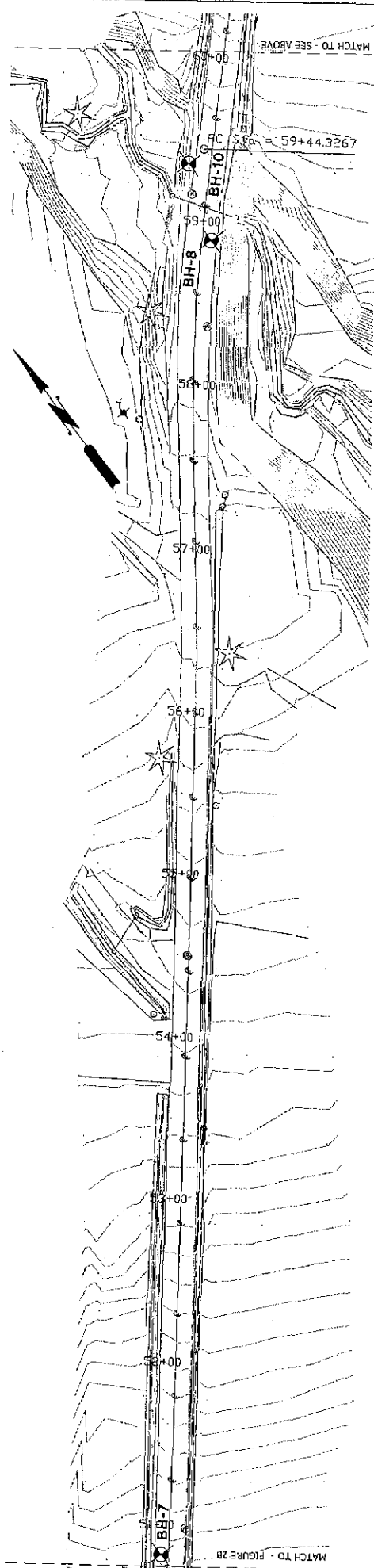
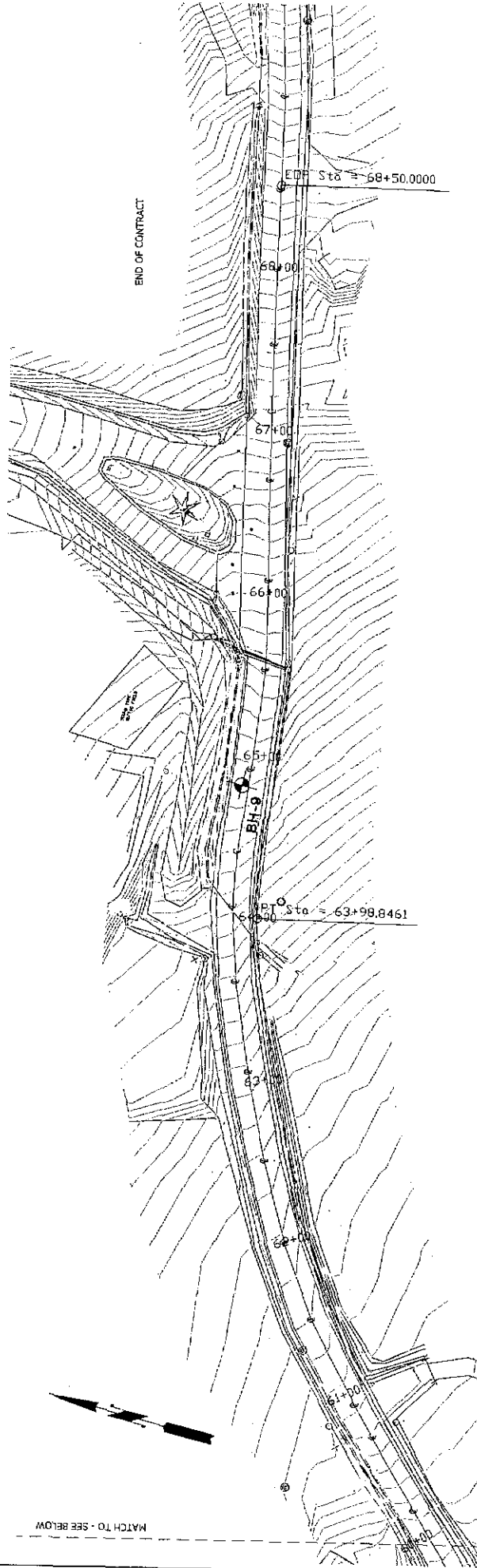


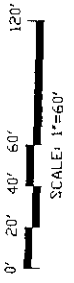
APPENDIX C
Geotechnical Reports



LEGEND



BOREHOLE DESIGNATION AND APPROXIMATE LOCATION



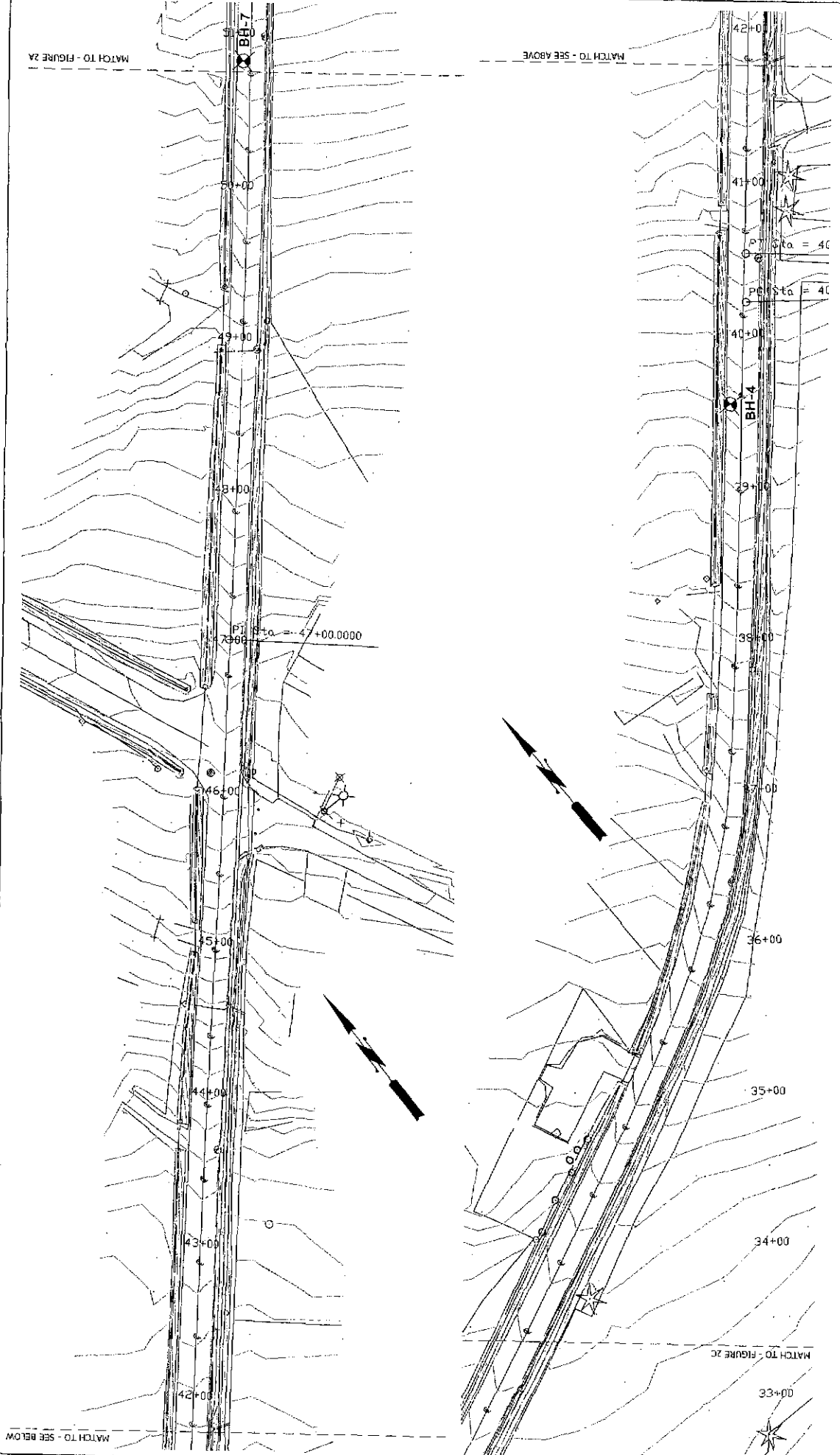
HWA GEOSCIENCES INC.

HELMICK ROAD IMPROVEMENT
SKAGIT COUNTY, WASHINGTON

SITE AND
EXPLOITATION
PLAN

DESIGNED BY: SM
CHECKED BY: SHH
DATE: 07.19.02
PROJECT NO: 2002079

2-A



LEGEND

BH-1 BOREHOLE DESIGNATION AND APPROXIMATE LOCATION

0' 20' 40' 60' 120'

SCALE: 1"=60'

2-B

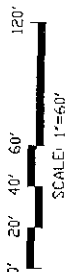
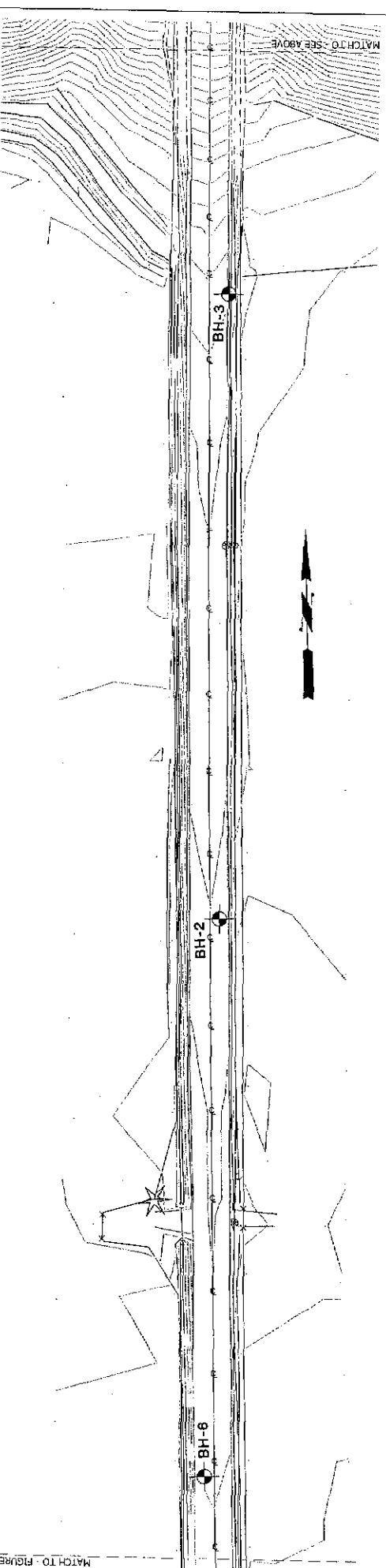
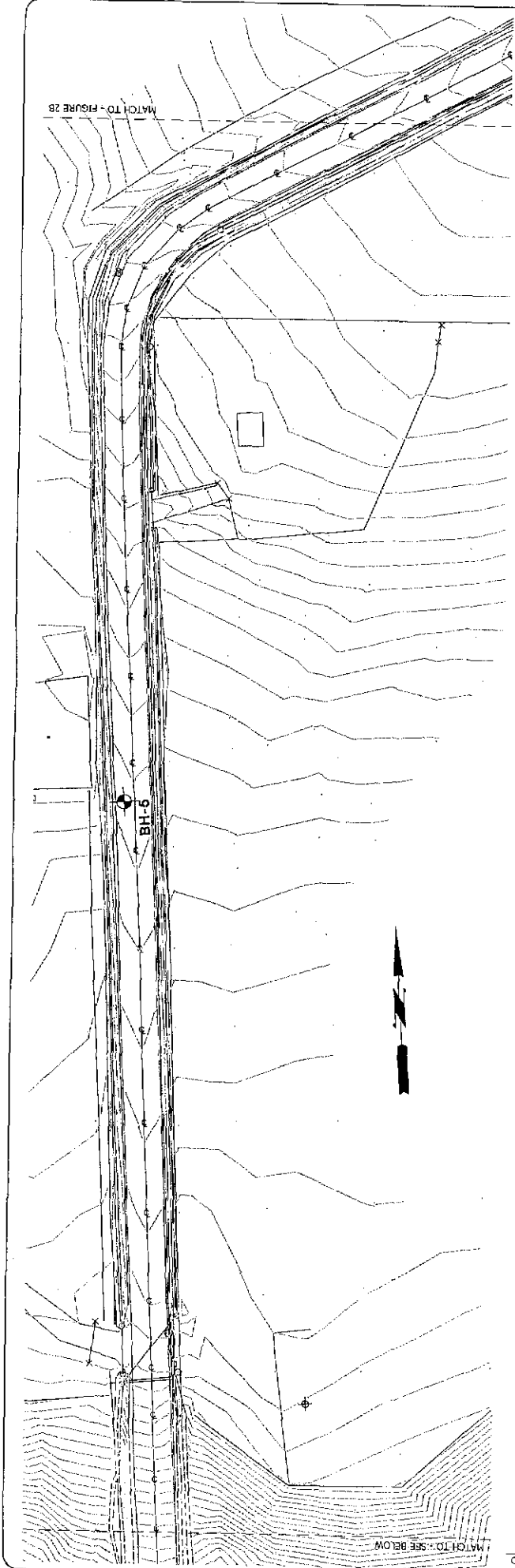
DATE: 07.19.02 PROJECT NO.: 2002079

DESIGNED BY: SM CHECKED BY: SHH

SITE AND EXPLOITATION PLAN

HELMICK ROAD IMPROVEMENT SKAGIT COUNTY, WASHINGTON

HWA
HWA GEOSCIENCES INC.



LEGEND
 BH-1 BOREHOLE DESIGNATION AND APPROXIMATE LOCATION



HELMICK ROAD IMPROVEMENT
 SKAGIT COUNTY, WASHINGTON

SITE AND
 EXPLOitation
 PLAN

DATE 07.19.02
 PROJECT NO. 2002079

2-C

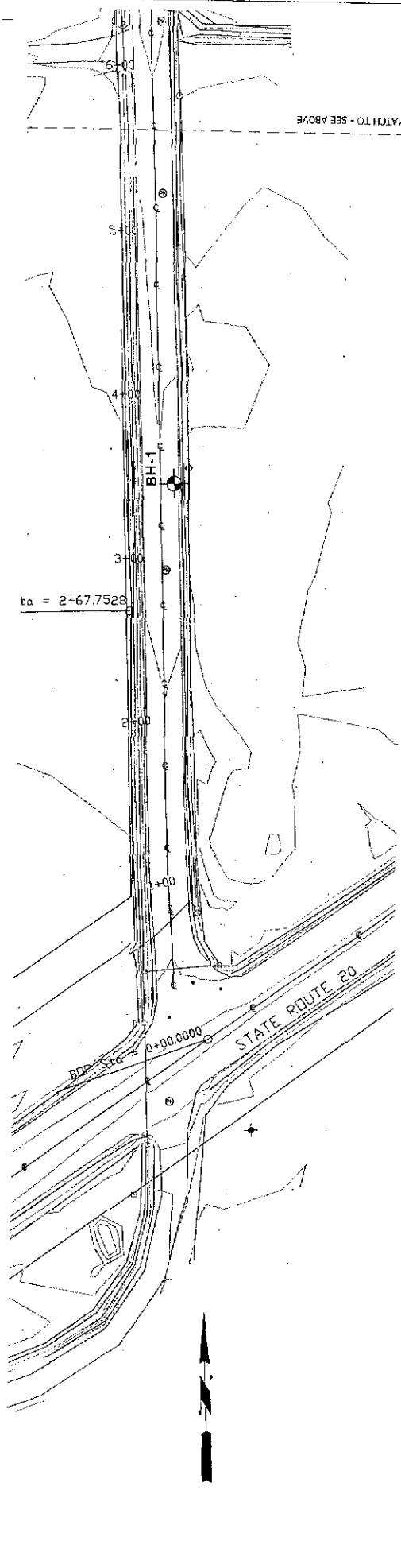
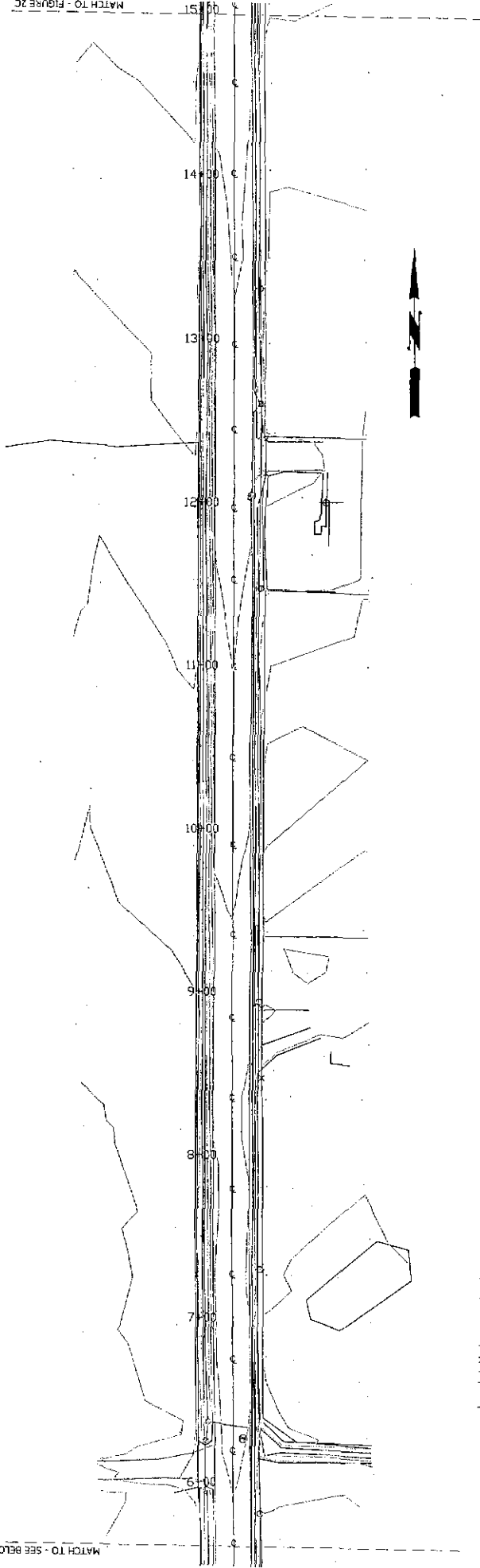
DATE 07.19.02
 PROJECT NO. 2002079

MATCH TO - SEE ABOVE

MATCH TO - SEE BELOW

MATCH TO - FIGURE 2B

MATCH TO - SEE BELOW



LEGEND

BH-1

BOREHOLE DESIGNATION AND APPROXIMATE LOCATION



HWAGEOSCIENCES INC.

HELMICK ROAD IMPROVEMENT
SKAGIT COUNTY, WASHINGTON

SITE AND
EXPLOITATION
PLAN

DRAWN BY: SM

CHECKED BY: SJH

DATE

07.19.02

PROJECT NO.

2002079

2-D

RELATIVE DENSITY OR CONSISTENCY VERSUS SPT N-VALUE

COHESIONLESS SOILS			COHESIVE SOILS		
Density	N (blows/ft)	Approximate Relative Density(%)	Consistency	N (blows/ft)	Approximate Undrained Shear Strength (psf)
Very Loose	0 to 4	0 - 15	Very Soft	0 to 2	<250
Loose	4 to 10	15 - 35	Soft	2 to 4	250 - 500
Medium Dense	10 to 30	35 - 65	Medium Stiff	4 to 8	500 - 1000
Dense	30 to 50	65 - 85	Stiff	8 to 15	1000 - 2000
Very Dense	over 50	85 - 100	Very Stiff	15 to 30	2000 - 4000
			Hard	over 30	>4000

USCS SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS			GROUP DESCRIPTIONS		
Coarse Grained Soils	Gravel and Gravely Soils	Clean Gravel (little or no fines)		GW Well-graded GRAVEL	
		Gravel with Fines (appreciable amount of fines)		GP Poorly-graded GRAVEL	
	More than 50% of Coarse Fraction Retained on No. 4 Sieve	Clean Sand (little or no fines)		GM Silty GRAVEL	
				GC Clayey GRAVEL	
		Sand and Sandy Soils	Clean Sand (little or no fines)		SW Well-graded SAND
					SP Poorly-graded SAND
More than 50% Retained on No. 200 Sieve Size	50% or More of Coarse Fraction Passing No. 4 Sieve	Sand with Fines (appreciable amount of fines)		SM Silty SAND	
				SC Clayey SAND	
				ML SILT	
Fine Grained Soils	Silt and Clay	Liquid Limit Less than 50%		CL Lean CLAY	
				OL Organic SILT/Organic CLAY	
	50% or More Passing No. 200 Sieve Size	Silt and Clay	Liquid Limit 50% or More		MH Elastic SILT
					CH Fat CLAY
					OH Organic SILT/Organic CLAY
					PT PEAT
Highly Organic Soils					

TEST SYMBOLS

%F	Percent Fines
AL	Atterberg Limits: PL = Plastic Limit LL = Liquid Limit
CBR	California Bearing Ratio
CN	Consolidation
DD	Dry Density (pcf)
DS	Direct Shear
GS	Grain Size Distribution
K	Permeability
MD	Moisture/Density Relationship (Proctor)
MR	Resilient Modulus
PID	Photoionization Device Reading
PP	Pocket Penetrometer Approx. Compressive Strength (tsf)
SG	Specific Gravity
TC	Triaxial Compression
TV	Torvane Approx. Shear Strength (tsf)
UC	Unconfined Compression

SAMPLE TYPE SYMBOLS

	2.0" OD Split Spoon (SPT) (140 lb. hammer with 30 in. drop)
	Shelby Tube
	3-1/4" OD Split Spoon with Brass Rings
	Small Bag Sample
	Large Bag (Bulk) Sample
	Core Run
	Non-standard Penetration Test (3.0" OD split spoon)

GROUNDWATER SYMBOLS

	Groundwater Level (measured at time of drilling)
	Groundwater Level (measured in well or open hole after water level stabilized)

COMPONENT DEFINITIONS

COMPONENT	SIZE RANGE
Boulders	Larger than 12 in
Cobbles	3 in to 12 in
Gravel	3 in to No 4 (4.5mm)
Coarse gravel	3 in to 3/4 in
Fine gravel	3/4 in to No 4 (4.5mm)
Sand	No. 4 (4.5 mm) to No. 200 (0.074 mm)
Coarse sand	No. 4 (4.5 mm) to No. 10 (2.0 mm)
Medium sand	No. 10 (2.0 mm) to No. 40 (0.42 mm)
Fine sand	No. 40 (0.42 mm) to No. 200 (0.074 mm)
Silt and Clay	Smaller than No. 200 (0.074mm)

COMPONENT PROPORTIONS

PROPORTION RANGE	DESCRIPTIVE TERMS
< 5%	Clean
5 - 12%	Slightly (Clayey, Silty, Sandy)
12 - 30%	Clayey, Silty, Sandy, Gravely
30 - 50%	Very (Clayey, Silty, Sandy, Gravely)
Components are arranged in order of increasing quantities.	

NOTES: Soil classifications presented on exploration logs are based on visual and laboratory observation. Soil descriptions are presented in the following general order:

Density/consistency, color, modifier (if any) GROUP NAME, additions to group name (if any), moisture content, Proportion, gradation, and angularity of constituents, additional comments.
(GEOLOGIC INTERPRETATION)

Please refer to the discussion in the report text as well as the exploration logs for a more complete description of subsurface conditions.

MOISTURE CONTENT

DRY	Absence of moisture, dusty, dry to the touch.
MOIST	Damp but no visible water.
WET	Visible free water, usually soil is below water table.



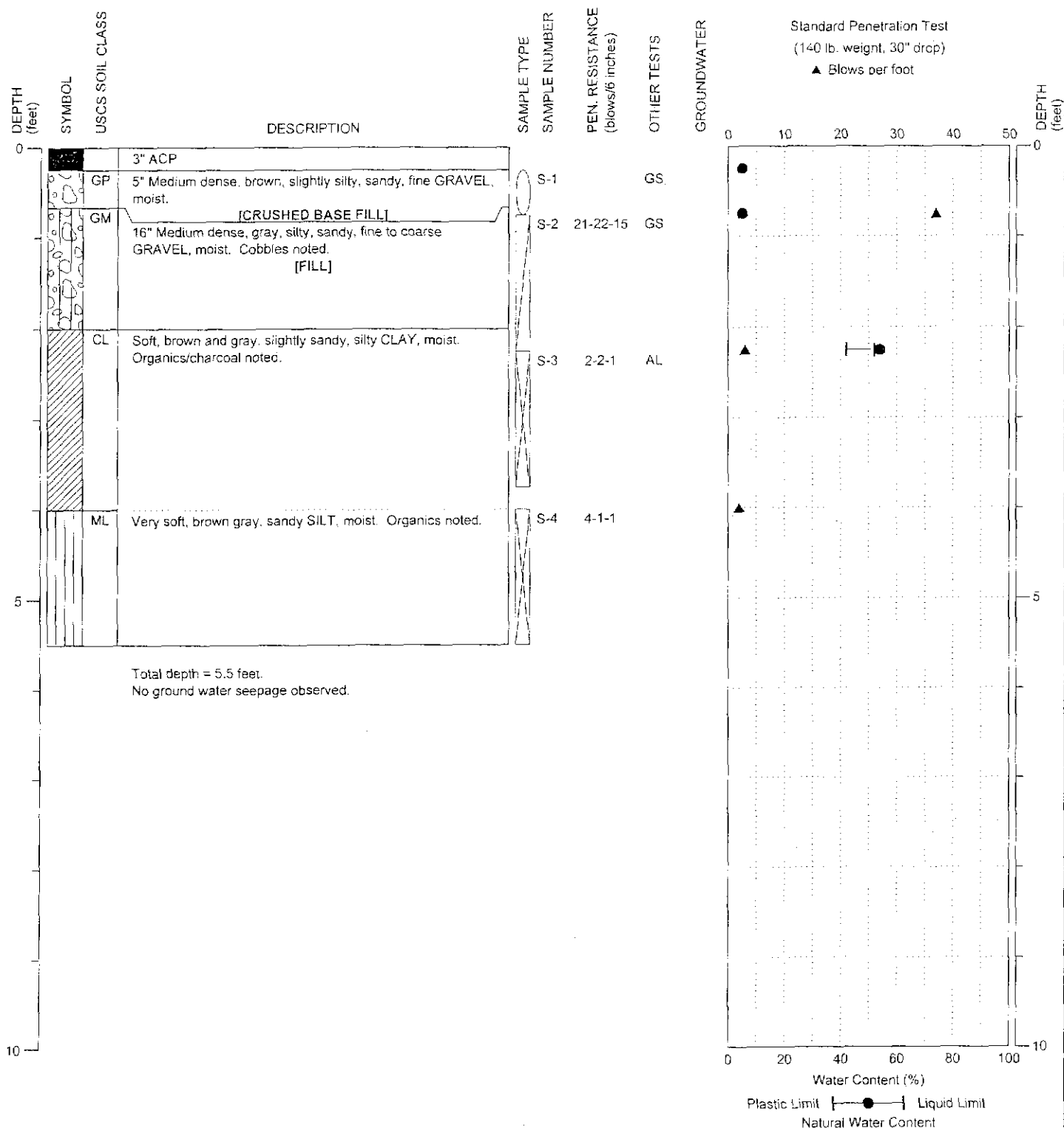
HWA GEOSCIENCES INC.

HELMICK ROAD IMPROVEMENTS
SKAGIT COUNTY, WASHINGTON

LEGEND OF TERMS AND
SYMBOLS USED ON
EXPLORATION LOGS

DRILLING COMPANY: Holocene Drilling
 DRILLING METHOD: Hollow Stem Auger
 SAMPLING METHOD: NSPT/SPT
 SURFACE ELEVATION: ± feet

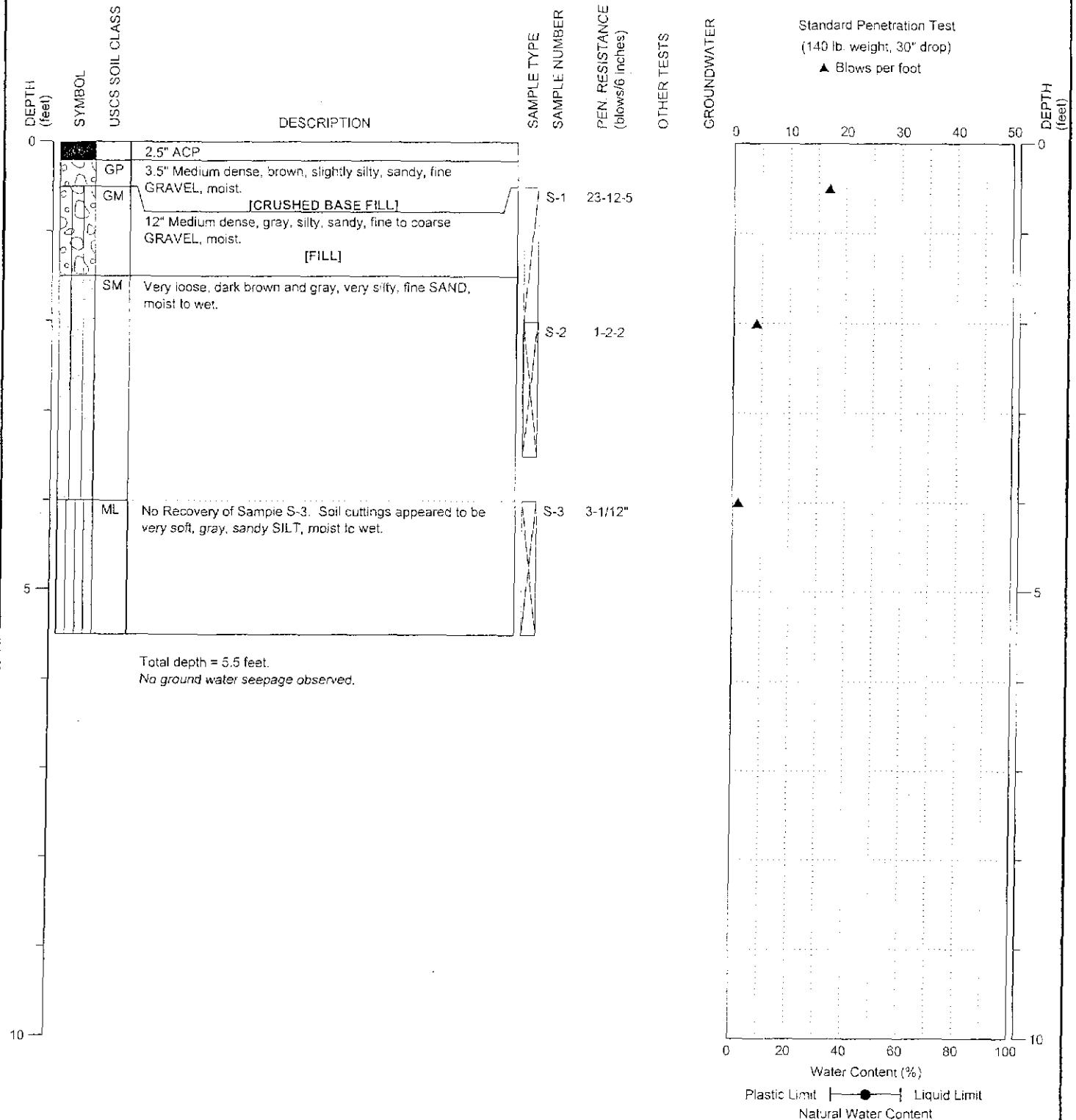
LOCATION: Sta 3+40
 DATE STARTED: 5/13/2002
 DATE COMPLETED: 5/13/2002
 LOGGED BY: B. Hawkins



NOTE: This log of subsurface conditions applies only at the specified location and on the date indicated and therefore may not necessarily be indicative of other times and/or locations.

DRILLING COMPANY: Holocene Drilling
 DRILLING METHOD: Hollow Stem Auger
 SAMPLING METHOD: NSPT/SPT
 SURFACE ELEVATION: ± feet

LOCATION: Sta 18+90
 DATE STARTED: 5/13/2002
 DATE COMPLETED: 5/13/2002
 LOGGED BY: B. Hawkins



NOTE: This log of subsurface conditions applies only at the specified location and on the date indicated and therefore may not necessarily be indicative of other times and/or locations.

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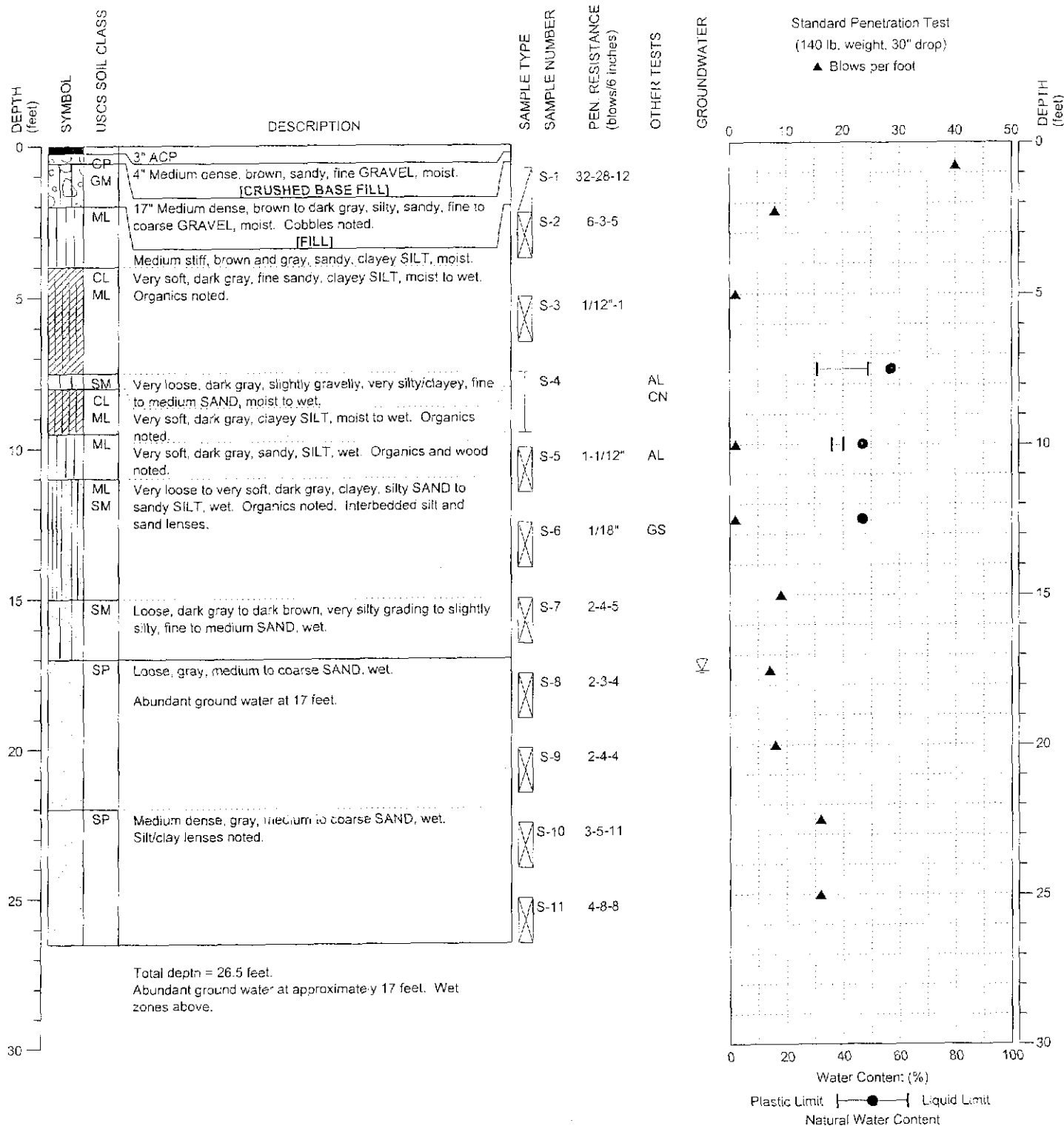
HELMICK ROAD IMPROVEMENTS
 SKAGIT COUNTY, WASHINGTON

BORING:
 BH-2

PAGE: 1 of 1

DRILLING COMPANY: Holocene Drilling
 DRILLING METHOD: Hollow Stem Auger
 SAMPLING METHOD: NSPT/SPT
 SURFACE ELEVATION: ± feet

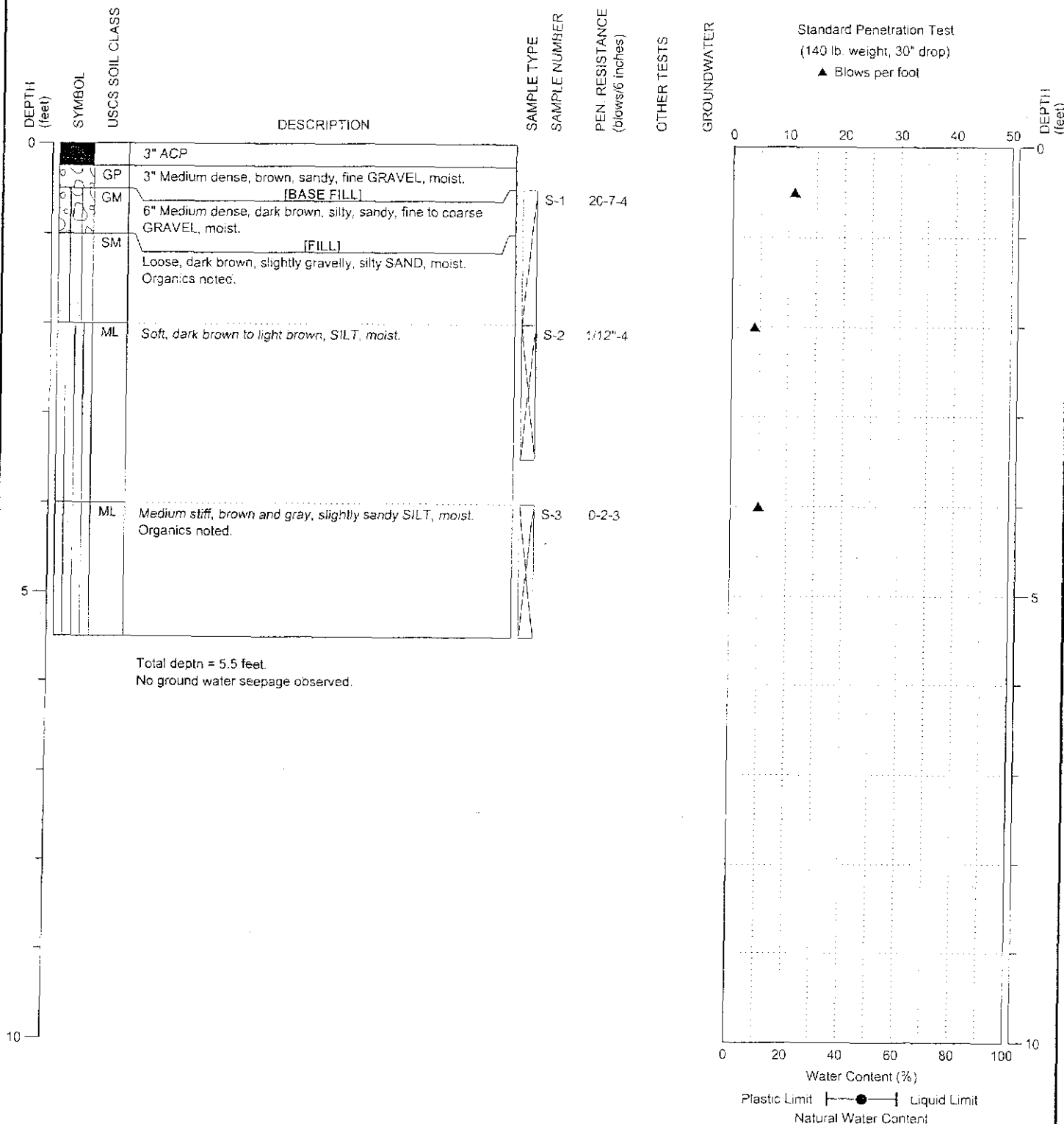
LOCATION: Sta 22+80
 DATE STARTED: 5/13/2002
 DATE COMPLETED: 5/13/2002
 LOGGED BY: B. Hawkins



NOTE: This log of subsurface conditions applies only at the specified location and on the date indicated and therefore may not necessarily be indicative of other times and/or locations.

DRILLING COMPANY: Holocene Drilling
 DRILLING METHOD: Hollow Stem Auger
 SAMPLING METHOD: NSPT/SPT
 SURFACE ELEVATION: ± feet

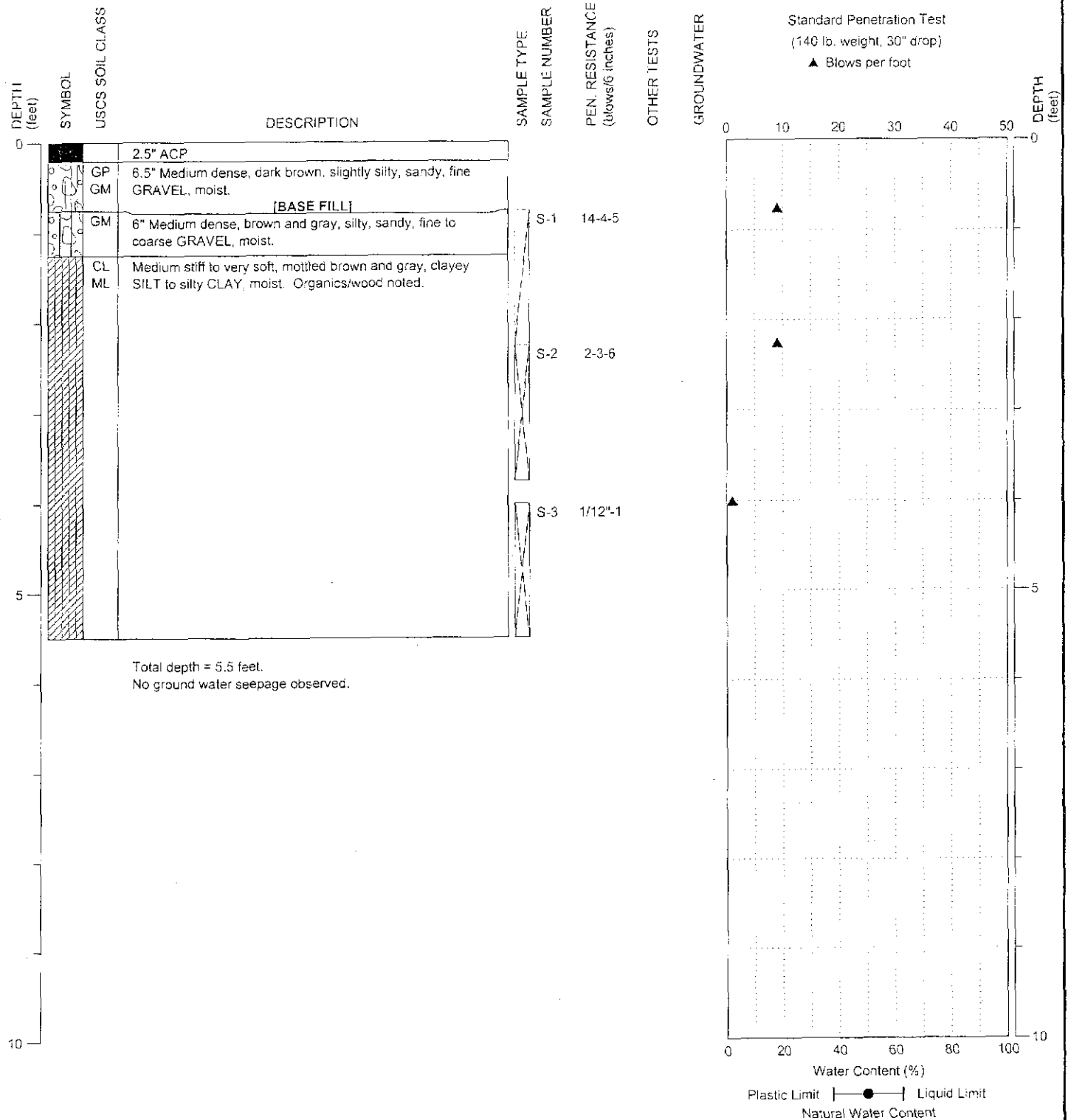
LOCATION: Sta 39+50
 DATE STARTED: 5/13/2002
 DATE COMPLETED: 5/13/2002
 LOGGED BY: B. Hawkins



NOTE: This log of subsurface conditions applies only at the specified location and on the date indicated and therefore may not necessarily be indicative of other times and/or locations.

DRILLING COMPANY: Holocene Drilling
 DRILLING METHOD: Hollow Stem Auger
 SAMPLING METHOD: NSPT/SPT
 SURFACE ELEVATION: ± feet

LOCATION: Sta Sta 28+50
 DATE STARTED: 5/13/2002
 DATE COMPLETED: 5/13/2002
 LOGGED BY: B. Hawkins



NOTE: This log of subsurface conditions applies only at the specified location and on the date indicated and therefore may not necessarily be indicative of other times and/or locations.



HELMICK ROAD IMPROVEMENTS
 SKAGIT COUNTY, WASHINGTON

BORING:
 BH- 5

PAGE: 1 of 1

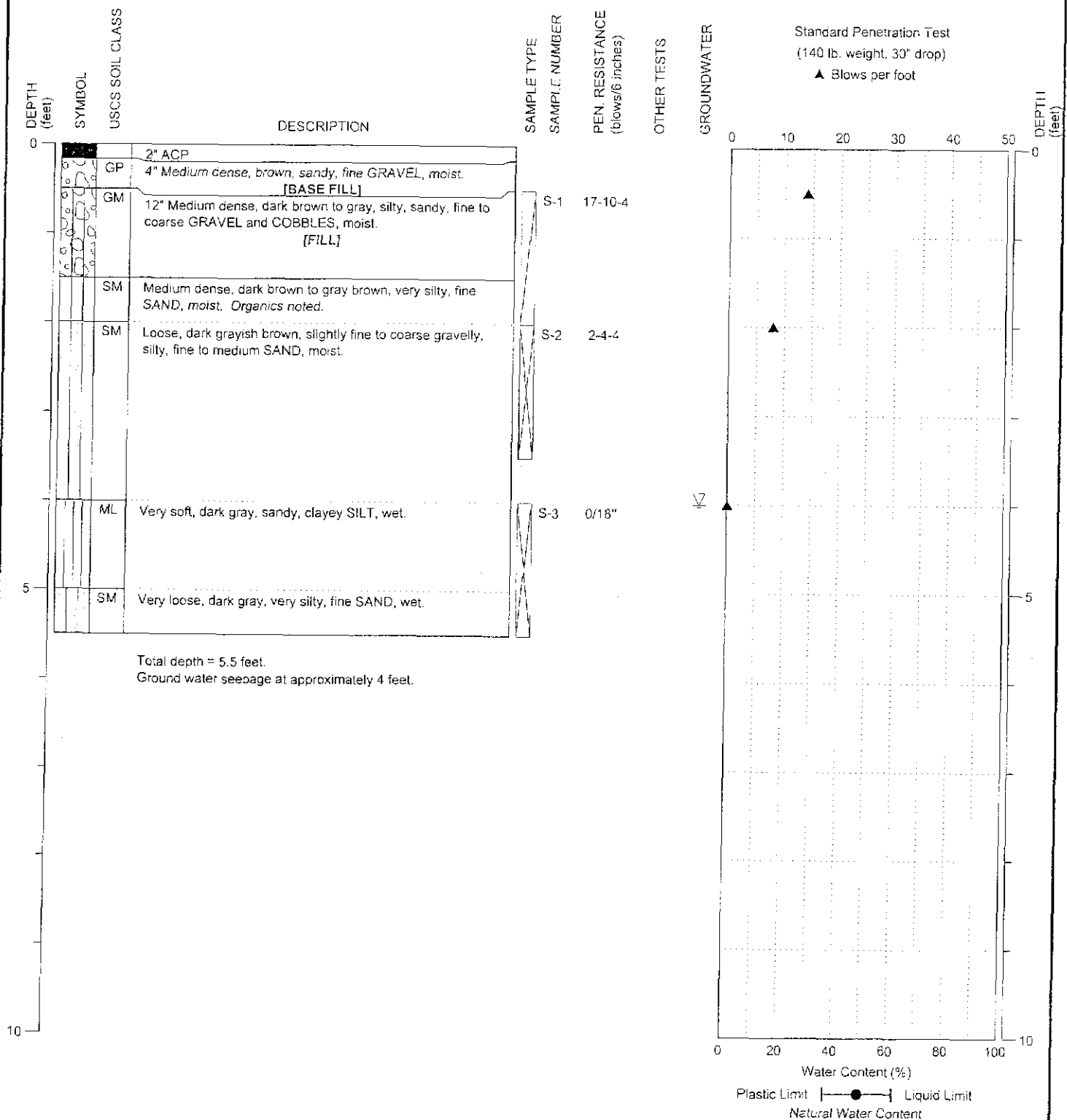
PROJECT NO.: 2002079

FIGURE

A-6

DRILLING COMPANY: Holocene Drilling
 DRILLING METHOD: Hollow Stem Auger
 SAMPLING METHOD: NSPT/SPT
 SURFACE ELEVATION: ± feet

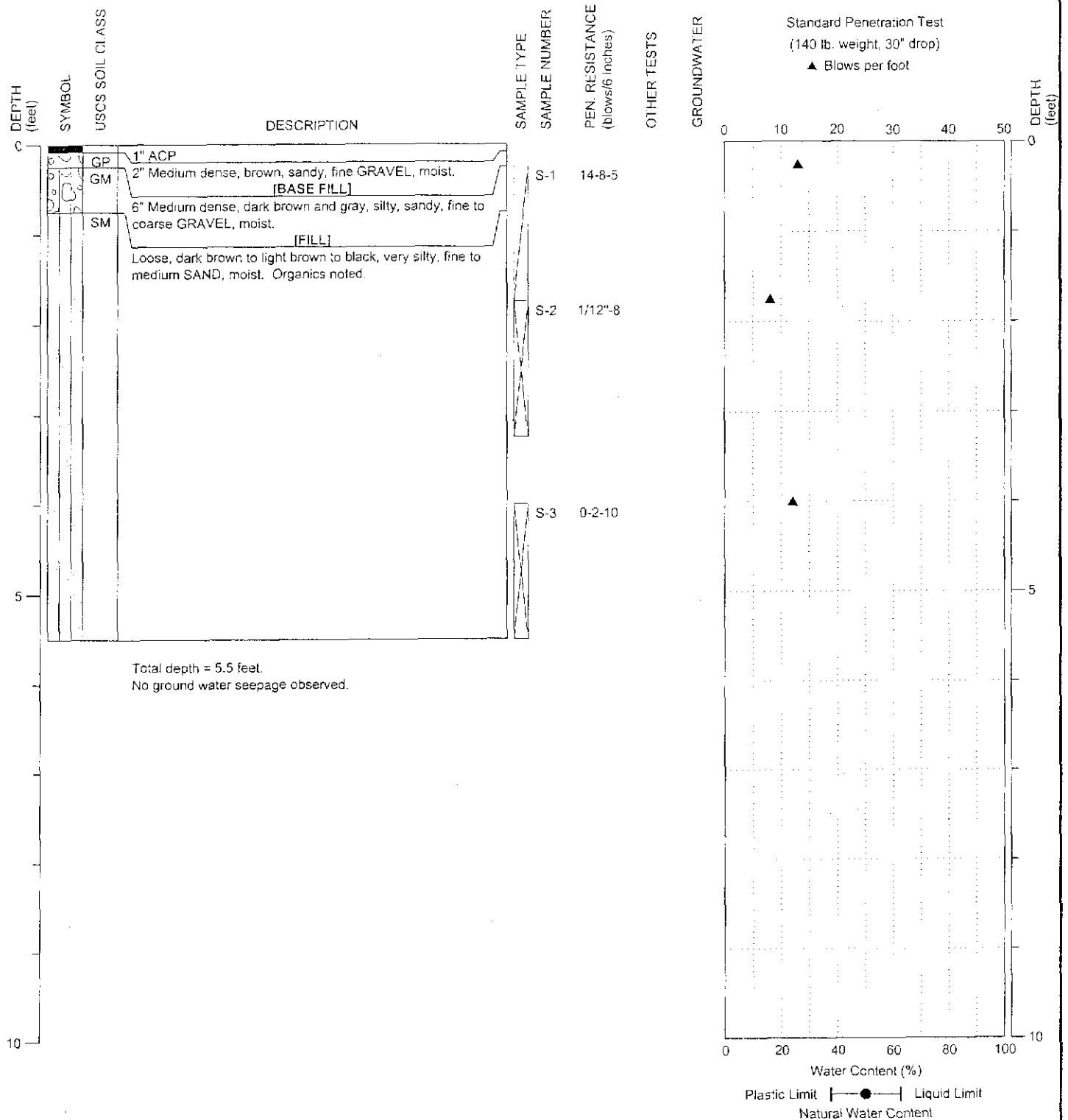
LOCATION: Sta 15+50
 DATE STARTED: 5/13/2002
 DATE COMPLETED: 5/13/2002
 LOGGED BY: B. Hawkins



NOTE: This log of subsurface conditions applies only at the specified location and on the date indicated and therefore may not necessarily be indicative of other times and/or locations.

DRILLING COMPANY: Holocene Drilling
 DRILLING METHOD: Hollow Stem Auger
 SAMPLING METHOD: NSPT/SPT
 SURFACE ELEVATION: ± feet

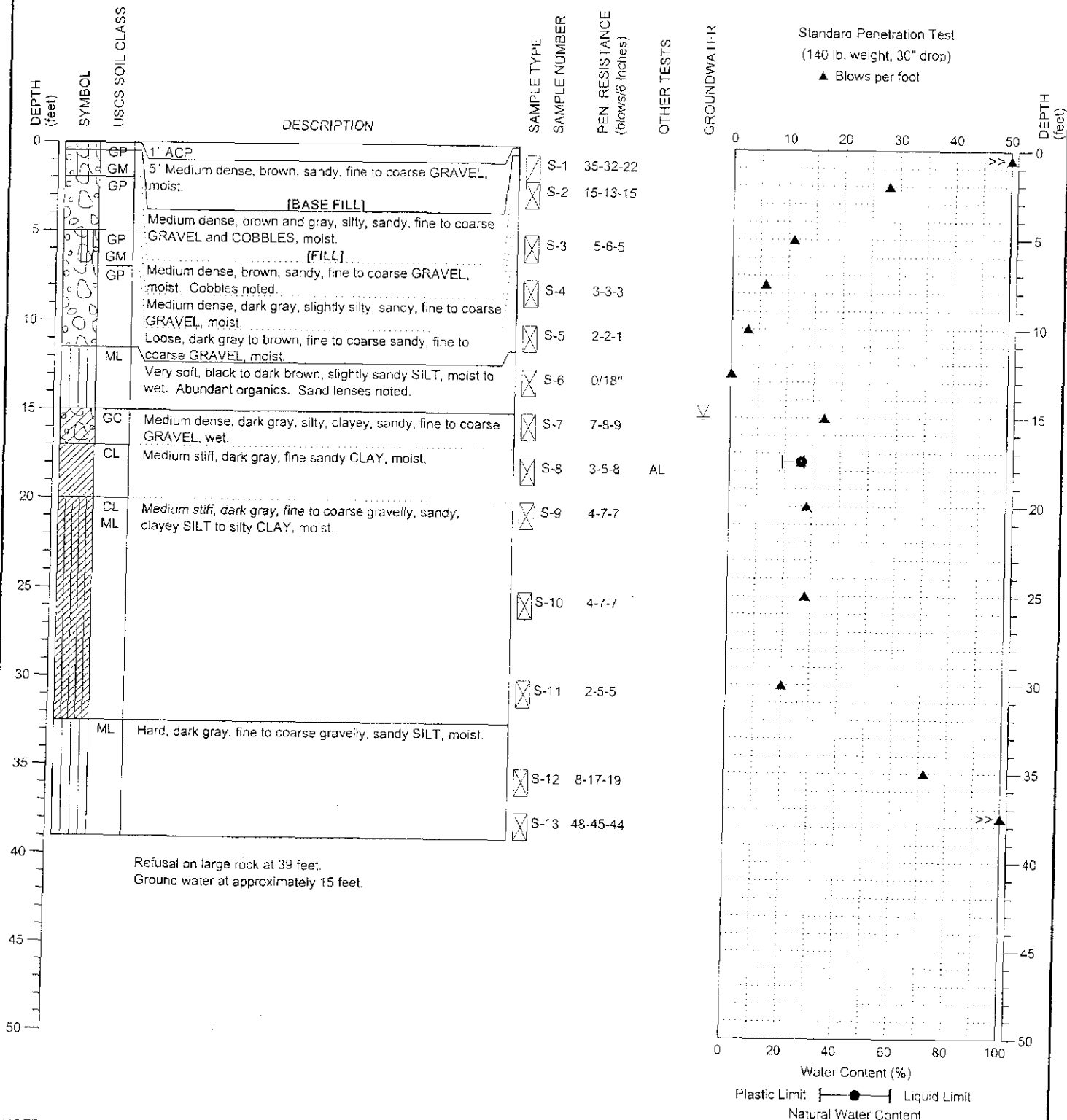
LOCATION: Sta 50+80
 DATE STARTED: 5/13/2002
 DATE COMPLETED: 5/13/2002
 LOGGED BY: B. Hawkins



NOTE: This log of subsurface conditions applies only at the specified location and on the date indicated and therefore may not necessarily be indicative of other times and/or locations.

DRILLING COMPANY: Holocene Drilling
 DRILLING METHOD: Hollow Stem Auger
 SAMPLING METHOD: NSPT/SPT
 SURFACE ELEVATION: ± feet

LOCATION: Sta 58+90
 DATE STARTED: 5/13/2002
 DATE COMPLETED: 5/13/2002
 LOGGED BY: B. Hawkins



NOTE: This log of subsurface conditions applies only at the specified location and on the date indicated and therefore may not necessarily be indicative of other times and/or locations.

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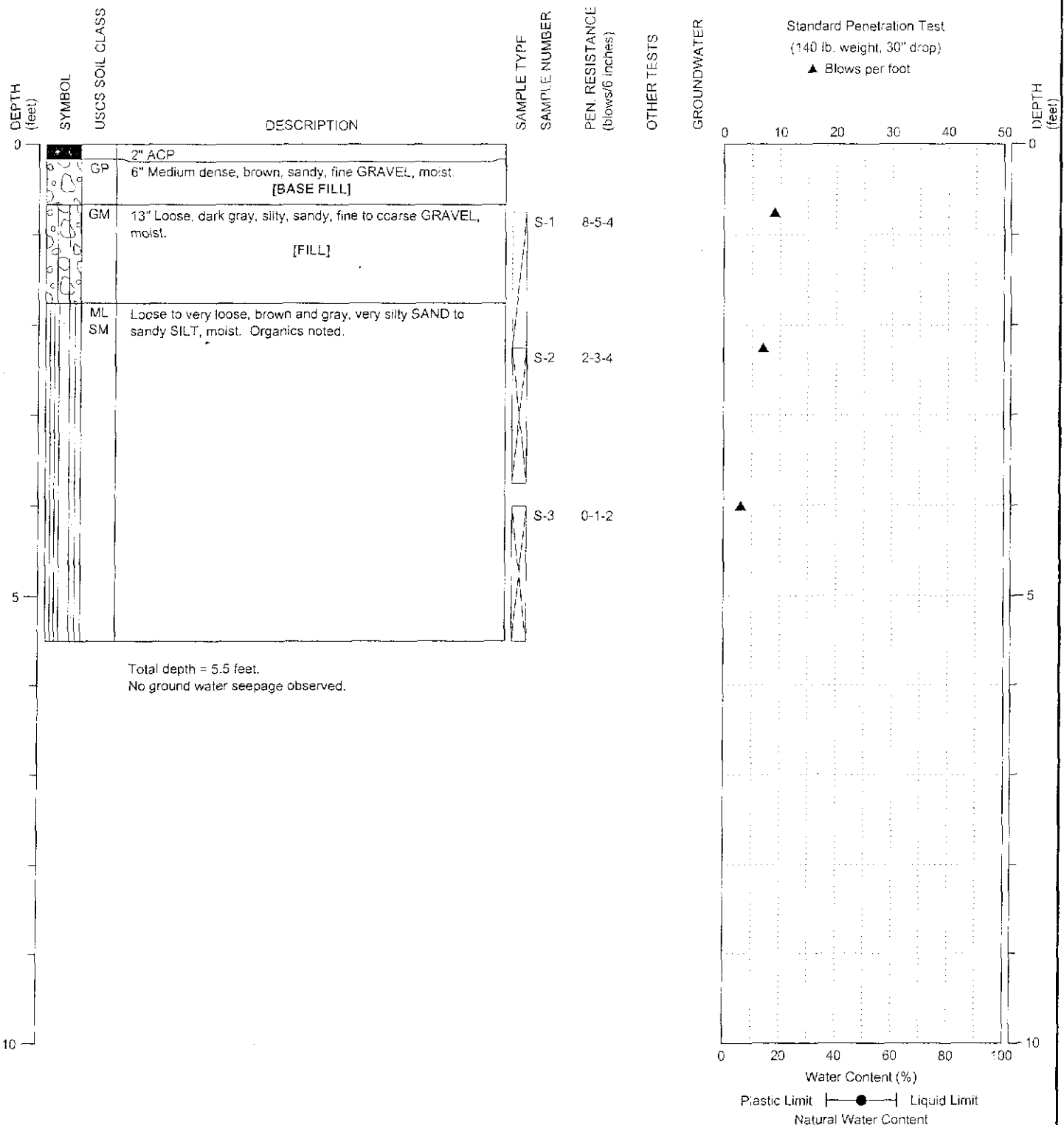
HELMICK ROAD IMPROVEMENTS
 SKAGIT COUNTY, WASHINGTON

BORING:
 BH- 8

PAGE: 1 of 1

DRILLING COMPANY: Holocene Drilling
 DRILLING METHOD: Hollow Stem Auger
 SAMPLING METHOD: NSPT/SPT
 SURFACE ELEVATION: ± feet

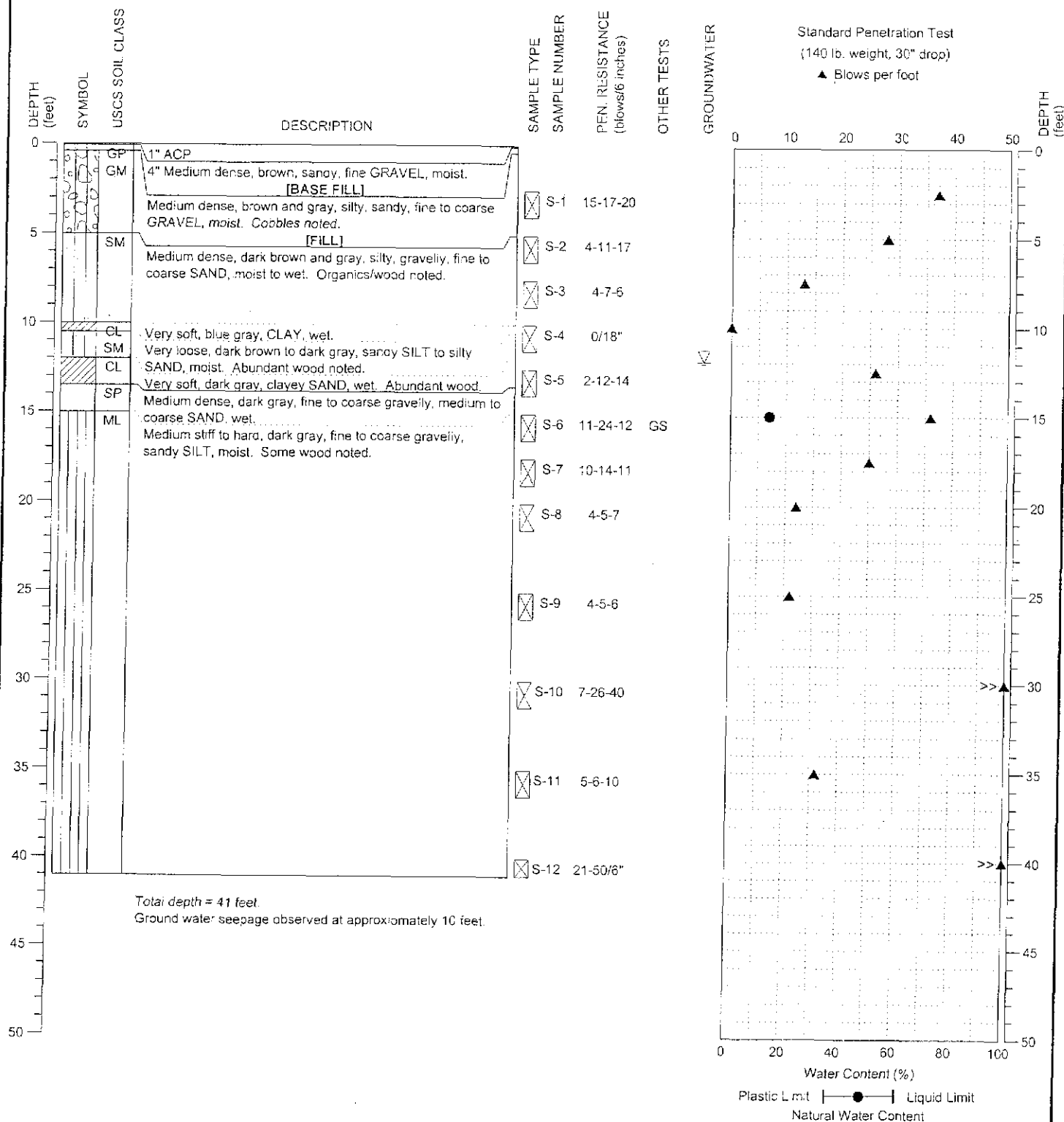
LOCATION: Sta 64+00
 DATE STARTED: 5/14/2002
 DATE COMPLETED: 5/14/2002
 LOGGED BY: B. Hawkins



NOTE: This log of subsurface conditions applies only at the specified location and on the date indicated and therefore may not necessarily be indicative of other times and/or locations.

DRILLING COMPANY: Holocene Drilling
 DRILLING METHOD: Hollow Stem Auger
 SAMPLING METHOD: NSPT/SPT
 SURFACE ELEVATION: ± feet

LOCATION: Sta 59+25
 DATE STARTED: 5/14/2002
 DATE COMPLETED: 5/14/2002
 LOGGED BY: B. Hawkins



NOTE: This log of subsurface conditions applies only at the specified location and on the date indicated and therefore may not necessarily be indicative of other times and/or locations.

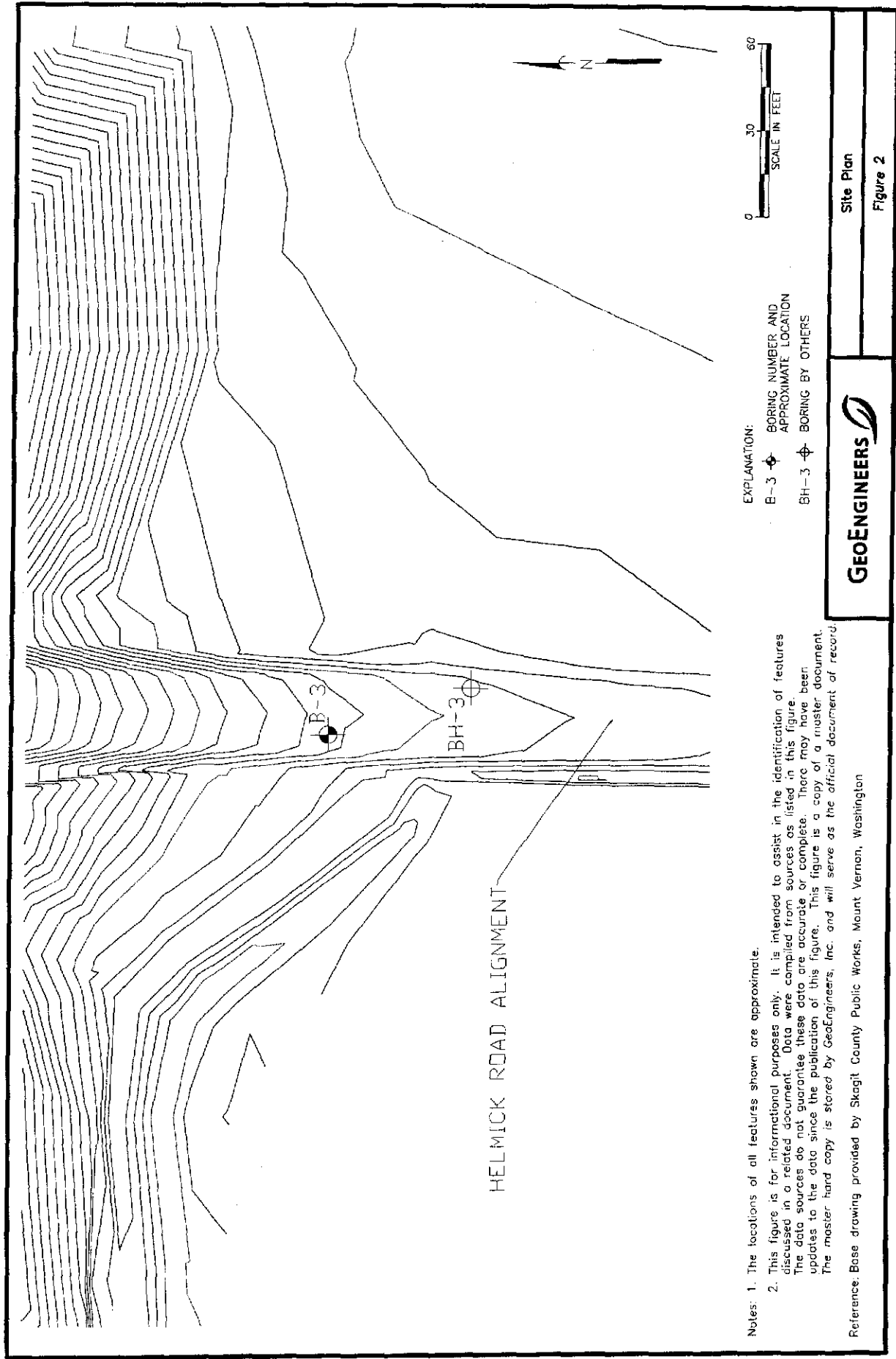


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HELMICK ROAD IMPROVEMENTS
 SKAGIT COUNTY, WASHINGTON

BORING:
 BH-10

PAGE: 1 of 1



SOIL CLASSIFICATION CHART

MAJOR DIVISIONS			SYMBOLS		TYPICAL DESCRIPTIONS	
			GRAPH	LETTER		
COARSE GRAINED SOILS	GRAVEL AND GRAVELLY SOILS	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES	
		GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GP	POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES	
	MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	SAND AND SANDY SOILS	CLEAN SANDS (LITTLE OR NO FINES)		SW	WELL-GRADED SANDS, GRAVELLY SANDS
			SANDS WITH FINES (APPRECIABLE AMOUNT OF FINER)		SC	CLAYEY SANDS, SAND - CLAY MIXTURES
		MORE THAN 50% OF COARSE FRACTION PASSING NO. 4 SIEVE	SANDS WITH FINES (APPRECIABLE AMOUNT OF FINER)		SM	SILTY SANDS, SAND - SILT MIXTURES
					SP	POORLY-GRADED SANDS, GRAVELLY SAND
FINE GRAINED SOILS	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50		ML	INORGANIC SILTS, ROCK FLOUR, CLAYEY SILTS WITH SLIGHT PLASTICITY	
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS	
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY	
	SILTS AND CLAYS	LIQUID LIMIT GREATER THAN 50		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS SILTY SOILS	
				CH	INORGANIC CLAYS OF HIGH PLASTICITY	
				OH	ORGANIC CLAYS AND SILTS OF MEDIUM TO HIGH PLASTICITY	
HIGHLY ORGANIC SOILS				PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS	

NOTE: Multiple symbols are used to indicate borderline or dual soil classifications

Sampler Symbol Descriptions

- 2.4-inch I.D. split barrel
- Standard Penetration Test (SPT)
- Shelby tube
- Piston
- Direct-Push
- Bulk or grab

Blowcount is recorded for driven samplers as the number of blows required to advance sampler 12 inches (or distance noted). See exploration log for hammer weight and drop.

A "P" indicates sampler pushed using the weight of the drill rig.

NOTE: The reader must refer to the discussion in the report text and the logs of explorations for a proper understanding of subsurface conditions. Descriptions on the logs apply only at the specific exploration locations and at the time the explorations were made; they are not warranted to be representative of subsurface conditions at other locations or times.

ADDITIONAL MATERIAL SYMBOLS

SYMBOLS		TYPICAL DESCRIPTIONS
GRAPH	LETTER	
	CC	Cement Concrete
	AC	Asphalt Concrete
	CR	Crushed Rock/Quarry Spalls
	TS	Topsoil/Forest Duff/Sod



Measured groundwater level in exploration, well, or piezometer



Groundwater observed at time of exploration



Perched water observed at time of exploration



Measured free product in well or piezometer

Stratigraphic Contact

- Distinct contact between soil strata or geologic units
- Gradual change between soil strata or geologic units
- Approximate location of soil strata change within a geologic soil unit

Laboratory / Field Tests

- %F Percent fines
- AL Atterberg limits
- CA Chemical analysis
- CP Laboratory compaction test
- CS Consolidation test
- DS Direct shear
- HA Hydrometer analysis
- MC Moisture content
- MD Moisture content and dry density
- OC Organic content
- PM Permeability or hydraulic conductivity
- PP Pocket penetrometer
- SA Sieve analysis
- TX Triaxial compression
- UC Unconfined compression
- VS Vane shear

Sheen Classification

- NS No Visible Sheen
- SS Slight Sheen
- MS Moderate Sheen
- HS Heavy Sheen
- NT Not Tested

KEY TO EXPLORATION LOGS

GEOENGINEERS

Figure 3

Date(s) Drilled	4/1/2005	Logged By	S. Ramsey	Checked By	A. McCain
Drilling Contractor	Holt Drilling (Div. of Boart Longyear)	Drilling Method	Mud Rotary	Sampling Methods	Large diameter split spoon sampler
Auger Data	None	Hammer Data	300 lb hammer/30 in drop	Drilling Equipment	Truck-mounted B-29 Drill Rig
Total Depth (ft)	26.5	Surface Elevation (ft)	Not determined	Groundwater Level (ft. bgs)	Not Encountered
Vertical Datum		Datum/ System		Easting(x): Northing(y):	

Elevation feet	SAMPLES				Water Level	Graphic Log	Group Symbol	MATERIAL DESCRIPTION	Moisture Content %	Dry Unit Weight, lbs/ft ³	OTHER TESTS AND NOTES
	Interval	Recovered (in)	Blows/foot	Sub-Sample							
0							GP-GM	Brown fine to coarse gravel with silt (medium dense, moist)			
5	9	16	1				ML	Gray sandy silt (soft, moist to wet)	46		No recovery
	0	11	2								No recovery
	0	4	2A				SM	Gray silty fine sand with occasional gravel (loose, moist to wet)	39		%F=21 %
	6	2	3								
10	6	3	4						31		%F=70%
	12	8	5				ML	Gray fine sandy silt (medium stiff, wet)	33	90	CS
15	12	9	6								
20	10	10	7				ML	Gray silt with gravel (medium stiff, wet)			
25	12	4	8								

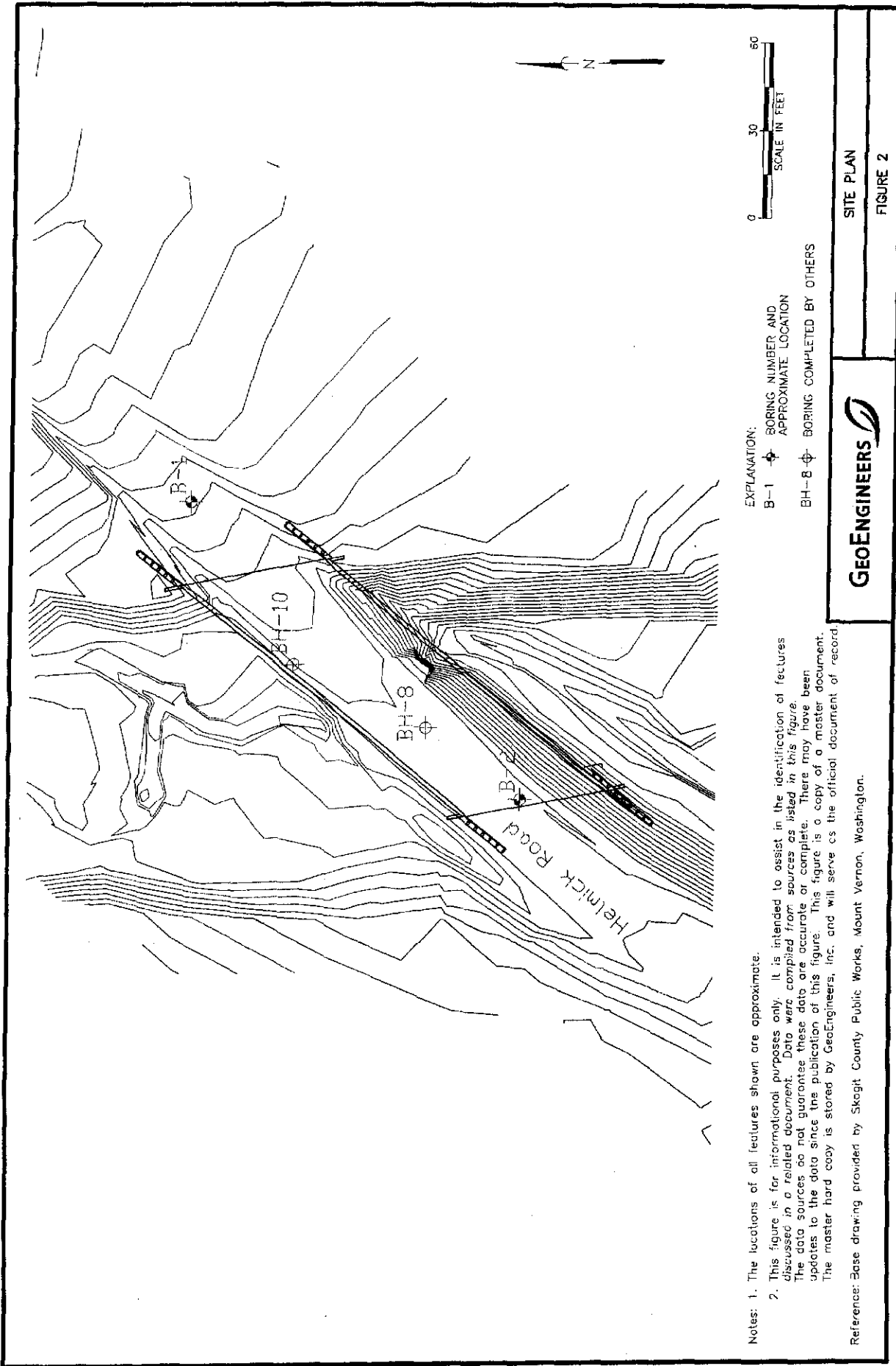
Note: See Figure 3 for explanation of symbols.

LOG OF BORING B-3



Project: Helmick Road Improvement Project
 Project Location: Skagit County, Washington
 Project Number: 00220-075-01

Figure: 4
 Sheet 1 of 1



SOIL CLASSIFICATION CHART

MAJOR DIVISIONS			SYMBOLS		TYPICAL DESCRIPTIONS	
			GRAPH	LETTER		
COARSE GRAINED SOILS	GRAVEL - AND GRAVELLY SOILS	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES	
				GP	POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES	
	MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SEIVE	GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES	
				GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES	
		SAND AND SANDY SOILS	CLEAN SANDS (LITTLE OR NO FINES)		SW	WELL-GRADED SANDS, GRAVELLY SANDS
					SP	POORLY-GRADED SANDS, GRAVELLY SAND
FINE GRAINED SOILS	SILTS AND CLAYS	MORE THAN 50% OF COARSE FRACTION PASSING NO. 4 SEIVE	SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SM	SILTY SANDS, SAND - SILT MIXTURES
					SC	CLAYEY SANDS, SAND - CLAY MIXTURES
		LIQUID LIMIT LESS THAN 50			ML	INORGANIC SILTS, ROCK FLOUR, CLAYEY SILTS WITH SLIGHT PLASTICITY
					CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
	LIQUID LIMIT GREATER THAN 50			OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY	
		SILTS AND CLAYS			MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS SILTY SOILS
				CH	INORGANIC CLAYS OF HIGH PLASTICITY	
				OH	ORGANIC CLAYS AND SILTS OF MEDIUM TO HIGH PLASTICITY	
HIGHLY ORGANIC SOILS				PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS	

NOTE: Multiple symbols are used to indicate borderline or dual soil classifications

Sampler Symbol Descriptions

	2.4-inch I.D. split barrel
	Standard Penetration Test (SPT)
	Shelby tube
	Piston
	Direct-Push
	Bulk or grab

Blowcount is recorded for driven samplers as the number of blows required to advance sampler 12 inches (or distance noted). See exploration log for hammer weight and drop.

A "P" indicates sampler pushed using the weight of the drill rig.

NOTE: The reader must refer to the discussion in the report text and the logs of explorations for a proper understanding of subsurface conditions. Descriptions on the logs apply only at the specific exploration locations and at the time the explorations were made; they are not warranted to be representative of subsurface conditions at other locations or times.

ADDITIONAL MATERIAL SYMBOLS

SYMBOLS		TYPICAL
GRAPH	LETTER	DESCRIPTIONS
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	AC	Asphalt Concrete
	CR	Crushed Rock/Quarry Spalls
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Measured groundwater level in exploration, well, or piezometer



Groundwater observed at time of exploration



Perched water observed at time of exploration



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Stratigraphic Contact

	Distinct contact between soil strata or geologic units
	Gradual change between soil strata or geologic units
	Approximate location of soil strata change within a geologic soil unit

Laboratory / Field Tests

%F	Percent fines
AL	Atterberg limits
CA	Chemical analysis
CP	Laboratory compaction test
CS	Consolidation test
DS	Direct shear
HA	Hydrometer analysis
MC	Moisture content
MD	Moisture content and dry density
OC	Organic content
PM	Permeability or hydraulic conductivity
PP	Pocket penetrometer
SA	Sieve analysis
TX	Triaxial compression
UC	Unconfined compression
VS	Vane shear

Sheen Classification

NS	No Visible Sheen
SS	Slight Sheen
MS	Moderate Sheen
HS	Heavy Sheen
NT	Not Tested

KEY TO EXPLORATION LOGS

GEOENGINEERS

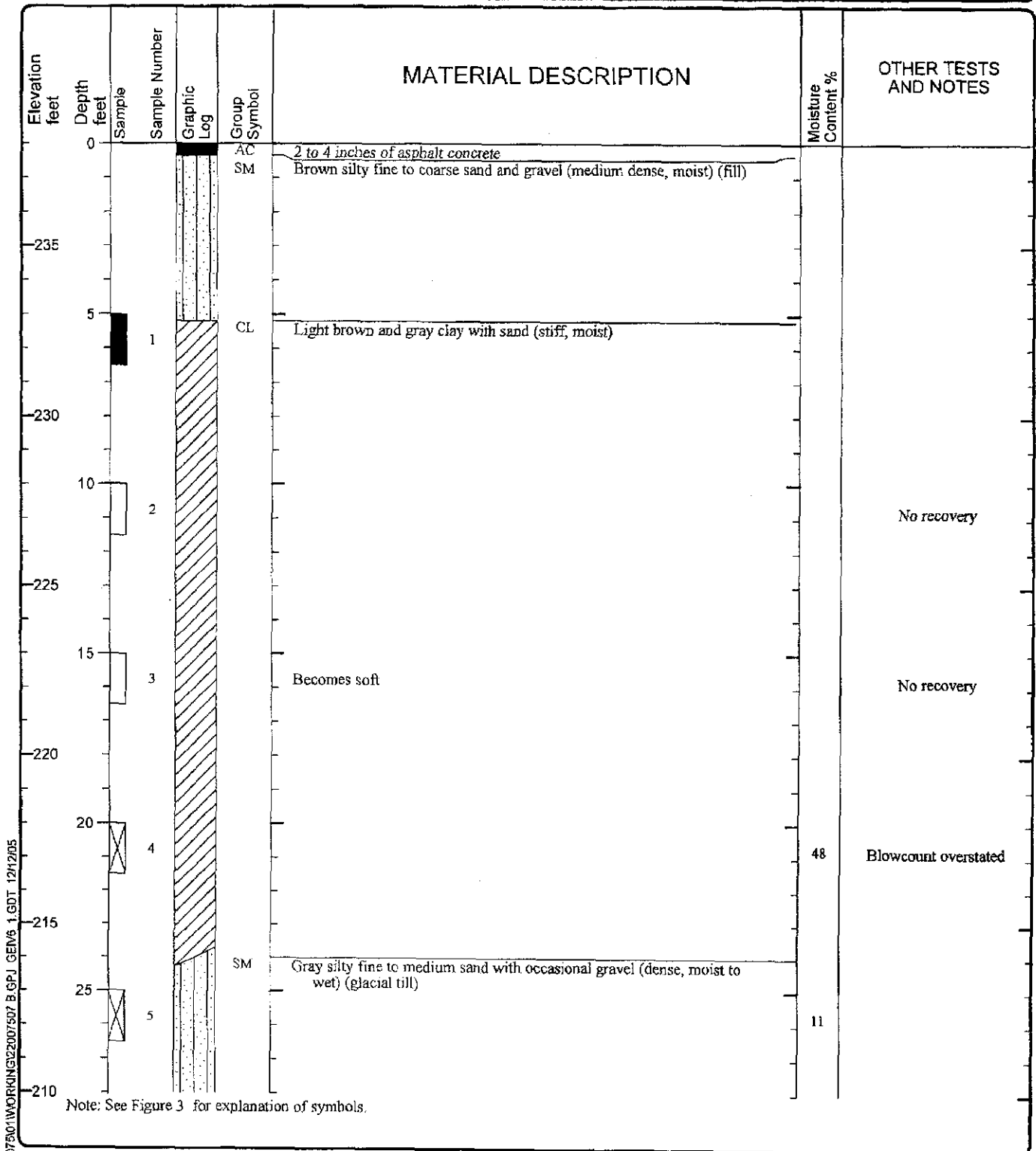
Figure 3

Date Excavated: 3/31/2005

Logged by: S. Ramsey

Equipment: Truck-mounted B-29 Drill Rig

Surface Elevation (ft): 238



LOG OF BORING B-1



Project: Helmick Road Improvement Project
 Project Location: Skagit County, Washington
 Project Number: 0220-075-01

Figure: 4
 Sheet 1 of 2

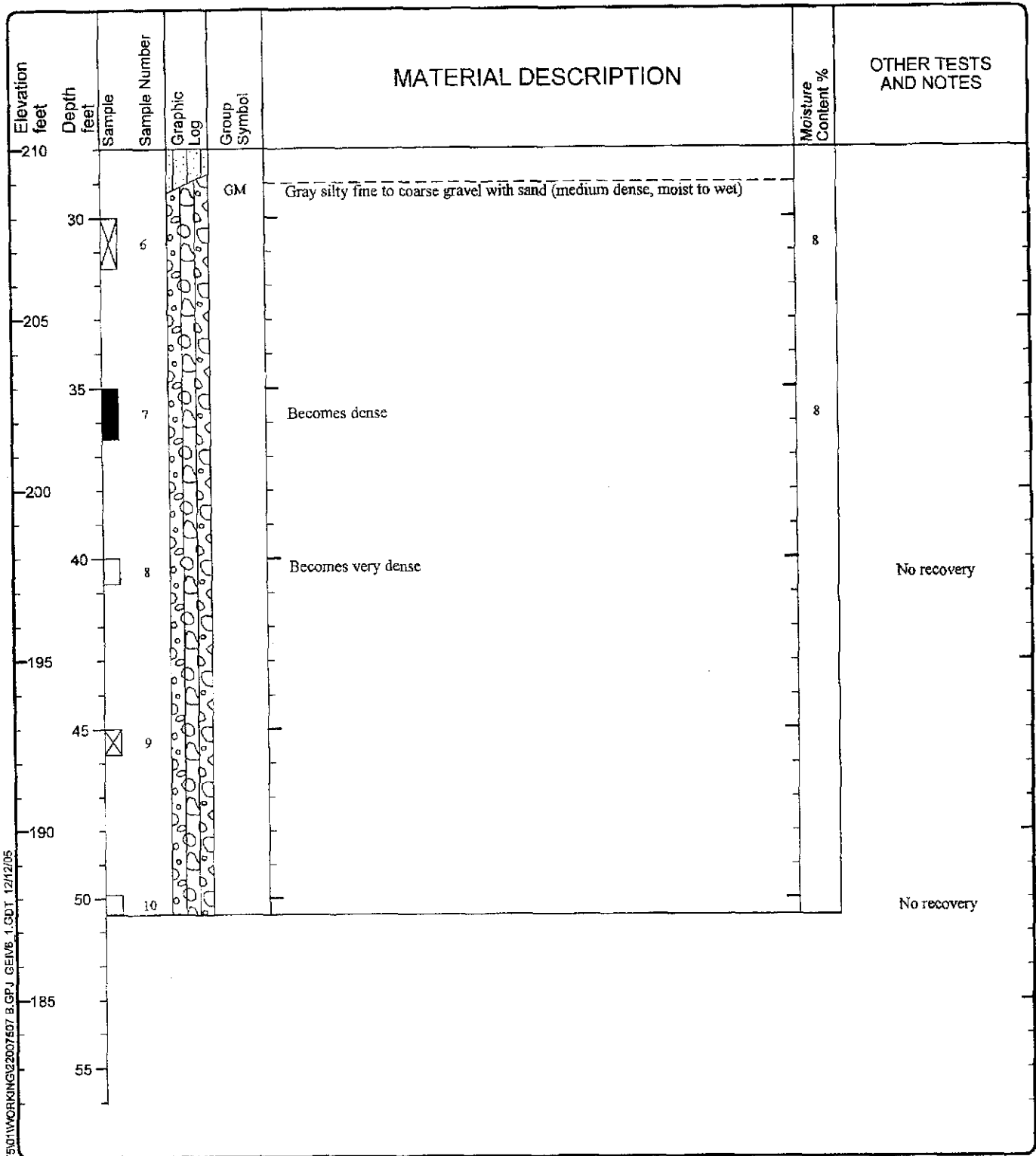
V6: GTPIT P:\022007501\WORKING\22007507 B.GPJ GEV6 1.GDT 12/12/05

Date Excavated: 3/31/2005

Logged by: S. Ramsey

Equipment: Truck-mounted B-29 Drill Rig

Surface Elevation (ft): 238



LOG OF BORING B-1 (continued)



Project: Helmick Road Improvement Project
 Project Location: Skagit County, Washington
 Project Number: 0220-075-01

Figure: 4
 Sheet 2 of 2

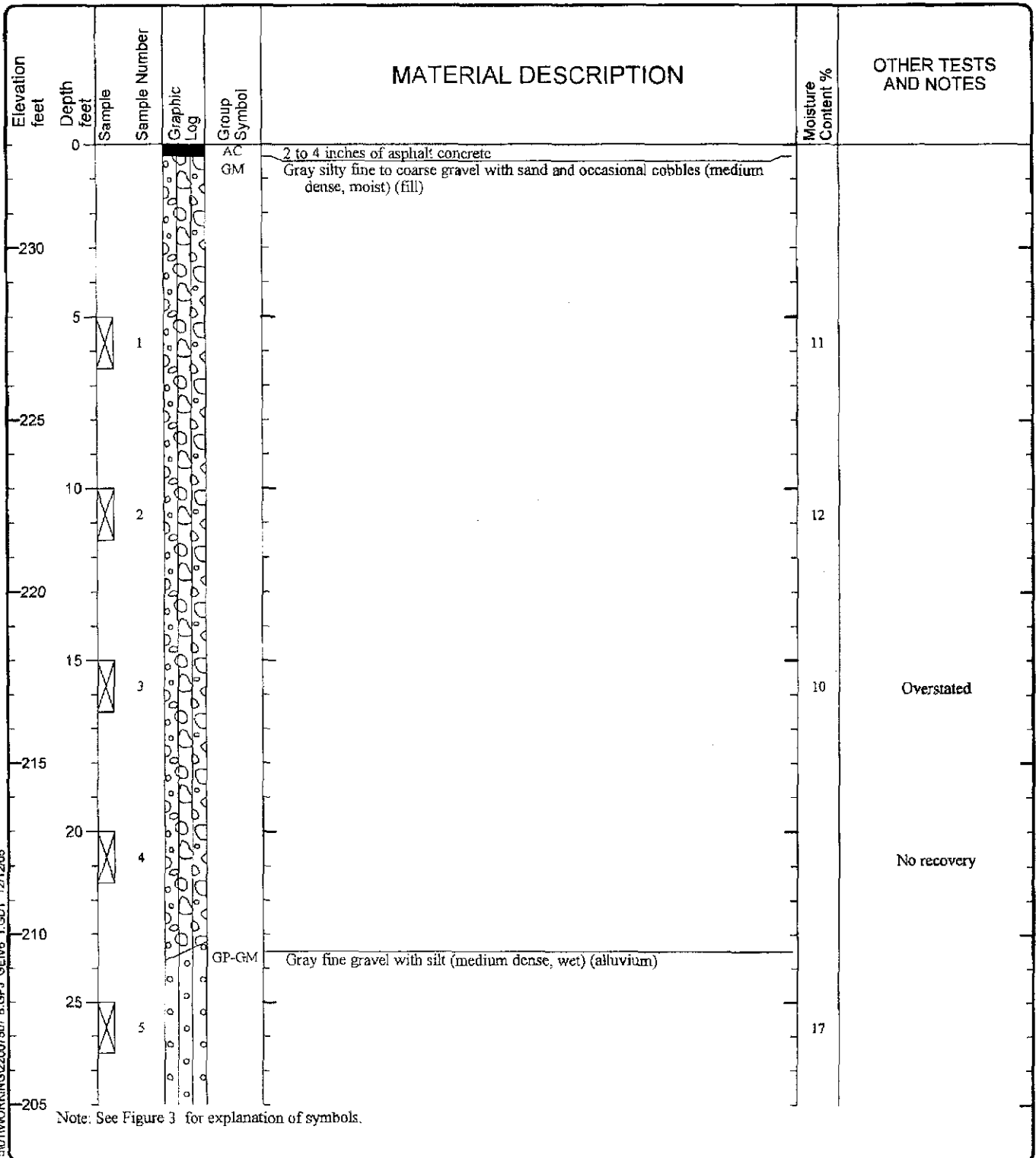
V5: GTPPT: P:\0220075\01\WORKING\022007507 B.GPJ GENB 1.GDT 12/12/05

Date Excavated: 3/31/2005

Logged by: S. Ramsey

Equipment: Truck-mounted B-29 Drill Rig

Surface Elevation (ft): 233



LOG OF BORING B-2



Project: Helmick Road Improvement Project
 Project Location: Skagit County, Washington
 Project Number: 0220-075-01

Figure: 5
 Sheet 1 of 2

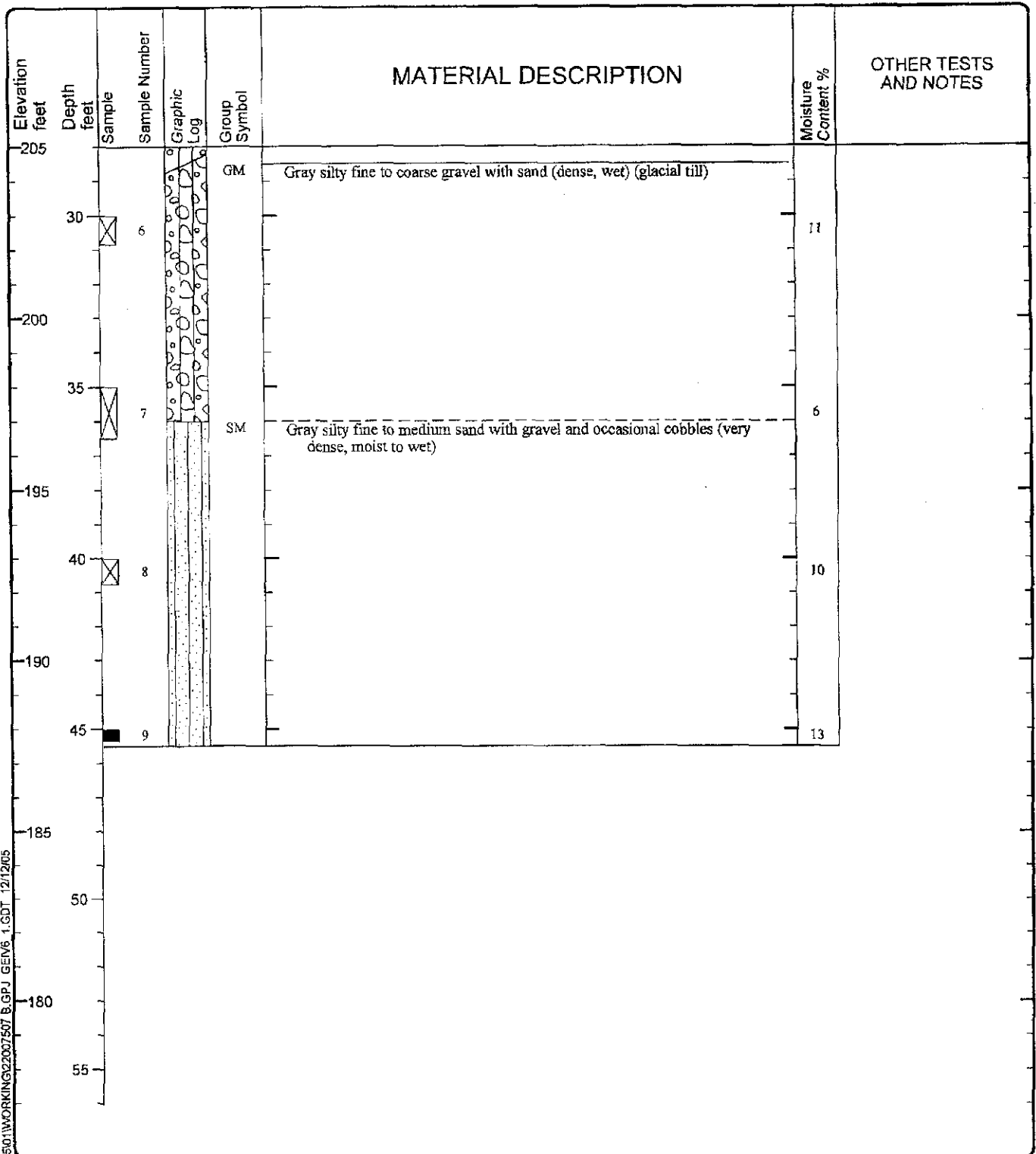
V6:GTTPT P:\0022007501\WORKING\022007507 B.GPJ GEM 1.GDT 12/12/05

Date Excavated: 3/31/2005

Logged by: S. Ramsey

Equipment: Truck-mounted B-29 Drill Rig

Surface Elevation (ft): 233



LOG OF BORING B-2 (continued)



Project: Helmick Road Improvement Project
 Project Location: Skagit County, Washington
 Project Number: 0220-075-01

Figure: 5
 Sheet 2 of 2