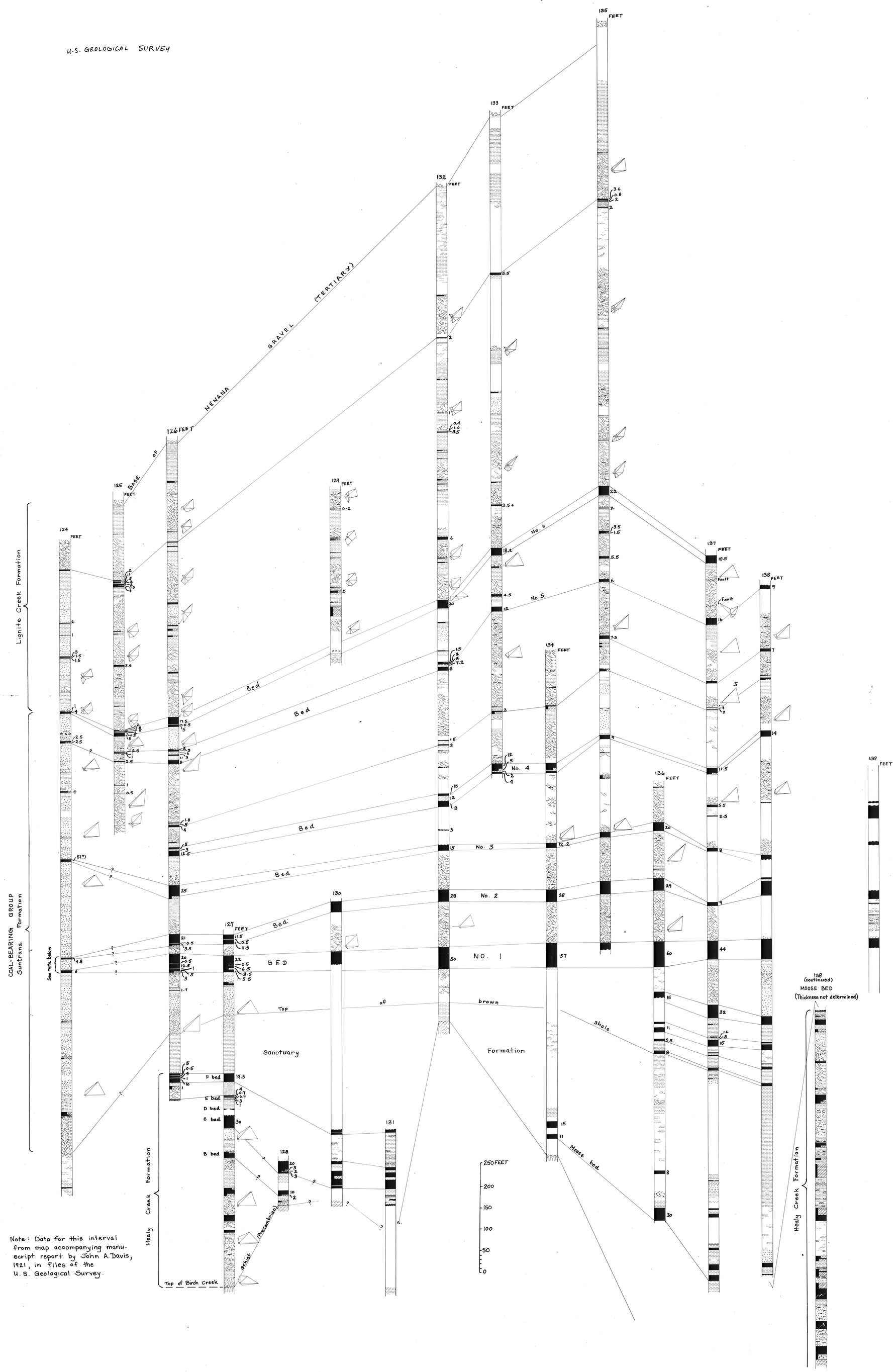
U.S. GEOLOGICAL SURVEY



Note: Data for this interval from map accompanying manuscript report by John A. Davis, 1921, in files of the U.S. Geological Survey.

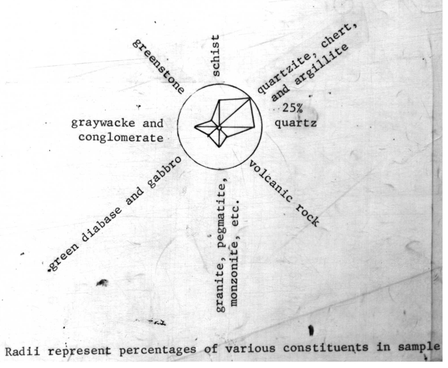
FIGURE 10. STRATIGRAPHIC COAL SECTIONS IN COAL-BEARING FORMATION, VALLEY OF HEALY CREEK, ALASKA

EXPLANATION

- Conglomerate
- Medium and coarse sandstone, in part pebbly, in part cross-bedded
- Pebble layers in sandstone
- Fine sandstone, generally thin-bedded
- Siltstone
- Claystone
- Discontinuous claystone layer in sandstone
- Shale
- Interbedded fine sandstone and shale
- Silty claystone
- Silty shale
- Interbedded fine sandstone and siltstone
- Interbedded siltstone and shale
- Interbedded fine sandstone and claystone
- Interbedded silty claystone and siltstone
- Interbedded siltstone, claystone and fine sandstone
- Bony claystone
- Bone
- Bony coal
- Bony shale
- Bony silty claystone
- Coal
- Coal bed covered in part, total thickness unknown
- Coal lenses, and lenticular coal beds
- Blocks of coal
- Coal broken by faults
- Burned coal
- Claystone parting in coal
- Coaly fragments in pebbly sandstone and claystone
- Ironstone concretions
- Spherical iron-cemented concretions
- Calcite-cemented concretions in pebbly sandstone
- Calcite-cemented concretions in claystone
- Angular blocks of claystone in sandstone
- Angular breccia fragments in sandstone
- Angular fragments of basement rock in siltstone
- Filled channels
- Schist (basement)
- Weathered schist (basement)
- Concealed interval

Note: Solid borders where thickness was measured in field by plane table methods or by tape and compass. Dashed border where thickness was estimated in field or measured from topographic maps

Explanation of diagrams of pebble count



Radii represent percentages of various constituents in sample