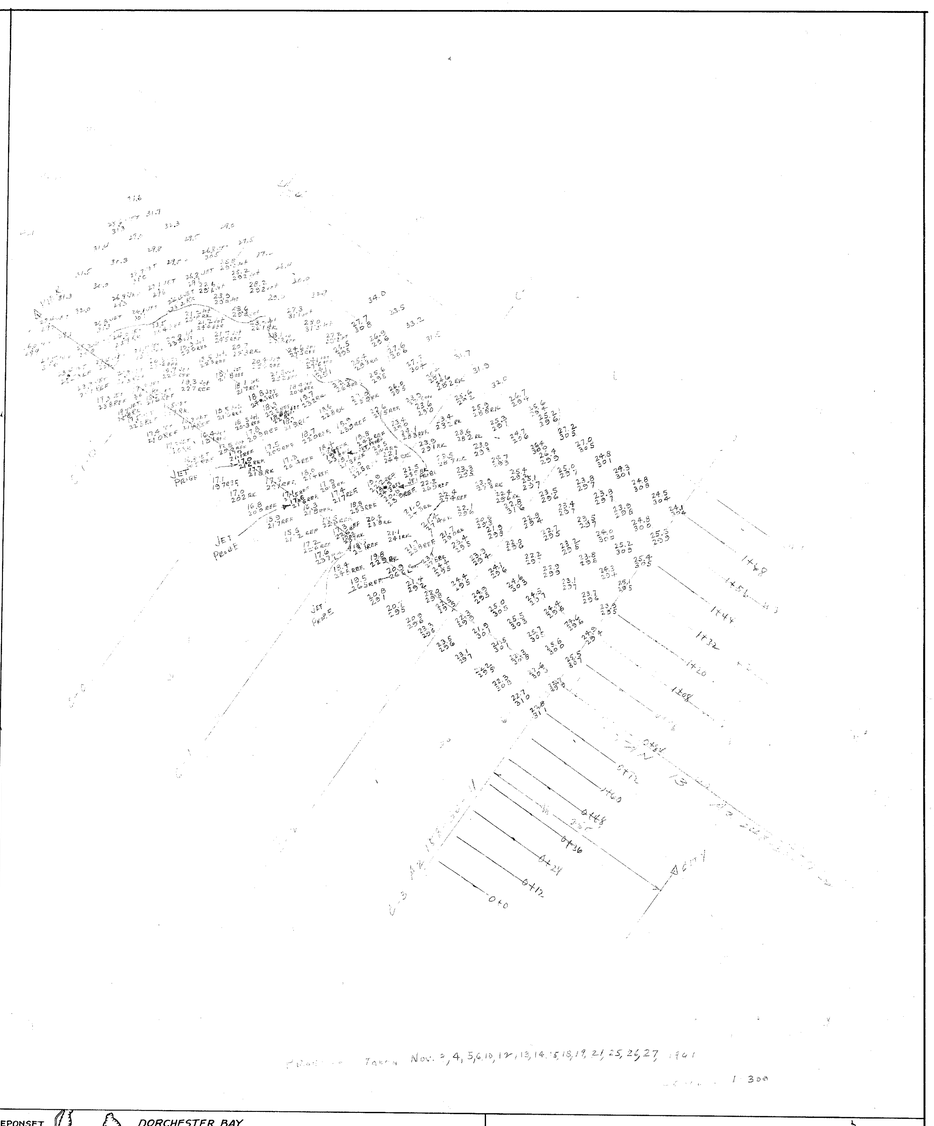


LEGEND

- MEAN HIGH WATER LINE
- MEAN LOW WATER LINE
- 27-FT. CURVE OF MATERIAL OTHER THAN LEDGE
- 27-FOOT CONTOUR OF LEDGE
- PROBINGS
- PROPOSED DREDGING

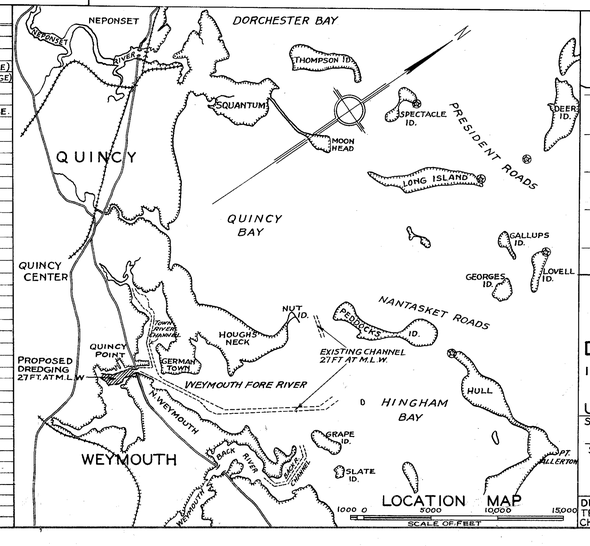
DEPTHS ARE IN FEET AND TENTHS AND ARE REFERRED TO THE PLANE OF MEAN LOW WATER AS INDICATED BY THE BENCH MARK.

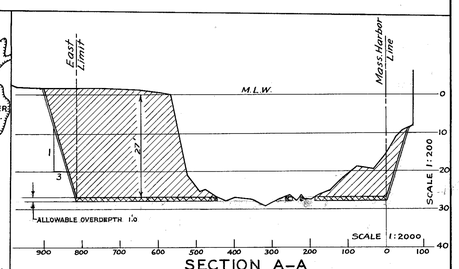
BENCH MARK – A STANDARD COPPER DISK OF THE U.S.C.& G.S. MARKED 2/1926 SET FLUSH WITH THE CONCRETE SURFACE OF EDISON COALING WHARF, NEAR THE SOUTH WEST CORNER OF THE WHARF.

ELEVATION 15.12 FT. ABOVE MEAN LOW WATER.

TABLE OF JET PROBINGS

NO. OF PROBING	DEPTH IN FEET WATER	PROBING	PENETRATION	CHARACTER OF MATERIAL
16	19.8	30.8	11.0	SOFT MUD & CLAY, MIXED GRAVEL.
22	16.5	28.6	12.1	" " " " HARD SANDY CLAY, GRAVEL & HARDPAN, LEDGE
23	20.4	28.7	8.3	" " " " GRAVEL, LEDGE.
25	20.4	29.4	9.0	" " " " MED. GRAVEL, (HARD PACKED) REFUSAL (PROB. LEDGE)
26	22.3	36.0	13.7	" " " " HARD PACKED GRAVEL TO HARDPAN, REF. (PROB. LEDGE)
27	23.1	26.1	3.0	MUD, COARSE GRAVEL, BOULDER OR LEDGE.
28	26.0	46.0	20.0	SOFT MUD & CLAY, SAND.
29	20.0	36.6	16.6	" " " " TO HARD PACKED GRAVEL, MIXED GRAVEL, LEDGE.
30	18.2	30.5	12.3	SOFT MUD & SAND, COARSE GRAVEL (HARD PACKED) L. EDGE.
31	20.0	36.3	16.3	MUD & CLAY TO GRAVEL, TO PROBABLY SOFT SHALE OR LEDGE.
33	23.4	27.4	4.0	MUD, COARSE GRAVEL, BOULDER, OR POSSIBLE LEDGE.
34	18.1	19.7	1.6	COARSE GRAVEL, BOULDER OR POSSIBLE LEDGE.
35	23.0	29.1	6.1	MUD, SOFT CLAY, GRAVEL, LEDGE.
36	20.2	40.1	19.9	MUD AND CLAY, HARD CLAY TO GRAVEL.
37	23.5	38.1	14.6	MUD, SANDY CLAY, HARD CLAY.
38	23.7	42.5	18.8	MUD AND SAND, CLAY AND SAND.
39	24.4	39.8	15.4	MUD, SAND TO FINE GRAVEL.
40	23.9	37.7	13.8	MUD AND SAND, CLAY, COARSE GRAVEL.
41	20.4	33.4	13.0	MUD AND CLAY, MEDIUM CLAY.
42	19.0	33.6	14.6	MUD AND CLAY, MEDIUM GRAVEL, HARD PACKED GRAVEL.
43	9.7	35.0	25.3	SOFT MUD AND CLAY, GRAVEL.
44	26.3	36.2	9.9	MUD AND CLAY, MEDIUM GRAVEL.
46	8.1	36.8	28.7	SOFT MUD AND CLAY, HARD CLAY.
47	8.0	43.6	35.6	MUD, MEDIUM CLAY, FINE GRAVEL, SAND.
48	19.5	37.1	17.6	SOFT MUD AND CLAY, FINE GRAVEL.
49	20.5	33.2	12.7	" " " " , MEDIUM GRAVEL.
A	19.9	29.6	9.7	SOFT MUD, GRAVEL, REFUSAL.
B	19.8	30.1	10.3	MUD, GRAVEL.
C	19.0	34.9	15.9	MUD.
D	20.4	35.4	15.0	" , GRAVEL.
E	2.0	31.5	29.5	" "
F	+1.1	30.0	31.1	" "
G	+1.1	29.9	31.0	" "
H	+1.3	30.0	31.3	"
I	+1.7	30.2	31.9	"
J	22.9	33.4	10.5	MUD AND GRAVEL TO CLAY.
K	17.7	34.8	17.1	MUD TO GRAVEL, HARDPAN 1' DEEP, MUD AND SOFT CLAY.
L	18.9	30.6	11.7	SOFT MUD TO GRAVEL.
M	17.9	36.2	18.3	SOFT MUD.





SECTION A–A

WEYMOUTH FORE RIVER
MASSACHUSETTS
DREDGING ABOVE FORE RIVER BRIDGE.

IN 1 SHEET — SCALE 1:2000

U.S. ENGINEER OFFICE, BOSTON, MASS., 1941

SUBMITTED: SR. ENGINEER

APPROVED: LT. COLONEL, CORPS OF ENGINEERS, DISTRICT ENGINEER

DR. BY
TR. BY
CH. BY

FILE NO. 246, F-7-3