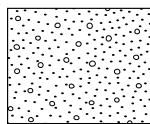
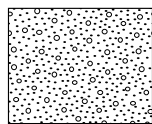


37—LITHOLOGIC PATTERNS

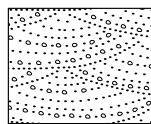
[Lithologic patterns are usually reserved for use on stratigraphic columns, sections, or charts]

37.1—Sedimentary-rock lithologic patterns

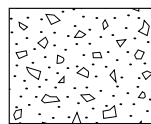
601
Gravel or
conglomerate
(1st option)



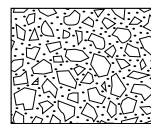
602
Gravel or
conglomerate
(2nd option)



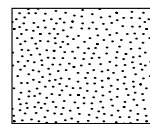
603
Crossbedded gravel
or conglomerate



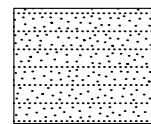
605
Breccia (1st option)



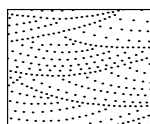
606
Breccia (2nd option)



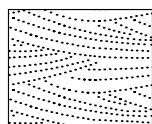
607
Massive sand or
sandstone



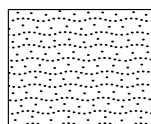
608
Bedded sand or
sandstone



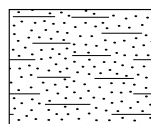
609
Crossbedded sand
or sandstone
(1st option)



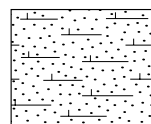
610
Crossbedded sand
or sandstone
(2nd option)



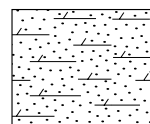
611
Ripple-bedded sand
or sandstone



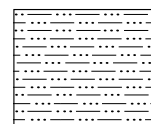
612
Argillaceous or
shaly sandstone



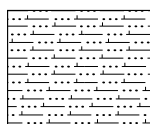
613
Calcareous
sandstone



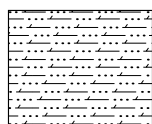
614
Dolomitic
sandstone



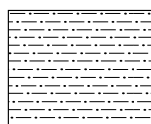
616
Silt, siltstone,
or shaly silt



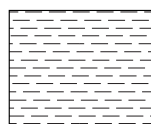
617
Calcareous
siltstone



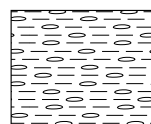
618
Dolomitic
siltstone



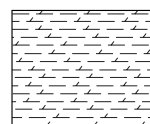
619
Sandy or silty
shale



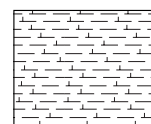
620
Clay or clay
shale



621
Cherty shale



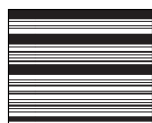
622
Dolomitic shale



623
Calcareous shale
or marl



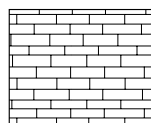
624
Carbonaceous
shale



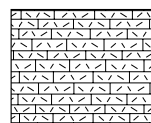
625
Oil shale



626
Chalk



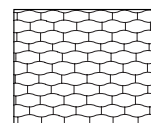
627
Limestone



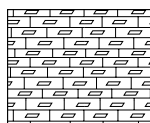
628
Clastic
limestone



629
Fossiliferous clastic
limestone



630
Nodular or irregularly
bedded limestone



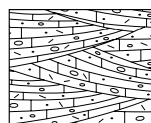
631
Limestone, irregular
(burrow?) fillings of
saccharoidal dolomite



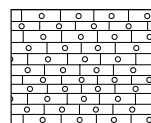
632
Crossbedded
limestone



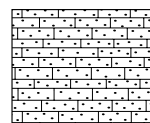
633
Cherty crossbedded
limestone



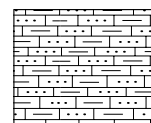
634
Cherty and sandy
crossbedded
clastic limestone



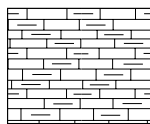
635
Oolitic
limestone



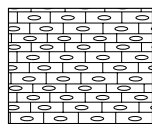
636
Sandy limestone



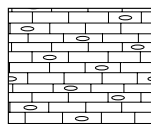
637
Silty limestone



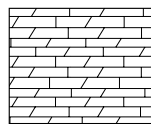
638
Argillaceous or
shaly limestone



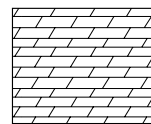
639
Cherty limestone
(1st option)



640
Cherty limestone
(2nd option)



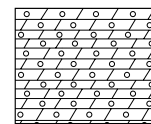
641
Dolomitic limestone,
limy dolomite, or
limy dolomite



642
Dolostone or
dolomite



643
Crossbedded
dolostone or
dolomite

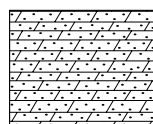
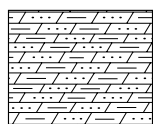
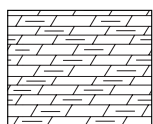
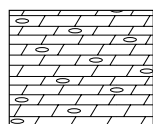
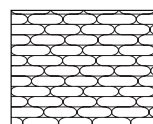
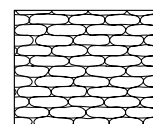
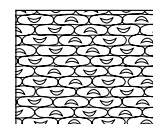
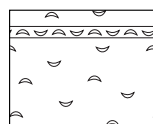
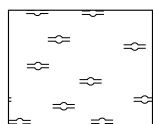
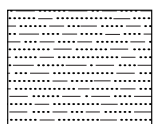
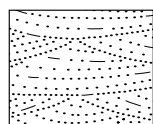
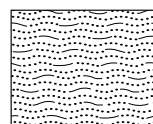
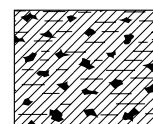
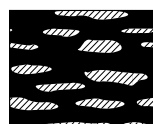
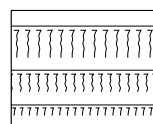
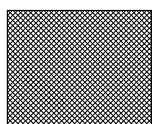
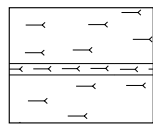
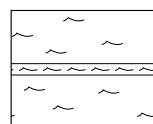
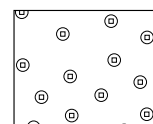
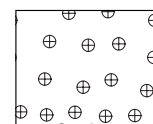
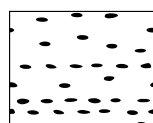
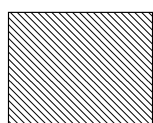
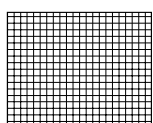
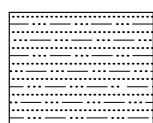
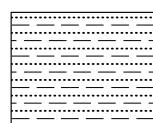
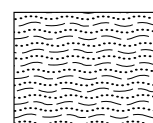
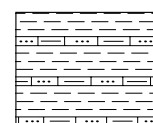
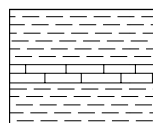
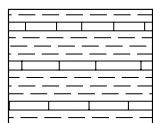
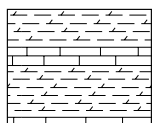
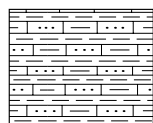
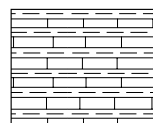
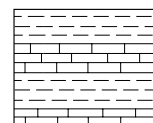
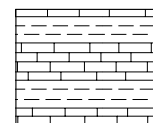
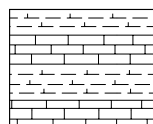
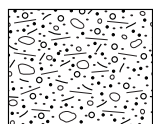
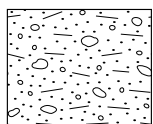
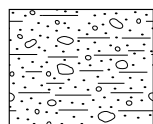
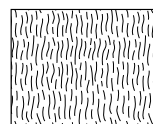
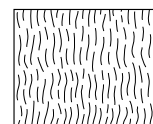
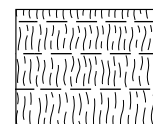


644
Oolitic dolostone
or dolomite

*For more information, see general guidelines on pages A-i to A-v.

37—LITHOLOGIC PATTERNS (continued)

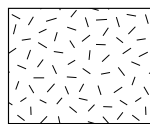
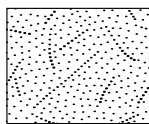
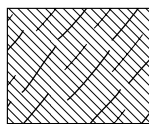
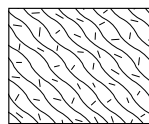
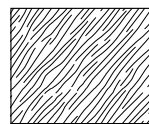
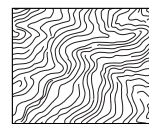
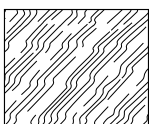
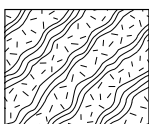
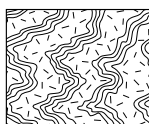
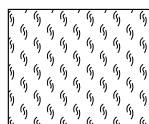
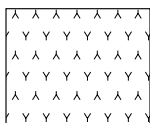
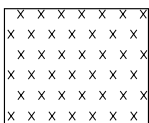
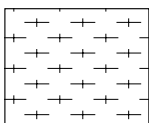
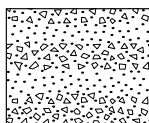
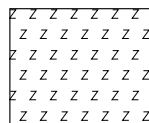
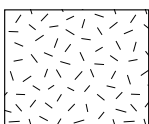
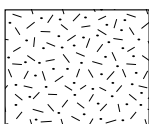
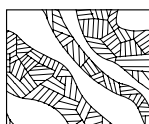
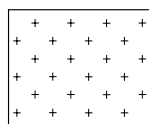
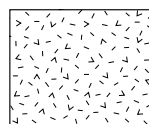
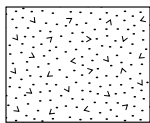
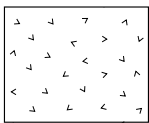
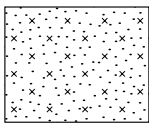
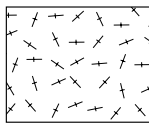
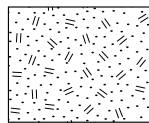
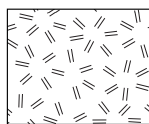
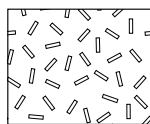
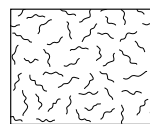
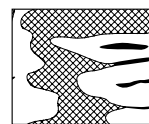
[Lithologic patterns are usually reserved for use on stratigraphic columns, sections, or charts]

37.1—Sedimentary-rock lithologic patterns (continued)**645**
Sandy dolomite
or dolomite**646**
Silty dolomite
or dolomite**647**
Argillaceous or
shaly dolomite
or dolomite**648**
Cherty dolomite
or dolomite**649**
Bedded chert
(1st option)**650**
Bedded chert
(2nd option)**651**
Fossiliferous
bedded chert**652**
Fossiliferous rock**653**
Diatomaceous
rock**654**
Subgraywacke**655**
Crossbedded
subgraywacke**656**
Ripple-bedded
subgraywacke**657**
Peat**658**
Coal**659**
Bony coal or
impure coal**660**
Underclay**661**
Flint clay**662**
Bentonite**663**
Glauconite**664**
Limonite**665**
Siderite**666**
Phosphatic-nodular
rock**667**
Gypsum**668**
Salt**669**
Interbedded
sandstone and
siltstone**670**
Interbedded
sandstone and
shale**671**
Interbedded ripple-
bedded sandstone
and shale**672**
Interbedded shale
and silty limestone
(shale dominant)**673**
Interbedded shale
and limestone
(shale dominant)
(1st option)**674**
Interbedded shale
and limestone
(shale dominant)
(2nd option)**675**
Interbedded calc-
areous shale and
limestone (shale
dominant)**676**
Interbedded
silty limestone
and shale**677**
Interbedded
limestone and
shale (1st option)**678**
Interbedded
limestone and
shale (2nd option)**679**
Interbedded
limestone and shale
(limestone dominant)**680**
Interbedded
limestone and
calcareous shale**681**
Till or diamicton
(1st option)**682**
Till or diamicton
(2nd option)**683**
Till or diamicton
(3rd option)**684**
Loess (1st option)**685**
Loess (2nd option)**686**
Loess (3rd option)

*For more information, see general guidelines on pages A-i to A-v.

37—LITHOLOGIC PATTERNS (continued)

[Lithologic patterns are usually reserved for use on stratigraphic columns, sections, or charts]

37.2—Metamorphic-rock, igneous-rock, and vein-matter lithologic patterns**701**
Metamorphism**702**
Quartzite**703**
Slate**704**
Schistose or
gneissoid granite**705**
Schist**706**
Contorted schist**707**
Schist and gneiss**708**
Gneiss**709**
Contorted gneiss**710**
Soapstone, talc,
or serpentine**711**
Tuffaceous rock**712**
Crystal tuff**713**
Devitrified
tuff**714**
Volcanic breccia
and tuff**715**
Volcanic breccia
or agglomerate**716**
Zeolitic rock**717**
Basaltic flows**718**
Granite (1st option)**719**
Granite (2nd option)**720**
Banded
igneous rock**721**
Igneous rock
(1st option)**722**
Igneous rock
(2nd option)**723**
Igneous rock
(3rd option)**724**
Igneous rock
(4th option)**725**
Igneous rock
(5th option)**726**
Igneous rock
(6th option)**727**
Igneous rock
(7th option)**728**
Igneous rock
(8th option)**729**
Porphyritic rock
(1st option)**730**
Porphyritic rock
(2nd option)**731**
Vitrophyre**732**
Quartz**733**
Ore

*For more information, see general guidelines on pages A-i to A-v.

