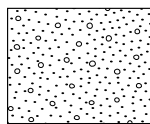


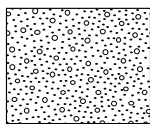
37—LITHOLOGIC PATTERNS

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

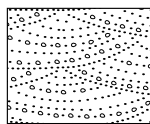
37.1—Sedimentary-rock lithologic patterns



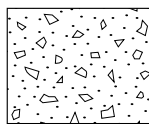
601
Gravel or
conglomerate
(1st option)



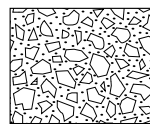
602
Gravel or
conglomerate
(2nd option)



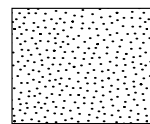
603
Crossbedded gravel
or conglomerate



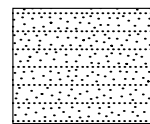
605
Breccia (1st option)



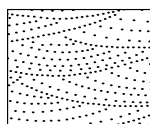
606
Breccia (2nd option)



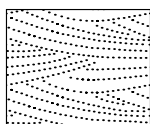
607
Massive sand or
sandstone



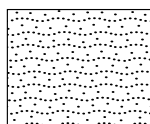
608
Bedded sand or
sandstone



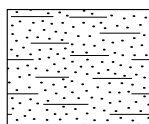
609
Crossbedded sand
or sandstone
(1st option)



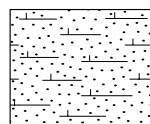
610
Crossbedded sand
or sandstone
(2nd option)



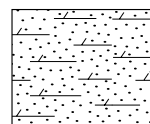
611
Ripple-bedded sand
or sandstone



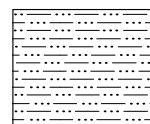
612
Argillaceous or
shaly sandstone



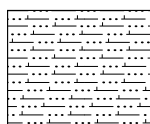
613
Calcareous
sandstone



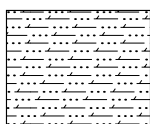
614
Dolomitic
sandstone



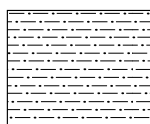
616
Silt, siltstone,
or shaly silt



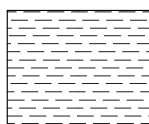
617
Calcareous
siltstone



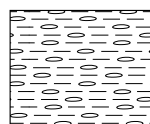
618
Dolomitic
siltstone



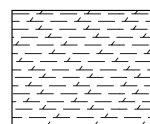
619
Sandy or silty
shale



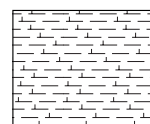
620
Clay or clay
shale



621
Cherty shale



622
Dolomitic shale



623
Calcareous shale
or marl



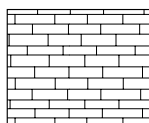
624
Carbonaceous
shale



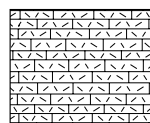
625
Oil shale



626
Chalk



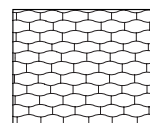
627
Limestone



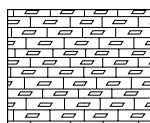
628
Clastic
limestone



629
Fossiliferous clastic
limestone



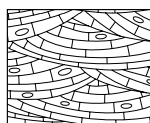
630
Nodular or irregularly
bedded limestone



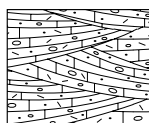
631
Limestone, irregular
(burrow?) fillings of
saccharoidal dolomite



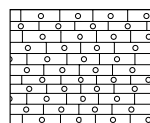
632
Crossbedded
limestone



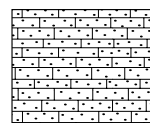
633
Cherty crossbedded
limestone



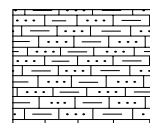
634
Cherty and sandy
crossbedded
clastic limestone



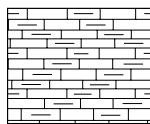
635
Oolitic
limestone



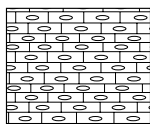
636
Sandy limestone



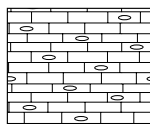
637
Silty limestone



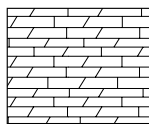
638
Argillaceous or
shaly limestone



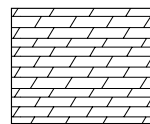
639
Cherty limestone
(1st option)



640
Cherty limestone
(2nd option)



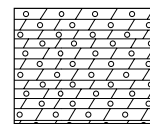
641
Dolomitic limestone,
limy dolomite, or
limy dolomite



642
Dolostone or
dolomite



643
Crossbedded
dolostone or
dolomite



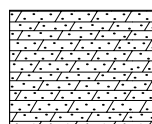
644
Oolitic dolostone
or dolomite

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

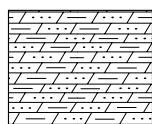
37—LITHOLOGIC PATTERNS (continued)

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

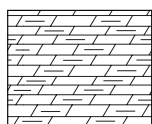
37.1—Sedimentary-rock lithologic patterns (continued)



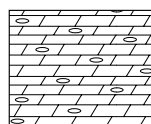
645
Sandy dolomite
or dolomite



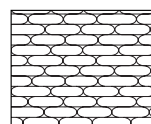
646
Silty dolomite
or dolomite



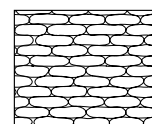
647
Argillaceous or
shaly dolomite
or dolomite



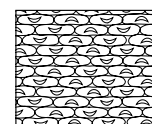
648
Cherty dolomite
or dolomite



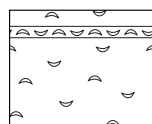
649
Bedded chert
(1st option)



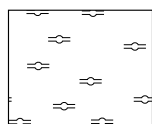
650
Bedded chert
(2nd option)



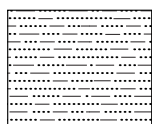
651
Fossiliferous
bedded chert



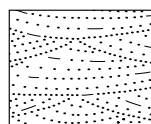
652
Fossiliferous rock



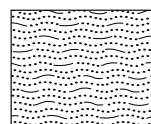
653
Diatomaceous
rock



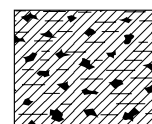
654
Subgraywacke



655
Crossbedded
subgraywacke



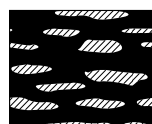
656
Ripple-bedded
subgraywacke



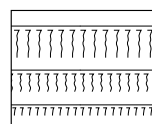
657
Peat



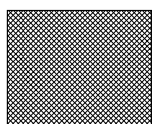
658
Coal



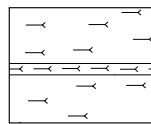
659
Bony coal or
impure coal



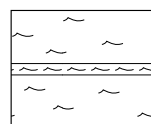
660
Underclay



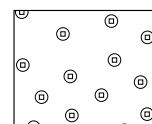
661
Flint clay



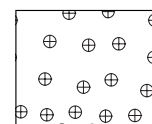
662
Bentonite



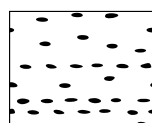
663
Glauconite



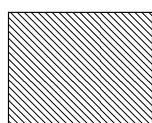
664
Limonite



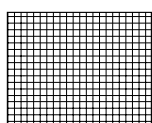
665
Siderite



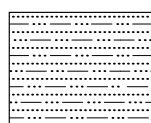
666
Phosphatic-nodular
rock



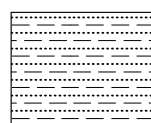
667
Gypsum



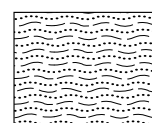
668
Salt



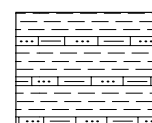
669
Interbedded
sandstone and
siltstone



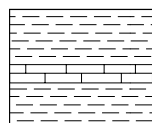
670
Interbedded
sandstone and
shale



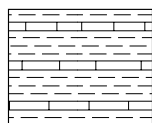
671
Interbedded ripple-
bedded sandstone
and shale



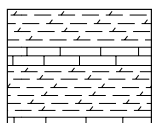
672
Interbedded shale
and silty limestone
(shale dominant)



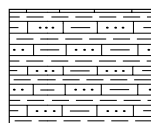
673
Interbedded shale
and limestone
(shale dominant)
(1st option)



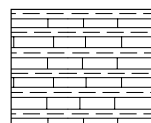
674
Interbedded shale
and limestone
(shale dominant)
(2nd option)



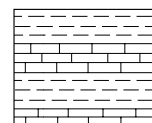
675
Interbedded calc-
areous shale and
limestone (shale
dominant)



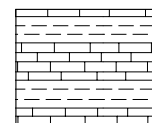
676
Interbedded
silty limestone
and shale



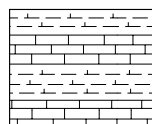
677
Interbedded
limestone and
shale (1st option)



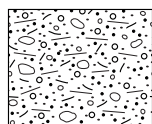
678
Interbedded
limestone and
shale (2nd option)



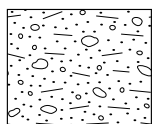
679
Interbedded
limestone and shale
(limestone dominant)



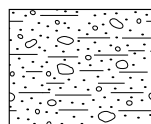
680
Interbedded
limestone and
calcareous shale



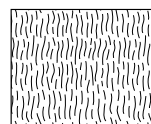
681
Till or diamicton
(1st option)



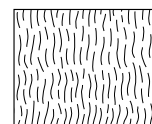
682
Till or diamicton
(2nd option)



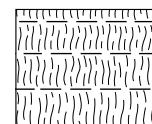
683
Till or diamicton
(3rd option)



684
Loess (1st option)



685
Loess (2nd option)



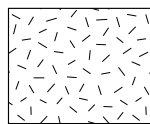
686
Loess (3rd option)

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

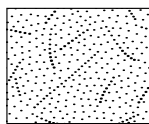
37—LITHOLOGIC PATTERNS (continued)

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

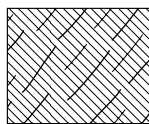
37.2—Metamorphic-rock, igneous-rock, and vein-matter lithologic patterns



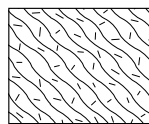
701
Metamorphism



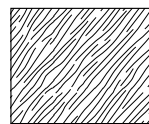
702
Quartzite



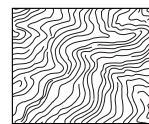
703
Slate



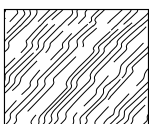
704
Schistose or
gneissoid granite



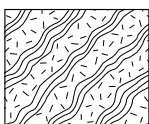
705
Schist



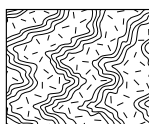
706
Contorted schist



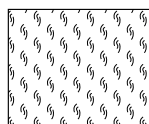
707
Schist and gneiss



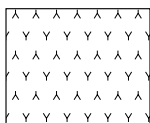
708
Gneiss



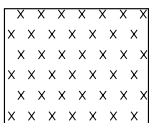
709
Contorted gneiss



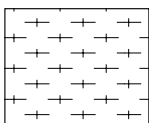
710
Soapstone, talc,
or serpentine



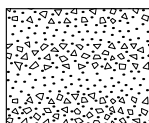
711
Tuffaceous rock



712
Crystal tuff



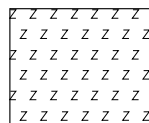
713
Devitrified
tuff



714
Volcanic breccia
and tuff



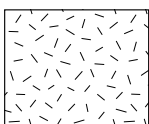
715
Volcanic breccia
or agglomerate



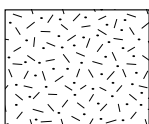
716
Zeolitic rock



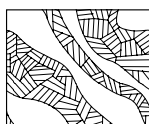
717
Basaltic flows



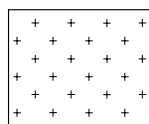
718
Granite (1st option)



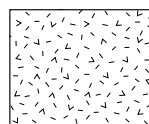
719
Granite (2nd option)



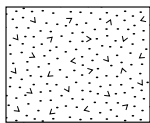
720
Banded
igneous rock



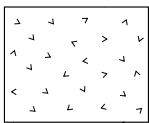
721
Igneous rock
(1st option)



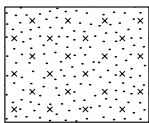
722
Igneous rock
(2nd option)



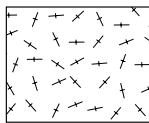
723
Igneous rock
(3rd option)



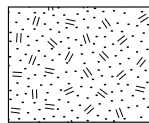
724
Igneous rock
(4th option)



725
Igneous rock
(5th option)



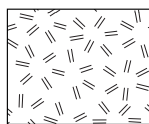
726
Igneous rock
(6th option)



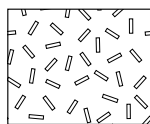
727
Igneous rock
(7th option)



728
Igneous rock
(8th option)



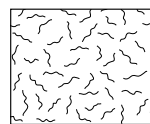
729
Porphyritic rock
(1st option)



730
Porphyritic rock
(2nd option)



731
Vitrophyre



732
Quartz



733
Ore

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