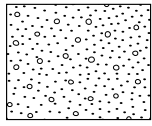


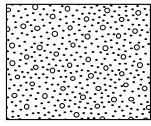
37—LITHOLOGIC PATTERNS

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

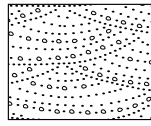
37.1—Sedimentary-rock lithologic patterns



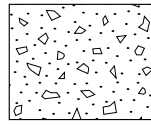
601
 Gravel or conglomerate
 (1st option)



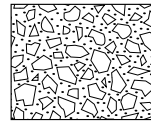
602
 Gravel or conglomerate
 (2nd option)



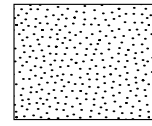
603
 Crossbedded gravel or conglomerate



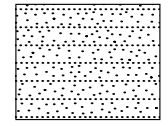
605
 Breccia (1st option)



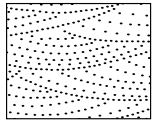
606
 Breccia (2nd option)



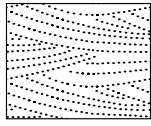
607
 Massive sand or sandstone



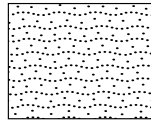
608
 Bedded sand or sandstone



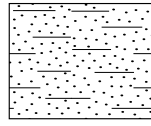
609
 Crossbedded sand or sandstone
 (1st option)



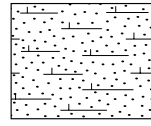
610
 Crossbedded sand or sandstone
 (2nd option)



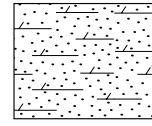
611
 Ripple-bedded sand or sandstone



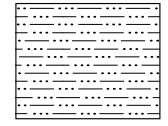
612
 Argillaceous or shaly sandstone



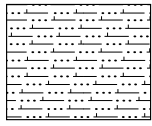
613
 Calcareous sandstone



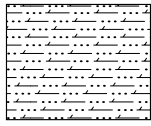
614
 Dolomitic sandstone



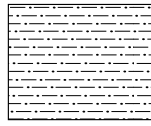
616
 Silt, siltstone,
 or shaly silt



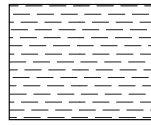
617
 Calcareous siltstone



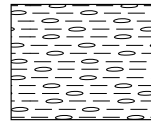
618
 Dolomitic siltstone



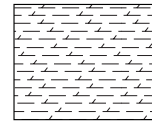
619
 Sandy or silty shale



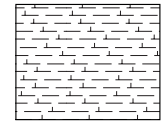
620
 Clay or clay shale



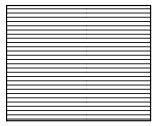
621
 Cherty shale



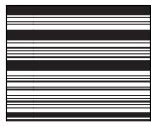
622
 Dolomitic shale



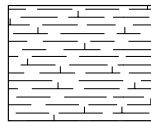
623
 Calcareous shale or marl



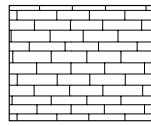
624
 Carbonaceous shale



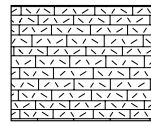
625
 Oil shale



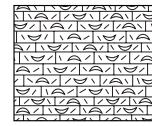
626
 Chalk



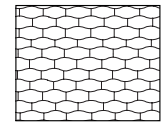
627
 Limestone



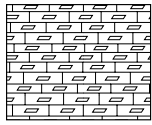
628
 Clastic limestone



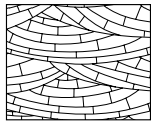
629
 Fossiliferous clastic limestone



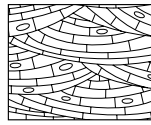
630
 Nodular or irregularly bedded limestone



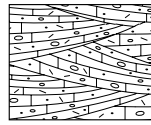
631
 Limestone, irregular (burrow?) fillings of saccharoidal dolomite



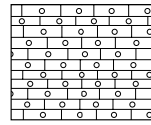
632
 Crossbedded limestone



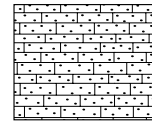
633
 Cherty crossbedded limestone



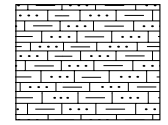
634
 Cherty and sandy crossbedded clastic limestone



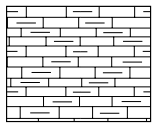
635
 Oolitic limestone



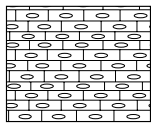
636
 Sandy limestone



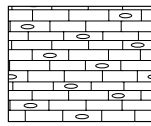
637
 Silty limestone



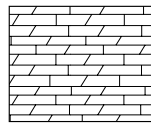
638
 Argillaceous or shaly limestone



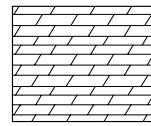
639
 Cherty limestone
 (1st option)



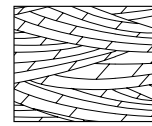
640
 Cherty limestone
 (2nd option)



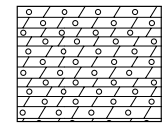
641
 Dolomitic limestone,
 limy dolomite, or
 limy dolomite



642
 Dolostone or dolomite



643
 Crossbedded dolostone or dolomite



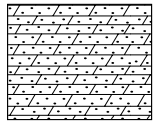
644
 Oolitic dolostone or dolomite

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

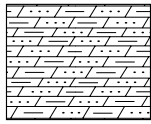
37—LITHOLOGIC PATTERNS (continued)

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

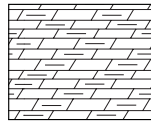
37.1—Sedimentary-rock lithologic patterns (continued)



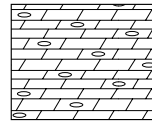
645
Sandy dolostone
or dolomite



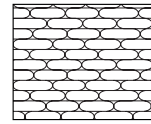
646
Silty dolostone
or dolomite



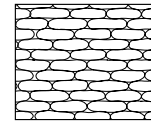
647
Argillaceous or
shaly dolostone
or dolomite



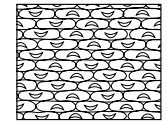
648
Cherty dolostone
or dolomite



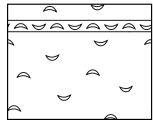
649
Bedded chert
(1st option)



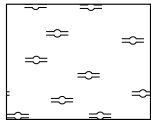
650
Bedded chert
(2nd option)



651
Fossiliferous
bedded chert



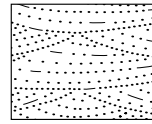
652
Fossiliferous rock



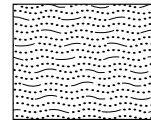
653
Diatomaceous
rock



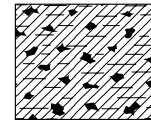
654
Subgraywacke



655
Crossbedded
subgraywacke



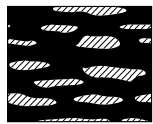
656
Ripple-bedded
subgraywacke



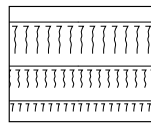
657
Peat



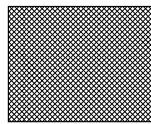
658
Coal



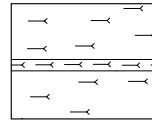
659
Bony coal or
impure coal



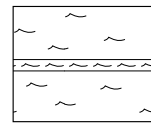
660
Underclay



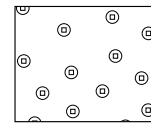
661
Flint clay



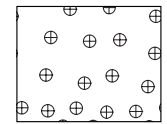
662
Bentonite



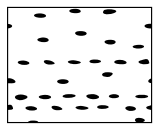
663
Glauconite



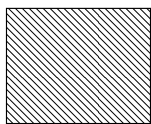
664
Limonite



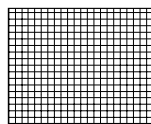
665
Siderite



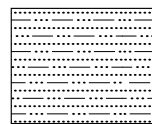
666
Phosphatic-nodular
rock



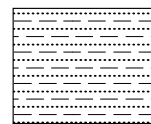
667
Gypsum



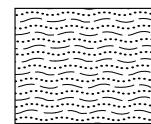
668
Salt



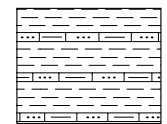
669
Interbedded
sandstone and
siltstone



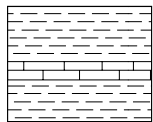
670
Interbedded
sandstone and
shale



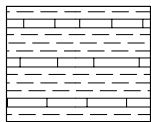
671
Interbedded ripple-
bedded sandstone
and shale



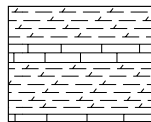
672
Interbedded shale
and silty limestone
(shale dominant)



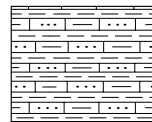
673
Interbedded shale
and limestone
(shale dominant)
(1st option)



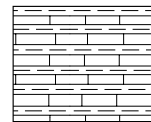
674
Interbedded shale
and limestone
(shale dominant)
(2nd option)



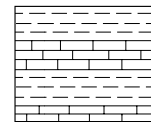
675
Interbedded calcareous
shale and limestone
(shale dominant)



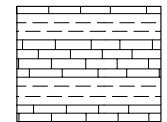
676
Interbedded
silty limestone
and shale



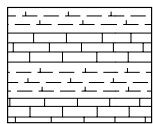
677
Interbedded
limestone and
shale (1st option)



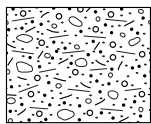
678
Interbedded
limestone and
shale (2nd option)



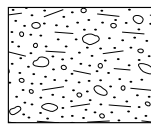
679
Interbedded
limestone and shale
(limestone dominant)



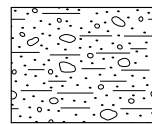
680
Interbedded
limestone and
calcareous shale



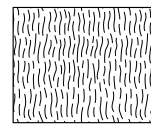
681
Till or diamiction
(1st option)



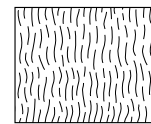
682
Till or diamiction
(2nd option)



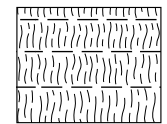
683
Till or diamiction
(3rd option)



684
Loess (1st option)



685
Loess (2nd option)



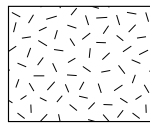
686
Loess (3rd option)

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

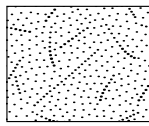
37—LITHOLOGIC PATTERNS (continued)

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

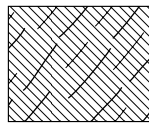
37.2—Metamorphic-rock, igneous-rock, and vein-matter lithologic patterns



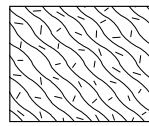
701
Metamorphism



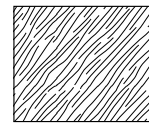
702
Quartzite



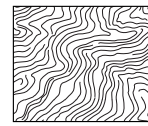
703
Slate



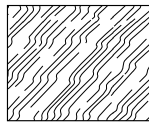
704
Schistose or
gneissoid granite



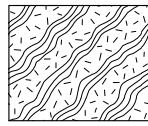
705
Schist



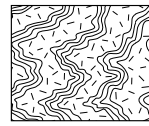
706
Contorted schist



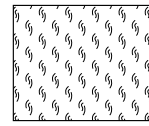
707
Schist and gneiss



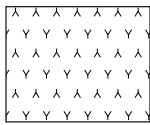
708
Gneiss



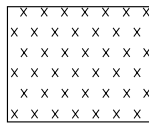
709
Contorted gneiss



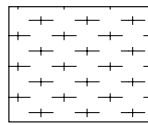
710
Soapstone, talc,
or serpentine



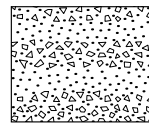
711
Tuffaceous rock



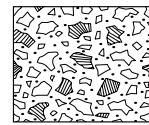
712
Crystal tuff



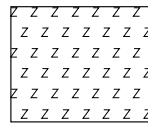
713
Devitrified
tuff



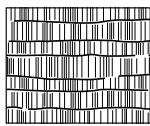
714
Volcanic breccia
and tuff



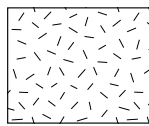
715
Volcanic breccia
or agglomerate



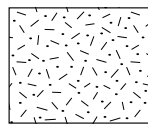
716
Zeolitic rock



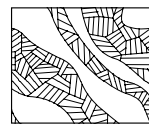
717
Basaltic flows



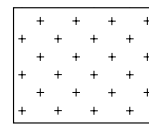
718
Granite (1st option)



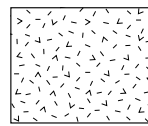
719
Granite (2nd option)



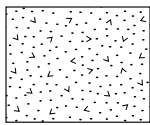
720
Banded
igneous rock



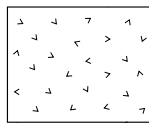
721
Igneous rock
(1st option)



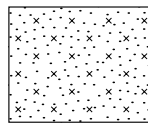
722
Igneous rock
(2nd option)



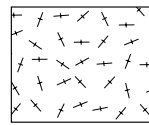
723
Igneous rock
(3rd option)



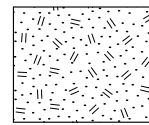
724
Igneous rock
(4th option)



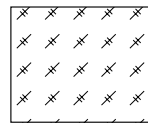
725
Igneous rock
(5th option)



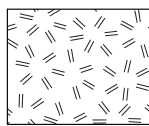
726
Igneous rock
(6th option)



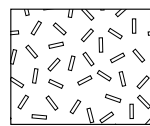
727
Igneous rock
(7th option)



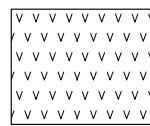
728
Igneous rock
(8th option)



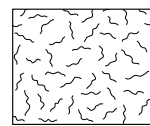
729
Porphyritic rock
(1st option)



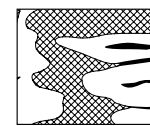
730
Porphyritic rock
(2nd option)



731
Vitrophyre



732
Quartz



733
Ore

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