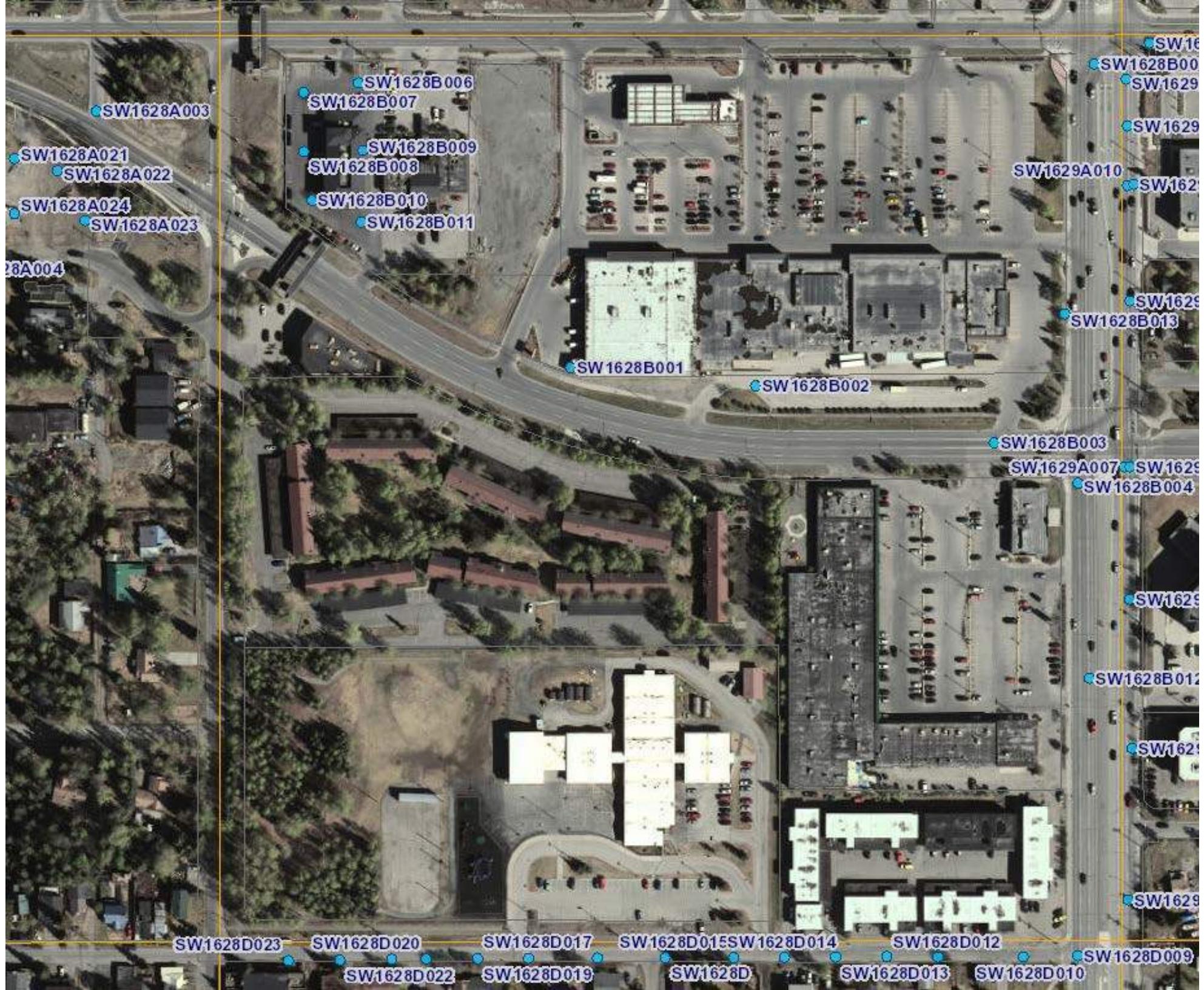


Geotechnical Information

Appendix E



SW1628D009

402-66-10 "F"

9

City of Anchorage
Office of the City Engineer
Soils Laboratory
Field Auger Log

Contract Number
District UNIT 10 WATER

Hole Number 1

Location 32ND 26705

Top Elevation EXISTING GRADE

w=water content

D₂₀ = 20% Diameter

ϕ = of int. Friction

k=coef of permeability

c = unit cohesion

e = void ratio

Sample	Depth in feet	M.I.T. Classification	Summary of Test Results
	1.0	GM SILTY GRAVEL	
	2.0	GW SAND	
	3.0		
	4.0	SW BROWN - RED	
	5.0	SAND	
	6.0	SW	
	7.0	SAND	
	8.0		
	9.0	ML	
	10	GRAY SANDY SILT	Hole Depth 9 5

SW1628D010

City of Anchorage
Office of the City Engineer
Soils Laboratory
Field Auger Log

Contract Number
District

Hole Number 2

Location 32ND 25 + 25

Top Elevation EXISTING GRADE

w=water content

 D_{20} = 20% Diametero = λ of int. Friction

k=coef of permeability

c = unit cohesion

e = void ratio

Sample	in feet	Depth	M.I.T. Classification	Summary of Test Results
		1.0	GP SANDY GRAVEL	
		1.5	SW	
		2.0	SAND	
		3.0		
		4.0		
		5.0		
		6.0		
		7.0		
		8.0	ML	
		9.0	GRAY SANDY	
		10	SILT	Hole Depth 9 1/2

SW1628D011



City of Anchorage
Office of the City Engineer
Soils Laboratory
Field Auger Log

Contract Number
District

Hole Number 3

Location 32ND 24+00

Top Elevation EXISTING GRADE

w=water content

D_{20} = 20% Diameter

ϕ = \tan^{-1} of int. Friction

k=coef of permeability

c = unit cohesion

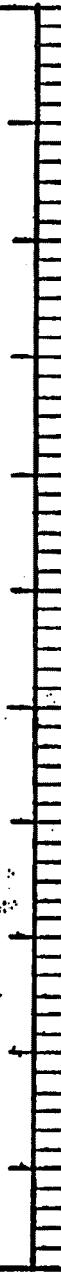
e = void ratio

Depth

Sample in feet

M.I.T. Classification

Summary of Test Results



GM-ML SILTY GRAVEL

1.0

SW

2.0

SAND

3.0

SP

4.0

GRAVELLY

5.0

SAND

6.0

SW

7.0

SAND

8.0

ML

9.0

GRAY SANDY

10

SILT

Hole Depth

9.5

SW1628D012

(12)

City of Anchorage
Office of the City Engineer
Soils Laboratory
Field Auger Log

Contract Number
District

Hole Number 4

Location 32ND 23+25

Top Elevation

EXISTING GRADE

w=water content

D_{20} = 20% Diameter

ϕ = of int. Friction

k=coef of permeability

c = unit cohesion

e = void ratio

Sample	Depth in feet	M.I.T. Classification	Summary of Test Results
	1.0	6N SILTY GRAVEL	
	2.0	6P	
	3.0	SANDY GRAVEL	
	4.0		
	5.0		
	6.0		
	7.0		
	8.0	M	
	9.0	GRAY SANDY	
	10	SILT	
			Hole Depth 9 ⁰

SW1628D013

(13)

City of Anchorage
Office of the City Engineer
Soils Laboratory
Field Auger Log

Contract Number
District

Hole Number 5

Location 32 ND 22 + 50

Top Elevation EXISTING GRADE

w=water content

D_{20} = 20% Diameter

ϕ = of int. Friction

k=coef of permeability

c = unit cohesion

e = void ratio

Sample	Depth in feet	M.I.T. Classification	Summary of Test Results
	1.0	GM : SILTY GRAVEL	
	2.0	SID GRAVELLY SAND	
	3.0		
	4.0	SW	
	5.0	SAND	
	6.0		
	7.0		
	8.0	ML	
	9.0	GRAY SANDY	
	10	SILT	
			Hole Depth 10 5

SW1628D014

14

City of Anchorage
Office of the City Engineer
Soils Laboratory
Field Auger Log

Contract Number
District

Hole Number

Location 32^N 21+75

Top Elevation

EXISTING GRADE

w=water content

D₂₀ = 20% Diameter

o = λ of int. Friction

k=coef of permeability

c = unit cohesion

e = void ratio

Depth Sample in feet	M.I.T. Classification	Summary of Test Results
1.0	GM. SILTY GRAVEL	
2.0	SW	
3.0	SAND	
4.0		
5.0		
6.0		
7.0		
8.0	ML	
9.0	GRAY SANDY	
10	SILT	

Hole Depth

12 "

SW1628D015

(15)

City of Anchorage
Office of the City Engineer
Soils Laboratory
Field Auger Log

Contract Number
District

Hole Number

Location 32ND 21+00

Top Elevation

EXISTING GRADE

w=water content

D_{20} = 20% Diameter

$\phi = \Delta$ of int. Friction

k=coef of permeability

c = unit cohesion

e = void ratio

Sample	Depth in feet	M.I.T. Classification	Summary of Test Results
	1.0	6 M. SILTY GRAVEL	
	2.0	SW	
	3.0	SAND	
	4.0		
	5.0		
	6.0		
	7.0	ML	
	8.0	GRAY SANDY	WATER LEVEL (PROBABLY NOT GROUND WATER LEVEL)
	9.0	SILT	
	10		
			Hole Depth 8'

7KLV ;0/ ILOH GRHV QRW DSSHDU WR KDYH DQ\ VW\OH LQIRU EHORZ

SW1628D

It appears boring 8 (D016) does not exist in the database.

SW1628D017

(17)

City of Anchorage
Office of the City Engineer
Soils Laboratory
Field Auger Log

Contract Number
District

Hole Number 9

Location 32ND 19+00

Top Elevation

EXISTING GRADE

w=water content

D₂₀ = 20% Diameter

o = ϕ of int. Friction

k=coef of permeability

c = unit cohesion

e = void ratio

Sample	Depth in feet	M.I.T. Classification	Summary of Test Results
	1.0	6M SILTY GRAVEL	
	2.0	SW	
	3.0	SAND	
	4.0		
	5.0		
	6.0		
	7.0		
	8.0		
	9.0	ML GRAY SANDY SILT	
	10		
			Hole Depth 12 0

18

SW1628D018

City of Anchorage Office of the City Engineer Soils Laboratory Field Auger Log	Contract Number	
	Hole Number	10
	Location	32 ND 18 + 00
	Top Elevation	EXISTING GRADE
w=water content k=coef of permeability	$D_{20} = 20\%$ Diameter c = unit cohesion	$\sigma = \Delta$ of int. Friction $e =$ void ratio
Depth Sample in feet	M.I.T. Classification	Summary of Test Results
	6M SILTY GRAVEL	
1.0	SW	
2.0	SAND	
3.0		
4.0		
5.0		
6.0		
7.0		
8.0		
9.0		
10	ML GRAY SANDY SILT	Hole Depth 11'

SW1628D019

19

City of Anchorage
Office of the City Engineer
Soils Laboratory
Field Auger Log

Contract Number
District

Hole Number 11

Location 32ND 17TH 25

Top Elevation EXISTING GROUND

w=water content

D_{20} = 20% Diameter

$\phi = \frac{1}{2} \tan \theta$ of int. Friction

k=coef of permeability

c = unit cohesion

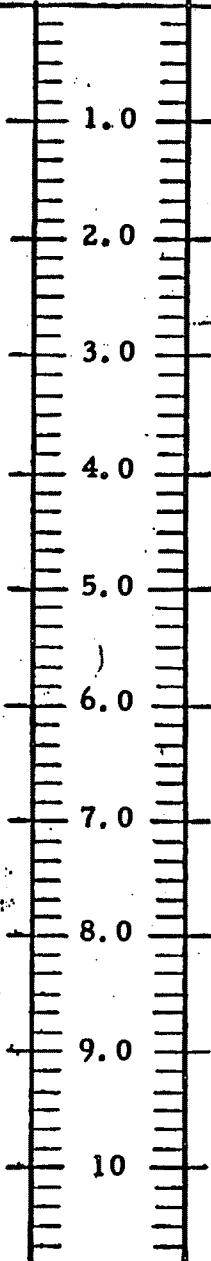
e = void ratio

Depth

Sample in feet

M.I. T. Classification

Summary of Test Results



SP
CORAVELLY

SAND

SW

SAND

Hole Depth

10'

SW1628D020

City of Anchorage
Office of the City Engineer
Soils Laboratory
Field Auger Log

Contract Number
District

Hole Number 12

Location 32ND 16750

Top Elevation EXISTING GROUND

w=water content

$D_{20} = 20\%$ Diameter

$\phi = \frac{1}{4}$ of int. Friction

k=coef of permeability

c = unit cohesion

e = void ratio

Sample	Depth in feet	M.I.T. Classification	Summary of Test Results
	1.0	SP	
	2.0	GRAVELLY	
	3.0	SAND	
	4.0	SW	
	6.0	SAND	
	10		Hole Depth 10 <u>?</u>

SW1628D021

21

City of Anchorage
Office of the City Engineer
Soils Laboratory
Field Auger Log

Contract Number
District

Hole Number 13

Location 32ND 16+00

Top Elevation EXISTING Grade

w=water content

D₂₀ = 20% Diameter

o = of int. Friction

k=coef of permeability

c = unit cohesion

e = void ratio

Sample	Depth in feet	M.I.T. Classification	Summary of Test Results
	1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0 10	ML BROWN SANDY SILT SW SAND ML GRAY SANDY SILT	Hole Depth 12'

SW1628D022

City of Anchorage
Office of the City Engineer
Soils Laboratory
Field Auger Log

Contract Number
District

Hole Number 14

Location 32ND 15+25

Top Elevation EXISTING GRADE

w=water content

D_{20} = 20% Diameter

ϕ = of int. Friction

k=coef of permeability

c = unit cohesion

e = void ratio

Sample	Depth in feet	M.I.T. Classification	Summary of Test Results
	1.0	CP SANDY GRAVEL	
	2.0	SW	
	3.0		
	4.0		
	5.0	SAND	
	6.0		
	7.0		
	8.0		
	9.0		
	10		

Hole Depth 9.5

SW1628D023

(23)

City of Anchorage
Office of the City Engineer
Soils Laboratory
Field Auger Log

Contract Number
District

Hole Number

Location. 32ND 14+50

Top Elevation

EXISTING GRADE

w=water content

D₂₀ = 20% Diameter

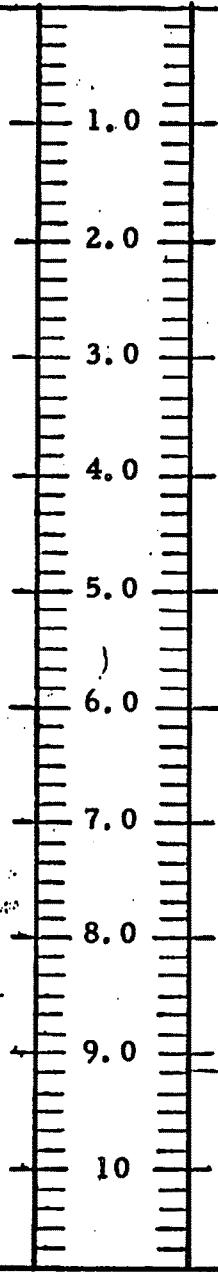
ϕ = \tan^{-1} of int. Friction

k=coef of permeability

c = unit cohesion

e = void ratio

Depth	M.I.T. Classification	Summary of Test Results
Sample in feet		



GP
GRAVELLY
SAND

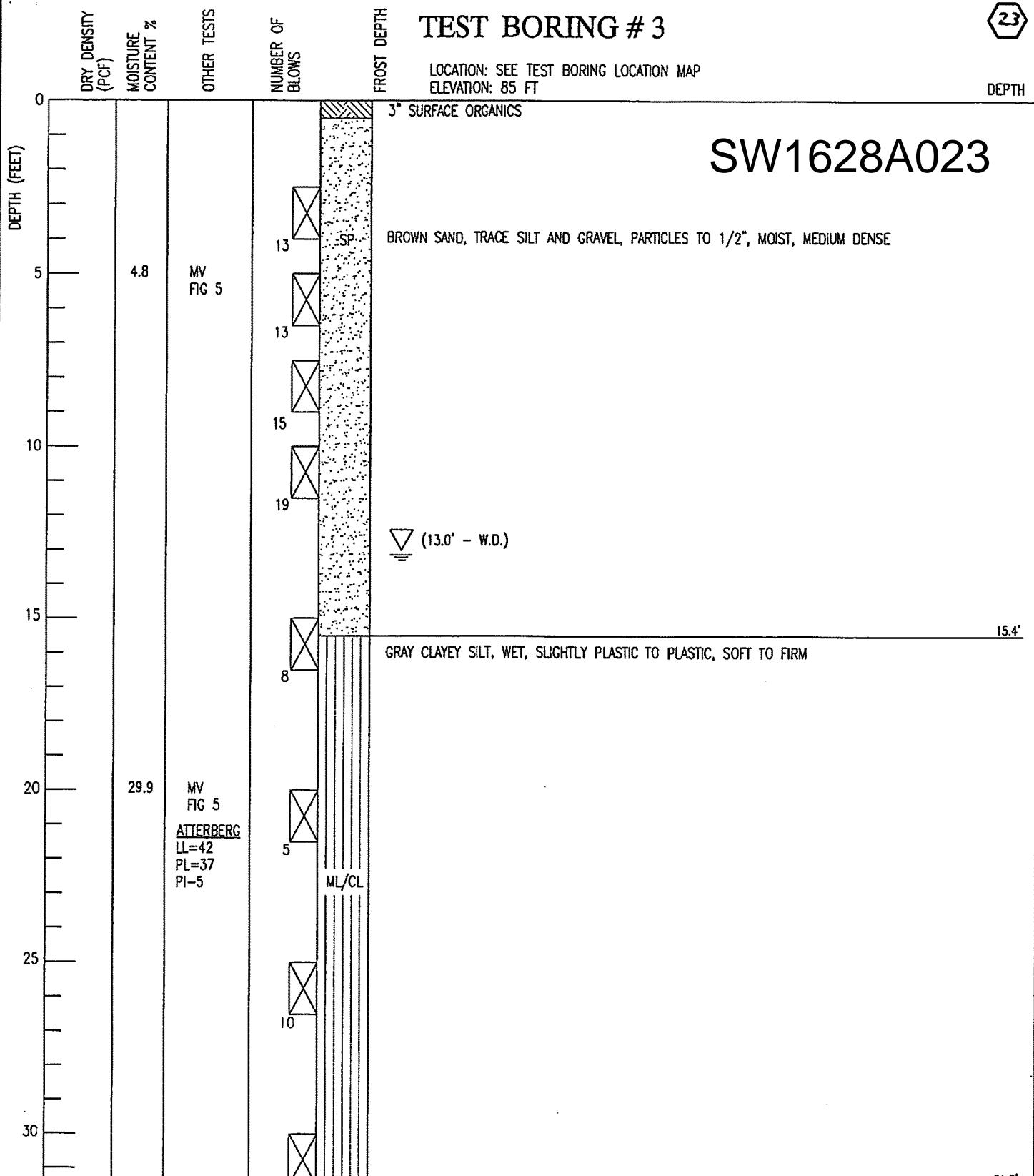
ML GRAY
SANDY SILT

Hole Depth 10 0

TEST BORING # 3

LOCATION: SEE TEST BORING LOCATION MAP
ELEVATION: 85 FT

DEPTH



LL = LIQUID LIMIT
PL = PLASTIC LIMIT
PI = PLASTIC INDEX

PP = POCKET PENETROMETER (TSF)
MA = MECHANICAL ANALYSIS
MV = MOISTURE/VISUAL

= GRAB SAMPLE
 = SPT SAMPLE
 = SPOON SAMPLE
SPOON SIZE: 3" I.D.
WEIGHT: 340 #

ENTERPRISE

ENGINEERING, INC.
2525 GAMBELL STREET
SUITE 200
ANCHORAGE, AK 99503
TEL (907) 563-3835
FAX (907) 563-3817

PROJECT: BENSON BUILDING
EEI PROJECT NUMBER: 7872
CLIENT: SIMPSON ASSOCIATES, INC.
LOGGED BY: DLK
CONTRACTOR: DISCOVERY DRILLING
EQUIPMENT: CME 75
TESTBORING COMPLETED: 11/25/2013

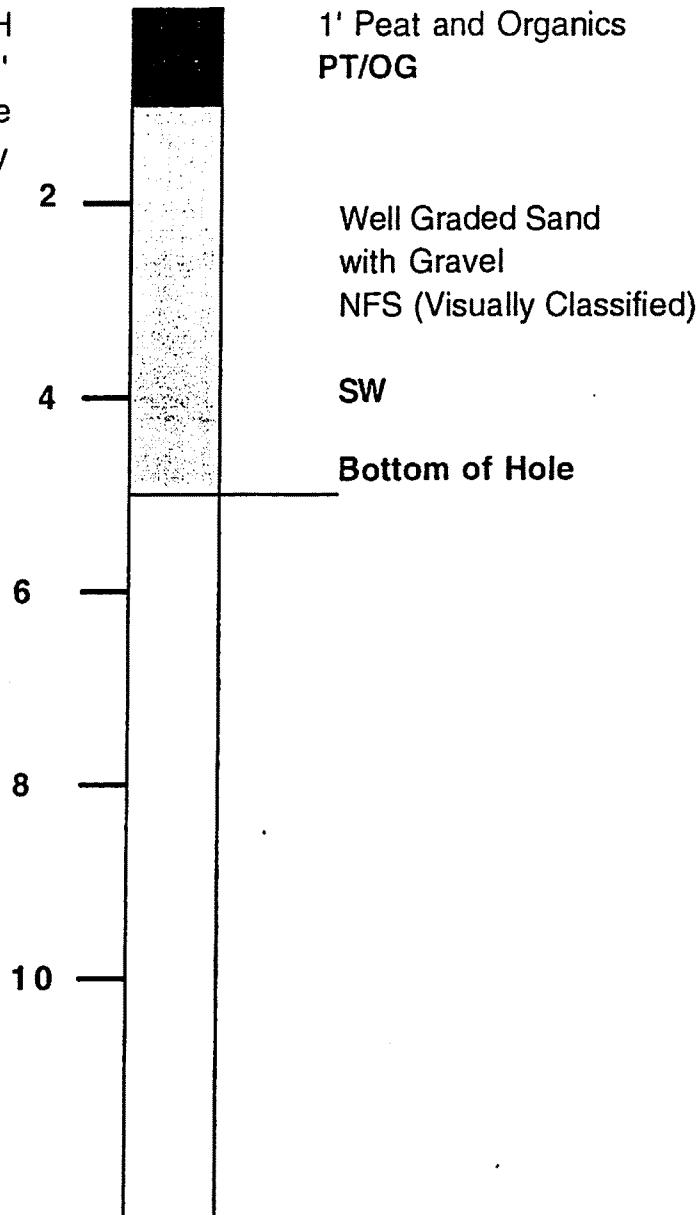
FIGURE: 4

SW1628B010

TESTHOLE NO. 5

LOCATION : Lot 1, WKMH
Subdivision Approximately 200'
South of North Property Line
and 30' East of West Property
Line.

DATE: March 20, 2002



LOT 1, WKMH
SUBDIVISION

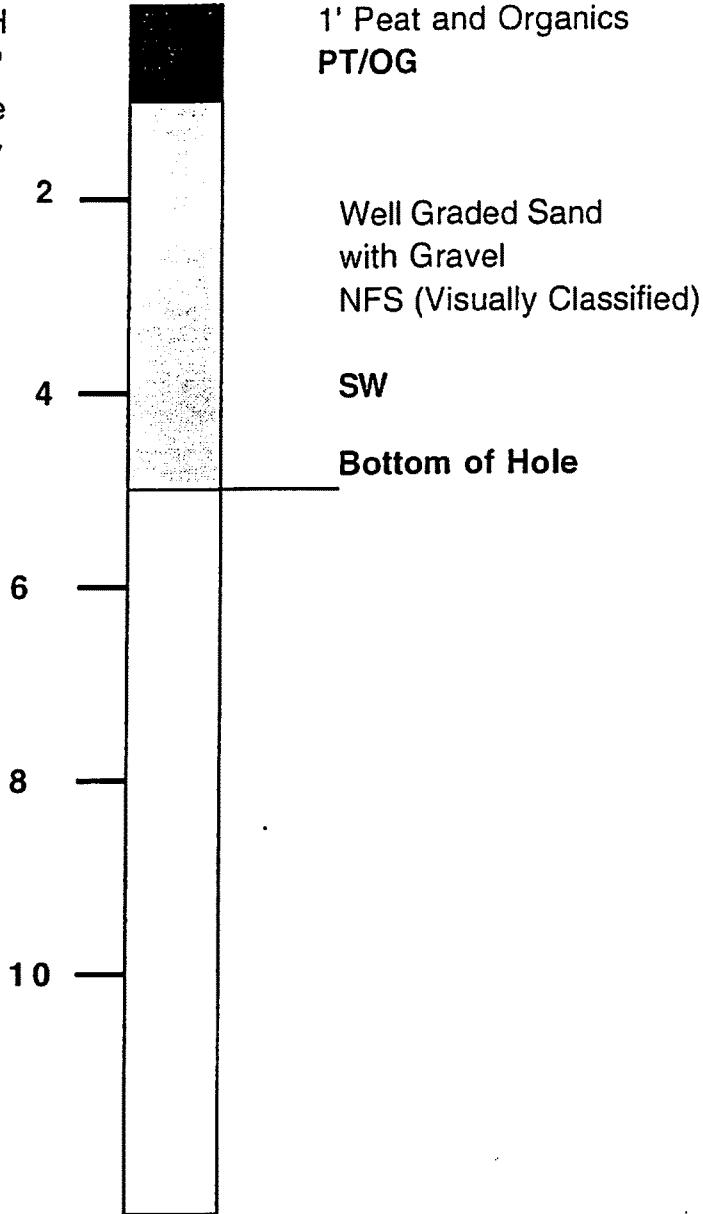
SW1628B011

TESTHOLE NO. 6

LOCATION : Lot 1, WKMH
Subdivision Approximately 230'
South of North Property Line
and 130' East of West Property
Line.

DATE: March 20, 2002

No Groundwater
Encountered



**LOT 1, WKMH
SUBDIVISION**

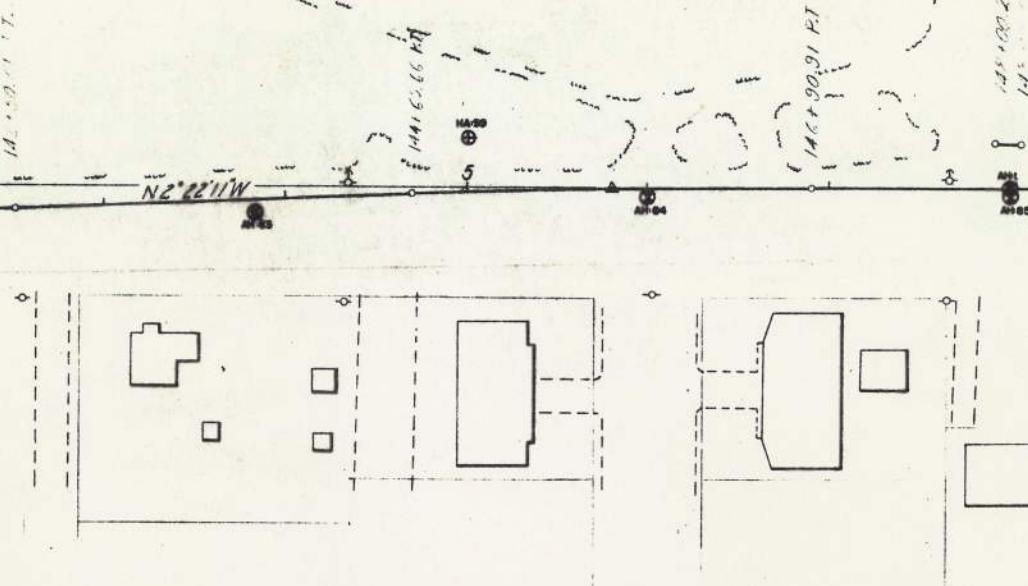
PLAN	SURVEYED GRAPHIC CALCULATED NOTE BOOK NO.	DRAWN PLOTTED ALIGNED/1 CHECKED RT OF WAY CHECKED	BY DATE
			0-65

Sta 142+00 Match Line

142

142 + 02 11 T.

142 145 + 6.37
142 142 + 45 RT
142 140
142 132 + 58
142 110 + 84
142 100 + 22



PROFILE	ID	DATE
SURVEYED GRAPHIC CALCULATED NOTE BOOK NO.		

100

90

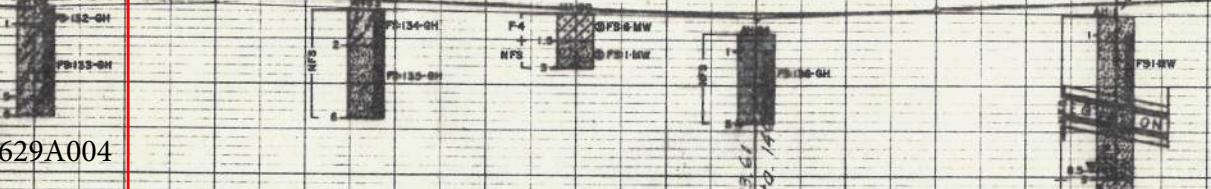
1629A004

-0.42%

200' F.C.

142

145



BERG2 Modeling of Lois Drive & 32nd Ave Road Sections

The current conditions are 0 to 2 feet of silty gravel above well-graded sand with gravel. The sand and gravel interval extends to a minimum depth of 6.5 feet BGS (maximum depth is 10.5 feet BGS). Below the sand and gravel is silt. I assume that the top 2 feet of existing soils will be removed before constructing the road section.

Insulated Section:

- 2 inches of asphalt
 - 2 inches of leveling course
 - 16 inches of MOA Type II-A classified material
 - 2 inches of rigid board insulation (R4.5 per inch minimum)
 - 6 inches of MOA Type II classified material
 - Separation geotextile
 - Subgrade (native sand and gravel)

Total section thickness: 28 inches (2.33 feet)

Minimum depth to unsuitable soils, including constructed section: 6.83 feet (This brings the road surface to about 4 inches above OG. Minimum thickness of the native sands and gravels is 4.5 feet)

Modeled frost depth: **4.63 feet** – freezing does not reach silt

BERG2 Results: All program defaults were used, except the moisture content of the gravel was increased to 6% for all gravel layers.

LOCATION	THAW N	FREZ N	MAAT	THAW	°F DAY	FREZ	°F DAY	THAW DAYS	FREZ DAYS
ANCHORAG	1.70	1.00	35	4000		3200		198	167
				1	—	2	—	3	—
					6.0	0.0	6.0	6.0	10.0
					130.0	1.8	130.0	110.0	90.0
					1123	0	1123	950	1296
					26.00	3.00	26.00	22.00	19.80
T C					1.58	0.02	1.58	0.82	0.45
H Y					6.0	0.0	6.0	6.0	10.0
A C					130.0	1.8	130.0	110.0	90.0
W L					29.90	3.00	29.90	25.30	24.30
E					1.57	0.02	1.57	0.99	0.46
					1.50	0.17	0.50	4.50	3.00
					1.50	0.17	0.50	4.50	1.02
					—	—	—	—	—
					1.50	0.17	0.50	4.50	3.00
F C	LATENT HEAT	0	1123	0	1123	950	1296		
R Y	FROZEN DENS.	138.0	130.0	1.8	130.0	110.0	90.0		
E C	FROZEN HEAT CAP	28.00	26.00	3.00	26.00	22.00	19.80		
E L	FROZEN COND.	0.86	1.58	0.02	1.58	0.82	0.45		
Z E	INITIAL THICK	0.17	1.50	0.17	0.50	4.50	3.00		
E	AMOUNT FROZEN	0.17	1.50	0.17	0.50	2.29	0.00		

Location Data:

```
vDos - Initial test
FAIRBANKS          ANCHORAGE        JUNEAU           MCKINLEY PARK
NORTHWAY          DILLINGHAM      POINT BARROW    BETHEL
KOTZEBUE          GULKANA         CENTRAL        USER INPUT

LOCATION NAME..... ANCHORAGE
THAW N FACTOR..... 1.7
FREEZE N FACTOR.... 1
DESIGN AIR THAWING INDEX °DAYS..... 4000
DESIGN AIR FREEZING INDEX °DAYS..... 3200
MEAN AIR THAWING INDEX °DAYS..... 3500
MEAN AIR FREEZING INDEX °DAYS..... 2300
MEAN ANNUAL AIR TEMP. °F..... 35.3
AMPL. OF AIR TEMP. SINE WAVE..... 24.7

DESIGN SURFACE THAWING INDEX °DAYS..... 6800
DESIGN SURFACE FREEZING INDEX °DAYS..... 3200
MEAN SURFACE THAWING INDEX °DAYS..... 5950
MEAN SURFACE FREEZING INDEX °DAYS..... 2300
MEAN ANNUAL SURFACE TEMP. °F..... 42
AMPL. OF SURFACE TEMP. SINE WAVE..... 34

THAW SEASON   FREEZE SEASON
LENGTH       LENGTH
AIR          198          167
SURF         217.2        147.8

INPUT FIRST LETTER OF DESIRED LOCATION
OR USE CURSOR CONTROL KEYS TO MOVE CURSOR AND CHANGE DATA

F1-COLOR F2-SAVE F3-LOAD F4-DISK      S-SOILS R-RUN L-NEW SCREEN Q-QUIT
```

Soil Layer Data:

Layer	Material	Thickness (in)	Thickness (ft)	Notes
L1	Asphalt	2	0.17	All default values
L2	Gravel	18	1.5	Includes 2" leveling course and 16" fill; MC increased to 6%
L3	Insulation	2	0.17	All default values
L4	Gravel	6	0.5	MC increased to 6%
L5	Sand		4.5	Native soils; All default values
L6	Silt		3	Native soils; All default values

LAYER NUMBER 1 OF 6

1:GRAVEL 2:SAND 3:SILT 4:ASPHALT 5:CONCRETE 6:INSULATION 7:USER MATERIAL

MATERIAL NUMBER..... 4
THICKNESS OF LAYER (FT)..... .17
.....THAW CYCLE.....
FROZEN % MOISTURE..... 0
FROZEN DENSITY OF LAYER (LB/FT^3)..... 138
FROZEN HEAT CAPACITY (BTU/FT^3·F°)..... 28
FROZEN CONDUCTIVITY (BTU/FT·HR·F°)..... .86
LATENT HEAT (BTU/FT^3)..... 0
THAWED % MOISTURE..... 0
THAWED DENSITY OF LAYER (LB/FT^3)..... 138
THAWED HEAT CAPACITY (BTU/FT^3·F°)..... 28
THAWED CONDUCTIVITY (BTU/FT·HR·F°)..... .86
.....FREEZE CYCLE.....
LATENT HEAT OF FUSION (BTU/FT^3)..... 0
FROZEN DENSITY (LB/FT^3)..... 138
FROZEN HEAT CAPACITY (BTU/FT^3·F°)..... 28
FROZEN CONDUCTIVITY (BTU/FT·HR·F°)..... .86

USE F1 - F8 TO SELECT A LAYER #, USE F10 TO SET TOTAL # OF LAYERS = LAYER #
OR MOVE CURSOR TO MODIFY DATA L-LOCATION R-RUN Q-QUIT

LAYER NUMBER 2 OF 6

1:GRAVEL 2:SAND 3:SILT 4:ASPHALT 5:CONCRETE 6:INSULATION 7:USER MATERIAL

MATERIAL NUMBER..... 1
THICKNESS OF LAYER (FT)..... 1.5
.....THAW CYCLE.....
FROZEN % MOISTURE..... 6
FROZEN DENSITY OF LAYER (LB/FT^3)..... 130
FROZEN HEAT CAPACITY (BTU/FT^3·F°)..... 26
FROZEN CONDUCTIVITY (BTU/FT·HR·F°)..... 1.58
LATENT HEAT (BTU/FT^3)..... 1123
THAWED % MOISTURE..... 6
THAWED DENSITY OF LAYER (LB/FT^3)..... 130
THAWED HEAT CAPACITY (BTU/FT^3·F°)..... 29.9
THAWED CONDUCTIVITY (BTU/FT·HR·F°)..... 1.57
.....FREEZE CYCLE.....
LATENT HEAT OF FUSION (BTU/FT^3)..... 1123
FROZEN DENSITY (LB/FT^3)..... 130
FROZEN HEAT CAPACITY (BTU/FT^3·F°)..... 26
FROZEN CONDUCTIVITY (BTU/FT·HR·F°)..... 1.58

USE F1 - F8 TO SELECT A LAYER #, USE F10 TO SET TOTAL # OF LAYERS = LAYER #
OR MOVE CURSOR TO MODIFY DATA L-LOCATION R-RUN Q-QUIT

LAYER NUMBER 3 OF 6

1:GRAVEL 2:SAND 3:SILT 4:ASPHALT 5:CONCRETE 6:INSULATION 7:USER MATERIAL

MATERIAL NUMBER..... 6
THICKNESS OF LAYER (FT)..... .17
.....THAW CYCLE.....
FROZEN % MOISTURE..... 0
FROZEN DENSITY OF LAYER (LB/FT^3)..... 1.8
FROZEN HEAT CAPACITY (BTU/FT^3·F°)..... 3
FROZEN CONDUCTIVITY (BTU/FT·HR·F°)..... .02
LATENT HEAT (BTU/FT^3)..... 0
THAWED % MOISTURE..... 0
THAWED DENSITY OF LAYER (LB/FT^3)..... 1.8
THAWED HEAT CAPACITY (BTU/FT^3·F°)..... 3
THAWED CONDUCTIVITY (BTU/FT·HR·F°)..... .02
.....FREEZE CYCLE.....
LATENT HEAT OF FUSION (BTU/FT^3)..... 0
FROZEN DENSITY (LB/FT^3)..... 1.8
FROZEN HEAT CAPACITY (BTU/FT^3·F°)..... 3
FROZEN CONDUCTIVITY (BTU/FT·HR·F°)..... .02

USE F1 - F8 TO SELECT A LAYER #, USE F10 TO SET TOTAL # OF LAYERS = LAYER #
OR MOVE CURSOR TO MODIFY DATA L-LOCATION R-RUN Q-QUIT

LAYER NUMBER 4 OF 6

1:GRAVEL 2:SAND 3:SILT 4:ASPHALT 5:CONCRETE 6:INSULATION 7:USER MATERIAL

MATERIAL NUMBER..... 1
THICKNESS OF LAYER (FT)..... .5
.....THAW CYCLE.....
FROZEN % MOISTURE..... 6
FROZEN DENSITY OF LAYER (LB/FT^3)..... 130
FROZEN HEAT CAPACITY (BTU/FT^3·F°)..... 26
FROZEN CONDUCTIVITY (BTU/FT·HR·F°)..... 1.58
LATENT HEAT (BTU/FT^3)..... 1123
THAWED % MOISTURE..... 6
THAWED DENSITY OF LAYER (LB/FT^3)..... 130
THAWED HEAT CAPACITY (BTU/FT^3·F°)..... 29.9
THAWED CONDUCTIVITY (BTU/FT·HR·F°)..... 1.57
.....FREEZE CYCLE.....
LATENT HEAT OF FUSION (BTU/FT^3)..... 1123
FROZEN DENSITY (LB/FT^3)..... 130
FROZEN HEAT CAPACITY (BTU/FT^3·F°)..... 26
FROZEN CONDUCTIVITY (BTU/FT·HR·F°)..... 1.58

USE F1 - F8 TO SELECT A LAYER #, USE F10 TO SET TOTAL # OF LAYERS = LAYER #
OR MOVE CURSOR TO MODIFY DATA L-LOCATION R-RUN Q-QUIT

LAYER NUMBER 5 OF 6

1:GRAVEL 2:SAND 3:SILT 4:ASPHALT 5:CONCRETE 6:INSULATION 7:USER MATERIAL

MATERIAL NUMBER..... 2
THICKNESS OF LAYER (FT)..... 4.5
.....THAW CYCLE.....
FROZEN % MOISTURE..... 6
FROZEN DENSITY OF LAYER (LB/FT^3)..... 110
FROZEN HEAT CAPACITY (BTU/FT^3·F°)..... 22
FROZEN CONDUCTIVITY (BTU/FT·HR·F°)..... .82
LATENT HEAT (BTU/FT^3)..... 950
THAWED % MOISTURE..... 6
THAWED DENSITY OF LAYER (LB/FT^3)..... 110
THAWED HEAT CAPACITY (BTU/FT^3·F°)..... 25.3
THAWED CONDUCTIVITY (BTU/FT·HR·F°)..... .99
.....FREEZE CYCLE.....
LATENT HEAT OF FUSION (BTU/FT^3)..... 950
FROZEN DENSITY (LB/FT^3)..... 110
FROZEN HEAT CAPACITY (BTU/FT^3·F°)..... 22
FROZEN CONDUCTIVITY (BTU/FT·HR·F°)..... .82

USE F1 - F8 TO SELECT A LAYER #, USE F10 TO SET TOTAL # OF LAYERS = LAYER #
OR MOVE CURSOR TO MODIFY DATA L-LOCATION R-RUN Q-QUIT

LAYER NUMBER 6 OF 6

1:GRAVEL 2:SAND 3:SILT 4:ASPHALT 5:CONCRETE 6:INSULATION 7:USER MATERIAL

MATERIAL NUMBER..... 3
THICKNESS OF LAYER (FT)..... 3
.....THAW CYCLE.....
FROZEN % MOISTURE..... 10
FROZEN DENSITY OF LAYER (LB/FT^3)..... 90
FROZEN HEAT CAPACITY (BTU/FT^3·F°)..... 19.8
FROZEN CONDUCTIVITY (BTU/FT·HR·F°)..... .45
LATENT HEAT (BTU/FT^3)..... 1296
THAWED % MOISTURE..... 10
THAWED DENSITY OF LAYER (LB/FT^3)..... 90
THAWED HEAT CAPACITY (BTU/FT^3·F°)..... 24.3
THAWED CONDUCTIVITY (BTU/FT·HR·F°)..... .46
.....FREEZE CYCLE.....
LATENT HEAT OF FUSION (BTU/FT^3)..... 1296
FROZEN DENSITY (LB/FT^3)..... 90
FROZEN HEAT CAPACITY (BTU/FT^3·F°)..... 19.8
FROZEN CONDUCTIVITY (BTU/FT·HR·F°)..... .45

USE F1 - F8 TO SELECT A LAYER #, USE F10 TO SET TOTAL # OF LAYERS = LAYER #
OR MOVE CURSOR TO MODIFY DATA L-LOCATION R-RUN Q-QUIT