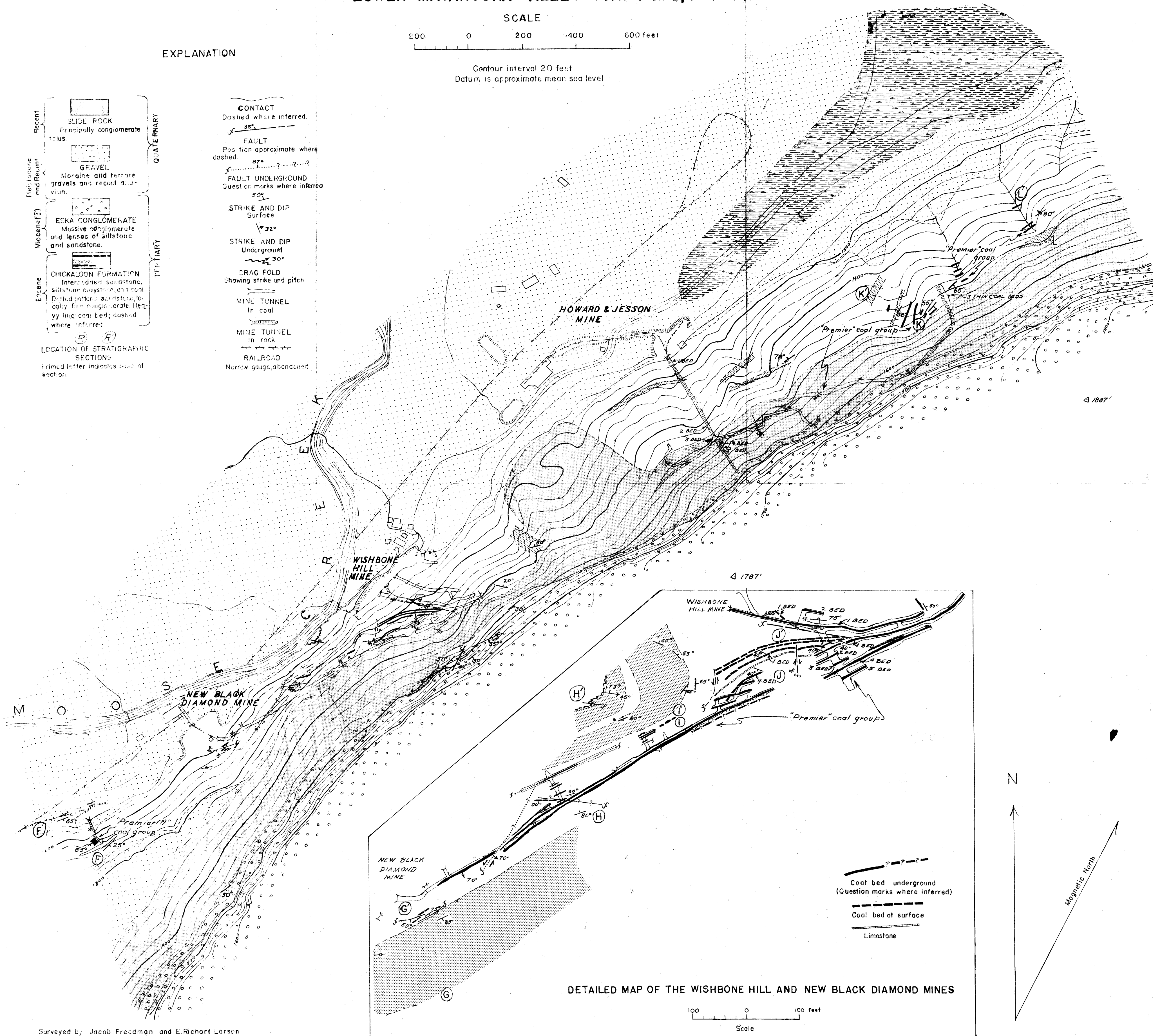


FIGURE 5. MAP OF GEOLOGY AND COAL DEPOSITS OF THE HOWARD & JESSON AREA,
LOWER MATANUSKA VALLEY COAL FIELD, ALASKA



EXPLANATION

SCALE
200 0 200 400 600 feet
Contour interval 20 feet
Datum is approximate mean sea level

- Recent
SLIDE ROCK
Principally conglomerate talus
- Pleistocene and Recent
GRAVEL
Moraine and terrace gravels and recent alluvium
- Miocene(?)
ESKA CONGLOMERATE
Massive conglomerate and lenses of siltstone and sandstone.
- Eocene
CHICKALOON FORMATION
Interbedded sandstone, siltstone, claystone, and coal. Delta patterns, sandstone, locally fine conglomerate. Heavy lignite coal; dashed where inferred.
- QUATERNARY
TERTIARY
- LOCATION OF STRATIGRAPHIC SECTIONS
Firm letter indicates base of section.

- CONTACT
Dashed where inferred.
- FAULT
Position approximate where dashed.
- FAULT UNDERGROUND
Question marks where inferred.
- STRIKE AND DIP
Surface
- STRIKE AND DIP
Underground
- DRAG FOLD
Showing strike and pitch
- MINE TUNNEL
In coal
- MINE TUNNEL
In rock
- RAILROAD
Narrow gauge, abandoned

- Coal bed underground
(Question marks where inferred)
- Coal bed at surface
- Limestone