FIGURE 1. Leavenworth area, Northeast portion of the USGS Leavenworth, WA, Quadrangle, 1989.

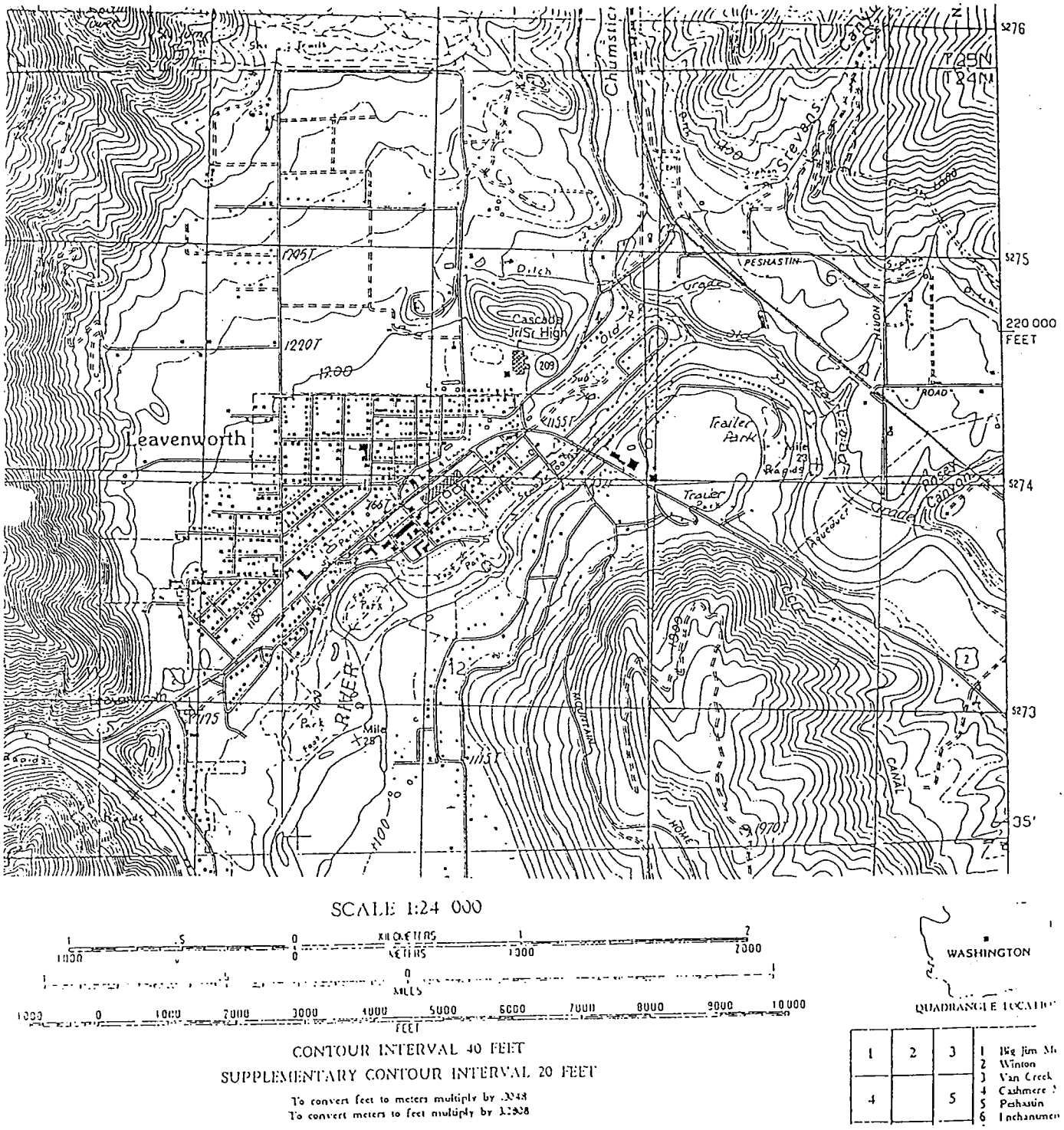
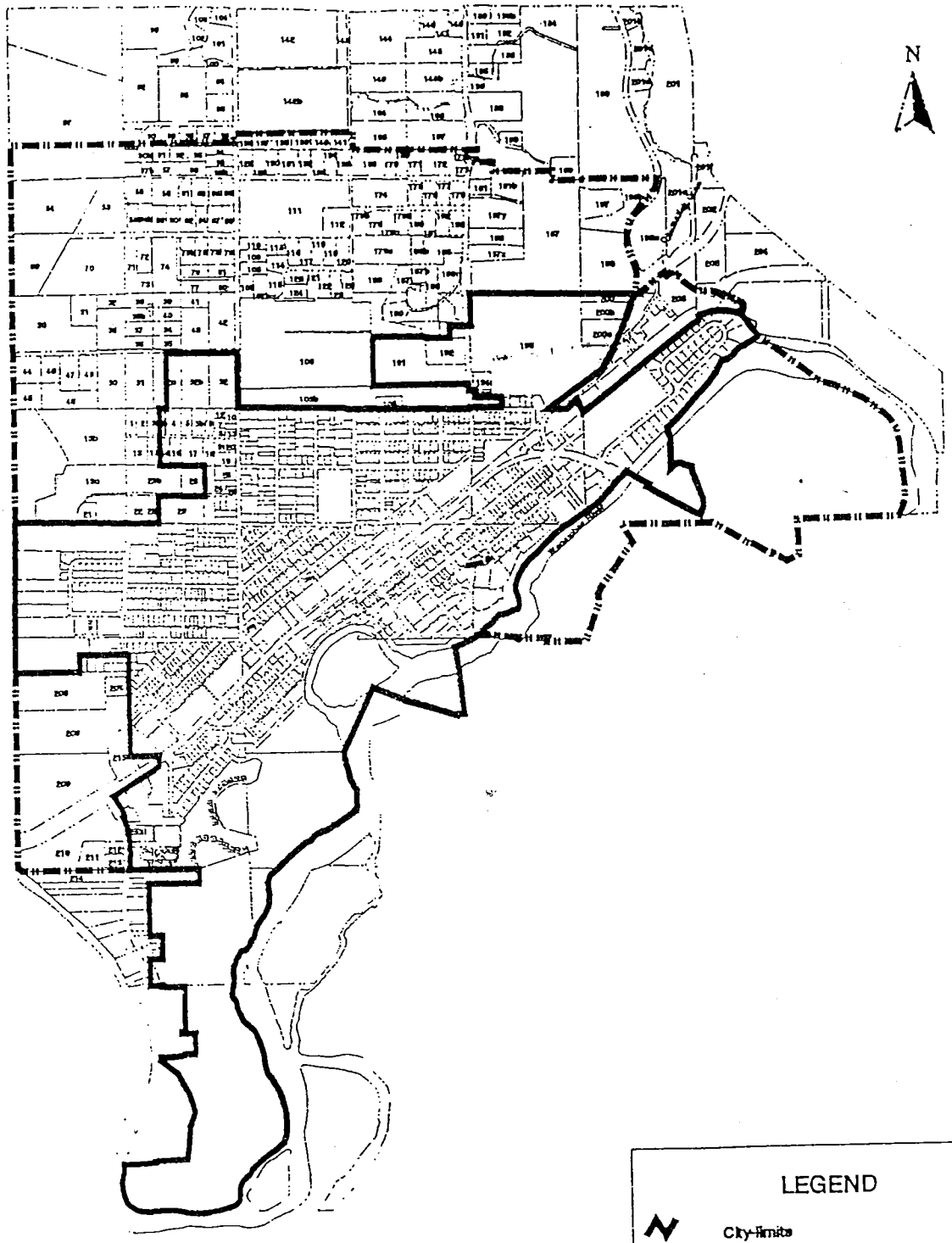


Figure 2. Leavenworth Water Problems Study Area Site Map



LEGEND

City limits

UGA

Parcel Divisions - Numbered parcels constitute study area

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FIGURE 3. Location map showing an "x" at City of Leavenworth stormwater intake grates where Chelan County stormwater enters the City system. Numbers 1-3 indicate points where the City sampled water quality on June 24, 1998.

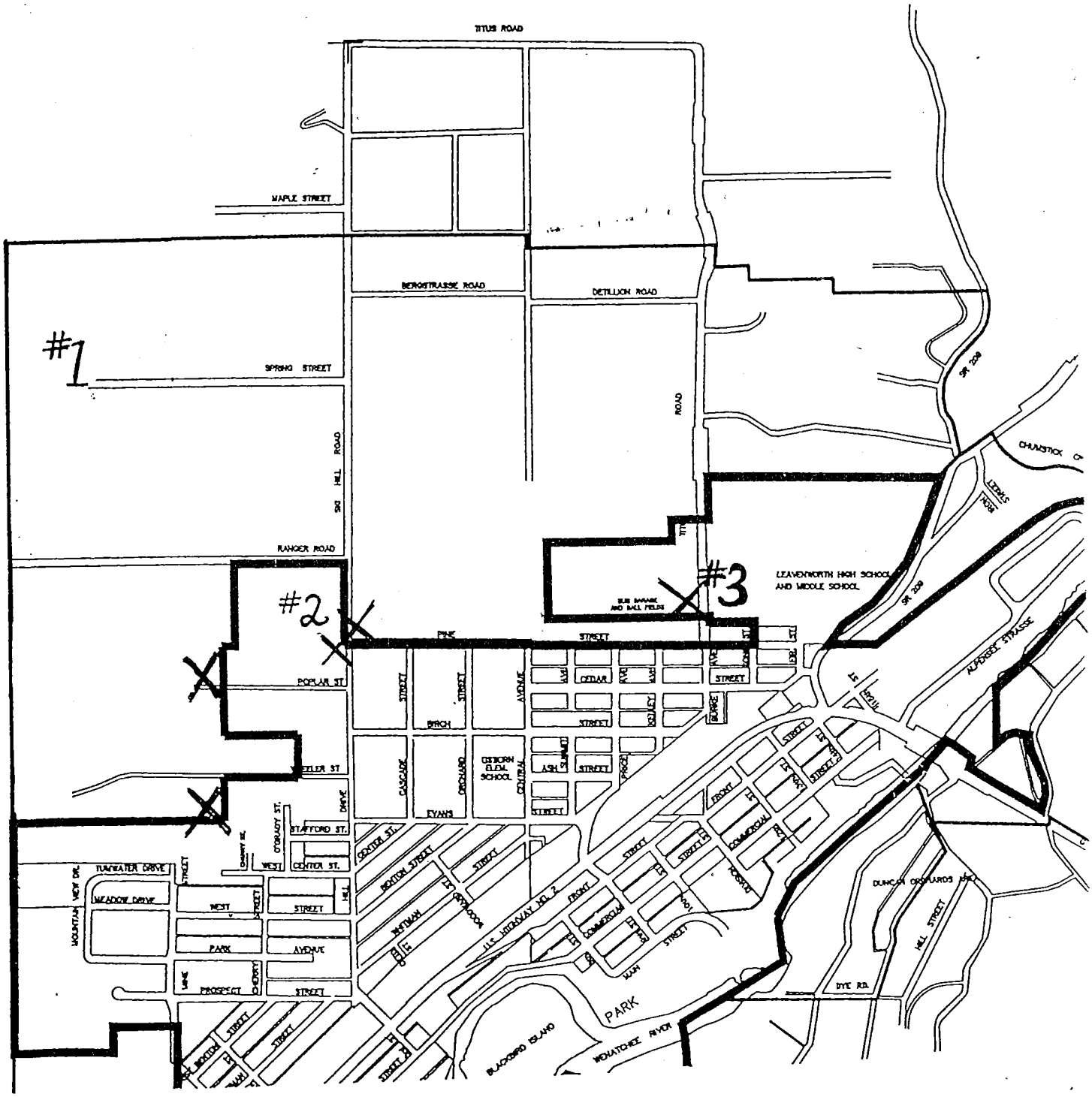

FIGURE 4. Washington Department of Fish and Wildlife Priority Habitat and Species database map of priority species in the Leavenworth, WA, area.

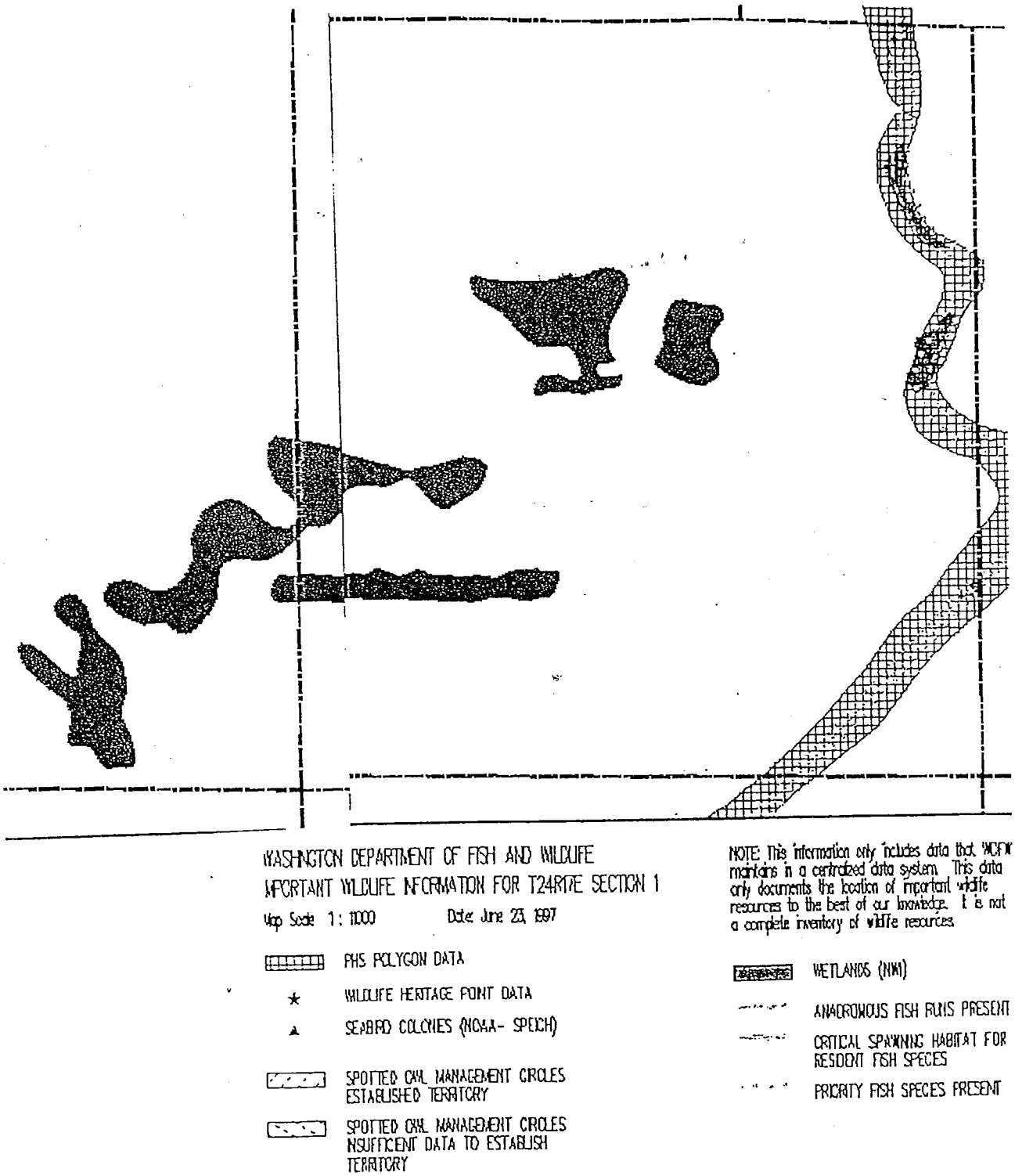

Figure 5. Leavenworth Water Problems Study Area Soil Field Indicators

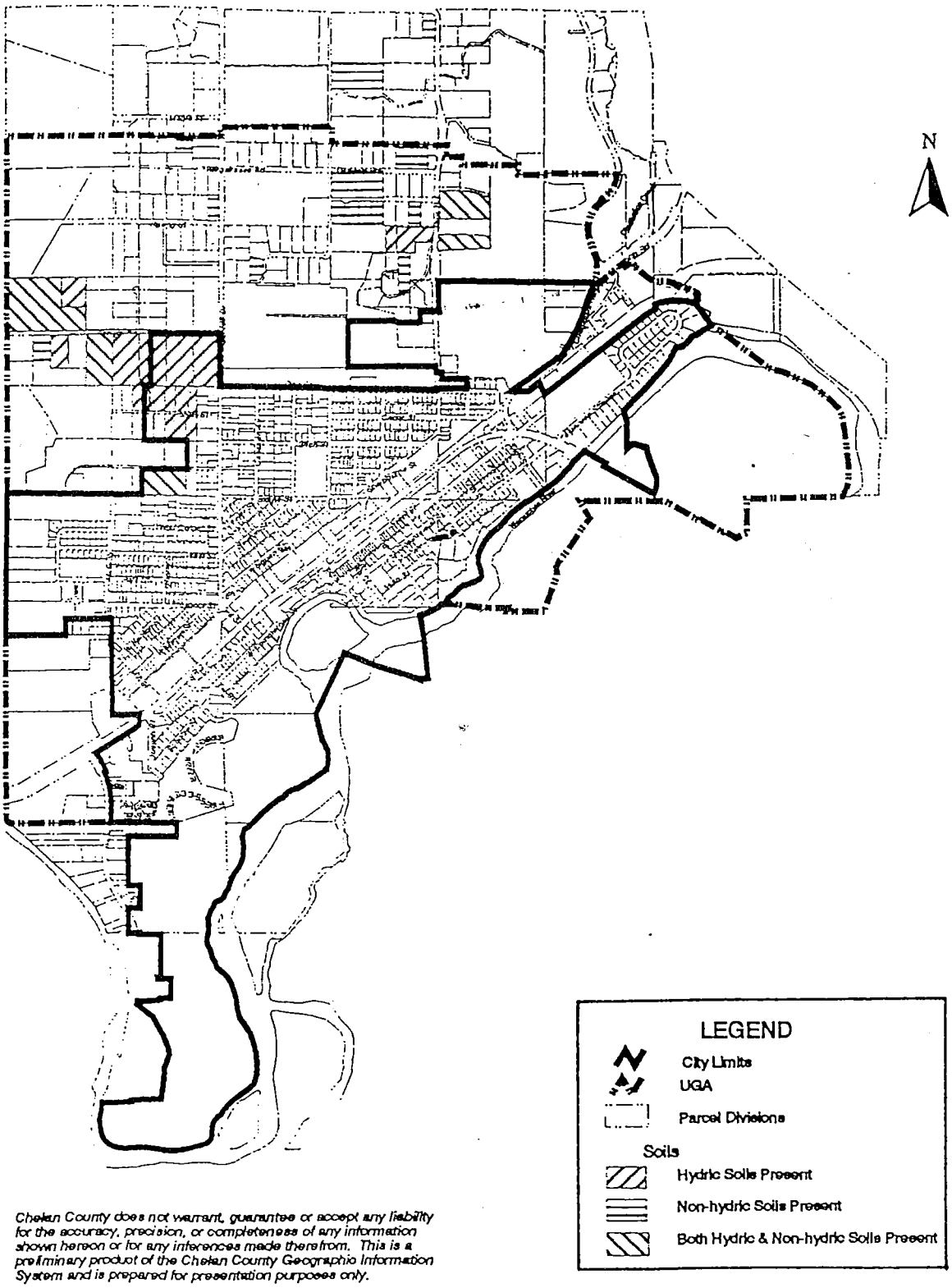

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Figure 6. Leavenworth Water Problems Study Area Hydrology Field Indicators

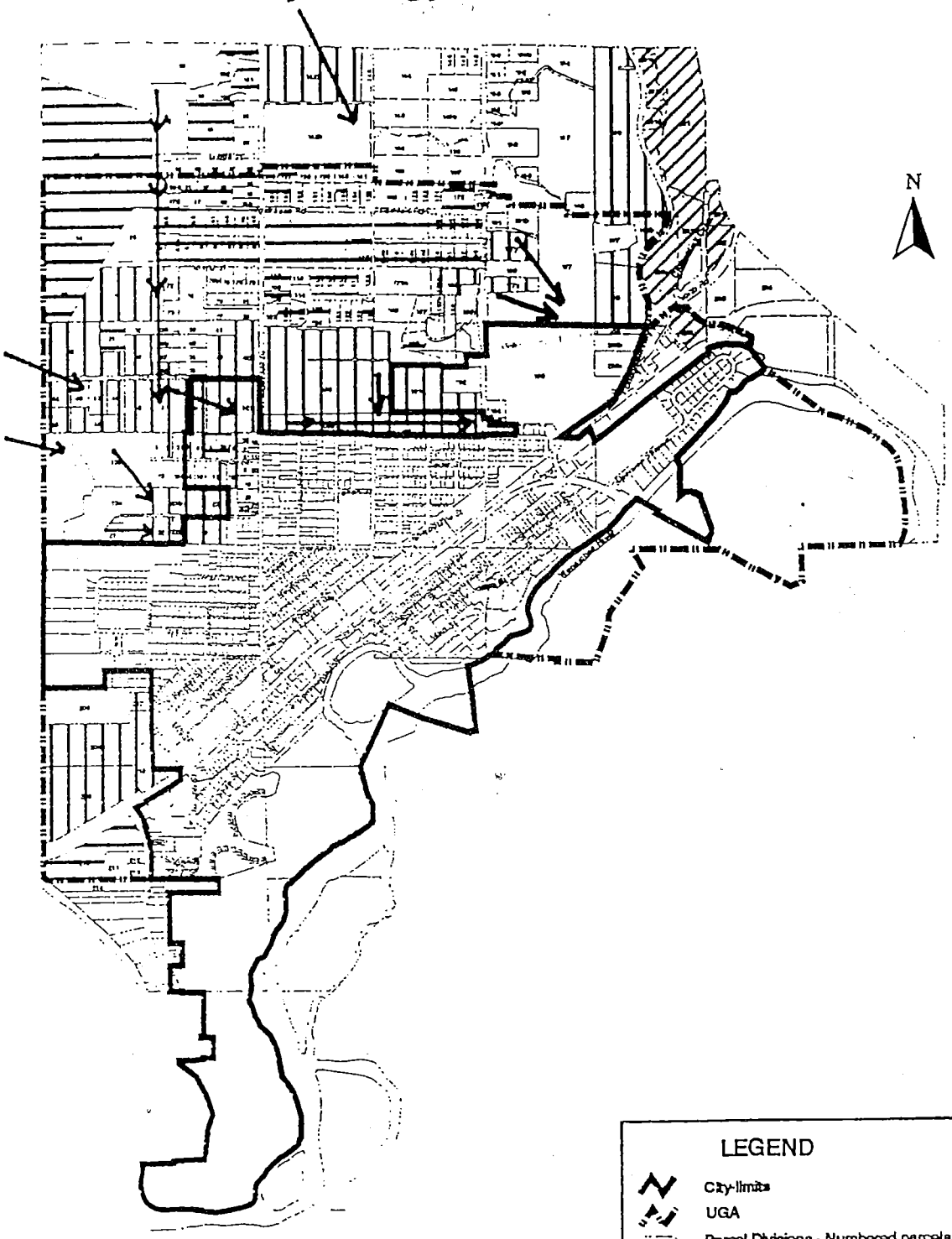

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Figure 7. Leavenworth Water Problems Study Area Wetlands Likeliness Designation

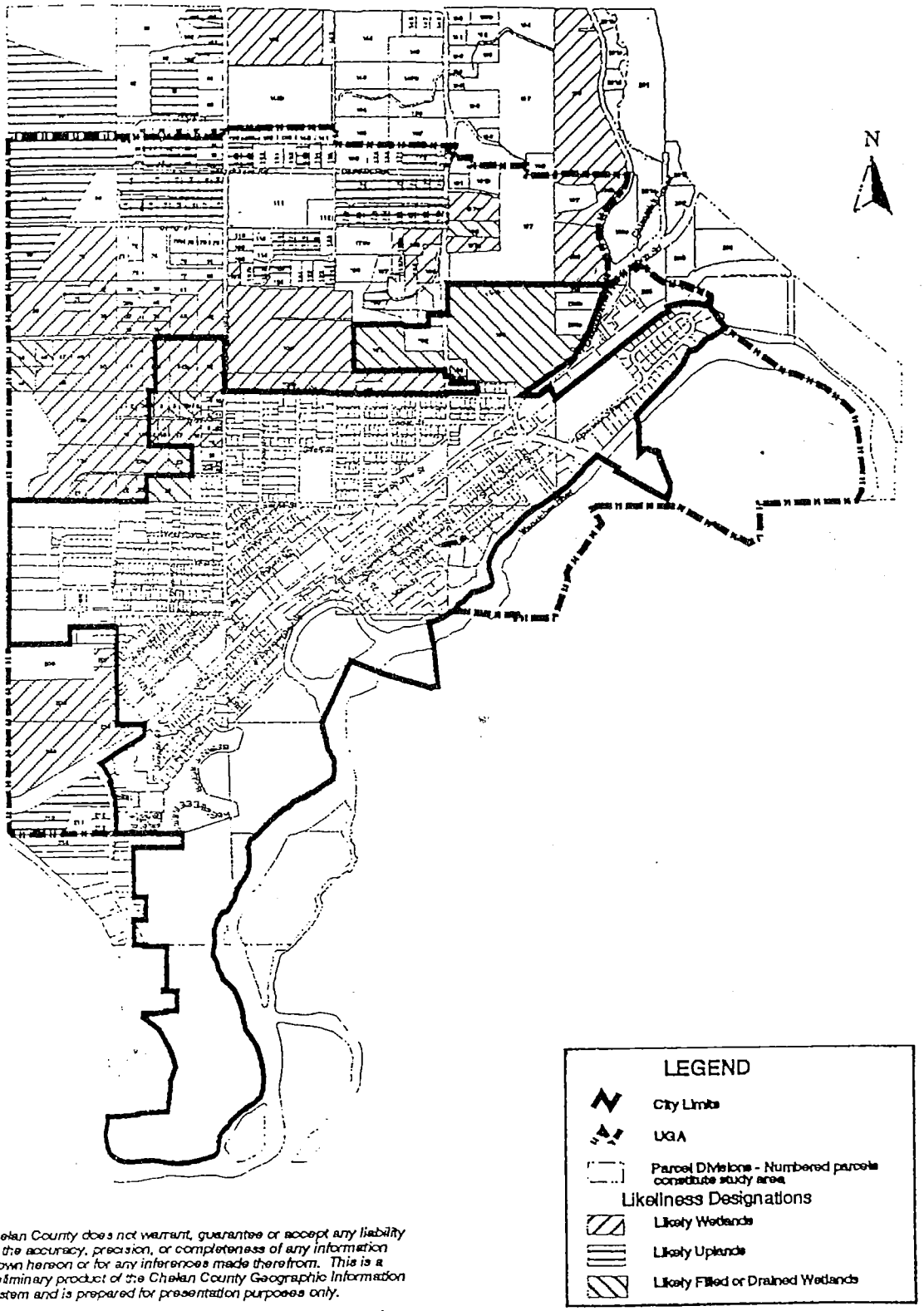

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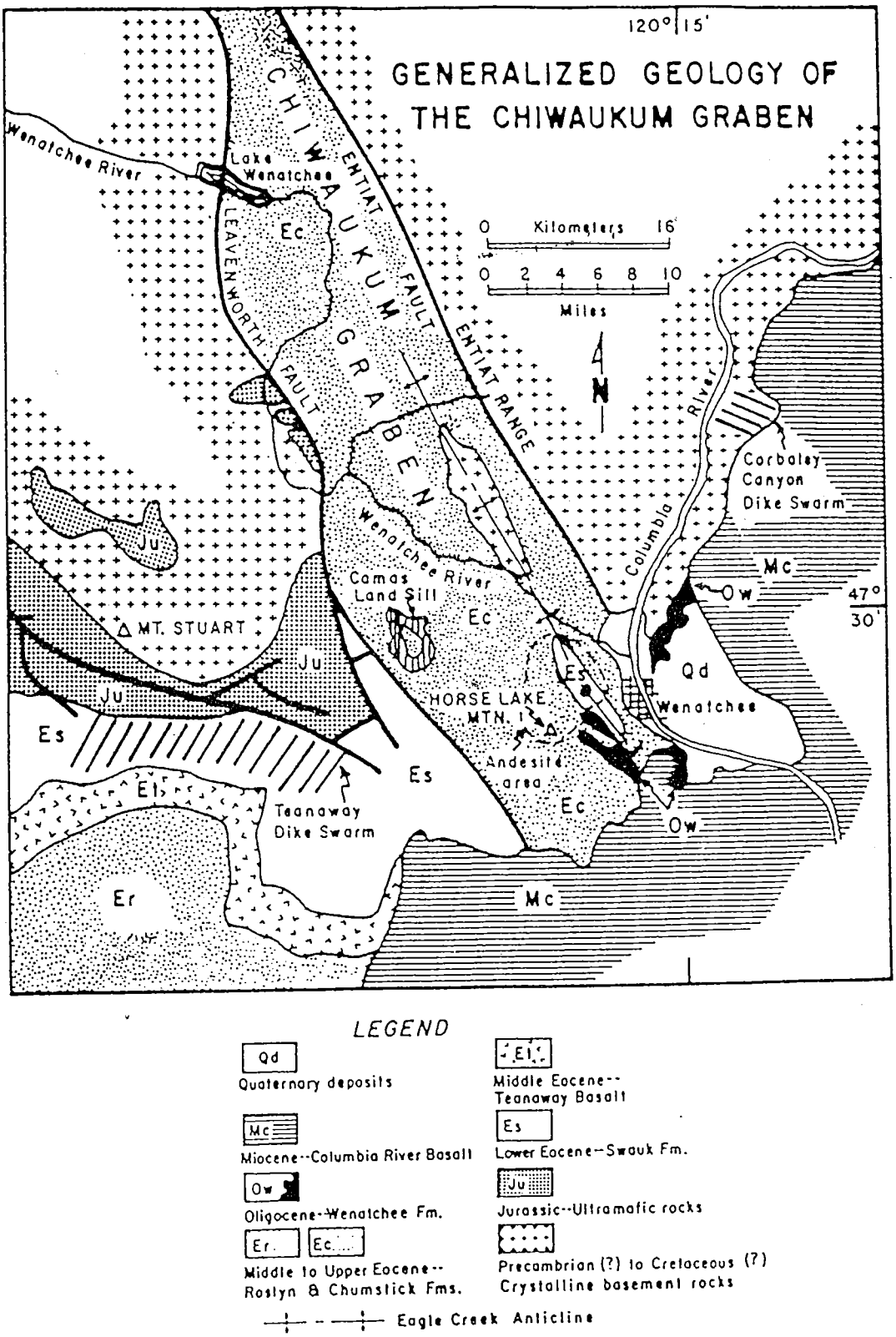
FIGURE 1. Generalized Geology of the Chiwaukum Graben. Source: Gresens, Randall L. 1983. *Geology of Wenatchee and Monitor Quadrangles, Chelan and Douglas Counties, Washington,* page 2. Bulletin 75, State Department of Natural Resources, Division of Geology and Earth Resources.



groundwater discharge wetlands persist through the summer in most years. Both surface and shallow subsurface flows follow the local topography and drain southeasterly from the foothills of Tumwater Mountain (elevation 3800 feet mean sea level) to the Wenatchee River (elevation 1100 feet mean sea level). Small streams in the area drain numerous hillside springs and flow generally less than 1 cfs (449 gpm) through the summer months.

FIGURE 2. Groundwater Levels in the Bradshaw Well. April 23– September 16, 1998. Near Leavenworth, WA.

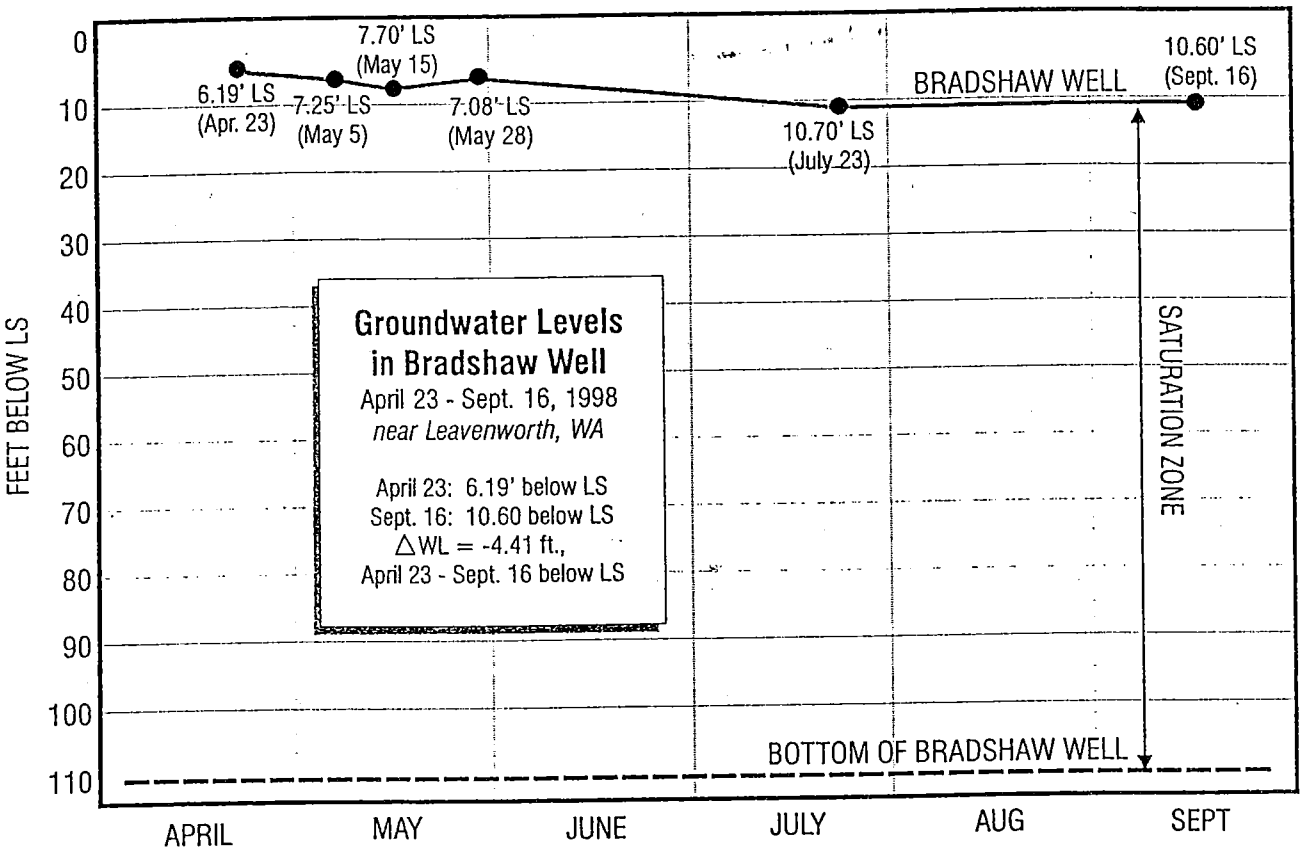
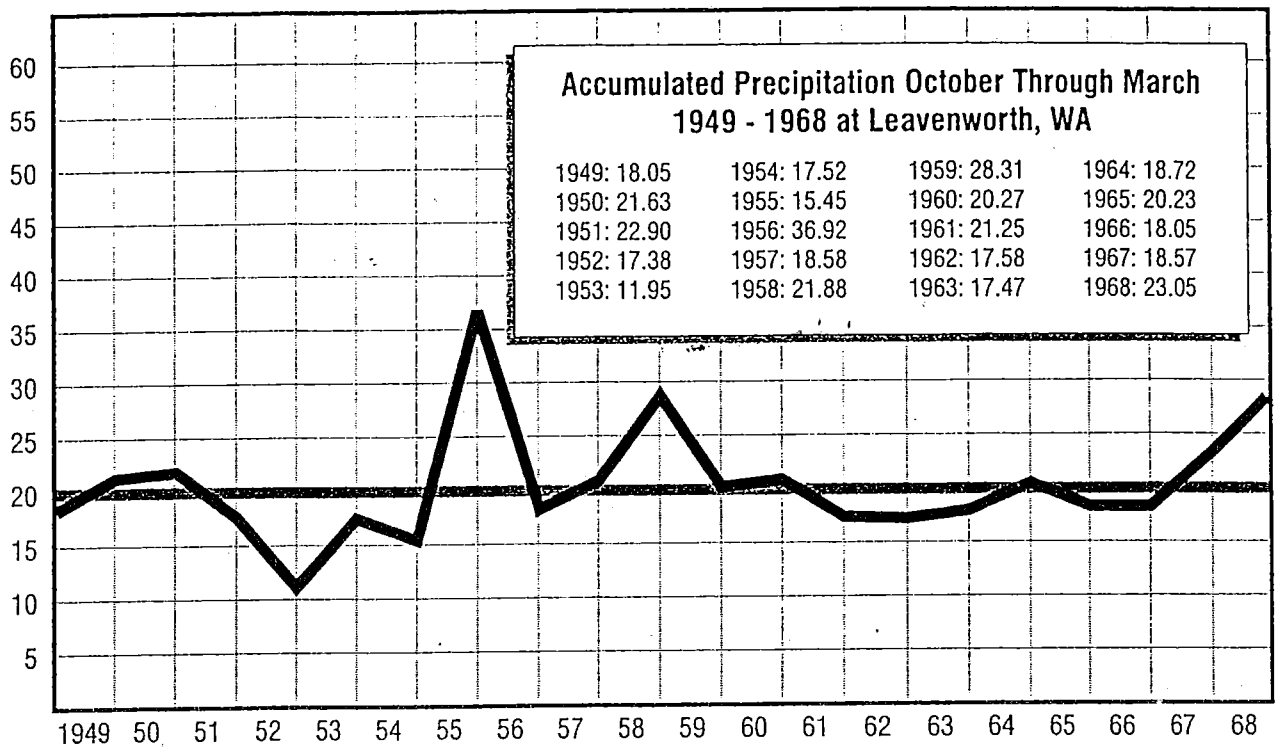


FIGURE 3. Accumulated Precipitation, October – March, 1949 to 1968 and 1980 to 1997. At Leavenworth, WA.



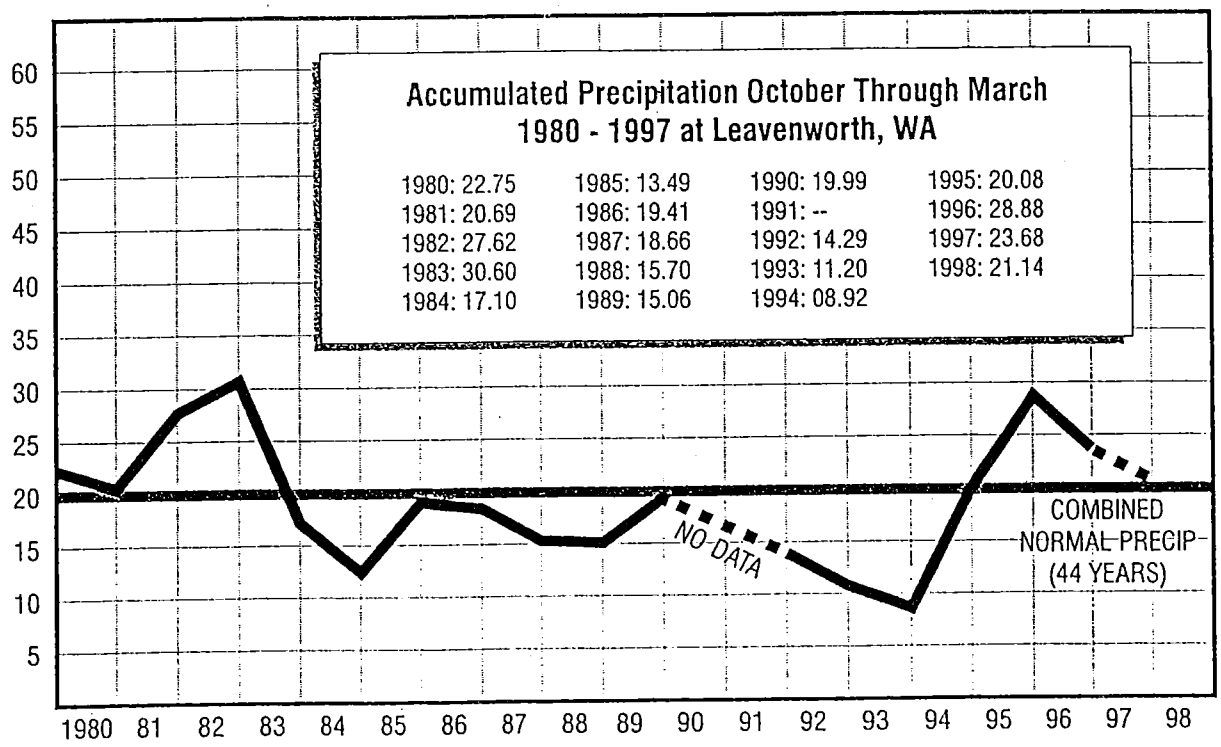
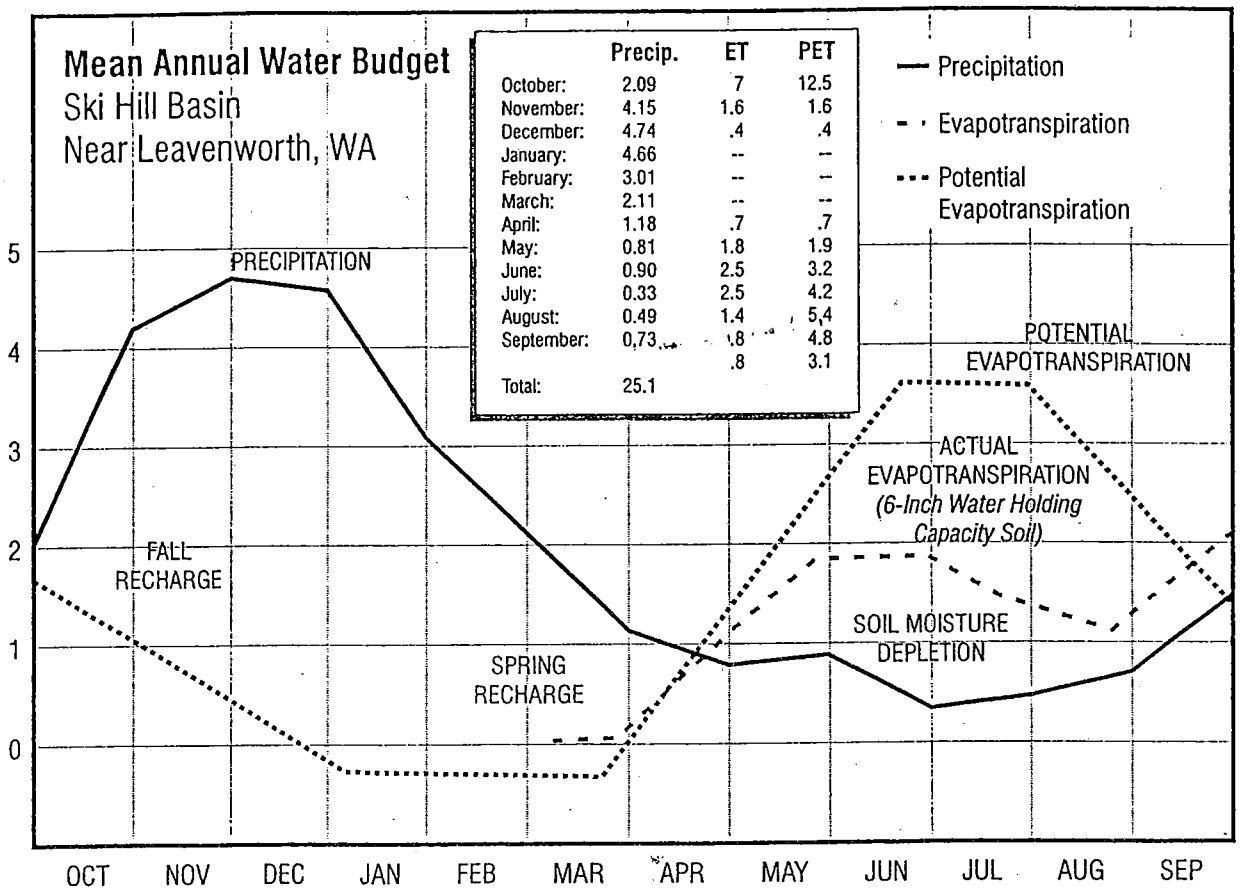


FIGURE 4. Mean Annual Water Budget. Ski Hill Basin near Leavenworth, WA.



	Precip.	ET	PET
October:	2.09	7	12.5
November:	4.15	1.6	1.6
December:	4.74	.4	.4
January:	4.66	--	--
February:	3.01	--	--
March:	2.11	--	--
April:	1.18	.7	.7
May:	0.81	1.8	1.9
June:	0.90	2.5	3.2
July:	0.33	2.5	4.2
August:	0.49	1.4	5.4
September:	0.73	.8	4.8
		.8	3.1
Total:	25.1		