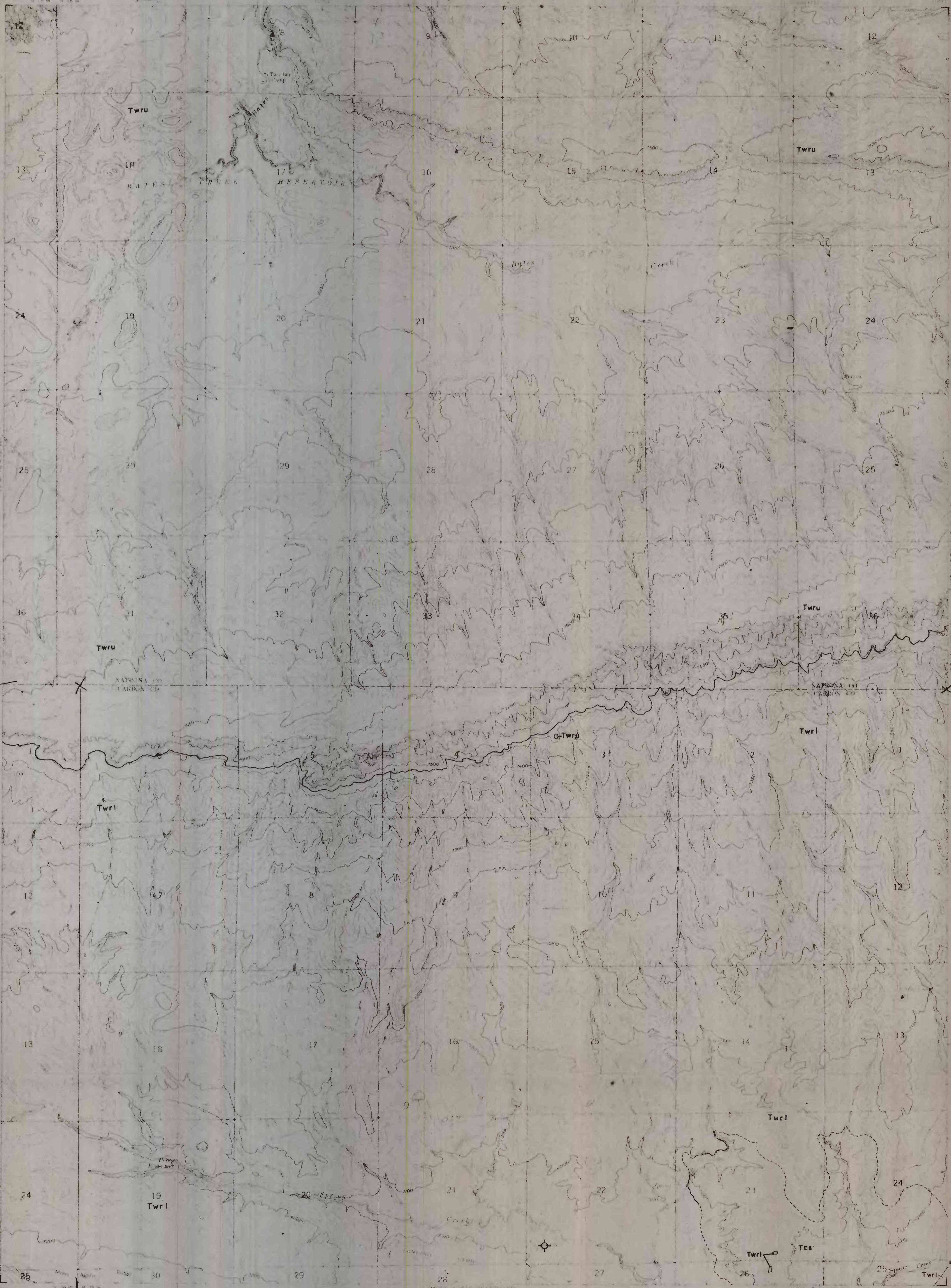


PLEASE REPLACE IN POCKET
IN BACK OF BOUND VOLUME

OFR 64-65

EXPLANATION

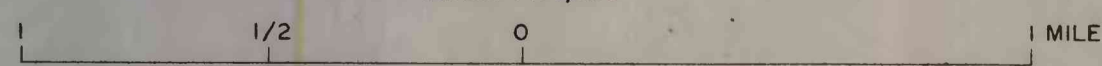
This is a master explanation for open-file geologic maps of the Bates Creek Reservoir, Horse Peak, Measel Spring Reservoir, Moss Agate Reservoir, Mud Springs, and Wild Irish Reservoir quadrangles. An asterisk (*) precedes the explanation for symbols not present in this quadrangle.



Base by U.S. Geological Survey

SCALE 1:24,000

Geology mapped in 1960



Pleistocene and Recent	Qal	QUATERNARY
	*Alluvium Stream alluvium and terrace gravels	
Pliocene	Qls	TERTIARY
	*Landslide material May be in part late Tertiary in age	
Miocene	Ta	TERTIARY
	*Arikaree Formation White tuffaceous sandstone, claystone, arkosic conglomerate, and fresh-water limestone	
UNCONFORMITY		
Oligocene	Twru Twrl	TERTIARY
	White River Formation Twru, upper member, interbedded tan siltstone and conglomerate. Twrl, lower member, tan tuffaceous siltstone	
Middle and Upper Eocene	Tcs	TERTIARY
	Claystone and sandstone Light-green silicified bentonitic claystone and arkosic sandstone. May be basal White River	
Lower Eocene	Tdr	TERTIARY
	*Wind River Formation Variegated siltstone and claystone, and gray sandstone; locally conglomeratic at base	
UNCONFORMITY		
Upper Cretaceous	Ks	CRETACEOUS
	*Steele Shale Gray soft shale; thin lenticular sandstone beds near top	
Upper Cretaceous	Kb	CRETACEOUS
	*Niobrara Formation Gray limy shale and shaly limestone	
<p>Contact Dashed where approximately located</p> <p>*High-angle fault Dashed where approximately located, U, upthrown side; D, downthrown side</p> <p>*Landslide area</p> <p>*Strike and dip of beds</p> <p>Dry test hole</p>		

This map is preliminary and has not been edited on revised topography with U. S. Geological Survey standards and nomenclature.

GEOLOGIC MAP OF THE BATES CREEK RESERVOIR QUADRANGLE, CARBON AND NATRONA COUNTIES, WYOMING

By
E. N. Harshman