

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

PRELIMINARY GEOLOGIC MAP OF THE ARMINTO 1° x 2° QUADRANGLE,
CENTRAL WYOMING

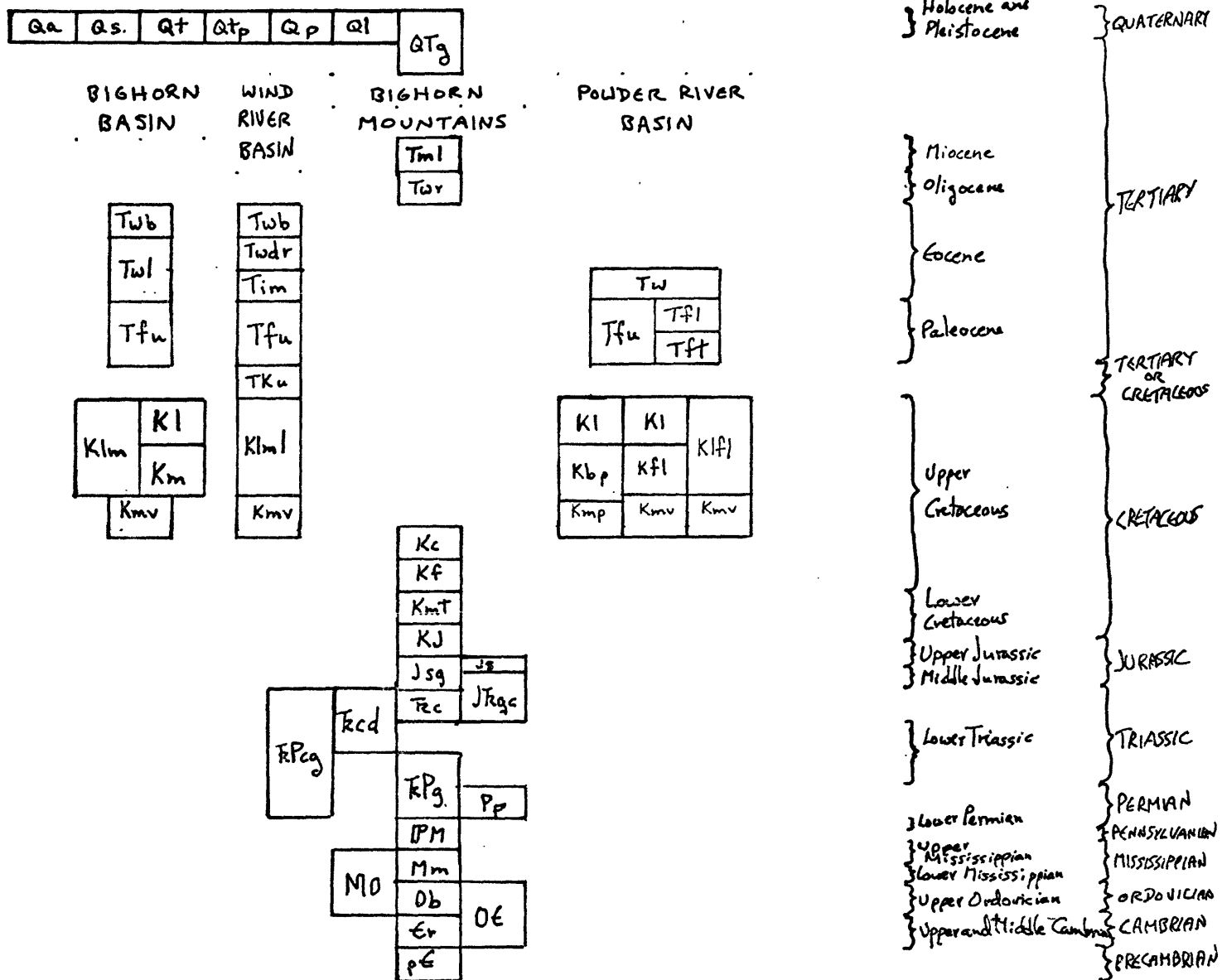
Compiled by

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1978

CORRELATION OF MAP UNITS



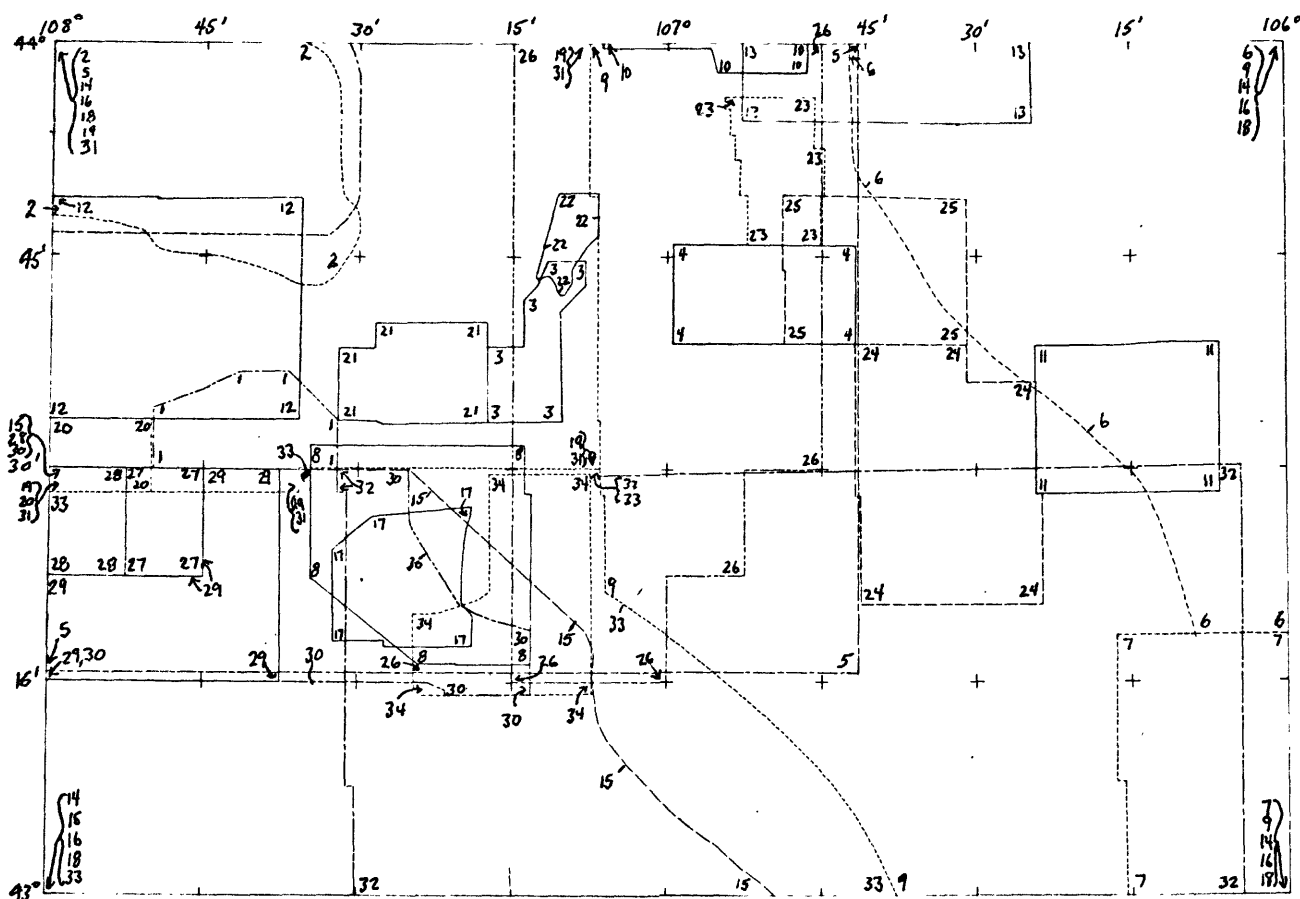
NOTE: This map is preliminary; it is incomplete in places and has not been reviewed for hanging contacts or edge joins.

LIST OF MAP UNITS

HOLOCENE AND PLEISTOCENE SURFICIAL DEPOSITS	
Qa	Alluvium and colluvium
Qs	Windblown sand
Qt	Terrace gravel
Qtp	Terrace and pediment gravel
Qp	Pediment gravel
Ql	Landslide deposits
QTg	QUATERNARY OR TERTIARY GRAVEL
Tml	LOWER MIOCENE ROCKS
Twr	OLIGOCENE WHITE RIVER FORMATION
EOCENE ROCKS	
Twb	Upper and middle Eocene Wagon Bed Formation
Twl	Lower Eocene Willwood Formation
Twdr	Lower Eocene Wind River Formation
Tim	Lower Eocene Indian Meadows Formation
Tw	Lower Eocene Wasatch Formation
Tfu	PALEOCENE FORT UNION FORMATION
Tfl	Lebo Member
Tft	Tullock Member
TKu	TERTIARY OR CRETACEOUS ROCKS--In T. 39 N., R. 89 W.
UPPER CRETACEOUS ROCKS	
Kl	Lance Formation
Km	Meeteetse Formation
Kbp	Bearpaw Shale
Kfl	Fox Hills Sandstone and Lewis Formation
Klm	Lance and Meeteetse Formations
Klml	Lance, Meeteetse, and Lewis Formations
Klfl	Lance, Fox Hills, and Lewis Formations
Kmv	Mesaverde Formation
Kmp	Parkman Sandstone Member
Kc	Cody Shale--Includes Shannon Sandstone Member
Kf	Frontier Formation
Kmt	LOWER CRETACEOUS MOWRY AND THERMOPOLIS SHALES
KJ	LOWER CRETACEOUS CLOVERLY FORMATION AND UPPER JURASSIC MORRISON FORMATION
Js	UPPER AND MIDDLE JURASSIC SUNDANCE FORMATION
Jsg	SUNDANCE FORMATION AND MIDDLE JURASSIC GYPSUM SPRING FORMATION
J R gc	GYPSUM SPRING FORMATION AND TRIASSIC CHUGWATER GROUP OR FORMATION
TRIASSIC ROCKS	
T c	Chugwater Formation
T cd	Chugwater Formation or Group and Lower Triassic Dinwoody Formation
TRIASSIC AND PERMIAN ROCKS	
T Pg	Lower Triassic and Permian Goose Egg Formation
T Pcg	Chugwater Formation or Group and Goose Egg Formation
Pp	PERMIAN PARK CITY OR PHOSPHORIA FORMATION AND RELATED ROCKS

TPM LOWER PERMIAN AND PENNSYLVANIAN TENSLEEP SANDSTONE AND
 PENNSYLVANIAN AND UPPER MISSISSIPPIAN AMSDEN FORMATION
 MISSISSIPPIAN, ORDOVICIAN, AND CAMBRIAN ROCKS
 Mm Upper and Lower Mississippian Madison Limestone
 Ob Upper Ordovician Bighorn Dolomite
 MO Madison Limestone and Bighorn Dolomite
 Cr Cambrian rocks--Upper Cambrian Gallatin Limestone, Upper and
 Middle Cambrian Gros Ventre Formation, and Middle Cambrian
 Flathead Sandstone
 OE Bighorn Dolomite and Cambrian rocks
 pC PRECAMBRIAN ROCKS

--- CONTACT--Dashed where approximately located
 - - - FAULT--Dotted where concealed. Bar and ball on downthrown side



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