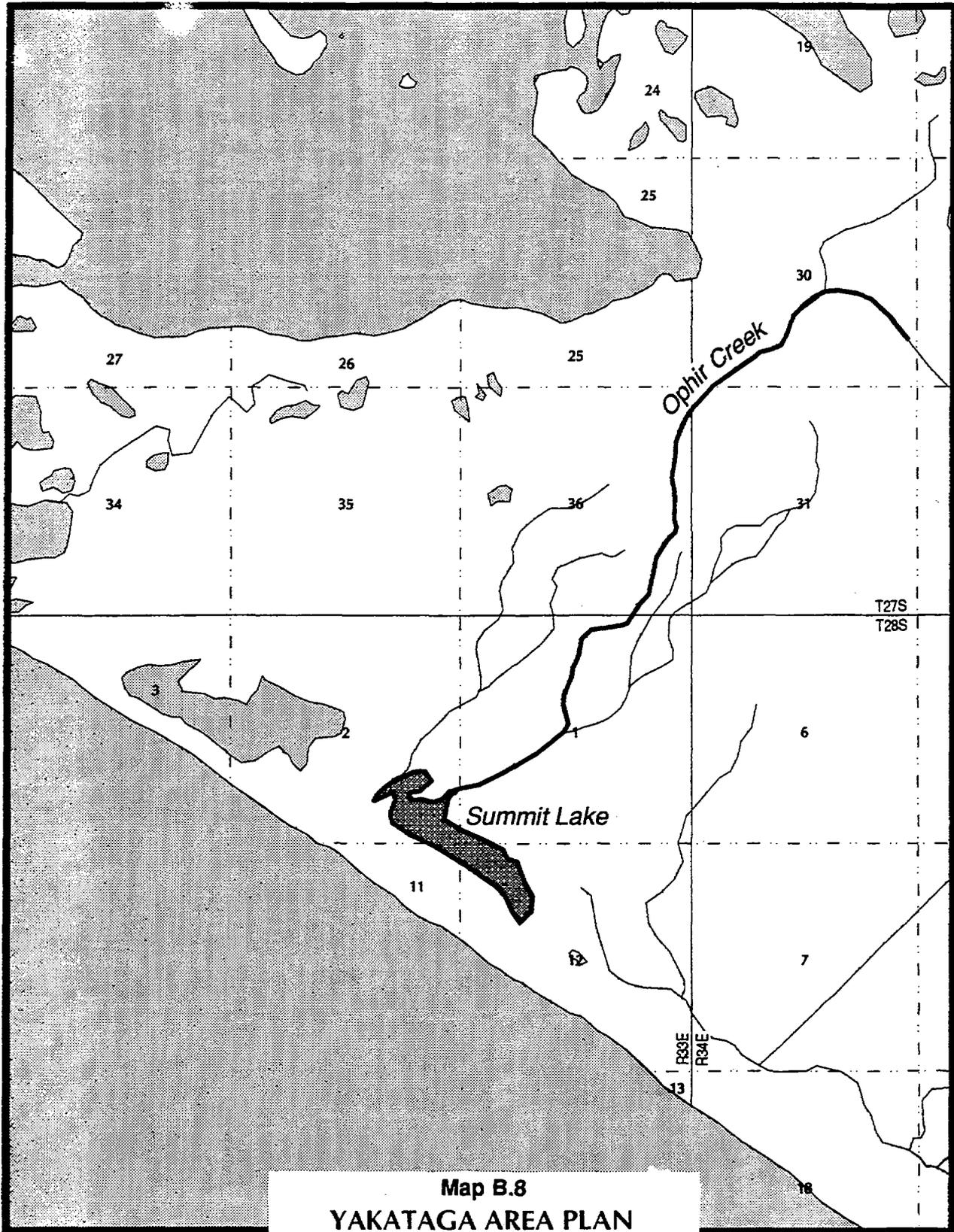




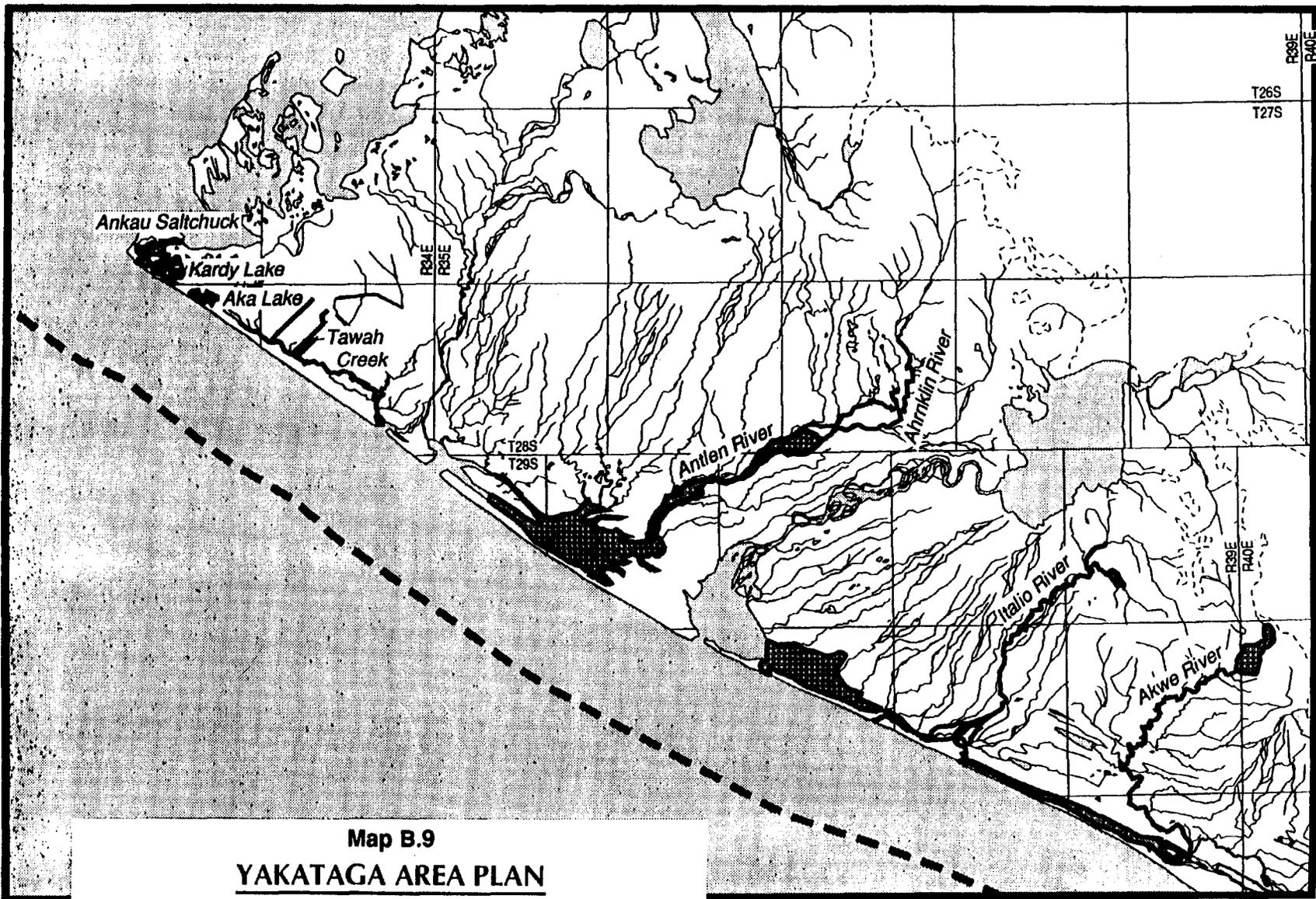
Map B.7

YAKATAGA AREA PLAN

**SITUK RIVER, SITUK LAKE, & MOUNTAIN LAKE
Mineral Closure (MCO 711)**



Map B.8
YAKATAGA AREA PLAN
OPHIR CREEK & SUMMIT LAKE
Mineral Closure (MCO 712)



Map B.9
YAKATAGA AREA PLAN

UNIT 7 AND UNIT 8B MINERAL LEASEHOLDS:
Ankau Saltchuck, Kardy Lake, Aka Lake, Tawah Creek,
Antlen & Ahrnklin Rivers, Itallo River, and Akwe River

Mineral Leasehold (LLO 17)