This map is preliminary: it is incomplete in places and has hanging contacts; it has not been reviewed for edge joins.
LIST OF MAP UNITS

SURFICIAL DEPOSITS (HOLOCENE AND PLEISTOCENE)

Qa  Alluvium
Qac  Alluvium and colluvium
Qc  Colluvium
Qt  Terrace deposits
Qtp  Terrace and pediment gravels
Qp  Pediment gravels
Qls  Landslide deposits—Includes some talus deposits
Qlg  Landslide and glacial deposits
Qtg  Terrace gravel and glacial outwash deposits
Qg  Glacial deposits
Qs  Windblown sand
Qtr  Travertine deposits
Qf  Alluvial fan deposits
Qb  BASALT (PLEISTOCENE)

BASALT FLOWS AND INTRUSIVES (PLIOCENE)

Tb  BASALT FLOWS AND INTRUSIVES (PLIOCENE)

Caldwell Canyon Volcanics (Miocene or Younger)

Tcc  CALDWELL CANYON VOLCANICS (MIocene OR YOUNGER)

Intrusive Rocks (Eocene)

Ti  INTRUSIVE ROCKS (EOcene)

Tig  Granodiorite
Tid  Dacite
Tia  Andesite
Tir  Rhyolite

POST-WIND RIVER DIKE (POST-LOWER EOCENE)--In T. 2 N., R. 2 W.
(Wind River Meridian)

Te  EOCENE ROCKS UNDIVIDED

Upper and Middle Eocene Rocks—May include younger rocks locally

Twb  Wagon Bed Formation

Upper (?) and Middle Eocene Rocks

Tw  Wiggins Formation
Tt  Tepee Trail Formation
Ttw  Wiggins and Tepee Trail Formations
Ta  Aycross Formation (Middle Eocene)

Ttpw  Trout Peak Trachyanandesite (Middle Eocene) and Wapiti Formation
(Middle or Lower Eocene)

Te  LOWER EOCENE ROCKS
Tw  Wasatch Formation
Twi  Willwood Formation
Twd  Wind River Formation
Tim  Indian Meadows Formation
Tcg  Conglomerate beds

Lower Eocene and Paleocene Rocks

Tfu  Fort Union Formation (Paleocene)
Kl  Lance Formation (Upper Cretaceous)
Km  Meeteetse Formation (Upper Cretaceous)
Klm  Lance and Meeteetse Formations (Upper Cretaceous)
Kmv  Mesa Verde Formation (Upper Cretaceous)
Kc  Cody Shale (Upper Cretaceous)
Kmvc  Mesa Verde Formation and Cody Shale (Upper Cretaceous)
<table>
<thead>
<tr>
<th>Code</th>
<th>Formation/Sequence</th>
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<tbody>
<tr>
<td>Kf</td>
<td>FRONTIER FORMATION (UPPER CRETACEOUS)</td>
</tr>
<tr>
<td>Kmt</td>
<td>MOWRY AND THERMOPOLIS SHALES (LOWER CRETACEOUS)</td>
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<tr>
<td>Kft</td>
<td>FRONTIER FORMATION AND MOWRY AND THERMOPOLIS SHALES (UPPER AND LOWER CRETACEOUS)</td>
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<td>KJ</td>
<td>CLOVERLY FORMATION (LOWER CRETACEOUS) AND MORRISON FORMATION (UPPER JURASSIC)</td>
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<tr>
<td>Js</td>
<td>SUNDANCE FORMATION (UPPER AND MIDDLE JURASSIC)</td>
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<tr>
<td>Jsg</td>
<td>SUNDANCE FORMATION (UPPER AND MIDDLE JURASSIC) AND GYPSUM SPRING FORMATION (MIDDLE JURASSIC)</td>
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<td>JTrn</td>
<td>NUGGET SANDSTONE (JURASSIC? AND TRIASSIC?)</td>
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<td>JTr</td>
<td>SUNDANCE, GYPSUM SPRING, AND NUGGET FORMATIONS (UPPER AND MIDDLE JURASSIC AND JURASSIC? AND TRIASSIC?)</td>
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<td>JTrgn</td>
<td>GYPSUM SPRING FORMATION AND NUGGET SANDSTONE (MIDDLE JURASSIC AND JURASSIC? AND TRIASSIC?)</td>
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<td>Rcd</td>
<td>CHUGWATER FORMATION OR GROUP (TRIASSIC) AND DINWOODY FORMATION (LOWER TRIASSIC)</td>
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<td>Pp</td>
<td>PARK CITY OR PHOSPHORIA FORMATION AND RELATED ROCKS (PERMIAN)</td>
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<tr>
<td>Pm</td>
<td>TENSLEEP SANDSTONE (PENNSYLVANIAN) AND AHSDEN FORMATION (PENNSYLVANIAN AND UPPER MISSISSIPPIAN)</td>
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<tr>
<td>Pzr</td>
<td>MISSISSIPPIAN THROUGH CAMBRIAN ROCKS UNDIVIDED</td>
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<tr>
<td>Mm</td>
<td>MADISON LIMESTONE (UPPER AND LOWER MISSISSIPPIAN)</td>
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<tr>
<td>Dd</td>
<td>DARBY FORMATION (UPPER DEVONIAN)</td>
</tr>
<tr>
<td>MD</td>
<td>MADISON LIMESTONE AND DARBY FORMATION (UPPER AND LOWER MISSISSIPPIAN AND UPPER DEVONIAN)</td>
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<tr>
<td>Ob</td>
<td>BIGHORN DOLOMITE (UPPER ORDOVICIAN)</td>
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<tr>
<td>Cr</td>
<td>CAMBRIAN ROCKS—Includes Gallatin Limestone (Upper Cambrian), Gros Ventre Formation (Upper and Middle Cambrian), and Flathead Sandstone (Middle Cambrian)</td>
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<td>MDCE</td>
<td>MADISON LIMESTONE, BIGHORN DOLOMITE, AND CAMBRIAN ROCKS (UPPER AND LOWER MISSISSIPPIAN, UPPER ORDOVICIAN, AND UPPER AND MIDDLE CAMBRIAN)</td>
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<td>PRECAMBRIAN IGNEOUS AND METAMORPHIC ROCKS</td>
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<td>Diabase</td>
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<td>Migmatite</td>
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<tr>
<td>pCEum</td>
<td>Ultramafic rocks</td>
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<tr>
<td>pCEgn</td>
<td>Gneiss</td>
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<tr>
<td>pCEgm</td>
<td>Gneiss and migmatite into which felsic dike network has intruded</td>
</tr>
<tr>
<td>Ar</td>
<td>QUARTZ MONZONITE AND METASEDIMENTARY ROCKS (ARCHEAN)</td>
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</tbody>
</table>

CONTACT—Dashed where approximately located
FAULTS—Dotted where concealed
Normal fault—Bar and ball on downthrown side
Thrust fault—Sawteeth on upper plate
LAKE
GLACIER
SOURCES OF GEOLOGIC DATA


12. Kolm, K. E., 1974, ERTS MSS imagery applied to mapping and economic evaluation of sand dunes in Wyoming: University of Wyoming Special Report under contract NAS 5-21799 (available from National Technical Information Service, Springfield, Virginia), fig. 1, scale 1:1,000,000.


25. ______, unpublished mapping.