

23348

LOCAL NO. SB 21-70-27 DDDA
SPT

Marshall #2 Well

WYA #1

Drilling at 48 strokes per min.

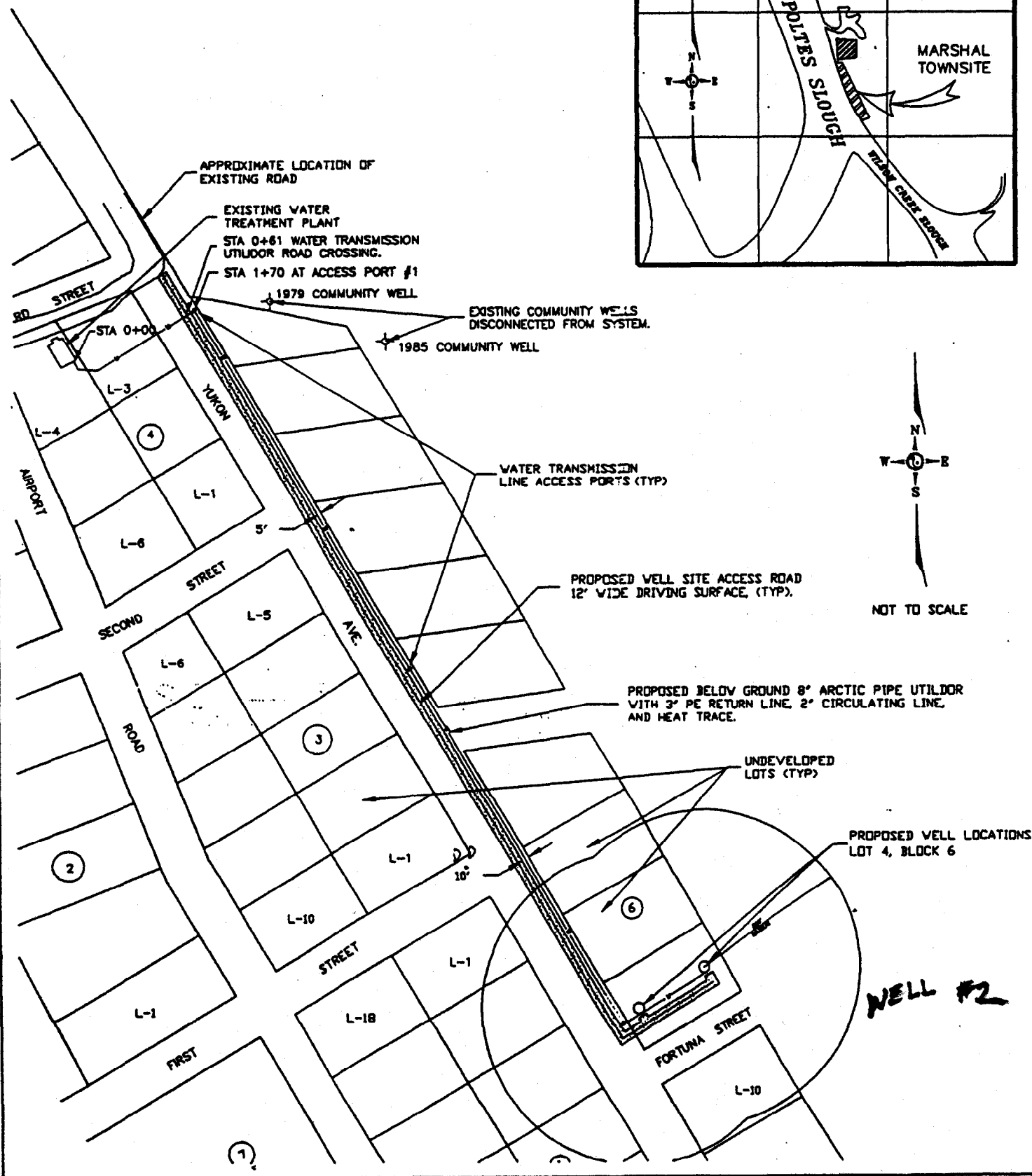
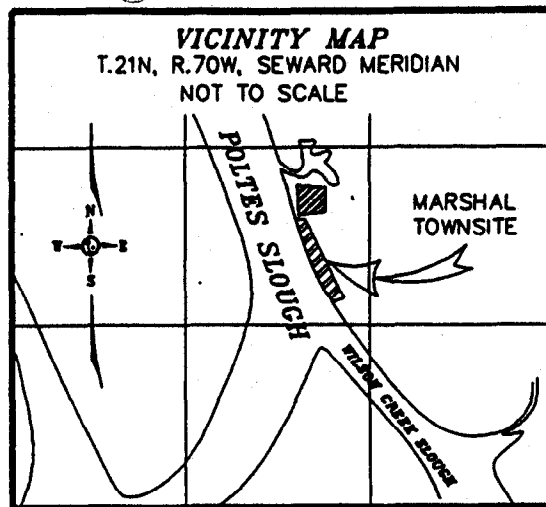
210' - 215' 2 hr 20 min
 215 - 220 1 hr 40 min
 220 - 225 2 hr
 225 - 230 2 hr 15 min
 230 - 235 2 hr
 235 - 240 2 hr 10 min
 240 - 245 3 hrs 30 min
 245 - 250 3 hr 15 min
 250 - 255 2 hr 15 min
 255 - 260 1 hr 20 min
 260 - 276 2 hr 20 min
 275 - 280 2 hr 45 min
 280 - 285 2 hr 40 min
 285 - 290 2 hr
 290 - 295 2 hr 15 min
 295 - 300 2 hr 15 min

drilled 8" to 300' set 140'
 of 6" casing and drilled
 to 315'

Marshall #2 Well

0 - 13' Organics
 3' - 130' Clay with fractured
 shale brownish in
 color. (Frozen)
 130' - 135' gray clay + shale
 I think we got out
 of the frozen materials
 at around 135'
 135' - 140' brown clay with
 fractured broken shale
 140' - 172' gray clay very sticky
 and heavy.
 172' - 180' heavy very sticky red
 clay.
 180' - 182' heavy very sticky
 gray clay
 182' - 200' heavy very sticky
 red clay.
 200' - 310' light gray shale
 308' - 315' red clay and fractured
 shale
 Set 140' of 6" casing put
 drive shoe on each end
 315' 318' Brown shale open hole

SB 21-70-27 DDDA (MAY 6 0006)



DATE	REVISIONS	INITIALS



U.S. DEPARTMENT OF HEALTH & HUMAN SERVICES
PUBLIC HEALTH SERVICE
INDIAN HEALTH SERVICE
 DIVISION OF SANITATION FACILITIES
 OFFICE OF ENVIRONMENTAL HEALTH AND ENGINEERING
 ALASKA AREA NATIVE HEALTH SERVICE
 222 W 9TH AVENUE #85
 ANCHORAGE, ALASKA 99513-7561
 (907) 771-4770

MARSHALL, ALASKA
 WATER TRANSMISSION LINE & ACCESS ROAD
 U.S.S. 4415, TR 0, BLS 3,4,6,7
 PUBLIC LAW 88-121 PROJECT
 DRAWN BY: T.N. (M) DATE: 11-10-94
 FILE NAME: 050-C1&C2
 PLOT SCALE: 1"=1'

PROJECT NO.
 AN-01-230
 SHEET
 1
 OF
 4
 TOTAL SHEETS

SB 21-70-27000A

W.C. #2
layers that were from 172' to 200' were very heavy clay. The formation was of real mudstone with water was only able to drill about 2' at a time and then having to bail.

Formation from 3' - 130' was the dark brown clay with shale mixed in. Was no distinct shale layers. Different shale color but the same brown clay.

Enclosed 17 Oct 91 348' total to the 127'

Rich Hendricks
John Williams