MAP OF PARTS OF THE PIEDMONT EAST OF THE PANAMINT RANGE, CALIFORNIA HANAUPAH, AND JOHNSON CANYON FANS MAPPED IN DETAIL

PROFESSIONAL PAPER 466 PLATE 5

EXPLANATION

Unweathered gravel in modern washes

Loose pebble and cobble gravel

FANS AT MOUTH OF TRAIL, HANAUPAH, AND JOHNSON CANYONS

Qse

Silt and evaporites

Saltpan on floor of Death Valley

OTHER FANS

Gravel

Both unweathered and varnished. Includes

both modern and abandoned washes

Varnished gravel in abandoned washes Pebble to boulder gravel; fragments at surface strongly varnished but firm

Weathered gravel

Pebble to boulder gravel and sand, commonly cemented by caliche. Locally faulted and probably tilted. Surface of deposit is commonly a desert pavement, an armor of angular fragments from less than 1 inch to several feet in diameter. Varnish on surface of deposit less distinct than on gravel in washes. Fragments in weathered zone commonly much disintegrated

MOUNTAINS



Sedimentary and metasedimentary rocks
Include small areas of granitic rocks and volcanic rocks of Tertiary age

Areas without color or pattern between mountains and saltpan are unmapped segments of piedmont

Contact and fault Generalized or approximate

Fault scarp on fan Many small scarps omitted Outline of drainage area Shown only in mountains

Limit of segment of pavement Fan segment mentioned in text on Hanaupah Canyon fan Individual segments identified by letters Y and Z

Sample locality

Weathered gravel