TYPE LOCATIONS OF SOILS

THAT OCCUR IN EASTERN COLORADO

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## TYPE LOCATIONS OF SOILS DEVELOPED IN EASTERN COLORADO

Series are listed in alphabetical order.

Data on all soils are listed as follows: Series name, surface soil texture, location in section, section number, township, range, county, year observed, number referring to observers on page 33.

## Apishapa

Silt loam, about 100 feet north of north bank of stream near center of section on west side of road.

Fine sandy loam, 90 feet south and 60 feet east of south end of bridge over Turkey Creek near center.

Clay loam, from bridge 1330 feet west of southeast corner to bridge near south 1/4 corner.

Sec. 26, T. 1 N., R. 1 W. - Mesa - 1938 - 4.

Sec. 36, T. 19 S., R. 67 W. - Pueblo - 1938 - 14.

Sec. 4, T. 30 S., R. 63 W. -Las Animas - 1938 - 14.

#### \*Baca

Clay loam, 300 feet north of south line and 200 feet west of railroad on south side of road.

Clay loam, 130 feet north of southeast corner.

Clay loam, 650 feet west of northeast corner.

Clay loam, 115 feet west and 75 feet south of north 1/4 corner.

Silty clay loam, 50 feet east of west 1/4 corner on north side of road.

Sec. 16, T. 31 S., R. 46 W. - Baca - 1936 - 4.

Sec. 31, T. 31 S. R. 48 W. - Baca - 1936 - 4.

Sec. 3, T. 29 S., R. 48 W. Baca - 1938 - 2.

Sec. 4, T. 29 S., R. 44 W. -Baca - 1938 - 10.

Sec. 27, T. 27 S., R. 46 W. - Prowers - 1927 - 6.

### Berthoud

Loam, 50 feet east and 80 feet north of southwest corner.

Sec. 27, T. 6 N., R. 69 W. -Larimer - 1936 - 5.

## \*Bijou

Loamy fine sand, 90 feet north of south-east corner.

Sandy loam, 650 feet north of southeast corner.

Sec. 25, T. 4 N., R. 59 W. - Morgan - 1938 - 2.

Sec. 24, T. 2 N., R. 60 W. - Morgan - 1938 - 5.

# Billings

Clay loam, eroded gully side, 528 feet south and 211 feet west of northeast corner.

Clay, 1495 feet east of west section line on main highway (gully side).

Sec. 27, T. 18 S., R. 70 W. -Fremont - 1936 - 4.

Sec. 27, T. 20 S., R. 63 W. Pueblo - 1936 - 4.

# \*Bresser

Sandy loam, 102 feet west and 45 feet north of southeast corner.

Sec. 28, T. 13 S., R. 62 W. -El Paso - 1937 - 12.

### Bridgeport

Very fine sandy loam, 528 feet south and 66 feet east of northwest corner.

Silt loam, north bankside, Pawnee Creek, near center.

Sec. 2, T. 5 N., R. 52 W. - Washington - 1936 - 2.

Sec. 17, T. 7 N., R. 53 W. - Logan - 1938 - 5 - M.

## \*Briggsdale

Sandy clay loam, 210 feet south of east 1/4 corner.

Loam, 175 feet east of pasture gate, which is at or near the southwest corner of section.

Very fine sandy loam, 35 feet south of northwest corner.

Fine sandy loam, 66 feet south of west 1/4 corner.

Silt loam, 33 feet north of southeast corner.

Sandy loam, north 1/4 corner.

Fine sandy loam, 66 feet east of south 1/4 corner.

Clay loam, 730 feet west of north 1/4 corner.

Clay loam, 792 feet north of southwest corner.

Sec. 14, T. 6 N., R. 56 W. - Morgan - 1937 - 4.

Sec. 12, T. 14 S., R. 62 W. -El Paso - 1938 - 2.

Sec. 19, T. 4 S., R. 58 W. - Arapahoe - 1937 - 4.

Sec. 10, T. 3 S., R. 66 W. - Adams - 1937 - 4.

Sec. 36, T. 3 S., R. 65 W. - Adams - 1937 - 4.

Sec. 10, T. 5 S., R. 63 W. - Arapahoe - 1937 - 4.

Sec. 35, T. 5 S., R. 63 W. - Arapahoe - 1937 - 4.

Sec. 27, T. 10 N., R. 66 W. - Weld - 1938 - 4.

Sec. 8, T. 11 S., R. 59 W. -Lincoln - 1938 - 15. E/bert

### Butler

Clay loam, 739 feet north of southeast corner.

Clay, 105 feet west of pasture gate that is at or near the southeast corner.

Sec. 29, T. 4 S., R. 52 W. - Washington - 1936 - 2.

Sec. 11, T. 14 S., R. 61 W. -El Paso - 1938 - 2.

### \*Campo

Clay loam, 650 feet west and 20 feet south of northeast corner.

Sec. 10, T. 33 S., R. 47 W. - Baca - 1937 - 2.

## Canyon

Stony loam, 240 feet south of northwest corner on shoulder of hill.

Sandy loam, 300 feet southwest of north-east corner on south side of paved high-way.

Loam, 330 feet north of southeast corner.

Gravelly loam, 75 feet west of northeast corner.

Sec. 7, T. 8 S., R. 43 W. -Kit Carson - 1936 - 2.

Sec. 1, T. 1 N., R. 45 W. - Yuma - 1937 - 4.

Sec. 16, T. 5 N., R. 48 W. -Yuma - 1938 - 2.

Sec. 28, T. 1 S., R. 52 W. - Washington - 1938 - 3.

### \*Capulin

Stony clay loam, around northwest corner on Potato Butte mesa.

Sec. 21, T. 33 S., R. 50, W. - Baca - 1938 - 2.

### \*Carnero

Stony loam, 150 feet north of point where main road bends to southwest on west side of road.

Sec. 29, T. 34 S., R. 48 W. - Baca - 1938 - 9.

## Cass

Sandy loam, 785 feet west of southeast corner.

Clay loam, 950 feet west of north 1/4 corner.

Clay loam, 400 feet north of southwest corner, 2 miles south of Saguache, Colorado. (May be limy).

Sec. 1, T. 13 S., R. 65 W. -El Paso - 1938 - 2.

Sec. 17, T. 4 N., R. 66 W. - Weld - 1938 - 2.

Sec. 18, T. 44 N., R. 8 E.-Saguache - 1937 - 2.

### Cheyenne

Sandy loam, 408 feet north of east 1/4 corner, east side of pit.

Sec. 5, T. 9 N., R. 66 W. - Weld - 1938 - 2.

# Colby

Silt loam, 1030 feet north and 50 feet west of southeast corner.

Silt loam (thin phase), 800 feet south of east 1/4 corner.

Very fine sandy loam, 170 feet south of west 1/4 corner.

Silt loam, 100 feet south of north 1/4 corner on west side of road.

Sec. 29, T. 4 N., R. 67 W. - Weld - 1936 - 2.

Sec. 32, T. 3 N., R. 52 W. - Washington - 1936 - 3.

Sec. 23, T. 13 S., R. 44 W. - Cheyenne - 1936 - 2.

Sec. 18, T. 4 N., R. 57 W. - Morgan - 1937 - 2.

# \*Crouse

Sandy clay loam, from a point 1260 feet to point 1330 feet west of railroad on south side of section, near south 1/4 corner.

Loam, 1480 feet north of southwest corner

Loam, 1250 feet south of northwest corner.

Loam, from point 1050 feet to point 1250 feet east of northwest corner.

Sandy loam, 2365 feet east of northwest corner.

Sec. 19, T. 8 N., R. 59 W. - Weld - 1937 - 4.

Sec. 5, T. 9 N., R. 51 W. -Logan - 1937 - 4.

Sec. 11, T. 5 N., R. 60 W. - Morgan - 1937 - 4.

Sec. 25, T. 10 N., R. 66 W. - Weld - 1938 - 2.

Sec. 3, T. 10 N., R. 66 W. - Weld - 1938 - 4.

### \*Dailey

Loamy fine sand, 2000 feet west of southeast corner. Sec. 9, T. 9 N., R. 48 W. - Sodgwick - 1938 - 5.

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### Dawes

Silt loam, from southeast corner to point 200 feet north (on Nebraska-Colorado line)

Silt loam, from northwest corner to point 325 feet south.

Silt loam, from north 1/4 corner to point 120 feet east.

Loam, from west 1/4 corner to point 660 feet north (lime rock substrata not a requirement)

Silt loam, 1200 feet south of north-east corner.

Sec. 8, T. 7 N., R. 42 W.-Phillips - 1937 - 2.

Sec. 33, T. 8 N., R. 46 W. -Phillips - 1938 - 2 - M.

Sec. 4, T. 10 N., R. 43 W. - Sedgwick - 1937 - 4.

Sec. 15, T. 6 N., R. 48 W. - Logan - 1938 - 2.

Sec. 1, T. 1 S., R. 44 W. - Yuma - 1937 - 4.

# \*Decker

Gravelly loam, from point 400 feet west to point 700 feet west of north 1/4 corner.

Sandy loam, 372, feet north of west 1/4 corner.

Sec. 33, T. 9 N., R. 66 W. - Weld - 1938 - 2.

Sec. 32, T. 2 N., R. 66 W. - Weld - 1938 - 2.

#### \*Denova

Fine sandy loam, 560 feet west of north-east corner.

Loamy fine sand, 35 feet north of west 1/4 corner.

Fine sandy loam, 66 feet north of south-west corner.

Sandy loam, 850 feet south and 120 feet east of northwest corner, on east side of pit.

Loamy sand, 60 feet northeast of west 1/4 corner.

Sec. 21, T. 6 N., R. 50 W. - Logan - 1937 - 2.

Sec. 16, T. 8 N., R. 47 W. - Phillips - 1938 - 2.

Sec. 4, T. 8 N., R. 47 W. - Phillips - 1938 - 2 - M.

Sec. 1, T. 1 S., R. 48 W. - Yuma - 1937 - 4.

Sec. 26, T. 1 N., R. 48 W. - Yuma - 1938 - 2.

# \*Denver

Clay loam, 66 feet east of north 1/4 corner.

Clay loam, inside pasture on south side of road 520 feet east of west 1/4 corner.

Clay loam, 133 feet west of east 1/4 corner on east side of road.

Sec. 16, T. 4 S., R. 69 W. - Jefferson - 1937 - 4.

Sec. 28, T. 23 S., R. 67 W., - Pucblo - 1938 - 14.

Sec. 26, T. 24 S., R. 67 W. - Pueblo - 1938 - 14.

### \*Deora

Clay loam, 708 feet west of southeast corner.

Sec. 25, T. 28 S., R. 49 W. - Baca - 1938 - 2.

# \*Douglas (formerly Cherry)

Clay loam, 200 feet west and 110 feet south of northeast corner.

Very fine sandy loam, 1330 feet south of northeast corner.

Loam, 500 feet west and 100 feet north of east 1/4 corner.

Sec. 36, T. 7 S., R. 67 W. - Douglas - 1936 - 2.

Sec. 2, T. 10 S. R. 66 W. - Douglas - 1937 - 11.

Sec. 2, T. 10 S., R. 66 W. - Douglas - 1937 - 13.

# "Dunesand" (not a series name)

Dunesand, 1325 feet south of north 1/4 corner and 210 feet east of road.

Dunesand, 1056 feet east of north 1/4 corner.

Dunesand, 200 feet south of northwest corner.

Dunesand, near southeast corner 100 feet north of oiled highway and 70 feet west of Weld-Morgan county line.

Sec. 31, T. 6 N., R. 52 W. - Logan - 1956 - 1.

Sec. 19, T. 2 N., R. 43 W. - Yuma - 1957 - 4.

Sec. 1, T. 3 S., R. 48 W. -Yuma - 1937 - 4.

Sec. 12, T. 3 N., R. 61 W. - Weld - 1938 - 2.

## Dunlap

Silt loam, 20 feet south of northeast corner.

Sec. 18, T. 26 N., R. 47 W. -Box Butte, Nebraska - 1936 - 1.

## Dwyer

Fine sand, 100 feet south of north 1/4 corner.

Sec. 24, T. 24 N., R. 67 W. - Platte, Wyo. - 1937 - 2.

# \*Eastonville

Sandy loam, 1040 feet north and 2440 feet west of east 1/4 corner.

Sandy loam, 1070 feet south and 1070 feet east of northwest corner.

Sec. 36, T. 12 S., R. 64 W. -El Paso - 1937 - 12.

Sec. 32, T. 9 S., R. 65 W. Douglas - 1937 - 13.

### \*Ellicott

Coarse sand, 1356 feet south of north-west corner.

Sec. 36, T. 13 S., R. 63 W. -El Paso - 1937 - 12.

### \*El Paso

Loamy sand, 475 feet east of southwest corner.

Loamy sand, 66 feet northwest of point where paved highway crosses south line, west side of highway.

Sandy loam, 450 feet west and 1330 feet north of south 1/4 corner.

Loamy sand, 250 feet north of Cherry School.

Sec. 34, T. 5 S., R. 63 W. - Arapahoe - 1937 - 4.

Sec. 1, T. 5 S., R. 67 W.Arapahoe - 1937 - 4.

Scc. 6, T. 10 S., R. 65 W. Douglas - 1937 - 11.

Sec. 12, T. 10 S., R. 66 W. - Douglas - 1937 - 13.

# Enterprise

Sand, 175 feet west and 50 feet south of northeast corner.

Sec. 11, T. 35 S., R. 44 W. - Baca - 1938 - 2.

### Epping

Silty clay loam, 1689 feet north of southeast corner.

Sec. 16, T. 9 N., R. 60 W. -Weld - 1937 - 2.

Silty clay loam, 300 feet west of south 1/4 corner.

Sec. 35, T. 11 N., R. 52 W. -Logan - 1937 - 2.

Silty clay loam, 1584 feet west of south-Sec. 35, T. 11 N., R. 61 W. east corner. Weld - 1937 - 4.

Silty clay loam. 158 feet west of north- Sec. 24, T. 11 N., R. 65 W. east corner.

Weld - 1938 - 2 - M.

Silty clay loam, 490 feet south of west 1/4 corner.

Sec. 23. T. 11 N. R. 65 W. -Weld - 1938 - 4.

# \*Falcon

Fine sandy loam, 940 feet west of east 1/4 corner.

Sec. 20, T. 11 S., R. 66 W. -El Paso - 1936 - 4.

Loamy sand, 200 feet east of southwest corner.

Sec. 2, T. 5 S., R. 64 W. -Arapahoe - 1937 - 4.

Gravelly sandy loam, 925 feet west of northeast corner.

Sec. 7. T. 5 S., R. 63 W. -Arapahoe - 1937 - 4.

Gravel, 1075 feet east and 1200 feet north of southwest corner.

Sec. 28, T. 10 S., R. 66 W. -Douglas - 1937 - 11.

### Fort Collins

Clay loam, 105 feet north of east 1/4 corner.

Sandy loam, 211 feet east of north 1/4 corner.

Clay loam, 360 feet west of north 1/4 corner on ditch bank.

Fine sandy loam, 870 feet west of south- Sec. 18, T. 7 N., R. 68 W. east corner.

Clay loam, 633 feet south of northwest corner.

Loam, 66 feet north of southwest corner. Sec. 17, T. 3 N., R. 58 W. -

Fine sandy loam, 590 feet west of north Sec. 6, T. 10 N., R. 65 W. -1/4 corner.

Sec. 30, T. 5 N., R. 54 W. -Washington - 1936 - 3.

Sec. 21, T. 5 N., R. 54 W. -Washington - 1936 - 3.

Sec. 28. T. 3 N., R. 69 W. -Boulder - 1936 - 2.

Larimer - 1936 - 2.

Sec. 16, T. 5 N., R. 68 W. -Larimer - 1936 - 2.

Morgan - 1937 - 2.

Weld - 1938 - 4.

### Fort Lyon

Sandy loam, 400 feet north of west 1/4 corner.

Sec. 11, T. 23 S., R. 42 W. -Prowers - 1936 - 4.

# Gilcrest

Loam, 240 feet south of west 1/4 corner.

Sec. 9. T. 9 N., R. 66 W. -Weld - 1938 - 2.

Sandy loam, 385 feet north of west 1/4 corner.

Sec. 4, T. 9 N., R. 66 W.-Weld - 1938 - 2.

#### Goshen

Silt loam, at northwest corner

Sec. 28, T. 8 S., R. 43 W. - Kit Carson - 1938 - 2.

### Greeley

Sandy loam, 425 feet north of southwest corner.

Sandy loam, 100 feet east of southwest corner.

Fine sandy loam, southwest 1/4 of section at west side of gravel pit on West 8th Street, Greeley, Colorado.

Sandy clay loam, 50 feet north of south 1/4 corner.

Sandy loam, southeast 1/4, 175 feet east of point where railroad crosses south section line.

Sandy loam, 175 feet south and 60 feet east of point where main drain crosses west section line.

Sandy loam, from southwest corner to point 250 feet east.

Sec. 19, T. 5 N., R. 60 W. - Morgan 1936 - 2.

Sec. 18, T. 5 N., R. 60 W. - Morgan - 1936 - 2.

Sec. 6, T. 5 N., R. 65 W. - Weld - 1936 - 4.

Sec. 27, T. 6 N., R. 66 W. - Weld - 1936 - 4.

Sec. 12, T. 4 N., R. 67 W. - Weld - 1936 - 2.

Sec. 30, T. 3 N., R. 49 W. - Washington - 1938 - 3.

Sec. 8, T. 14 S., R. 62 W. -El Paso - 1938 - 2.

#### Harlem

Fine sandy loam, at north 1/4 corner.

Loam, 100 feet west and 75 feet south of northeast corner.

Clay loam, 400 feet east and 75 feet north of south 1/4 corner.

Sec. 18, T. 4 N., R. 66 W. - Weld - 1938 - 2.

Sec. 8, T. 5 N., R. 54 W. - Washington - 1938 - 2.

Sec. 5, T. 5 N., R. 54 W. - Washington - 1938 - 3.

### \*Hereford

Gravelly clay loam, 642 feet east of northwest corner.

Loam, east side of gravel pit near center of section.

Sec. 35, T. 12 N., R. 62 W.-Weld - 1938 - 2.

Sec. 33, T. 7 N., R. 69 W. - Larimer - 1936 - 4.

## \*Joes

Sandy loam, 550 feet north of south-east corner.

Sandy loam, 100 feet west of south 1/4 corner.

Loam, 52 feet north of west 1/4 corner.

Sec. 15, T. 14 S., R. 61 W. -El Paso - 1938 - 2.

Sec. 1, T. 15 S., R. 61 W. -El Paso - 1938 - 2.

Sec. 8, T. 11 No., R. 59 W. -Lincoln - 1938 - 15. E/bert

### Keith

- Silt loam, 720 feet north of southwest corner.
- Silt loam, 66 feet south of east 1/4 corner.
- Silt loam (dark subsoil), around west 1/4 corner.
- Silt loam (dark subsoil), southeast corner at state line.
- Silt loam (dark subsoil), 700 feet north of southeast corner.

- Sec. 10, T. 5 N., R. 50 W. Washington 1936 3.
- Sec. 24, T. 1 N., R. 43 W. Yuma 1936 4.
- Sec. 26, T. 4 N., R. 48 W. Yuma 1938 2.
- Sec. 1, T. 8 S., R. 42 W. Kit Carson 1958 2.
- Sec. 3, T. 8 S., R. 42 W. Kit Carson 1938 2.

### \*Keota

- Silty clay loam, 425 feet east of south 1/4 corner.
- Silty clay loam, 115 feet north and 60 feet west of southeast corner.
- Silt loam, 950 feet south of northwest corner.
- Sec. 35, T. 9 N., R. 60 W. Weld 1937 2.
- Sec. 34, T. 11 N., R. 52 W. Logan 1937 2.
- Sec. 26, T. 11 N., R. 65 W. Weld 1938 4.

# \*Kettle (Formerly Sylva)

- Gravelly sandy loam, 450 feet north and 75 feet east of west 1/4 corner.
- Loamy sand, 1330 feet east of northwest corner.
- Fine sandy loam, 500 feet west and 150 feet north of center.
- Sec. 20, T. 12 S., R. 65 W. -El Paso - 1936 - 2.
- Sec. 16, T. 11 S., R. 66 W. -El Paso - 1937 - 11.
- Sec. 1, T. 11 S., R. 66 W. -El Paso - 1937 - 11.

### Lamoure

Clay loam, 1330 feet east of west side on south side of main highway.

Sec. 35, T. 5 N., R. 60 W. - Morgan - 1938 - 5.

### LaPorte

Loam, from southwest corner to 1000 feet north.

Loam, 50 feet north of south 1/4 corner.

Stony loam, at north 1/4 corner.

Sec. 19, T. 5 N., R. 69 W. - Larimer - 1936 - 4.

Sec. 30, T. 18 S., R. 68 W. -Fremont - 1936 - 4.

Sec. 8, T. 24 S., R. 55 W. - Otero - 1937 - 2.

# Larimer

Loam, 462 feet east of southwest corner.

Sec. 33, T. 11 N., R. 65 W. - Weld - 1938 - 4 - M.

#### Las Animas

Fine sandy loam, south side of road where 1/2 lone crosses highway.

Sec. 36, T. 5 N., R. 60 W. - Morgan - 1938 - 4.

### Laurel

Clay loam, 105 feet south and 105 feet west of point where U. S. Highway No. 6 crosses Washington-Logan county line.

Clay loam, 500 feet east and 50 feet south of northwest corner.

Clay, 1320 feet north and 100 feet west of south 1/4 corner.

Sec. 2, T. 5 N., R. 54 W. - Washington - 1956 - 2.

Sec. 35, T. 7 N., R. 68 W. -Larimer - 1936 - 4.

Sec. 36, T. 22 S., R. 44 W. -Prowers - 1938 - 2.

## Minnequa

Silt loam, 50 feet south and 50 feet east of northwest corner.

Silt loam, 1330 feet south and 50 feet west of northeast corner.

Clay loam, deep gully near center of section.

Silt loam, north canal bank on south side of Highway No. 76.

Sec. 30, T. 31 S., R. 61 W. - Las Animas - 1936 - 4.

Sec. 15, T. 21 S., R. 65 W. - Pueblo - 1956 - 2.

Sec. 20, T. 18 S., R. 70 W. -Fremont - 1936 - 4.

Sec. 18, T. 21 S., R. 65 W. - Pueblo - 1936 - 2.

### Neville

Clay loam, 1500 feet west of north-east corner.

Sec. 17, T. 5 N., R. 69 W. - Larimer - 1938 - 4.

# Nunn

Clay loam, 625 feet north of southeast corner.

Sec. 4, T. 7 N., P. 65 W. - Weld - 1938 - 2.

Clay loam, 380 feet east and 60 feet south of north 1/4 corner.

Sec. 19. T. 9 N., R. 66 W. → Weld - 1938 - 2.

# O'Neill

Gravelly sandy loam, 600 feet north and Sec. 27, T. 10 S., R. 66 W.-1100 feet east of southwest corner. Douglas - 1937 - 11.

Gravelly sandy loam, 1690 feet east and 150 feet north of southwest corner.

Sec. 10, T. 12 S., R. 64 W. -El Paso - 1937 - 12.

### \*Oklarado

Clay loam, 400 feet west and 200 feet north of south 1/4 corner, on edge of gully.

Loam, 620 feet west of rock quarry in southeast quarter.

Loam. 400 feet north of rock quarry in southeast quarter.

Loam, 475 feet south and 120 feet west of east 1/4 corner.

Sec. 16, T. 33 S., R. 50 W. - Baca - 1938 - 2.

Sec. 15, T. 10 S., R. 66 W. - Douglas - 1937 - 11.

Sec. 15, T. 10 S., R. 66 W. - Douglas - 1937 - 11.

Sec. 24, T. 11 S., R. 64 W.-El Paso - 1937 - 12.

## Ordway

Clay, 2640 feet west of east side of section on Highway No. 96 (gully side)

Clay loam, 50 feet west of east 1/4 corner.

Sec. 9, T. 21 S., R. 56 W. - Crowley - 1936 - 4.

Sec. 11, T. 21 S., R. 57 W. - Crowley - 1936 - 4.

# Orella

Clay, 540 feet west of north 1/4 corner.

Clay, at northeast corner.

Sec. 6, T. 23 N., R. 62 W. - Goshen, Wyo. - 1937 - 2.

Sec. 3, T. 23 N., R. 62 W. - Goshen, Wyo. - 1937 - 2.

#### Orman

Clay, 1584 feet south of northeast corner.

Clay loam, east 1/4 corner.

Clay loam, 50 feet north of west 1/4 corner.

Clay, 800 feet north of southwest corner.

Sec. 20, T. 8 S., R. 56 W. -Lincoln - 1938 - 7.

Sec. 36, T. 12 S., R. 53 W. -Lincoln - 1936 - 2.

Sec. 6. T. 2 N., R. 55 W. -Morgan - 1938 - 2.

Sec. 6, T. 2 N., R. 55 W. -Morgan - 1938 - 5 - M.

### Otero

Sandy loam, 1330 feet west of northeast corner.

Clay loam, 1330 feet east of southwest corner, on ditch bank. (This may be heavy enough for the later recognized Joes series)

Sec. 14, T. 22 S., R. 58 W. -Crowley - 1936 - 2.

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Sec. 23, T. 21 S., R. 38 W. -Crowley - 1936 - 2.

### \*Otis

Loamy sand, southeast corner.

Loamy fine sand, 1056 feet east of south west corner.

Fine sand, 211 feet east of west 1/4 corner.

Sand, 264 feet north of southeast cor-

Loamy fine sand, 330 feet east of north- Sec. 8, T. 3 S., R. 66 W. west corner.

Sec. 13, T. 5 N., R. 61 W. -Weld - 1936 - 4.

Sec. 5, T. 1 N., R. 44 W. -Yuma - 1937 - 4.

Sec. 1, T. 4 S., R. 48 W. -Yuma - 1937 - 4.

Sec. 10, T. 3 S., R. 67 W.-Adams - 1937 - 4.

Adams - 1937 - 4.

### Penrose

Loam, 200 feet south and 50 feet west of northeast corner.

Stony loam, thin phase, 550 feet north of southeast corner, on shoulder of south facing slope.

Sec. 32, T. 18 S., R. 68 W. -Fremont - 1936 - 4.

Sec. 36, T. 28 S., R. 49 W. -Baca - 1938 - 2.

## \*Peyton

Sandy loam, 90 feet south and 60 feet east of center.

Sec. 32, T. 13 S., R. 64 W. -El Paso - 1937 - 12.

## Pierre

Clay, 1000 feet north of southeast corner.

Silty clay loam, 150 feet south of northwest corner.

Clay, 690 feet west of southeast corner. Sec. 21, T. 10 N., R. 66 W. -

Sec. 25, T. 12 S., R. 53 W.-Lincoln - 1936 - 2.

Sec. 27, T. 9 N., R. 69 W. -Larimer - 1936 - 2.

Weld - 1938 - 4.

### \*Pinneo

Fine sandy loam, 1056 feet north of southeast corner.

Fine sandy loam, 228 feet east of southwest corner.

Sandy loam, 680 feet north and 100 feet east of southwest corner.

Sandy loam, 358 feet west of north 1/4 corner.

Sec. 27, T. 6 N., R. 57 W. -Morgan - 1938 - 2.

Sec. 20, T. 1 S., R. 54 W.-Washington - 1938 - 3.

Sec. 13, T. 18 S., R. 61 W. -Pueblo - 1938 - 4.

Sec. 1. T. 10 N., R. 66 W. -Weld - 1938 - 4.

## \*Platner

Loam, east for 1/2 mile from point where north-south half section line crosses paved highway. South side of highway:

Loam, entire distance for 1/2 mile east from northwest corner.

Loam, 210 feet north of east 1/4 corner. Sec. 18, T. 5 N., R. 55 W. -

Sec. 10, T. 2 N., R. 51 W. -Washington - 1937 - 3.

Sec. 14, T. 8 N., R. 53 W. -Logan - 1937 - 10.

Morgan - 1938 - 2.

# Potter

Clay loam, 100 feet north and south from a point 570 feet south of west 1/4 corner.

Gravelly clay loam, 426 feet north of southwest corner.

Sec. 33, T. 31 S., R. 46 W. -Baca - 1938 - 2.

Sec. 11, T. 34 S., R. 46 W. -Baca - 1938 - 2.

#### Prowers

Clay loam, 750 feet west and 50 feet north of southeast corner.

Sec. 24, T. 22 S., R. 49 W. -Bent - 1936 - 4.

Loam, 100 feet west of southeast corner.Sec. 5, T. 22 S., R. 46 W. -Prowers - 1936 - 4.

Loam, 50 feet north of south 1/4 corner.

Sec. 25, T. 22 S., R. 42 W. -Prowers - 1936 - 4.

Silt loam, 50 feet south of northeast corner.

Sec. 6, T. 24 S., R. 46 W. -Prowers - 1936 - 4.

## \*Rago

Loam, 50 feet south of east 1/4 corner. Sec. 2, T. 4 N., R. 51 W. -

Washington - 1938 - 3

Silt loam, southeast corner.

Sec. 8, T. 7 S., R. 56 W. -Lincoln - 1938 - 4.

Silt loam, 40 feet northwest of southeast corner.

Sec. 34, T. 10 S., R. 44 W. -Kit Carson - 1938 - 2.

Silt loam, 1425 feet north of southwest corner.

Sec. 10, T. 1 S., R. 53 W. -Washington - 1938 - 3.

Silt loam, 1300 feet north of southeast corner.

Sec. 10, T. 1 N., R. 61 W. -Weld - 1938 - 5.

# Randall

Clay, 816 feet east and 50 feet south of north 1/4 corner. In depression.

Sec. 9, T. 33 S., R. 47 W. → Baca - 1938 - 2.

### Richfield

Clay loam, north 1/4 corner.

Sec. 28, T. 32 S., R. 42 W. -Baca - 1938 - 2.

Rocky Ford

Very fine sandy loam, a northeast corner.

Clay loam, 100 feet east of northwest corner.

Sec. 9, P. 2 S. R. 62 W. Philo-1936 2.

Sec. 11, T. 24 S., R. 56 W. - Otero - 1936 - 2.

# Rosebud

Fine sandy loam, 350 feet west of north Sec. 27, T. 9 N., R. 47 W. - 1/4 corner. Phillips - 1937 - 5.

Loam, 133 feet south of northeast corner.

Loam, 96 feet east of southwest corner.

Loam, 50 feet north of southwest corner.

Sec. 9, T. 6 N., R. 43 W. -Logan - 1937 - 4.

Sec. 32, T. 12 N., R. 51 W.-Logan - 1938 - 10.

Sec. 11, T. 11 N., R. 53 W. - Logan - 1938 - 10 - M.

## Sarpy

Loamy sand, 1350 feet south of north-west corner.

Loamy sand, 600 feet north and 75 feet east of south 1/4 corner.

Sec. 36, T. 13 S., R. 63 W.El Paso - 1937 - 11.

Sec. 14, T. 10 S., R. 66 W. - Douglas - 1937 - 13.

## Scott

Clay, 550 feet south of northwest corner.

Sec. 5, T. 14 S., R. 62 W. -El Paso - 1936 - 2.

# \*Sligo

Clay loam, 550 feet west and 50 feet south of northeast corner.

Sec. 5, T. 10 N., R. 66 W. - Weld - 1938 - 4.

# "Solonetz" (not series name)

Within Dawes soil area, 528 feet east of southwest corner on highway paralleling railroad east of intersection.

Sec. 20, T. 12 N., R. 51 W.-Logan - 1937 - 5.

## Springer

Sandy loam, 100 feet southwest of northeast corner.

Sec. 13, T. 32 S., R. 49 W. - Baca - 1938 - 2.

## \*Stoneham

Sandy clay loam, 66 feet south of east 1/4 corner.

Loam, 845 feet north of southwest corner.

Soc. 18, T. 5 N., R. 55 W. - Morgan - 1933 - 2 - M.

Sec. 16, T. 9 N., R. 62 W. - Weld - 1938 - 2.

# Table Mountain

Loam, 1330 feet east of west side, on south side of main road.

Loam, 2280 feet north of south side of section on west side of Highway No. 75.

Gravelly sandy loam, 450 feet east and 600 feet south of west 1/4 corner.

Sec. 26, T. 3 S., R. 70 W. - Jefferson - 1936 - 4.

Sec. 9, T. 3 S., R. 70 W. - Jefferson - 1936 - 4.

Sec. 23, T. 10 S., R. 66 W. - Douglas - 1937 - 11.

## Terry

Fine sandy loam, 885 feet north of southeast corner.

Loamy fine sand - 2900 feet north of south side of section, on east side of Ft. Collins - Waverly highway.

Fine sandy loam, northeast corner.

Fine sandy loam, east 1/4 corner.

Loamy sand, 470 feet east of south 1/4 corner.

Fine sandy loam, 612 feet west of northeast corner.

Sec. 25, T. 8 N., R. 68 W.-Larimer - 1936 - 4.

Sec. 25, T. 9 N., R. 69 W. - Larimer - 1936 - 4.

Sec. 25, T. 8 N., R. 60 W. - Weld - 1937 - 4.

Sec. 36, T. 5 N., R. 61 W. - Weld - 1937 - 4.

Sec. 33, T. 11 N., R. 66 W. - Weld - 1938 - 4.

Sec. 17, T. 29 S., R. 50 W. - Baca - 1938 - 4.

# Tripp

Loam, 115 feet south of west 1/4 corner.

Sec. 25, T. 3 N., R. 50 W. - Washington - 1936 - 2.

# Valentine

Fine sand, 50 feet east of south 1/4 corner.

Sec. 27, T. 2 N., R. 46 W. -Yuma - 1936 - 1.

### Wabash

Gravelly clay loam, 2218 feet south and 250 feet west of east 1/4 corner.

Sec. 1, T. 12 S., R. 65 W. -El Paso - 1937 - 11.

### Waukesha

Clay loam, 500 feet south of northeast corner.

Sec. 4, T. 10 S., R. 66 W. - Douglas - 1937 - 11.

## Weld

Loam, 528 feet east of northwest corner.

Loam, 170 feet west of southeast corner.

Silt loam, 1850 feet north of southeast corner.

Silt loam, 633 feet north of east 1/4 corner.

Very fine sandy loam, 375 feet north and 225 feet east of west 1/4 corner.

Very fine sandy loam, 100 feet southcast of northwest corner.

Silt loam, at east 1/4 corner.

Loam, 50 feet west of east 1/4 corner.

Sec. 27, T. 2 N., R. 64 W. - Weld - 1936 - 2.

Sec. 33, T. 4 N., R. 50 W. - Washington - 1936 - 2.

Sec.20, T. 2 S., R. 52 W. - Washington - 1936 - 2.

Sec. 32, T. 5 S., R. 52 W. - Washington - 1936 - 2.

Sec. 33, T. 12 S., R. 44 W. - Cheyenne - 1936 - 2.

Sec. 24, T. 10 S., R. 44 W. - Kit Carson - 1936 - 2.

Sec. 15, T. 17 S., R. 44 W. - Kiowa - 1936 - 2.

Sec. 19, T. 3 S., R. 61 W. - Adams - 1936 - 4.

(continued)

# Weld (continued)

Silt loam, 50 feet north and 50 feet east of southwest corner.

Clay loam, railroad cut on west side

Very fine sandy loam, 360 feet west of south 1/4 corner.

Silt loam, southeast corner.

Silt loam, 133 feet west of northeast corner.

Silt loam, 50 feet east of northwest corner.

Silt loam, at point where main highway crosses west side; north side of high-way.

Silt loam, 260 feet west of southeast corner.

Silt loam, 250 feet south of northwest corner.

Silt loam, 1200 feet north of south-east corner.

Sec. 35, T. 10 S., R. 48 W. - Kit Carson - 1936 - 4.

Sec. 3, T. 5 N., R. 68 W. - Larimer - 1936 - 4.

Sec. 12, T. 7 N., R. 68 W. - Larimer - 1936 - 2.

Sec. 8, T. 5 N., R. 53 W.-Morgan - 1937 - 4.

Sec. 28, T. 2 S., R. 66 W. - Adams - 1938 - 2.

Sec. 17, T. 5 S., R. 59 W. - Arapahoe - 1957 - 4.

Sec. 3, T. 4 S., R. 58 W. - Arapahoe - 1937 - 4.

Sec. 36, T. 3 S., R. 60 W. - Adams - 1937 - 4.

Sec. 36, T. 19 S., R. 44 W. - Kiowa - 1938 - 2.

Sec. 10, T. 1 N., R. 63 W. - Weld - 1938 - 5 - M.

## \*Winnefred

Clay losm, 66 feet north of south 1/4 corner on east side of road.

Clay, 792 feet north of southeast corner.

Sec. 22, T. 5 S., R. 67 W. - Arapahoe - 1937 - 4.

Sec. 17, T. 8 S., R. 56 W. - Lincoln - 1938 - 7.

# \*Yoder

Gravelly sandy loam, 168 feet south of northeast corner.

Gravelly sandy loam, 580 feet east of northwest corner.

Sec. 25, T. 14 S., R. 61 W. - El Paso - 1938 - 2.

Sec. 8, T. 11 S., R. 59 W. - Lincoln - 1938 - 15.

# Added series

#### OBSERVERS

- 1. Frank A. Hayes
- 2. Frank A. Hayes and Lindsey A. Brown
- 3. Frank A. Hayes, E. W. Knobel, and Lindsey A. Brown
- 4. Lindsey A. Brown
- 5. W. Clinton Bourne and Lindsey A. Brown
- 6. Paul Wilson and Lindsey A. Brown
- 7. Wallace Bruce and Lindsey A. Brown
- 8. J. L. Nielsen and Lindsey A. Brown
- 9. Frank A. Hayes, John Underwood, and Lindsey A. Brown
- 10. Frank A. Hayes, W. Clinton Bourne, and Lindsey A. Brown
- 11. Lloyd Shoesmith and Lindsey A. Brown
- 12. Milton Payne
- 13. Lloyd Shoesmith
- 14. Paul Wilson
- 15. James Thomas

<sup>\*</sup>Asterisk indicates series names are suggested. They are not listed in "Bibliography of Soil Series" by C. F. Shaw and Mark Baldwin, October 1938. Mimcographed book by the Soil Survey Division, Bureau of Plant Industry.

M, following an observer's number shows locations where monoliths have been taken.