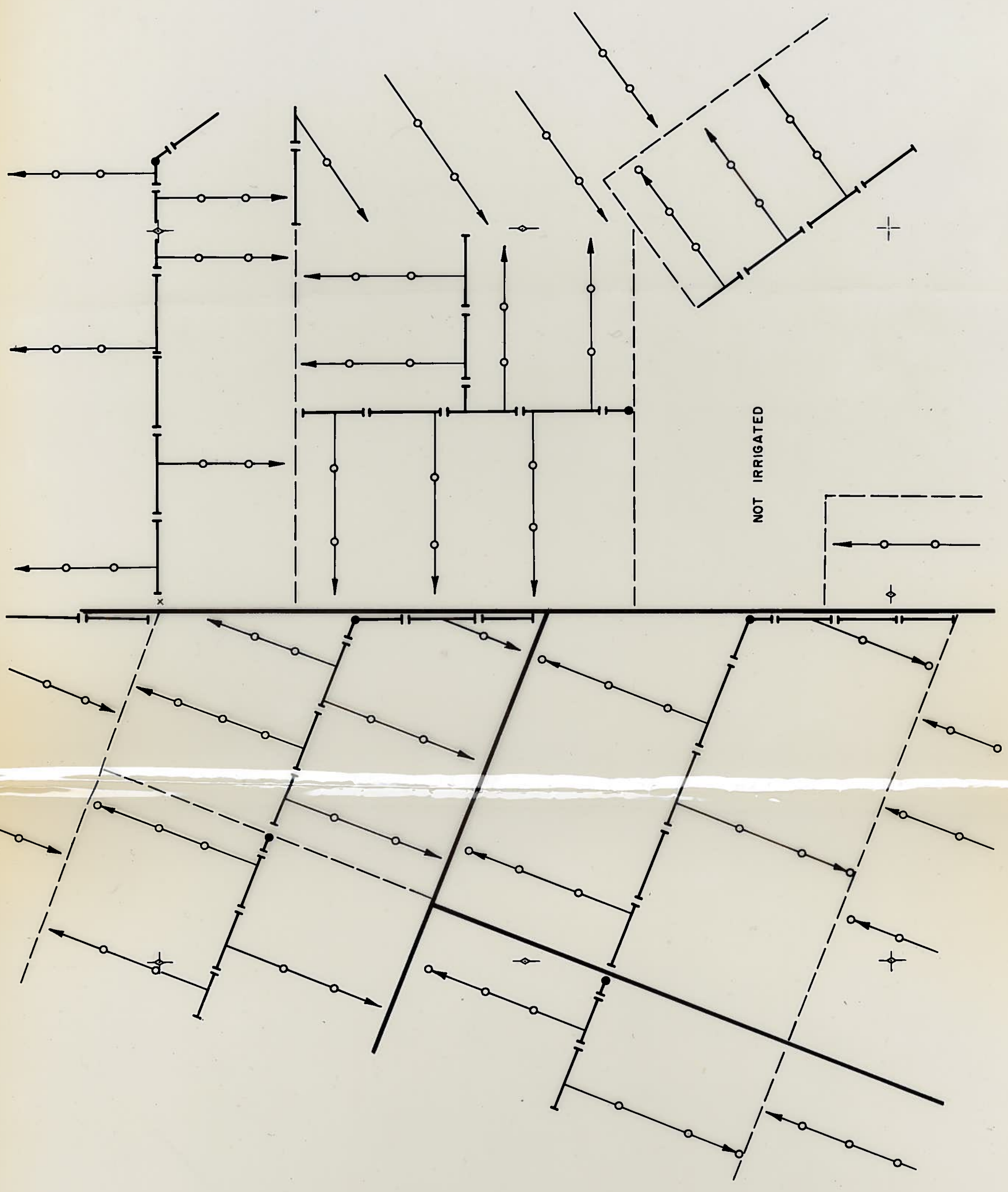


NAVAJO INDIAN IRRIGATION PROJECT - NEW MEX.

LAND OVERLAYS

LEGEND

- UNIT DELIVERY POINT
- |— SPRINKLER MAINLINE PIPE
- SPRINKLER LATERAL PIPE
- - - UNIT BOUNDARY
- ==== FARM TO MARKET ROAD



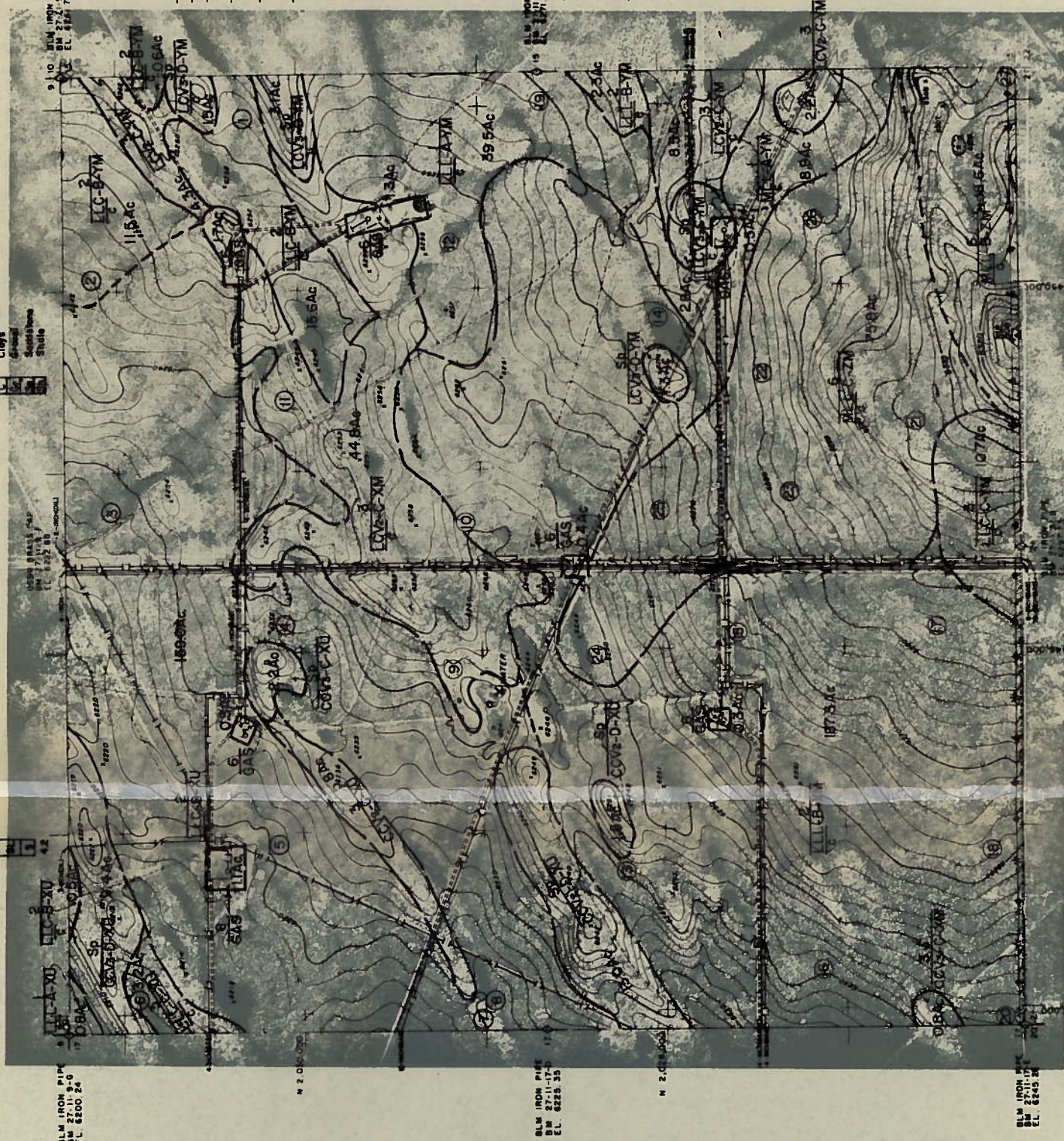
NOT IRRIGATED

SOIL PROFILE SYMBOLS

(A)	0-4" FSL	0-4" VFB	0-4" H	0-4" S	0-4" C	0-4" M	0-4" B	0-4" O	0-4" G	0-4" L	0-4" P	0-4" T	0-4" R	0-4" Y	0-4" X	0-4" Z
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

PROFILE EXPLANATION

- Soils represent 10 of depth
- 4: Boring number
- 04: Total soilable soils
- 8.0: pH (post)
- + +: Allocation to dilute HCl
- 4.2: Available moisture (inches/ft)
- 1.22: Permeability (inches/hr)



1000'S, 200'S, 400'S, 600'S, 800'S, 1000'S, 1200'S, 1400'S, 1600'S, 1800'S, 2000'S, 2200'S, 2400'S, 2600'S, 2800'S, 3000'S, 3200'S, 3400'S, 3600'S, 3800'S, 4000'S, 4200'S, 4400'S, 4600'S, 4800'S, 5000'S, 5200'S, 5400'S, 5600'S, 5800'S, 6000'S, 6200'S, 6400'S, 6600'S, 6800'S, 7000'S, 7200'S, 7400'S, 7600'S, 7800'S, 8000'S, 8200'S, 8400'S, 8600'S, 8800'S, 9000'S, 9200'S, 9400'S, 9600'S, 9800'S, 10000'S

1100' V, 160'S SW Cor.
0-4" FSL, Br (7.5 YR 4/3 M) Stru, Fri, Vrt, Vallet, Od drng, All.

1110' V, 160'S NE Cor.
0-4" FSL, Br (7.5 YR 4/3 M) Stru, Fri, Vrt, Vallet, Od drng, All.

1185' S, 205'S SW Cor.
0-4" FSL, Br (7.5 YR 4/3 M) Stru, Fri, Vrt, Vallet, Od drng, All.

1300' W, 157'S SW Cor.
0-4" FSL, Br (7.5 YR 4/3 M) Stru, Fri, Vrt, Vallet, Od drng, All.

1350' W, 260'S SE Cor.
0-4" FSL, Br (7.5 YR 4/3 M) Stru, Fri, Vrt, Vallet, Od drng, All.

2300' W, 260'S SE Cor.
0-4" FSL, Br (7.5 YR 4/3 M) Stru, Fri, Vrt, Vallet, Od drng, All.

2300' S, 65'S SW Cor.
0-4" FSL, Br (7.5 YR 4/3 M) Stru, Fri, Vrt, Vallet, Od drng, All.

2300' S, 65'S SW Cor.
0-4" FSL, Br (7.5 YR 4/3 M) Stru, Fri, Vrt, Vallet, Od drng, All.

NOTE: REFER TO STATE COORDINATE SYSTEM - WEST ZONE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECONSTRUCTION
NAVAJO INDIAN IRRIGATION PROJECT - NEW MEXICO

DETAIL AND CLASSIFICATION
SHEEP CREEK IRRIGATION PROJECT

CLASSIFIED BY: [Blank]
CHECKED BY: [Blank]
DATE: [Blank]

809-529-1510

2200' S, 475'S SW Cor.
0-3" FSL, Br (10 YR 4/3 M) Stru, Fri, Vrt, Vallet, Od drng, All.

975' E, 175'S SW Cor.
0-3" FSL, Br (10 YR 4/3 M) Stru, Fri, Vrt, Vallet, Od drng, All.

2010' W, 1350' W SW Cor.
0-4" FSL, Br (10 YR 4/3 M) Stru, Fri, Vrt, Vallet, Od drng, All.

1500' W, SW Cor.
0-2" FSL, Br (10 YR 4/3 M) Stru, Fri, Vrt, Vallet, Od drng, All.

1000' W, 50' E SW Cor.
0-2" FSL, Br (10 YR 4/3 M) Stru, Fri, Vrt, Vallet, Od drng, All.

1110' W, 265'S SW Cor.
0-4" FSL, Br (10 YR 4/3 M) Stru, Fri, Vrt, Vallet, Od drng, All.

2150' S, 925'S SW Cor.
0-4" FSL, Br (10 YR 4/3 M) Stru, Fri, Vrt, Vallet, Od drng, All.

180-220' S, W/Tr Gr, Red Yel (7.5 YR 4/3 M) Stru, Fri, Vrt, Vallet, Od drng, All.

1500' W, 220'S SW Cor.
0-4" FSL, Br (10 YR 4/3 M) Stru, Fri, Vrt, Vallet, Od drng, All.

21

0	FSL
0	FSL
+	SL
0	Ss

1940'W, 575'N SE Cor.
 0-4" FSL w/tr gr, Br (10 YR 4/3 M)
 4-12" FSCL w/tr gr, Rd br (5 YR 4/4 M) Wk pri, Fri, Velipls, Sti, Gd drng, All.
 12-24" FSL w/tr gr, Dk yel br (10 YR 4/3 M) Stru, Fir, Velipls, Slisti, Gd drng, All.
 24-36" SL w/tr gr, Br (10 YR 5/3 M) Stru, Fri, Npls, Vslisti, SlicCal, Gd drng, All.
 36-72" Ss. Lt. yel br (2.5 Y 6/4 M) Mass, Fi, Npls, Vslisti, St cem, So w/H₂O, Impd drng, Res.

22

0	FSL
+	FSL
+	SL
0	Ss

1660'W, 1410'N SE Cor.
 0-4" FSL w/tr gr, Br (10 YR 4/3 M)
 4-12" FSCL w/tr gr, Rd br (5 YR 4/4 M) Wk pri, Fri, Velipls, Sti, Gd drng, All.
 12-24" FSL w/tr gr, Dk yel br (10 YR 4/3 M) Stru, Fri, Velipls, Slisti, SlicCal, Gd drng, All.
 24-30" SL w/tr gr, Br (10 YR 5/3 M) Stru, Fri, Npls, Slisti, SlicCal, Gd drng, All.
 30-72" Ss, Lt. yel br (2.5 Y 6/4 M) Mass, Fi, Npls, Vslisti, VslCal, St cem, So w/H₂O, Impd drng, Res.

23

0	FSL
+	FSL
+	FSL
0	Ss

2310'W, 1275'N SE Cor.
 0-4" FSL w/tr gr, Br (10 YR 4/3 M)
 4-12" FSCL w/tr gr, Br (7.5 YR 4/4 M) Wk pri, Slifri, Slipls, Slisti, Gd drng, All.
 12-36" FSL w/tr gr, Dk yel br (10 YR 4/3 M) Stru, Fri, Npls, Slisti, SlicCal, Gd drng, All.
 36-50" FSL w/tr gr, Lt yel br (10 YR 6/4 M) Stru, Sli fri, Slipls, Slisti, ModCa mot, ModCal, Wk cem, Alt w/H₂O, Gd drng, All.
 50-84" Ss, Yel (2.5 Y 7/6 M) Mass, Fi, Npls, Nati, VslCal, St cem, So w/H₂O, Impd drng, Res.

26

0	FSL
+	FSL
0	Ss

1125'N, 820'W SE Cor.
 0-4" FSL, Br (10 YR 4/3 M)
 4-22" FSL, Br (7.5 YR 4/4 M) Wk pri, Fri, Velipls, Slisti, Gd drng, All.
 22-60" FSL, Br (10 YR 5/3 M) Stru, Fri, Velipls, Slisti, SlicCal, Gd drng, All.
 60-120" Ss, Pl yel (5 Y 7/3 M) Mass, Fi, Npls, Vslisti, St cem, S w/H₂O, Impd drng, Res.

27

0	FSL
0	FSL
+	FSL
+	SL
0	Ss

SE Cor.
 0-4" FSL w/tr gr, Br (10 YR 4/3 M)
 2-12" FSCL w/tr gr, Br (7.5 YR 4/4 M) Wk pri, Fri, Slipls, Sti, Gd drng, All.
 12-42" FSL, Br (10 YR 5/3 M) Stru, Fri, Velipls, Slisti, Gd drng, All.
 42-84" FSL, Lt grey (10 YR 7/2 M) Stru, Fri, Velipls, Slisti, ModCa mot, HyvCal, Gd drng, All.
 84-120" SL, Br (10 YR 5/3 M) Stru, Fri, Npls, Slisti, ModCal, Gd drng, All.
 120-180" Ss, Lt yel (2.5 Y 6/4 M) Mass, Fi, Npls, Vslisti, VslCal, VslCal, St cem, So w/H₂O, Impd drng, Res.

24

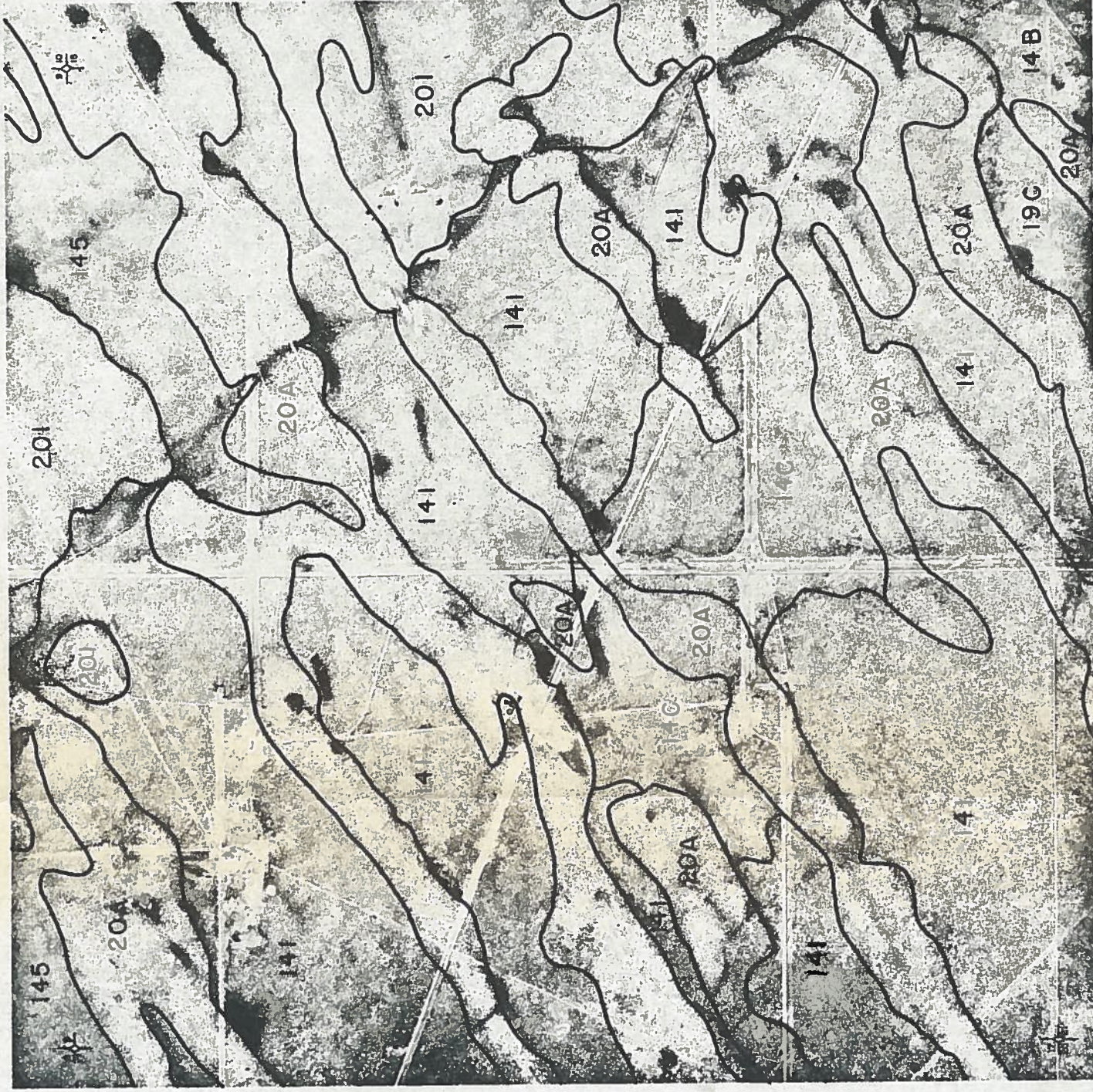
0	FSL
+	FSL
+	FSL
+	SL
0	Ss

2350'N, 2075'E SW Cor.
 0-2" FSL w/tr gr, Br (10 YR 4/3 M)
 2-6" FSCL w/tr gr, Rd br (5 YR 4/4 M) Wk pri, Fri, Velipls, Sti, Gd drng, All.
 8-26" FSL w/tr gr, Br (7.5 YR 4/4 M) Stru, Fri, Velipls, Slisti, ModCal, Gd drng, All.
 26-52" FSL w/tr gr, Lt yel br (10 YR 6/4 M) Stru, Slifri, Velipls, Slisti, ModCa mot, ModCal, Wk cem, Alt w/H₂O, Gd drng, All.
 52-66" SL, Pl yel (2.5 Y 6/4 M) Stru, Fi, Velipls, Slisti, ModCa mot, HyvCal, Mod cem, Alt w/H₂O, Restr drng, Res.
 66-108" Ss, Pl yel (2.5 Y 6/4 M) Mass, Fi, Npls, Vslisti, VslCal, St cem, So w/H₂O, Impd drng, Res.

25

0	SL
0	SL
0	LS
0	S
+	LS
0	Ss
+	Sh

2410'W, 1970'N SE Cor.
 0-2" SL w/tr gr, Br (10 YR 4/3 M)
 2-12" SL, Br (7.5 YR 4/4 M) Wk pri, Fri, Npls, Slisti, Gd drng, All.
 12-24" SL, Yel br (10 YR 5/6 M) Stru, Fri, Npls, Slisti, Gd drng, All.
 24-36" LS, Yel br (10 YR 5/4 M) Fri, Npls, Vslisti, VslCal, Gd drng, All.
 36-52" S, Br (10 YR 5/3 M) SG, Lse, Npls, Nati, Gd drng, All.
 52-76" LS, Yel br (10 YR 5/3 M) Stru, Fi, Npls, Vslisti, ModCa mot, SlicCal, Wk cem, Alt w/H₂O, Restr drng, Res.
 76-96" Ss, Yel (2.5 Y 7/6 M) Mass, Fi, Npls, Vslisti, VslCal, Wk cem, So w/H₂O, Impd drng, Res.
 96-120" Sh, Pl yel (5 Y 7/3 M) Mass, Fi, Pls, Sti, VslCal, Mod cem, So w/H₂O, Impd drng, Res.



EXPLANATION

- 14B - Blanding sandy loam, over shale or sandstone, 1% to 3% slopes
- 14C - Blanding sandy loam, over shale or sandstone 3% to 5% slopes
- 141 - Blanding sandy loam, 1% to 3% slopes
- 145 - Blanding sandy loam, sandy substratum, 1% to 3% slopes
- 19C - Dark clay loam, over shale or sandstone, 3% to 5% slopes
- 201 - Unnamed (20) sandy loam, 1% to 3% slopes
- 20A - Unnamed (20) - Sheppard Complex, 3% to 15% slopes

NOTE
NEW MEXICO STATE COORDINATE SYSTEM - WEST ZONE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
NAVAJO INDIAN IRRIGATION PROJECT - NEW MEXICO
EAST CHACO DIVISION

AERIAL PHOTOGRAPH

SECTION 16 T. 27 N. R. 11 W. N.M.P.M.

DRAWN	SUBMITTED
TRACED	RECOMMENDED
CHECKED	APPROVED

FARMINGTON, NEW MEXICO SHEET 12 OF 203 MARCH, 1965

P. 803-523-1506-A

