DESCRIPTION OF UNITS

UNIT NAME

10. GEOLOGICAL SURVEY Map Credit

11. HENNESSEY Formation

12. WELLINGTON Formation

13. PHELPS FORMATION

14. REMNANTS OF OLDER TERRACE DEPOSITS (Pleistocene)

15. REMNANTS OF YOUNG TERRACE DEPOSITS (Late Wisconsinan)

16. GARBER FORMATION (Permian) Sandstone, fine-grained to very fine-grained, less common. This part of the Hennessy Formation probably correlates with the Fairmont unit

17. CONGLOMERATE UNIT (Eocene) Concentration of debris derived from Precambrian and Paleozoic formations. This unit is also derived from the Arkansas River Valley. The lower part of this unit contains arkosic sandstone, with a sharp base, and shale-tuff breccia. The upper part of this unit is rich in shale-tuff breccia and massive concrete breccia. The lower part of this unit contains arkosic sandstone, with a sharp base, and shale-tuff breccia. The upper part of this unit is rich in shale-tuff breccia and massive concrete breccia.

18. SATELLITE OF OLDER DEPOSITS (Quaternary) Concentration of debris derived from arkosic sandstone and shale-tuff breccia. The lower part of this unit contains arkosic sandstone, with a sharp base, and shale-tuff breccia. The upper part of this unit is rich in shale-tuff breccia and massive concrete breccia.

19. SATELLITE OF YOUNGER DEPOSITS (Late Wisconsinan) Concentration of debris derived from arkosic sandstone and shale-tuff breccia. The lower part of this unit contains arkosic sandstone, with a sharp base, and shale-tuff breccia. The upper part of this unit is rich in shale-tuff breccia and massive concrete breccia.

20. SATELLITE OF FAIRMONT DEPOSITS (Early Wisconsinan) Concentration of debris derived from arkosic sandstone and shale-tuff breccia. The lower part of this unit contains arkosic sandstone, with a sharp base, and shale-tuff breccia. The upper part of this unit is rich in shale-tuff breccia and massive concrete breccia.

21. SATELLITE OF FLOODPLAIN DEPOSITS (Eocene) Concentration of debris derived from arkosic sandstone and shale-tuff breccia. The lower part of this unit contains arkosic sandstone, with a sharp base, and shale-tuff breccia. The upper part of this unit is rich in shale-tuff breccia and massive concrete breccia.

22. HENNESSEY DEPOSITS (Eocene) Concentration of debris derived from arkosic sandstone and shale-tuff breccia. The lower part of this unit contains arkosic sandstone, with a sharp base, and shale-tuff breccia. The upper part of this unit is rich in shale-tuff breccia and massive concrete breccia.

23. GARBER DEPOSITS (Permian) Sandstone, fine-grained to very fine-grained, less common. This part of the Hennessy Formation probably correlates with the Fairmont unit

24. CONGLOMERATE UNIT (Eocene) Concentration of debris derived from arkosic sandstone and shale-tuff breccia. The lower part of this unit contains arkosic sandstone, with a sharp base, and shale-tuff breccia. The upper part of this unit is rich in shale-tuff breccia and massive concrete breccia.

25. SATELLITE OF OLDER DEPOSITS (Quaternary) Concentration of debris derived from arkosic sandstone and shale-tuff breccia. The lower part of this unit contains arkosic sandstone, with a sharp base, and shale-tuff breccia. The upper part of this unit is rich in shale-tuff breccia and massive concrete breccia.

26. SATELLITE OF YOUNGER DEPOSITS (Late Wisconsinan) Concentration of debris derived from arkosic sandstone and shale-tuff breccia. The lower part of this unit contains arkosic sandstone, with a sharp base, and shale-tuff breccia. The upper part of this unit is rich in shale-tuff breccia and massive concrete breccia.

27. SATELLITE OF FAIRMONT DEPOSITS (Early Wisconsinan) Concentration of debris derived from arkosic sandstone and shale-tuff breccia. The lower part of this unit contains arkosic sandstone, with a sharp base, and shale-tuff breccia. The upper part of this unit is rich in shale-tuff breccia and massive concrete breccia.

28. SATELLITE OF FLOODPLAIN DEPOSITS (Eocene) Concentration of debris derived from arkosic sandstone and shale-tuff breccia. The lower part of this unit contains arkosic sandstone, with a sharp base, and shale-tuff breccia. The upper part of this unit is rich in shale-tuff breccia and massive concrete breccia.

29. HENNESSEY DEPOSITS (Eocene) Concentration of debris derived from arkosic sandstone and shale-tuff breccia. The lower part of this unit contains arkosic sandstone, with a sharp base, and shale-tuff breccia. The upper part of this unit is rich in shale-tuff breccia and massive concrete breccia.

30. GARBER DEPOSITS (Permian) Sandstone, fine-grained to very fine-grained, less common. This part of the Hennessy Formation probably correlates with the Fairmont unit

31. CONGLOMERATE UNIT (Eocene) Concentration of debris derived from arkosic sandstone and shale-tuff breccia. The lower part of this unit contains arkosic sandstone, with a sharp base, and shale-tuff breccia. The upper part of this unit is rich in shale-tuff breccia and massive concrete breccia.

32. SATELLITE OF OLDER DEPOSITS (Quaternary) Concentration of debris derived from arkosic sandstone and shale-tuff breccia. The lower part of this unit contains arkosic sandstone, with a sharp base, and shale-tuff breccia. The upper part of this unit is rich in shale-tuff breccia and massive concrete breccia.

33. SATELLITE OF YOUNGER DEPOSITS (Late Wisconsinan) Concentration of debris derived from arkosic sandstone and shale-tuff breccia. The lower part of this unit contains arkosic sandstone, with a sharp base, and shale-tuff breccia. The upper part of this unit is rich in shale-tuff breccia and massive concrete breccia.

34. SATELLITE OF FAIRMONT DEPOSITS (Early Wisconsinan) Concentration of debris derived from arkosic sandstone and shale-tuff breccia. The lower part of this unit contains arkosic sandstone, with a sharp base, and shale-tuff breccia. The upper part of this unit is rich in shale-tuff breccia and massive concrete breccia.

35. SATELLITE OF FLOODPLAIN DEPOSITS (Eocene) Concentration of debris derived from arkosic sandstone and shale-tuff breccia. The lower part of this unit contains arkosic sandstone, with a sharp base, and shale-tuff breccia. The upper part of this unit is rich in shale-tuff breccia and massive concrete breccia.

36. HENNESSEY DEPOSITS (Eocene) Concentration of debris derived from arkosic sandstone and shale-tuff breccia. The lower part of this unit contains arkosic sandstone, with a sharp base, and shale-tuff breccia. The upper part of this unit is rich in shale-tuff breccia and massive concrete breccia.