Sample cuttings descriptions from six wells scattered over the county are summarized below:

Proctor & Brown No. 1 Lusk (Code 3)
West edge of County - unable to locate

In Woodbine (sample poorly marked)

163	Abundant loose, coarse-grained sideritic "sand" and abundant white, medium to fine-grained sandstone, also white ash and lignite.
168	White, very fine-grained, ashy, sandstone with fine-grained ankerite pellets.
173	Very fine-grained, white, clean sandstone.
185	Abundant white fine-grained sandstone with fine lignitic material.
190- 200	White, clean, round to subangular porous, fine-grained sandstone with sparse ankerite (siderite) pellets.
200- 210	Fine-grained, loose sand, slightly stained brown and yellow. Gray pyritic micaceous shale and trace of pyritized lignite. Also abundant brown-stained siderite pebbles and ankerite pellets....some white ash (probably Dexter).
220- 230	Dark gray, lignitic, pyritic, noncalcareous shale with siderite and ash.
230- 236	Ankerite pellet "sand."

National Geophysical Water Well (Code 5)
Near Love Field
(Samples by Paul W. Foster)

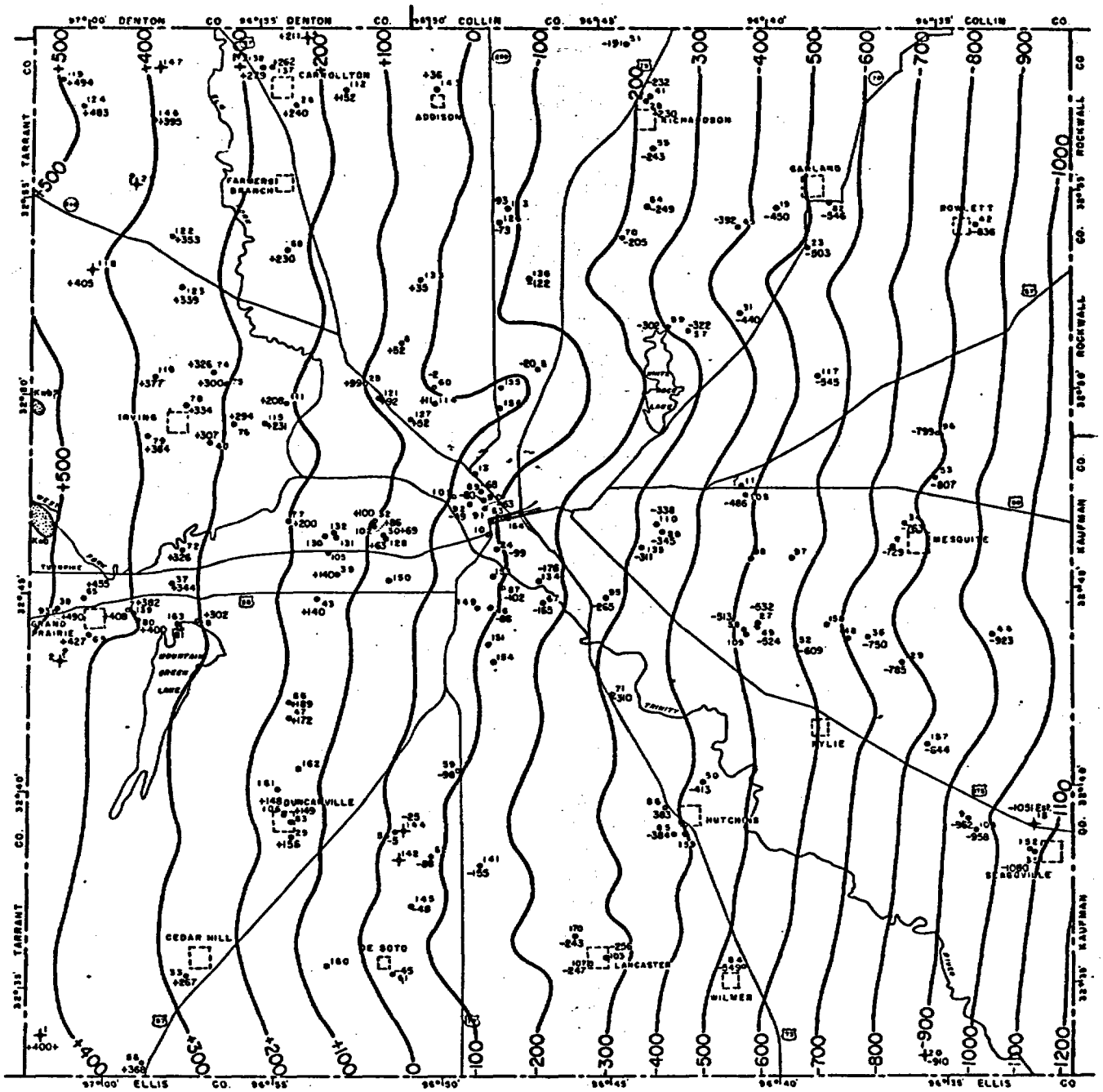
Base Eagle Ford

400- 430	Brownish gray speckled (brown and black spots plus white inclusions) platy shale and brown and black mottled earthy shale; some bluish white bentonite; silver gray micaceous flaky shale; fragments of gray siltstone and broken shells.

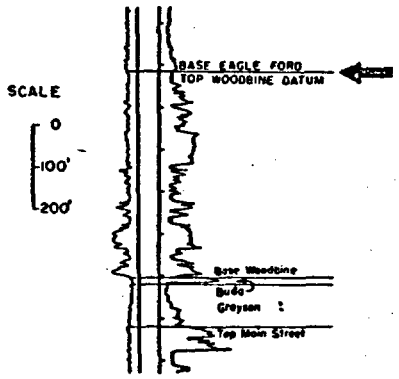
Woodbine (by correlation)

430- 450	Shale, silver-gray and gray, flaky micaceous.
450- 470	Sand - medium to coarse-grained, rounded (25%); also some siderite, pyrite, and inoceramus prisms (cavings?); gray, flaky micaceous shale (75%).

925912



COMPOSITE TYPE LOG



STRUCTURE MAP

TOP
WOODBINE

POSSIBLE WOODBINE OUTCROP

CONTOUR INTERVAL - 100'

DALLAS COUNTY, TEXAS

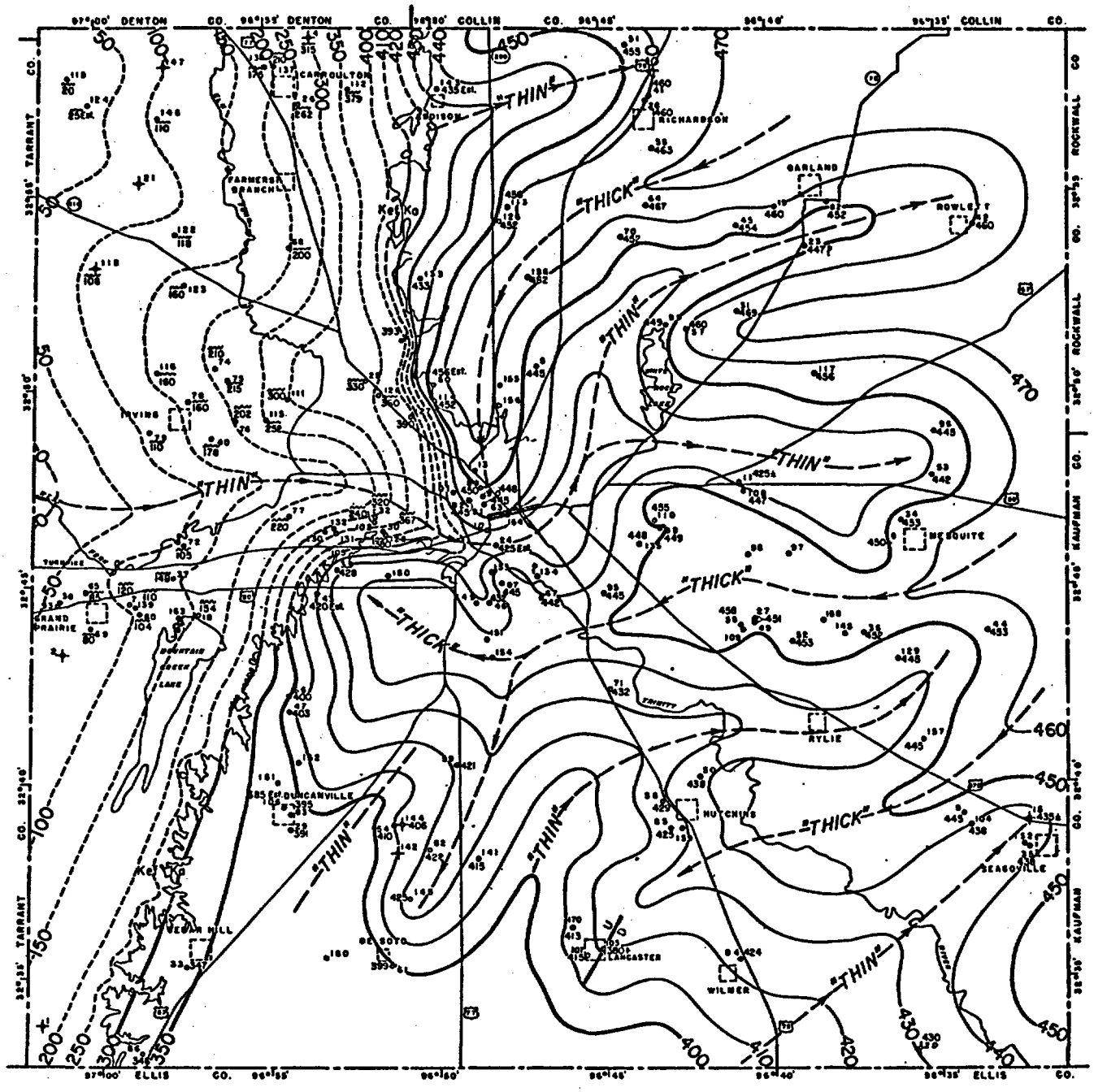
SCALE
MILES

water well

exploratory well

drafting by: MET-GW

Paul W. Foster
FIG. 15



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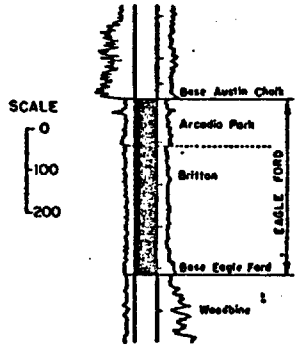


ISOPACH MAP
OF
EAGLE FORD

EAGLE FORD ERODED THICKNESS

Kef Ka AUSTIN-EAGLE FORD SURFACE CONTACT

CONTOUR INTERVAL 50'(0 - 400')
CONTOUR INTERVAL 10'(400-470')

DALLAS COUNTY, TEXAS

SCALE
0 1 2
MILES

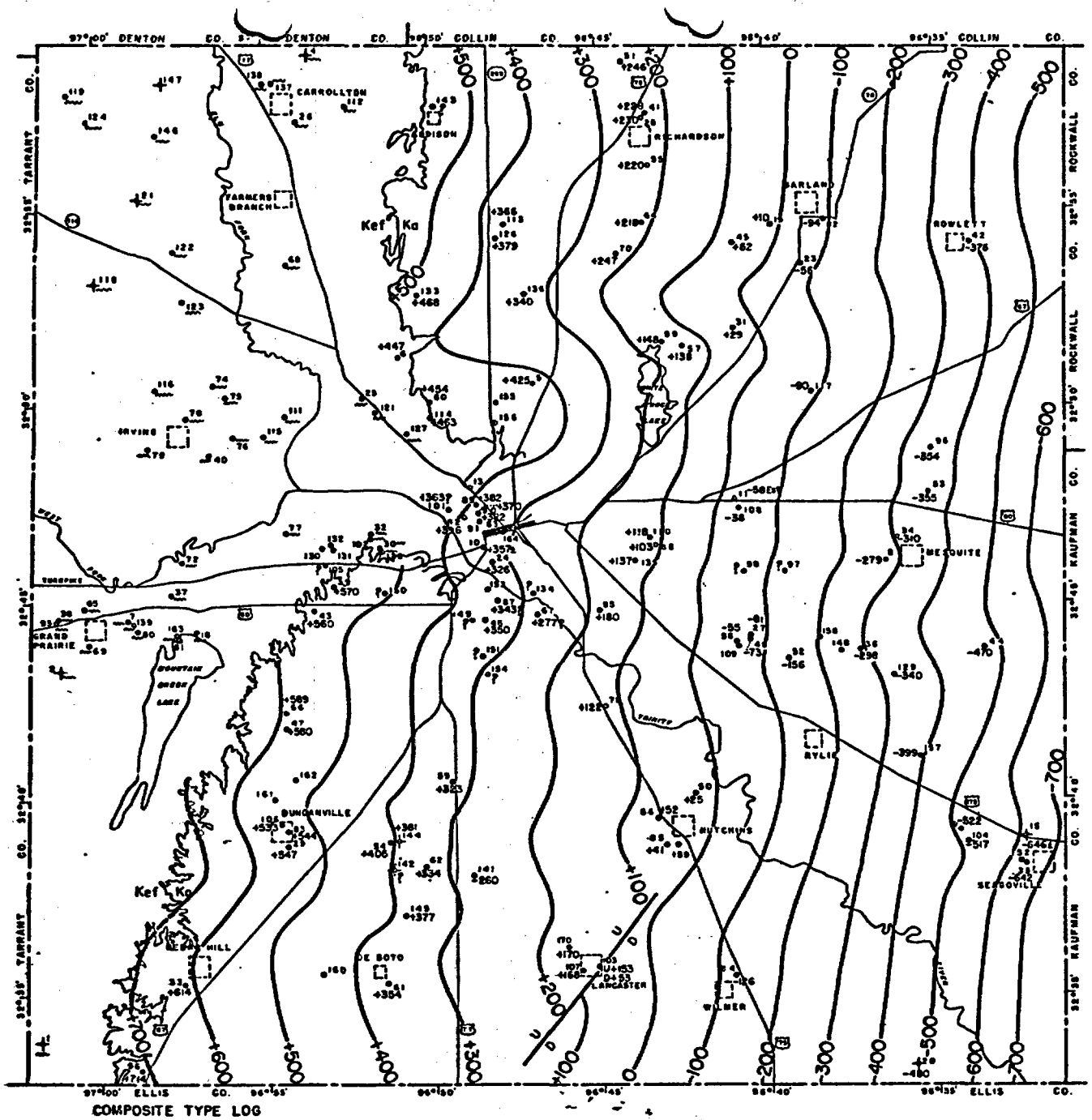
N

26 water well

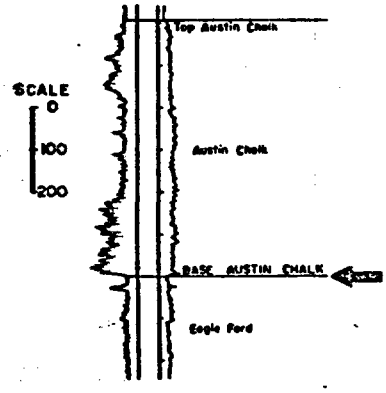
20 exploratory well

drafting by: MET-GW

Paul W. Foster
FIG. 16



COMPOSITE TYPE LOG



STRUCTURE MAP
OF
BASE AUSTIN CHALK

Kef Ka AUSTIN-EAGLE FORD SURFACE CONTACT

CONTOUR INTERVAL - 100'

DALLAS COUNTY, TEXAS

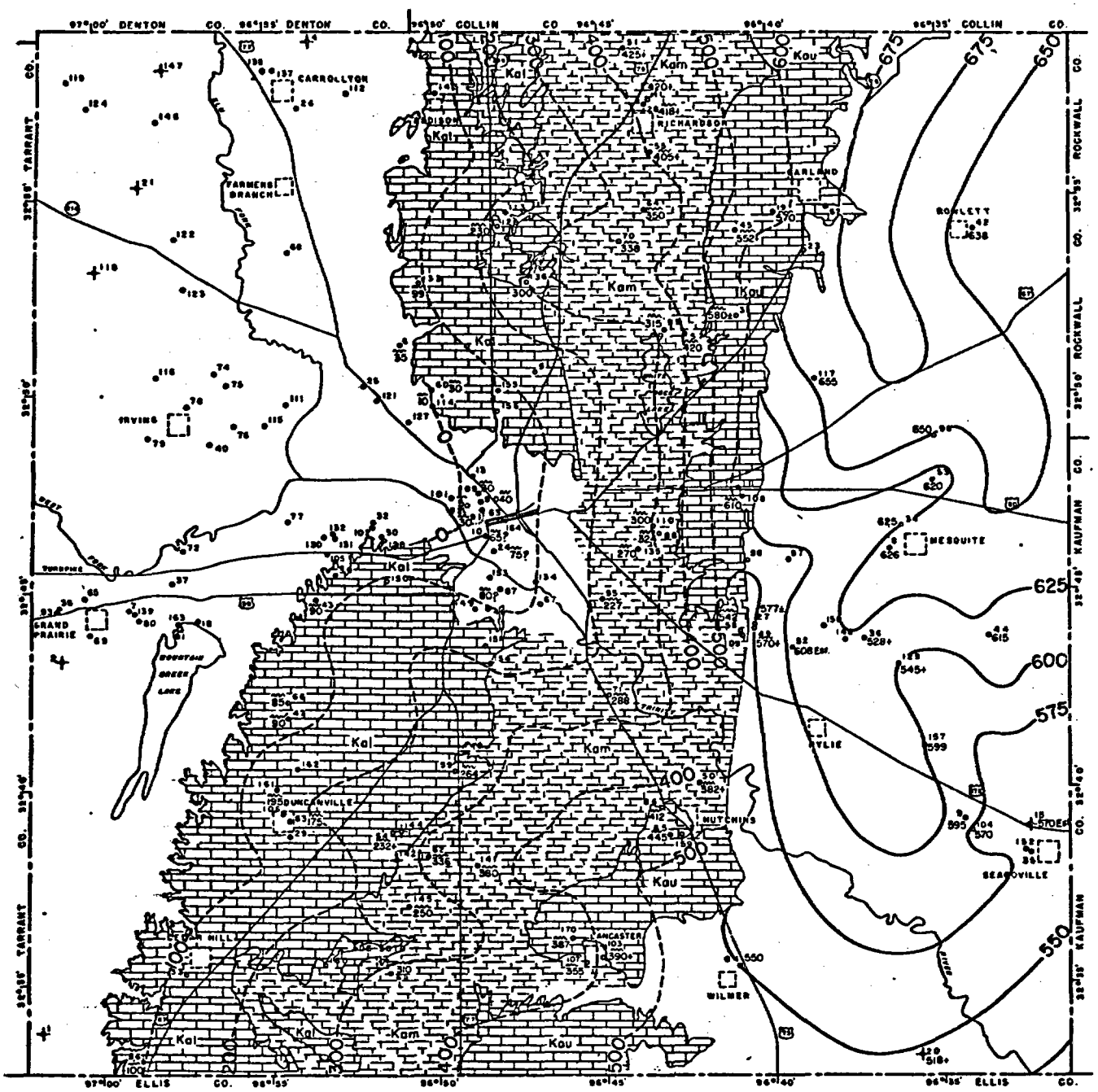
SCALE
0 1 2
MILES

23 water well

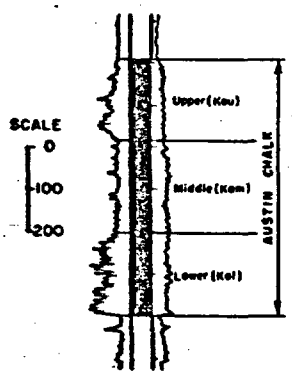
20 exploratory well

drafting by: MET-GW

Paul W. Foster
FIG. 17



COMPOSITE TYPE LOG



ISOPACH MAP OF AUSTIN CHALK

CONTOUR INTERVAL - 25' (Full Section)

CONTOUR INTERVAL - 100' (Eroded section)

CONTOURS SHOWING THICKNESS OF ERODED SECTION.

OUTCROP OF UPPER CHALK

OUTCROP & NEAR SURFACE OUTCROP OF MIDDLE MARL. (ALLUVIAL DEPOSITS OMITTED)

OUTCROP OF LOWER CHALK

DALLAS COUNTY, TEXAS

SCALE

MILES

25 water well

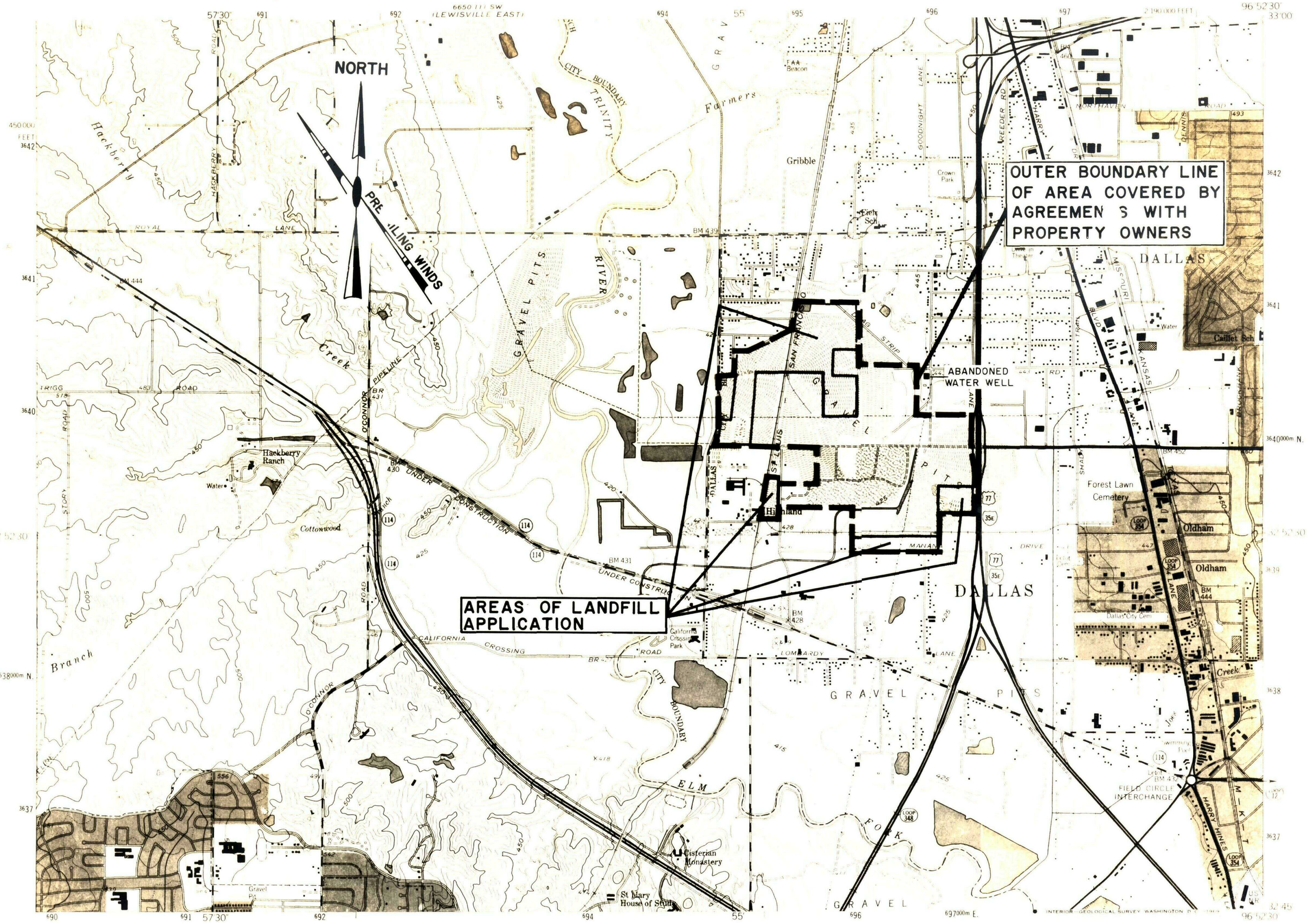
20 exploratory well

drafting by: MET-GW

Paul W. Foster

FIG. 18

MAP NO.	OPERATOR & FARM	FARM (Well No.)	LOCATION	Comp. Date	TOTAL DEPTH	ELEVATION GROUND FEET	TOTAL DEPTH IN	WATER PRODUCING HORIZON	TOP WOODBINE SAND	TOP GOODLAND LIMESTONE	TOP PALUXY SAND	TOP TRINITY SAND	BASE OF CRETACEOUS SEDIMENTS	DATA SOURCE E=Electric Log S=Samples D=Driller's Log C=Cores	WELL STATUS WW=Water Well EXPL=Exploratory Dry Hole	REMARKS
1	MC NEIL & MATTHEWS - SEATON	1	J. C. Garrett Survey 400' SL, 1900' Sly WL Survey	1928	2660'	550 est.	PALEOZOIC	--	190	830 est.	960 est.	?	2085	ARCO C&S	EXPL	SW Cor. County
2	MARK SALTY - S. G. MORRIS	1	C. Gibbs Survey 1201' NL; 1683' WL Survey	?	2636'	460	PALEOZOIC	--	?	745 est.	885 est.	1780	1975	D	EXPL	2 Miles SW Grand Prairie
4	ALFORD OIL CO. - McCOY	1	J. Jackson 1800' WL; 600' NL Survey	?	1357'	326	PALUXY	--	392	1125	1210	--	--	ARCO C&S	EXPL	NE Carrollton
5	INC-CITY OF DALLAS ARTESIAN WELL	1	J. Sykes-A-1338-SMU Campus	?	2850'	590.2	TRINITY	TRINITY	672	1495	1617	2340	2880 est.	D	WW	IP 500,000 Gallons per day
6	NATIONAL [illegible] - [illegible]	1	1906 Lemmon Ave. (On old Lemmon Ave. Road at Love Field.)	?	820'	482	GRAYSON	WOODBINE	470	--	--	--	--	ARCO S	WW	
7	J. L. MYERS - NORTH AMERICAN AVIATION	1	Sirk -6. U.S. 80 At Grand Prairie	1940	1386'	528	UPPER GLEN ROSE	PALUXY	168	878	998 G	--	--	E,D	WW	100' per. Paluxy Sd.
8	LAYNE-TEXAS - CITY OF MESQUITE	2	? - West Edge of Town	1940	2534'	465	UPPER GLEN ROSE	PALUXY	1256 G	2212	2320	--	--	E,D	WW	220' per. Woodbine Sd.
9	LAYNE-TEXAS - FED. WOMEN'S PENITENTIARY	1	H. Lee, A-341 3100' S.E.L.; 7100' NE SW Cor. Survey	1938	1850'	423	WOODBINE	WOODBINE	1470	--	--	--	--	E,D	WW	Near Seagoville
10	LAYNE-TEXAS - UNION TERMINAL-TRINITY WW	1 & 2	J. N. Bryan, A-149-Union Terminal Station	1935	OVER 280'	421.5	TRINITY	TRINITY	365	1310	1430	2520	--	E,D	WW	D.T.D. 1746 1/2" (?)
11	R. A. DEARING-BUCKNER ORPHANS HOME	1	D. Bagley, A-197C (250' FWL, 250' FSL of Survey)	1925	3565'	572	TRINITY	TRINITY	1123	?	2088±	3075± G	--	D	WW	Reported to have good section of Trinity Sd.
13	TURTLE CREEK PUMP STATION WW	1	J. Sylvester, A-1393 On Parking Lot - SE Cor. Pump Sta.-Oak Lawn & Turtle Creek	?	2577'	423	TRINITY	TRINITY	?	?	?	?	--	--	WW	
15	PLAZA OIL CORP. - DAVIDSON	1	S. B. Fallon - 1650' FNWL 330' FSEL - Survey	1938	3599.9'	436	ACHENAA	--	1392	2590	2680±	--	--	D	EXPL	Seagoville - W. of U.S. 175
18	J. L. MYERS - U. S. NAVAL BASE	3	E. of Idlewild Rd. on Lake Shore (HA & NG Sur., A-1420)	1942	2135	456	PALEOZOIC	TRINITY	202	920	1050	1890	2130	E	WW	2 Mi. E. Grand Prairie
19	J. L. MYERS - (FED. WKS. AGENCY) CITY, GARLAND	3	J. W. Keen - W/2 Section 25	1942	3762'	580	PALEOZOIC	TRINITY	3065 G	2800	3004 G	3190 G	3565	ARCO E(S-?)	WW	200'± per. Trinity Sd. 120' per. Paluxy Sd.
20	LUCKY & CUTHBERSON - MYERS	1	T. Johnson - SE Dallas Co.-W & E of Ferris. 1900 FNWL, 660 FNWL - 193.3 Ac. Tr.	1952	4943'	360	PALEOZOIC	--	1340 G	2255	2388 G	3570 G	4453	ARCO E,S	EXPL	500-700' per. Trinity in Country Can Have. Cont. Section
21	MATLDIN OIL CO. - W. E. WALL	1	S. Layton - Appr. 690' FWL; 1000' FSL - Survey		2510'	543 est.	PALEOZOIC	--	?	830 est.	925 est.	1750 est.	1975 est.	D	EXPL	Log Data Questionable-Tops Estimated.
23	J. L. MYERS - CITY OF GARLAND	4	W. T. Beamont, A-62 1 mi. S Garland - Near R.R.	1949	3636'	549	TRINITY	TRINITY	1122 G	2040	2130 G	3236 G	--	E	WW	230' per. Trinity Sd.- 100'± per. Paluxy
24	TEXAS WATER WELLS - CITY OF DALLAS	40	J. N. Bryan - 310 Cadiz Street	1933	2797'	400.0	PALEOZOIC	TRINITY	345 G	1360	1400 G	2300	2780	ARCO E	WW	85'-per. Paluxy Sd.
25	TEX. WTR. WELLS - DALLAS CO. - PARK CITIES	1	B. Parker, A-1113 Park Cities Water Plant	1953	2632'	429	PALEOZOIC	TRINITY	346	1152	1250	2132	2390	E,S	WW	E. of N. Mines Blvd.
26	J. L. MYERS - CITY OF CARROLLTON	3	J. B. Lee, A-798, College & Clint Streets	1948	2330'?	502	?	?	317	1090	1180	?	?	E	WW	
27	J. L. MYERS - CITY OF DALLAS WW	44	J. Leonard, A-802 Pleasant Grove	1953	3672'	491	TRINITY	TRINITY	1080 G	1974	2074	3180 G	3630(Or)Deeper	E	WW	Just North Lake June Rd. - Norton Rd.
28	J. L. MYERS - CITY OF RICHARDSON	2	W. Reed, A-1255 Apollo & Greenville Ave.	1947	2068'	640	PALUXY	PALUXY	940	1780	1870	--	--	E	WW	1/2 Mi. N. Richardson
29	J. L. MYERS - DUNCANVILLE AIR FORCE BASE	1	A. Slayback, A-1294 1500' S. & 500' E. Duncanville Rd.	1953	828'	726	WOODBINE	WOODBINE	610	--	--	--	--	E	WW	
30	J. L. MYERS - LONE STAR CEMENT PLANT	3	L. Loomis, A-289 NE Cor. of Powerhouse	1953	2556'	436.1	TRINITY	TRINITY	410	1190	1305	2262	2565 est.	E	WW	
31	J.W. RICHARDSON - HUDSON AIRPORT	1	H. Devis, A-410 3 mi. SW Garland	1945	2166'	609	PALUXY	PALUXY	1110 G	1974	2065	--	--	E	WW	
32	J. L. MYERS - CITY OF DALLAS	42	E. Horton, A-604 2700 Block Singleton Blvd.	1952	2563'	420.1	PALEOZOIC	TRINITY	372	1165	1276 G	2196 G	2530	E	WW	230'± per. Trinity Sd., 160'± per. Paluxy
33	J. L. MYERS - CITY OF CEDAR HILL	2	J. Hinden, A-881 600' S. Belt Line Rd., 300'E. of R.R. Track	1953	2716'	829	PALEOZOIC	TRINITY	610 G	1315	1435	2620 P	2560	E	WW	80' Minimum per. Sd. in Trinity
34	J. L. MYERS - CITY OF MESQUITE	3	H. Ewing, A-1397 6/10 mi. N. Scyene Rd., W. of Thomasson	1951	3071	315	TRINITY	TRINITY	1366 G	2276	2380	3320	--	E	WW	
35	J. L. MYERS - CITY OF SEAGOVILLE	2	S. of THRU RR, W. of Malloy Bridge Rd.	1947	2863'	440	PALUXY	PALUXY	1610 G	2390	2600 G	--	--	E	WW	100'± per. Paluxy Sd
36	J. L. MYERS - DALLAS CO. WID 6	1	J. Lawsley, A-808 N. of Elam, E. of Hickory Tree Rd.	1952	3960	590	TRINITY	TRINITY	1310	2230	2322	3485 G	--	E	WW	
37	J. L. MYERS - CITY OF GRAND PRAIRIE	16	W. of Myers Rd., 2 1/2 mi. NE Grand Prairie	1953	2170'	452	PALEOZOIC ?	TRINITY	195	913	1040	1850	2140 (?)	E	WW	1850-1890-Highly Resistive Bed (Lithology Unknown)
38	J. L. MYERS - CITY OF GRAND PRAIRIE	11	1 Mi. NNW Grand Prairie	1943	2029'	550	PALEOZOIC ?	TRINITY	110	806	926	1736 G	2000 (?)	E	WW	
39	J. L. MYERS - GENERAL PORTLAND CEMENT CO.	3	J. E. Nelms, A-1005, 3000' N. Davis St., 2900' W. Westmoreland St.	1950	2597'	560	TRINITY	TRINITY	470 G	1260	1380	2300	2540 (?)	E	WW	Cedar Hill (Thick Woodbine & Trinity Sands)
40	J. L. MYERS - IRVING TRINITY WATER WELL	1	H. Bennett, A-122, S. Irving Blvd., W. of Britain Rd.	1945	2283'	483	PALEOZOIC	TRINITY	222	958	1060	1936	2210	E	WW	
41	J. L. MYERS - RICHARDSON WATER WELL	3	W. Reed, A-1255, Apollo & Greenville Ave.	?	3333'	648	PALEOZOIC	TRINITY	950	1793	1880	2973	3180	E	WW	[illegible] - All 3
42	J. L. MYERS - ROWLETT	1	W. Crabtree, A-347, City of Rowlett	1956	2669'	494	PALUXY	PALUXY	1392	2382	2463 G	--	--	E	WW	103'± per. Paluxy Sd.
43	J. L. MYERS - ST. MICHAEL'S	2	W. Cochrell, A-244, 1000' S. Davis, 500' West Cockrell Hill Rd.	1947	2667'	650	PALEOZOIC	TRINITY	555	1312	1430	2360	2622	E	WW	
44	J. L. MYERS - LUCAS FARMS	2	E. Central, Dallas Co. (SE Mercury Rd, SW Cartwright Rd.)	1958	2636'	633	PALUXY	PALUXY	1620 G	2610	2520	--	--	E	WW	43' per. Woodbine Sd.
45	J. L. MYERS - CITY OF GARLAND	6	D. Dye, A-475	1965	3697'	614	TRINITY	TRINITY	? G	1970	2040 G	3105 G	NR- 3480' Or Deeper	E	WW	250± per. Trinity Sd.(Well Formerly [illegible]
46	J. L. MYERS - FLEMING & SONS	2	W. Herd, A-560, 700' SE of Fleming & Clarendon	1948	2742'	476	TRINITY	TRINITY	350 G	1373	1485	2492	NR- Below 2742	E	WW	
47	J. L. MYERS - MAGNOLIA EXP. STA.-TRINITY WW	1	S. Loving, A-773, N. of Ledbetter, E. Duncanville Rd.	1963	2551'	672	TRINITY	TRINITY	544 G	1306	1433 G	2340	NR- Below 2551	E	WW	90-115' per. Paluxy Sd., 130' per. Woodbine Sd.
49	J. L. MYERS - PLEASANT GROVE WID 3	3	NW Cor. - Lake June & Prudence Rds.	1949	2207'	497	PALUXY	PALUXY	1125 G	1969	2070	--	--	E	WW	17' per. Woodbine Sd.
50	J. L. MYERS - BOYS' INDUSTRIAL SCHOOL	1	750' S. of Langdon Rd. 1 mi. East of R.R.	1944	1056'	407	WOODBINE	WOODBINE	871	--	--	--	--	E	WW	
51	J. L. MYERS - J. W. STANFORD	1	MCK & W, A-1005, 1/4 mi. N. on Cooper, off Campbell Rd.	1966	2110'	680.8	PALUXY	PALUXY	950	1812	1900	--	--	E	WW	
52	J. L. MYERS - WATER IMPROVEMENT DISTRICT #5	1	E. side Augustine Dr. - between Elam & Lake June	1958	2280'	492	PALUXY	PALUXY	1195	2053	2162	--	--	E	WW	Pleasant Grove
53	J. L. MYERS - OLIVARD	1	SE of Mesquite, E. Belt Line; & N. Tripp Rd.	1952	1780'	505	WOODBINE	WOODBINE	1380 G	--	--	--	--	E	WW	
54	J. L. MYERS - WHEATLAND SCHOOL	1	NE Cor. of Hampton and Duncanville-Wheatland Rd.	1958	1006'	637	WOODBINE	WOODBINE	685	--	--	--	--	E	WW	
55	DALLAS CO. FRESH WTR. SUP. - BUCKINGHAM DST.	1	Jas. R. Reed, A-1196, 2021 Willingham	1950	1256'	425	WOODBINE	WOODBINE	920	--	--	--	--	E	WW	
56	J. L. MYERS - DANCIGER	2	1000' S. Texas Plan Rd., 750' W. Cedarte Rd.	1951	1571'	814	UPPER GLEN ROSE	PALUXY	306 G	1185	1330	--	--	E	WW	170' per. Woodbine Sd.
57	J. L. MYERS - SKY ACRE ACRES	1	Loc ? Area now built up - White Rock Lake	1949	1316'	318 est.	WOODBINE	WOODBINE	943	--	--	--	--	E	WW	
58	J. L. MYERS - WATER IMPROVEMENT DISTRICT #3	1	Madden St. - Pleasant Grove	1946	1683'	487	GRAYSON	WOODBINE	1030 G	--	--	--	--	E	WW	
59	J. L. MYERS - BECKLEY HEIGHTS ADDITION	2	SW. Cor. - Laureland & Beckley Ave.	1948	1782'	587	PALUXY	PALUXY	730	1300	1630	--	--	E	WW	
60	J. L. MYERS - COCA COLA COMPANY	1	M. Bennett, A-52, Mockingbird & Lemmon Ave.	1953	1636'	486.2	UPPER GLEN ROSE	PALUXY.	5327	1310	1422	--	--	E	WW	
61	J. L. MYERS - CITY OF DESOTO	3	SW Cor. Hampton & Belt Line Road	1953	1046'	444	WOODBINE	WOODBINE	730 G	--	--	--	--	E	WW	W. Caldwell-A-236
62	J. L. MYERS - HOBBS WATER WELL	1	1040' N. Danieldale; 570 E. of [illegible] Rd.	1952	1160'	440	GRAYSON	WOODBINE	803	--	--	--	--	E	WW	
63	J. L. MYERS - FIRST NATIONAL BANK WATER WELL	1	1401 Main Street	1953	1670'	425.5	PALUXY	PALUXY	?	?	1544?	--	--	E	WW	
64	J. L. MYERS - HENRY C. BECK	1	Forest Lane - D. J. Trigmste Survey, A-1130	1944	1239'	546.5	WOODBINE	WOODBINE	806 G	--	--	--	--	E	WW	120' per. Woodbine Sd.
65	J. L. MYERS - CITY OF GRAND PRAIRIE	14	1/4 Mi. W. U. S. 80 - Jas. Brannan Survey, A-200	1950	2077'	540	PALEOZOIC-?	TRINITY	130	830	935	1770	2030	E	WW	
66	J. L. MYERS - UNITED GAS CO.	2	300' E. of Old Duncanville Rd.; 840' S. of Keist Blvd.	1950	863'	676	WOODBINE	WOODBINE	330 G	--	--	--	--	E	WW	210' per. Woodbine Sd.
67	J. L. MYERS - DALLAS CITY PACKING CO.	1	300' N. of Merrell Cor. - S.E. Dallas	1946	944'	405	WOODBINE	WOODBINE	620 G	--	--	--	--	E	WW	W. Side Trinity River; 362' per. Wb. Sd.
68	J. L. MYERS - SMITH	1	E. of Hoskins - On Joe Field Rd.	1930	442'	440.3	GRAYSON FM.	WOODBINE	356	--	--	--	--	E	WW	Farmers Branch
69	J. L. MYERS - CITY OF GRAND PRAIRIE	15	S. Grand Prairie; E. of Belt Line Rd.	1952	2066'	507	PALEOZOIC	TRINITY	106	829	947 G	1760	2030	E	WW	J. Verney Sur.-A-1507 115'Per. Paluxy Sd.
70	R. S. ROSS - R. S. ROSS	1	Hope Haven, 1/2 Mi. S. Whitehurst Rd., Beach Pump - On Abrams	1954	1891'	585.6	PALUXY	PALUXY	865 G	1700	1800	--	--	E	WW	E. McCreary Sur.-A-976 130' per. Woodbine Sand
71	J. L. MYERS - VERNON	1	130' E. of Central Expressway, S. of Ledbetter Dr.	1944	1030'	410	WOODBINE	WOODBINE	770 G	--	--	--	--	E	WW	118'± per. Woodbine Sd.
72	J. L. MYERS - CLIFFORD-HILL PIPE CO.	1	4 Mi. SW Irving; 1/4 Mi. E. Myers Rd.; 1 1/2 Mi. N. Yarnathe	1951	1160'	430.8	PALUXY	PALUXY	130	862	980	--	--	E	WW	
74	J. L. MYERS - DR. CHARLES MARTIN	2	SE Cor. Carroll & Wingren - NE Irving	1943	1211'	536.1	PALUXY	PALUXY	237	1010	1120	--	--	E	WW	
75	LAYNE-TEXAS-HUMBLE PIPE LINE TERMINAL	1	1/4 Mi. N. U.S. 183; 1/4 Mi. E. Rock Island R.R.	1944	1252'	515.3	PALUXY	PALUXY	260	?	?	--	--	E	WW	
76	J. L. MYERS - CITY OF IRVING (TRINITY)	2	1/2 Mi. N. Harvies; E. of Nursery	1948	2267'	495.5	PALEOZOIC ?	TRINITY	230	1003	1116	1965	2260	E	WW	S. F. Montgomery Sur.-A-899
77	J. L. MYERS-CHAMBER OF COMMERCE (JAYCEE PARK)	1	Singleton Blvd. & Ledbetter Drive	1947	527'	420	WOODBINE	WOODBINE	365	--	--	--	--	E	WW	Could not Locate
78	LAYNE-TEXAS-CITY OF IRVING TRINITY W.W.	3	E. of Carpenter on Grauwyler at Water Tower	1952	2181'	491.4	PALEOZOIC ?	TRINITY	205	925	1040	1880	2150	E	WW	T. Pearson Sur.-A-1134
79	J. L. MYERS - CITY OF IRVING TRINITY W.W.	4	NE. Cor. Irving Blvd. & Storey Road	1952	2110'	446.1	PALEOZOIC ?	TRINITY	138	880	997	1808	2085	E	WW	B&C RR Sur.-A-204
80	LAYNE-TEXAS - NORTH AMERICAN AVIATION WW	5	At North American Plant at Grand Prairie	1944	2067'	506	PALEOZOIC ?	TRINITY	130	852	976	1794 G	2040	E	WW	P. Linney Sur.-A-777 180'± per. Trinity Sd.
81	J. L. MYERS - U. S. NAVAL BASE	1	North Edge of Mountain Creek Lake	?	316'	464	WOODBINE	WOODBINE	?	--	--	--	--	--	WW	NO DATA
82	LAYNE-TEXAS - CITY OF GARLAND WATER WELL	5	At Water Plant - City of Garland	1952	3689	536	PALEOZOIC ?	TRINITY	1130 G	2074	2140	3282 G	3680	E	WW	J. Crampacker Sur.-A-328 300'± per. Trinity Sd.
83	J. L. MYERS - CITY OF DUNCANVILLE	2	E. of R.R. in City Limits; N. of Wheatland Road	1958	1619'	719	PALUXY	PALUXY	610 G	1362	1480	--	--	E	WW	
84	LAYNE-TEXAS - CITY OF WILMER	1	W. of U. S. 75; North of Belt Line Road	1949	2767'	449	UPPER GLEN ROSE	PALUXY	1060	1930	2040	--	--	E	WW	
85	J. L. MYERS - CITY OF HUTCHINS	2	3/10 Mi. W. Millers Ferry; Just S. of Richman	1947	1130'	486	WOODBINE	WOODBINE	918 G	--	--	--	--	E	WW	
86	J. L. MYERS-DALLAS COUNTY CONVALESCENT HOME	2	W. of U. S. 75; NW Hutchins	1944	1313'	444	GRAYSON	WOODBINE	900	--	--	--	--	E	WW	
87	LAYNE-TEXAS - GEO. A. HORMEL PACKING CO.	2	750' W. of Corinth on Canyon St.	1944	819'	423	WOODBINE	WOODBINE	572	--	--	--	--	E	WW	
88	LAYNE-TEXAS - DALLAS POWER & LIGHT	1	Cor. Parkdale and James Street	1940	3199'	427.2	TRINITY	TRINITY	829 G	1700	1800	2830	NR- Below 3199	E	WW	T. Lagow-A-739
89	LAYNE-TEXAS - DALLAS POWER & LIGHT	3	Griffin Street Plant - Jno. Grigsby Survey, A-493	1940	2736'	412.2	TRINITY	TRINITY	530	1335	1448	?	--	E	WW	
90	LAYNE-TEXAS - DALLAS POWER & LIGHT	4	Griffin Street Plant - Jno. Grigsby Survey, A-493	1948	2750'	409.7	TRINITY	TRINITY	535	1363	1466	2690	2730?	E	WW	
91	LAYNE - TEXAS - DALLAS POWER & LIGHT	5	Griffin Street Plant - Jno. Grigsby Survey, A-493	1950	2769'	412	TRINITY	TRINITY	522	1335	1440 G	2670	?	E	WW	110'± per. Paluxy Sd.
92	LAYNE-TEXAS - DALLAS POWER & LIGHT	6	Griffin Street Plant - McKinney & Williams Survey, A-1050	1956	2720	401	PALEOZOIC	TRINITY	490	1303	1408 G	2440	2730	E	WW	
93	LAYNE-TEXAS - CITY OF GRAND PRAIRIE	13		1956	2040	350	PALEOZOIC	TRINITY	110	805	920	1770	2010	E	WW	McKinney & Williams Sur.-A-1049
95	LAYNE-TEXAS - CITY OF DALLAS WATER WELL	41	Cor. Northern St. & Belt Line R.R.	1953	1074'	407	TRINITY	TRINITY	721 G	1578	1680	2736 G	NR	E	WW	W. Scroggins Sur.-A-1342 140' per. Woodbine Sd.
96	J. L. MYERS - MRS. T. G. LUPTON	1	3 Mi. N. Mesquite - New Hope Community	1946	2598'	504	PALUXY	PALUXY	1372 G	2362	2440	--	--	E	WW	140' per. Woodbine Sd.
97	RICHIE DRLG. CO., - A. V. COX	1	S. Side Scyene Rd. - W. of St. Augustine		1392'	531	PALUXY	PALUXY ?	? NO	DATA	--	--	--	--	WW	NO DATA
98	RICHIE DRLG. CO., - A. V. COX	2	S. Side Scyene Rd. - 1/4 Mi. E. of Buckner		1337'	546	PALUXY	PALUXY ?	? NO	DATA	--	--	--	--	WW	NO DATA
99	LAYNE-TEXAS - CITY OF DALLAS WATER WELL	43	SE Cor. NW Highway & Buckner Blvd.	1953	3207'	467.6	PALEOZOIC ?	TRINITY	870 G	1695	1790	2833 G	3190	E	WW	J. M. Hyde Sur.-A-544 125' per. Woodbine
101	J. L. MYERS - RESEARCH INC.	1	1311 Levee Street	1952	344	402.7	EAGLEFORD	?	--	--	--	--	--	E	Test ? Hole ?	
102	LAYNE-TEXAS - THE RUBEROID CO.	1	2600 Singleton Blvd., A-785	1952	2526'	426	PALEOZOIC ?	TRINITY	390	1165	1270	2195	2535 est.	E	WW	
103	LAYNE-TEXAS - CITY OF LANCASTER WATER WELL	3	R. Rawlins Sur., A-1223, 1000' W. of R.R. & Lancaster	1952	3226'	513	PALEOZOIC ?	TRINITY	810 G	1640	1780	2840 G	3192(OR)Deeper	E	WW	300'± per. Trinity Sd.; 135' per. Woodbine Sd.
104	LAYNE-TEXAS - FEDERAL INTERNMENT CAMP.	2	Seagoville	1944	2773'	418	UPPER GLEN ROSE	PALUXY	1440 G	2413	2505	--	--	E	WW	155' per. Woodbine Sd.
105	LAYNE-TEXAS - THE TEXAS CO. WEST DALLAS PLANT	3	T. Crutchfie Sur., A-271, South of Toll Road	1948	2663'	473	TRINITY	TRINITY	?	?	?	?	?	E	WW	
106	J. L. MYERS - CITY OF DUNCANVILLE	3	500' W. Duncanville Rd; 1800' N. of Florence Rd.	1955	2644'	720±	TRINITY	TRINITY	625	1372	1490	2470	NR- 2670 est.	E	WW	J. Spruce Sur.-A-1297
107	J. L. MYERS - CITY OF LANCASTER	2	In City	1950	1973'	523	UPPER GLEN ROSE	PALUXY	810 G	1643	1763	--	--	E	WW	130' per. Woodbine Sd.
108	J. L. MYERS - BUCKNER ORPHANS' HOME	3	S. U.S. 80; E. Buckner Blvd.	1946	2302'	573	PALUXY	PALUXY	1114	1993	2087 G	--	--	E	WW	118' per. Paluxy Sd.
109	LAYNE-TEXAS - DALLAS W.I.D. #3 WELL	2	Pleasant Grove, Seaford Street	1960	2152' ?	485	PALUXY	?	?	?	?	--	--	--	WW	
110	LAYNE-TEXAS - DALLAS POWER & LIGHT	2	Cor. Parkdale & James Streets	1952	3180'	417.9	PALEOZOIC ?	TRINITY	810	1670	1770	2800 G	Prob. 3180	E	WW	T. Lagow Sur.-A-739
111	J. L. MYERS - [illegible] SCHOOL	2	Brauwyler Rd. On School Grounds	1954	520'	508.5	WOODBINE	WOODBINE	340	--	--	--	--	E	WW	W. Hoen Sur.-A-678
112	J. L. MYERS - COLUMBIAN COUNTRY CLUB	1	B. Myers Sur., A-965, 3 Mi. east of Carrollton	1954	1491'	538	PALUXY	PALUXY	435	1218	1380	--	--	E	WW	
113	J. L. MYERS - THOMAS GORMAN	1	J. Dykes Sur., A-405, 4435 Forest Lane	1953	1817'	579±	PALUXY	PALUXY	736	1532	1628	--	--	E	WW	
114	LAYNE-TEXAS - EASTMAN KODAK CO.	1	Manor Way and Cedar Springs	1953	3669'	472.7	PALEOZOIC	TRINITY	510	1300	1415	2530 G	2630	E	WW	M. Bennett Sur.-A-52
115	LAYNE-TEXAS - CITY OF IRVING TRINITY WW	5	Wildwood Rd. By Water Tank	1954	2309'	483	PALEOZOIC ?	TRINITY	290	1053	1156	2020 G	2300	E	WW	S. F. Montgomery Sur.-A-899



SCALE 1:24 000

1 MILE — 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET — 1 KILOMETER

CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

MN GN 1°07' 20 MILS 8½° 151 MILS

UTM GRID AND 1968 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

TEXAS

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Heavy duty — Light duty
Medium duty — Unimproved dirt

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

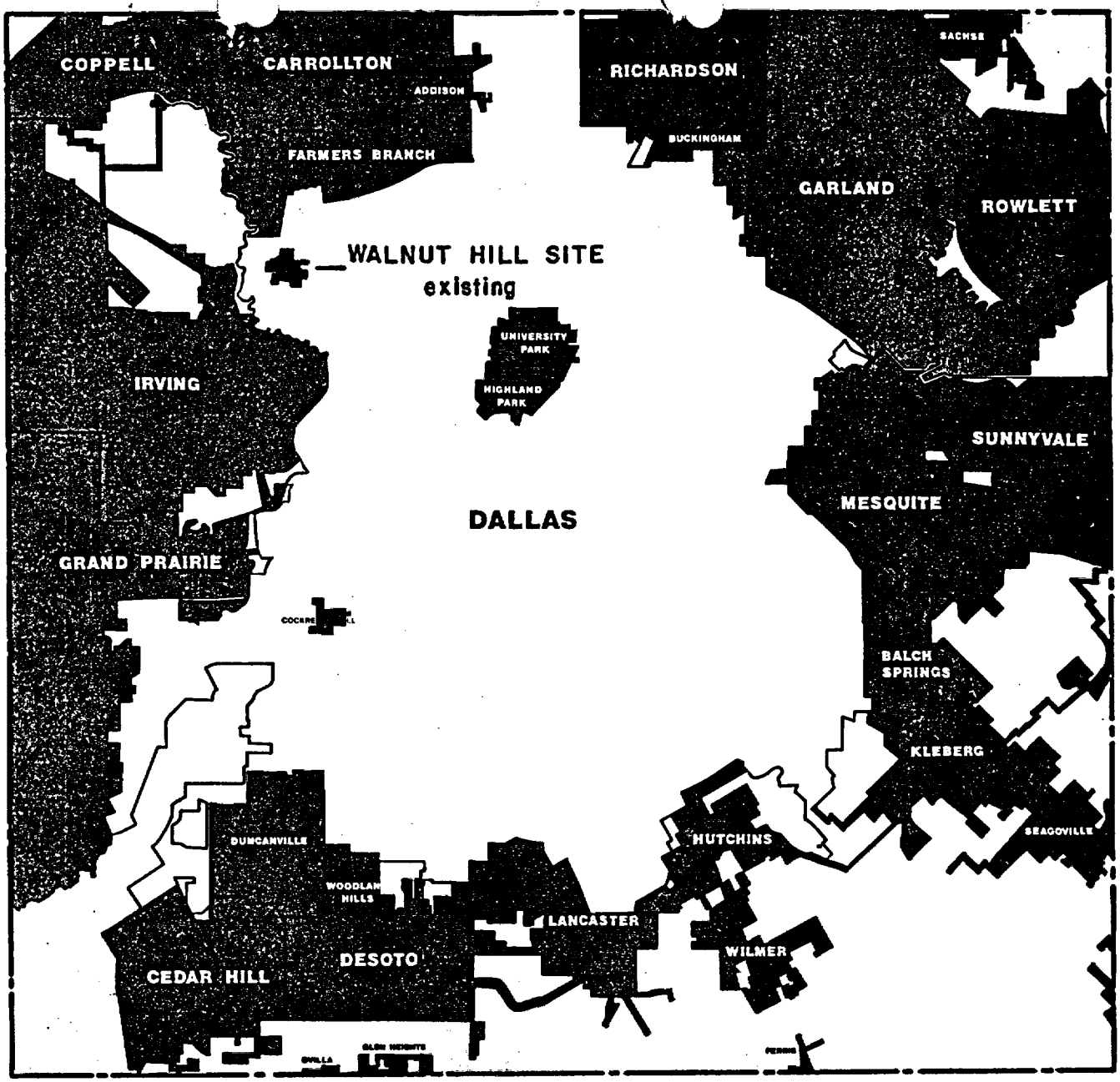
ATTACHMENT NO. 4

TOPO MAP

APPLICATION FOR APPROVAL OF WALNUT HILL SANITARY LANDFILL SITE

DEPARTMENT OF STREET AND SANITATION SERVICES
CITY OF DALLAS, TEXAS

SCALE: NOTED DRAWN: G.W. CHECKED BY: R.R.H. DATE: 3/75



Dallas City of LDFL-Walnut Hill
TXD 980 623 193

SUPERFUND FILE

JUN 24 1992

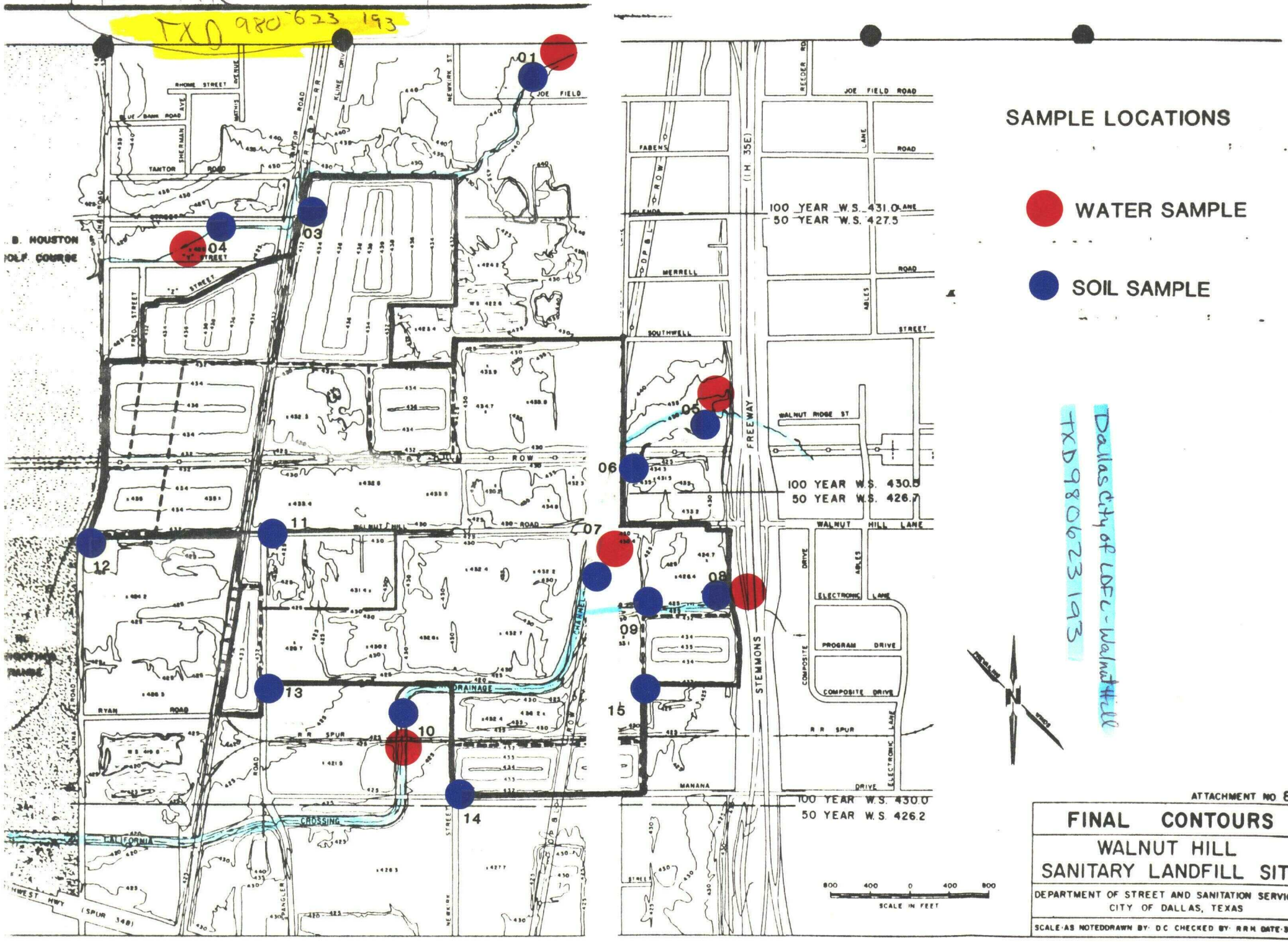
REORGANIZED

ATTACHMENT NO. 1

LOCATION MAP
WALNUT HILL SANITARY LANDFILL SITE
DEPARTMENT OF STREET AND SANITATION SERVICES CITY OF DALLAS, TEXAS
SCALE: NONE DRAWN BY: D.C. CHECKED BY: R.R.H. DATE: 3/75

To: File

TXD 980623193



Dallas City of LDFC-Walnut Hill
TXD980623193

ATTACHMENT NO 8

FINAL CONTOURS

WALNUT HILL SANITARY LANDFILL SITE

DEPARTMENT OF STREET AND SANITATION SERVICES
CITY OF DALLAS, TEXAS

SCALE AS NOTED DRAWN BY: DC CHECKED BY: RRH DATE: 3/79

Borings in Cal's Crossing Drainage Channel @ Walnut Hill Landfill

GEOLOGISTS — MAC JOHNSTON & ASSOCIATES — DALLAS, TEXAS — ENGINEERS

LOG OF BORING

FOR

City of Dallas

Wesco Channel

DATE 2 August 1965 — BORING NO. 2

PROJECT 2149/65 — TYPE Core Boring — LOCATION See Plan

DEPTH, FEET	SYMBOL	SAMPLES	MATERIAL DESCRIPTION	FIELD PT. blows/foot ⊗ / LABORATORY DATA PL + MC,% ⊙ LL + UDW, pcf △ / UNCONFINED COMPRESSION, TSF 2.0 4.0 6.0 8.0 10.0 O / 20 40 60 80 100 ⊗	CORE DRILLED	CORE RECOVERED	ELEVATION, FEET
			Tan sand and gravel (GP)				
2.5			Tan & gray clayey sand w/small gravel (SC)				
			Tan clay (CH)				
5.0			Brown & gray clay with scattered gravel (CH)				
7.5							
10.0			Note: 24 hour water reading WL=4.0' Boring open to 17.5'				
12.5							
15.0			Mottled light brown and gray clay (CH)				
17.5							
20.0			Shale, tan and gray, moderately firm, weathered				
22.5							
25.0			Shale, gray, firm				
			Total Depth of Boring=26.2 feet				

X Denotes pocket Penetrometer readings

⊗ 87 BPF

SUPERFUND FILE

JUN 24 1992

REORGANIZED

Dallas City of LDFL - Walnut Hill

TXD980623193

GEOLOGISTS — JOHNSTON & ASSOCIATES DALLAS, TEXAS

LOG OF BORING
FOR
City of Dallas
Wesco Channel

DATE 2 August 1965 BORING NO. 3
PROJECT 2149/65 TYPE Core Boring LOCATION See Plan

DEPTH, FEET	SYMBOL	SAMPLES	MATERIAL DESCRIPTION	FIELD P.T. blows/foot ⊗ / LABORATORY DATA PL + MC,% ● LL + UDW, pcf △ / UNCONFINED COMPRESSION, TSF 2.0 4.0 6.0 8.0 10.0 ○ / 20 40 60 80 100 ⊗	CORE DRILLED	CORE RECOVERED	ELEVATION, FEET
			Dark brown clay with scattered small gravel(CH)				
2.5							
5.0			Note: 24 hour water reading: WL= 5.3 ' Boring open to 25.0'				
7.5							
10.0			Shale, tan, moderately firm, weathered				
12.5			Shale, tan & gray, firm, weathered				
15.0							
17.5			Shale, gray with tan mottling, firm.		2.0	2.0	
			← Vertical fracture				
20.0			Shale, gray, firm, fossiliferous thinly laminated, with few thin siltstone nodules.	X Denotes pocket penetrometer readings	3.0	3.0	
22.5					4.0	4.0	
25.0			Total Depth = 25.0 feet				

ENGINEERS

GEOLOGISTS — JOHNSTON & ASSOCIATES DALLAS, TEXAS

LOG OF BORING
FOR
City of Dallas
Wesco Channel

DATE 2 August 1965 BORING NO 4
PROJECT 2149/65 TYPE Core Boring LOCATION See Plan

DEPTH, FEET	SYMBOL	SAMPLES	MATERIAL DESCRIPTION	FIELD PT blows/foot ⊗ / LABORATORY DATA PL + ----- MC,% ● ----- + LL, UDW, pcf △ / UNCONFINED COMPRESSION, TSF 2.0 4.0 6.0 8.0 10.0 — O; 20 40 60 80 100 — ®	CORE DRILLED	CORE RECOVERED	ELEVATION, FEET
			Road base material				
2.5			Dark brown clay (CH)				
5.0			Tan & gray sandy clay with scattered gravel (CL)				
7.5							
10.0			Brown clay (CH)				
12.5			Note: 24 hour water reading: WL=8.3' Boring open to 10.1'				
15.0			Tan & gray clay w/scattered small gravel (CH)				
17.5				X Denotes pocket penetrometer readings			
20.0			Shale, tan & gray, moderately firm, weathered				
22.5			Shale, gray, firm, thinly laminated, fossiliferous		2.0	2.0	
25.0			Total Depth = 25.0 feet				

ENGINEERS

GEOLOGISTS — JOHNSTON & ASSOCIATES DALLAS, TEXAS

LOG OF BORING

FOR

City of Dallas
Wesco Channel

DATE 2 August 1965 BORING NO. 5

PROJECT 2149/65 TYPE Core Boring LOCATION See Plan

DEPTH, FEET	SYMBOL	SAMPLES	MATERIAL DESCRIPTION	FIELD PT blows/foot ⊗ / LABORATORY DATA PL + MC,% ⊙ LL + UDW, pcf △ / UNCONFINED COMPRESSION, TSF 2.0 4.0 6.0 8.0 10.0 ○ / 20 40 60 80 100 ◉	CORE DRILLED	CORE RECOVERED	ELEVATION, FEET
			Road base material				
2.5			Dark brown clay with scattered gravel (CH)				
5.0			Gray & tan clay with scattered gravel (CH)				
7.5							
10.0			Tan & gray silty clayey sand (SC)				
12.5			Tan sandy gravel (GP)	⊗ 41 BPF			
15.0			Shale, gray, firm, thinly laminated, fossiliferous, with few thin siltstone nodules		2.0	0.3	
				200 BPF ⊗			
17.5				X Denotes pocket penetrometer readings	5.0	4.4	
20.0							
				200 BPF ⊗			
22.5			Total Depth = 21.7 feet				
			Note: 24 hour water reading: WL= 8.9' Boring open to 11.8'				
25.0							

ENGINEERS

GEOLOGISTS — JOHNSTON & ASSOCIATES — DALLAS, TEXAS

LOG OF BORING
FOR
City of Dallas
Wesco Channel

DATE 3 August 1965 — BORING NO. 6

PROJECT 2149/65 — TYPE Core Boring — LOCATION See Plan

DEPTH, FEET	SYMBOL	SAMPLES	MATERIAL DESCRIPTION	FIELD PT blows/foot ⊗ / LABORATORY DATA PL + MC,% ● LL + UDW, pcf △ / UNCONFINED COMPRESSION, TSF 2.0 4.0 6.0 8.0 10.0 — O (20 40 60 80 100 — ◉)	CORE DRILLED	CORE RECOVERED	ELEVATION, FEET
			Dark brown clay (CH)				
2.5							
5.0			Light brown clay (CH)				
7.5							
10.0			Tan & gray clayey sand (SC)				
12.5							
			Shale, tan, moderately firm, weathered				
15.0							
			Shale, gray, firm, thinly laminated, fossiliferous, with few thin siltstone nodules	x Denotes pocket penetrometer readings	3.0	3.0	
17.5							
					2.0	2.0	
20.0							

Total Depth = 20.0 feet

Note: 24 hour water reading

WL = 2.7'

Boring open to 10.5'

ENGINEERS

GEOLOGISTS — JOHNSTON & ASSOCIATES DALLAS, TEXAS

LOG OF BORING
FOR
City of Dallas
Wesco Channel

DATE 2 August 1965 — BORING NO. 7

PROJECT 2149/65 — TYPE Core Boring — LOCATION See Plan

DEPTH, FEET	SYMBOL	SAMPLES	MATERIAL DESCRIPTION	CORE DRILLED	CORE RECOVERED	ELEVATION, FEET
2.5			Sand, gravel, debris (Fill)			
5.0			Tan sandy clay with small gravel (CL)			
7.5						
10.0			Tan and gray silty clayey sand (SC)			
12.5			Tan sandy gravel (GP)			
15.0			Shale, gray, firm, severely broken			
				2.0	2.0	
17.5			Shale, gray, firm, thinly laminated fossiliferous, with few thin siltstone nodules			
				4.0	4.0	
20.0			high angle fracture			
22.5			Total Depth = 21.0 feet			
25.0			Note: 24 hour water reading: WL= 10.0' Boring open to 13.8'			

FIELD P.T. blows/foot ——— ⊗
LABORATORY DATA
PL + ------ ● ------ + LL — MC,% — UDW, pcf △
UNCONFINED COMPRESSION, TSF
2.0 4.0 6.0 8.0 10.0 ——— O
20 40 60 80 100 ——— ◉

× Denotes pocket penetrometer readings

ENGINEERS

LOG OF BORING
FOR
City of Dallas
Wesco Channel

DATE 3 August 1965 BORING NO. 8
PROJECT 2149/65 TYPE Core Boring LOCATION See Plan

DEPTH, FEET	SYMBOL	SAMPLES	MATERIAL DESCRIPTION	FIELD PT. blows/foot ⊗ / LABORATORY DATA PL + MC,% ⊙ LL + UDW, pcf △ / UNCONFINED COMPRESSION, TSF 2.0 4.0 6.0 8.0 10.0 ○ 20 40 60 80 100 ◉	CORE DRILLED	CORE RECOVERED	ELEVATION, FEET
			Sand and gravel (Roadway)	⊗ 18 BPF			
2.5			Dark brown sandy clay (CL)				
5.0				⊗ 28 BPF			
7.5			Light brown clay (CH)	×			
10.0							
12.5			Tan & gray silty clayey sand, (SC)	× ⊗ 12 BPF			
15.0							
17.5			Shale, gray, firm, thinly laminated, fossiliferous, with few thin siltstone nodules	× Denotes pocket penetrometer readings	2.0	2.0	
20.0			High angle fracture		3.5	3.5	
22.5			Total Depth = 22.5 feet				
25.0			Note: 24 hour water reading: WL= 11.0' Boring open to 13.0'				