

## KEYS TO SECTION CROSSWORDS

### Section 1

#### *Across*

1. compound
3. silicate
6. glass
8. igneous
11. isotope
12. crystalline
16. core
17. oxide

18. lava
19. exponential
22. plutonic
24. volcanic
27. mineral
29. electron
30. sulfide

#### *Down*

1. cation
2. magma
4. ion
5. crust
7. anion
9. foliation
10. metamorphic
12. carbonate
13. sedimentary
14. atom

15. mantle
16. covalent
20. neutron
21. sulfate
22. proton
23. nucleus
25. clastic
26. ionic
28. rock

### Section 2

#### *Across*

3. elastic limit
5. liquefaction
6. transform fault
8. intensity
10. dormant volcano
11. fault
15. aftershocks
16. brittle
17. phreatic eruption

20. rhyolite
23. pyroclastics
24. convection cell
25. P waves
26. cinder cone
28. seismic waves
31. creep
32. earthquake
33. asthenosphere
34. seismic gap

#### *Down*

1. basalt
2. tectonics
3. extinct volcano
4. tsunami
5. lithosphere
7. fissure eruption
9. stratovolcano
12. lahar
13. magnitude

14. strain
15. active volcano
18. shield volcano
19. island arc
21. hot spot
22. epicenter
26. caldera
27. focus
29. S waves

## KEYS TO SECTION CROSSWORDS (contd.)

### Section 3

#### *Across*

- 4. crest
- 6. rockfall
- 10. abrasion
- 11. floodplain
- 14. striations
- 15. talus
- 17. slump
- 18. delta
- 20. barrier island
- 22. load

- 23. beach
- 25. deflation
- 27. wave base
- 28. surge
- 30. drift
- 31. creep
- 32. loess
- 34. meander
- 35. milling
- 36. estuary

#### *Down*

- 1. gradient
- 2. moraine
- 3. glacier
- 5. stage
- 7. oxbows
- 8. fall
- 9. discharge
- 12. landslide
- 13. outwash
- 16. hydrograph

- 17. slide
- 19. ablation
- 21. ventifact
- 24. calving
- 25. desert
- 26. flow
- 28. stream
- 29. levees
- 30. dune
- 33. till

### Section 4

#### *Across*

- 3. ground  
water
- 7. vadose zone
- 8. spoil bank
- 11. hydrothermal
- 13. oil
- 15. laterite
- 16. kerogen
- 19. pegmatite
- 20. tar sand
- 21. aquitard
- 23. methane  
hydrate

- 25. fossil fuel
- 26. A horizon
- 27. gasohol
- 29. aquifer
- 30. recharge
- 32. tailings
- 34. biomass
- 36. porosity
- 37. B horizon
- 38. leaching
- 39. fusion
- 40. kimberlites

#### *Down*

- 1. water table
- 2. core  
meltdown
- 3. gasification
- 4. nonrenewable
- 6. evaporite
- 9. pedalfer
- 10. oil shale
- 12. hard water
- 14. liquefaction
- 17. lignite
- 18. natural gas

- 19. permeability
- 21. anthracite
- 22. sinkhole
- 24. decommission
- 25. fission
- 28. bituminous
- 29. anaerobic
- 31. C horizon
- 33. pedocal
- 35. soil
- 36. placer

## KEYS TO SECTION CROSSWORDS (contd.)

### Section 5

#### *Across*

2. source separation
4. secure landfill
7. high-level
9. heavy metals
11. multiple use concept
13. absorption field
14. half-life
16. aerobic
17. leaching field

#### *Down*

1. leachate
2. sanitary landfill
3. nonpoint source
5. acid rain
6. thermal inversion
8. eutrophication
10. residence time
12. low-level
13. anaerobic
15. BOD

### Section 6

#### *Across*

3. permafrost table
5. Cenozoic
6. Riparian Doctrine
8. remote sensing
11. scale
15. Phanerozoic
16. Mesozoic
17. Precautionary Principle
18. Superposition
21. bedrock geology
22. trace elements
23. multiple use
24. dose-response curve

#### *Down*

1. Precambrian
2. Uniformitarianism
3. permafrost
4. Original Horizontality
7. Prior Appropriation
9. EEZ
10. EIS
12. contour line
13. cross
14. faunal succession
19. sequential use
20. Paleozoic