

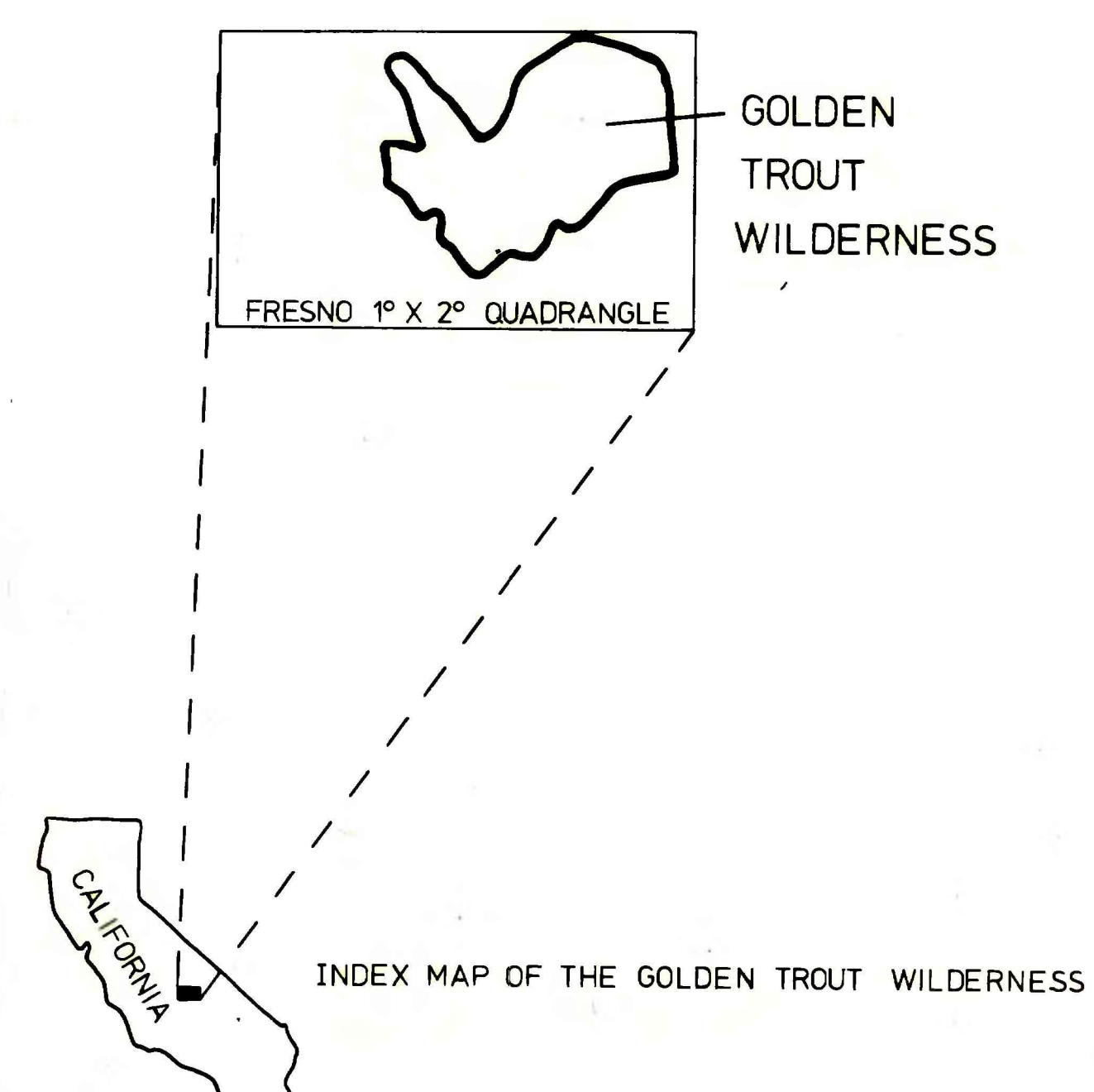
Plate 1.--Location of sample sites for the Golden Trout Wilderness, California

BASIC DATA REPORT AND GEOCHEMICAL SUMMARY FOR STREAM SEDIMENTS, HEAVY-MINERAL CONCENTRATES, ROCKS, AND WATERS FROM THE GOLDEN TROUT WILDERNESS, CALIFORNIA

By
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Studies Related to Wilderness

The Wilderness Act (Public Law 88-577, Sept. 3, 1964) and related Acts require the U.S. Geological Survey to survey certain areas on Federal lands to determine their mineral resource potential. Results must be made available to the public and be submitted to the President and the Congress. This report presents the results of a geochemical survey of the Golden Trout Wilderness, California.



SURFICIAL DEPOSITS		GRANITOID ROCKS (BATHOLITES)		IGNEOUS ROCKS (VOLCANIC ROCKS)	
Qal	Alluvium	Kwm	Granite of White Mountain	Ksc	Granite of Carroll Creek
Cal	Colluvium	Kcl	Granodiorite of Shafter Creek	Kvp	Granodiorite of Redneck Meadow
Qm	Glacial Moraine	Krf	Granodiorite of Volcano Falls	Xr	Abschite of Glendon Peak
Qt	Talus	Klr	Granodiorite of Tower Rock	Jws	Abschite of Winneux Cliffs
Qg	Gravel	Klm	Granodiorite of Loggy Meadow	Juc	Granite of Winneux Cliffs (porphyry zone is a calc. mass)
Qls	Landslide Deposit	Kcp	Abschite of Cayote Pass	Zkp	Abschite of Kern Peak
Qgs	Grus and Sand	Klk	Granite of Little Horn Lake Creek	Zsm	Granodiorite of Schaeffer Meadow
VOLCANIC ROCKS		Khh	Abschite of Hells Hole	IGNEOUS ROCKS (METAMORPHIC TERRAINS, PLUTONIC COUNTRY)	
Qvl	Rhyolite of Long Canyon	Jsf	Granite of Grasshopper Flat	Kap	Apilte
Tb	Basalt	Zbm	Granodiorite of Doe Meadow	Ktm	Mafic Plutonic Rock
Trt	Rhyolite of Templeman Mountain	Jsc	Granite of Window Cliffs	Kgd	Granodiorite
GRANITOID ROCKS (BATHOLITES)		GRANITOID ROCKS (BATHOLITES)		METAMORPHIC ROCKS	
Kem	Abschite of Moses Mountain	Klw	Granite of Little Whitney Meadow	Pmm	Metasedimentary Rocks
Kma	Granite of Flagg's Mountain	Kw	Whetstone Granodiorite	Psm	Metamorphic Rocks, Undifferentiated
Kyp	Granodiorite of Quinn Peak	Kib	Intrusion Breccia of Timmons Peak	Psh	Metasiltaceous Rocks
Kpc	Granodiorite of Baker Canyon	Kp	Paradise Granodiorite	Psw	Metasiltaceous Rocks

(Geology from duBrooy and Dellinger, 1981)