Revision of November, 1922.

Key to the Soils of the Great Basin Region.

- Residual material from
  - Limestone
    - Mainly crystalline limestone
      - Medium gray to dark gray soil
        - Gray to yellowish subsoil
          - Calcareous
            - Richmond
    - Soft tertiary limestone
      - Medium gray to light gray soil
        - Light gray to yellowish gray subsoil
          - Compact and calcareous
            - Blackrock
  - Fragmental volcanic material
    - Gray soil
      - Gray subsoil
        - Crater cone deposits
          - Soda Lake
- Wind-laid material
  - Mixed origin
    - Brown to light brown soil
      - Yellowish brown subsoil
        - Preston
- Old Valley Filling material
  - Alluvial fan and stream laid deposits
    - Limestone and quartzite
      - Brown to dark reddish brown soil
        - Reddish brown to yellowish brown or gray subsoil
          - Compact and calcareous
            - Avon
  - Lake-laid deposits
    - Mainly granitic
      - Brown to dark brown soil
        - Brown to light brown subsoil
          - Irregularly calcareous
            - Substratum lake beds
              - Drainage well established
                - Lake terrace
                - Johnstonville
    - Mainly limestone
      - Light brown to brown soil
        - Light gray to yellowish brown subsoil
          - Calcareous
            - Gravel substratum
              - Drainage well established
                - Lake terrace
                - Sterling
      - Gray to dark gray soil
        - Light gray to yellowish brown subsoil
          - Calcareous
            - Gravel substratum
              - Drainage well established
                - Lake terrace
                - Hyrum
    - Mainly eruptive rocks
      - Light gray to gray soil
        - Light gray to gray subsoil
          - Soil and subsoil calcareous
            - Substratum compact lake beds
              - Drainage often poorly established
                - Lahontan
    - Mixed origin
      - Dark brownish gray or dark gray to black soil
        - Light brownish gray or light grayish brown to gray subsoil
          - Pervious
            - Highly calcareous
              - Substratum lake beds
                - Drainage poorly established
                - Gordon
      - Brown soil
        - Light brown to yellowish gray subsoil
          - Calcareous
            - Substratum compact lake beds
              - Drainage sometimes restricted
                - Lake terrace
                - Standish
      - Modified by chemical hot spring precipitates
        - Yellowish brown to gray soil
          - Yellow to gray subsoil
            - Calcareous tufa hardpan
              - Churchill
      - Light brown to light grayish brown soil
        - Light brown to light grayish brown subsoil
          - Pervious
            - Highly calcareous
              - Stratified sand and gravel substratum
                - Drainage well established
                - Lynndyl
      - Grayish brown to pinkish brown soil
        - Pinkish gray to pinkish brown subsoil
          - Calcareous
            - Pinkish gray deeper subsoil
              - Substratum compact lake beds
                - Drainage in part poorly established
                - Lake floor
                - Trenton
      - Light brownish gray or light grayish brown to gray soils
        - Light brownish gray to gray subsoil
          - Compact
            - Highly calcareous
              - Substratum lake beds
                - Drainage poorly established
                - Woodrow
          - Pervious
            - Highly calcareous
              - Substratum lake beds
                - Surface drainage poorly established
                - Oasis
- Recent lake laid material
  - Mainly eruptive rocks
    - Dark gray or drab to black soil
      - Gray or brown to black subsoil
        - Compact and calcareous
          - Drainage poorly established
            - Lake floor
            - Carson
  - Mixed origin
    - Light gray or pinkish gray soil
      - Light gray to pinkish gray subsoil
        - Mottled deeper subsoil
          - Soil and subsoil calcareous
            - Substratum compact calcareous lake beds
              - Drainage poorly established
                - Lake floor
                - Cache
    - Brown to dark brown soil
      - Brown to dark brown subsoil
        - Noncalcareous or feebly calcareous
          - Substratum compact lake beds
            - Drainage poorly established
              - Lake floor
              - Buntingville
    - Dark gray to black soil
      - Gray to pinkish subsoil
        - Compact heavy and calcareous
          - Substratum pinkish calcareous lake beds
            - Drainage poorly established
              - Lake floor
              - Salt Lake
- Recent alluvial material
  - Alluvial fan with minor flood plain deposits
    - Sedimentary rocks
      - Red soil
        - Red subsoil
          - Redfield
    - Mixed origin
      - Gray soil
        - Gray subsoil
          - Bingham
    - Igneous
      - Basalt and andesite
        - Brown soil
          - Brown subsoil
            - Drainage well established
              - Stacy
    - Mainly limestone
      - Brown to light grayish brown soil
        - Light gray or pinkish to light brown subsoil
          - Calcareous
            - Substratum compact lake beds
              - Drainage usually well established
                - Millville
      - Medium gray to black soil
        - Light gray to pinkish gray subsoil
          - Calcareous
            - Substratum compact lake beds
              - Subdrainage restricted
                - Mendon
  - Flood plain with minor alluvial fan deposits
    - Mainly eruptive rocks
      - Light brown to brown soil
        - Light brown to brown subsoil
          - Surface modified by wind
            - Sand and gravel substratum
              - Fallon
    - Sedimentary rocks
      - Gray to grayish brown soil
        - Gray to grayish brown subsoil
          - Sand and gravel substratum
            - Elsinore
    - Mixed origin
      - Gray to drab soil
        - Gray to drab subsoil
          - Drainage usually well established
            - Jordan
      - Dark gray to black soil
        - Light gray to pinkish gray subsoil
          - Calcareous
            - Drainage poorly established
              - Logan

IGNEOUS ROCKS—RHYOLITE
LIGHT GRAY TO LIGHT BROWNISH-GRAY SOIL
SIMILAR SUBSOIL—COMPACTED
SOIL + SUBSOIL MODERATELY CALCAREOUS
WELL DRAINED
MONO

LIGHT GRAY TO LIGHT BROWNISH-GRAY SOIL
MILDLY CALCAREOUS
SIMILAR SUBSOIL—SOMEWHAT COMPACTED—HIGHLY CALCAREOUS
SURFACE AND SUBDRAINAGE RESTRICTED
ELNA

Gray soil
Light grayish to bluish gray subsoil
Compact heavy and calcareous
Substratum lake beds
Drainage poorly established
Abbot