

## 2023 Soils Practicum: Part 2

The following questions refer to the Custom Soil Resource Report Generated from Web Soil Survey from an area located in Caldwell Parish, Louisiana.

- 7.) What is the land capability classification (nonirrigated) of the Rilla silt loam, 1 to 3 percent slopes map unit?
- a) 2e
  - b) 6e
  - c) 3w
  - d) 1
- 8.) What does the abbreviation 'AOI' stand for?
- a) Any Observation Identified
  - b) Area of Interest
  - c) Acres of Interest
  - d) Acres of Interpretation
- 9.) What is the latitude and longitude of the Southeast corner of the custom soil resource map (not the AOI)?
- a) 32° 59' 24" N, 91° 15' 49" W
  - b) 32° 15' 16" N, 91° 59' 44" W
  - c) 32° 13' 33" N, 91° 59' 44" W
  - d) 32° 13' 33" N, 91° 2' 51" W
- 10.) Within the AOI of the custom soil resource report soil map, how many acres are there of the Perry clay, 0 to 1 percent slopes, occasionally flooded, Arkansas River map unit?
- a) 7.3
  - b) 782.5
  - c) 67.5
  - d) 51.6
- 11.) What is the depth to water table of the Hebert component in the Rilla-Hebert silt loams complex, 0 to 3 percent slopes map unit?
- a) About 48 to 72 inches
  - b) More than 80 inches
  - c) About 18 to 36 inches
  - d) About 7 to 18 inches

12.) What is the minor component of the Hebert silty clay loam, 0 to 1 percent clay map unit that is considered to have a hydric soil rating?

- a) Rilla
- b) Arents
- c) Portland
- d) Perry

13.) Based on the Ecological Site Map and Rating which soil map unit is in the Loamy Floodplain ecological site?

- a) Hebert silt loam, 0 to 1 percent slopes
- b) Perry clay
- c) Rilla silt loam, 1 to 3 percent slopes
- d) Both A and C

14.) What is the parent material of the Hebert silt loam, 0 to 1 percent slopes?

- a) Holocene silty alluvium
- b) Loamy alluvium
- c) Clayey alluvium
- d) Silty alluvium from sedimentary rocks

15.) Which soil component is rated as “not limited” for a pond reservoir area?

- a) Hebert
- b) Arents
- c) Perry
- d) Rilla

16.) For the Perry clay map unit, ‘clay’ is indicative of the most dominant surface texture of the map unit?

- a) TRUE
- b) FALSE

17.) On what landform is the Rilla silt loam, 1 to 3 percent slopes map unit located?

- a) Swales
- b) Flood Plains
- c) Natural Levees
- d) Terraces

18.) Most soil minor components have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management – they are called noncontrasting, or similar components. They may or may not be mentioned in a particular map unit description.

- a) TRUE
- b) FALSE

19.) If the Pg map unit has a land capability class of 4w, what do you expect the predominant vegetative cover to be?

- a) Cropland
- b) Trees
- c) Grassland
- d) Marsh

20.) What is the named water body feature on the map?

- a) Marty's pond
- b) Arkansas River
- c) Bayou Bartholomew
- d) Boeuf River

# 2023 Soils Practicum Answer Key

1.

2.

3.

4.

5.

6.

7. A

8. B

9. C

10. B

11. C

12. D

13. D

14. A

15. C

16. A

17. C

18. A

19. B

20. D