SUE Feature Example	SUR	FAC	E EX	PLOI	RAT	ION - I	PENETRA	AOITA	I RES		NCE AND LOG State
Hole No. PR 44 Depth and Elev. of Water Level 9.1		Co	ordinate	s N: 1	77161	2	E: 411119		Ground Elevation 19.1		
				_		No. 897-513-155 Finished 7-15-91			Total Depth 99.5		
Date Measured 7-16-91		– te Begu			_				· — dbyRA		
NOTES	%Х						PENETR	ATION RES	SISTANCE		,
Water losses, type and size of hole, drilling method and conditions, Caving and other information	CORE RECOVERY-%	BLOWS/ FOOT	WATER CONTENT-%	SAMPLES FOR TESTING	DEPTH (FT.)	GRAPHIC LOG	Weight of Hamme		30	lb. in.	CLASSIFICATION AND DESCRIPTION OF MATERIAL
Set Nx Cs to 29.0' Used 5" drive tube and auger from 0 to 14'	- - - - - - -			5	0 S-1 S-2	CL/SC/	0 10	20 3	30 40) 50 - - - - - - -	0-2' Clayey SAND, about 80% fine sand, about 20% fines of medium plasticity, brown, moist, (SC) 2'-5' Lean CLAY, about 80% medium plasticity fines, about
	-	6	17.5		5 -					- - - - - - - - - - - - - - - - - - -	20% fine sand, tan, moist (CL) 5'-26.5' Poorly-graded SAND, about 95% fine sand, about 5% nonplastic fines, tan, moist to wet, (SP-SM)
Wash bored from 14' to 26.5'	- - - - - - - -	12			15 -		•			-	
	- - - - -	26			20 -	10		•		- - - - - - - -	
	- - - - - -				25 -					- - - - - - - - -	
Used 3" Shelby tube sampler from 26.5' to 47.0'	- - - - - -	11	34.5		30 -		•			-	26.5'-39.0' Fat CLAY, high plasticity, soft, light gray to light brown, mottled, moist to wet, (CM)
	- - - - - - -		05.0		35 -	A				- - - - - - - -	
	- - - - - - - -	14	35.2		40 -	11					39.0'-43.0' Silty SAND, about 70% fine sand, about 30% nonplastic fines, tan, saturated, (SP-SM)
Hole squeezed at 42.0'	- - - - - -	10	27.4		45 -		•			- - - - - -	43.0'-64.0' Poorly-graded SAND, about 95% fine sand, about 5% non-plastic fines, tan, saturated, (SP-SM)
Wash bored from 47' to 64'	- - - - - -	23			50 -	_		•		- - - - - -	
	- - - - - -	26	14.6		55 -	SP:SM:		•		- - - - - - -	
	- - - - - -	44			60 -					• -	
	- - - -									- - -	
l e:	cord nu 50 blow enetrate xtrapola	mber of vs resulted, thus ted as	125 blov	equired than or ndicates	d for o ne foo s 0.4 f		penetration. ration, record d rated with 50 bl			//CL	/
S m	scribe s nified S AND. 9 lax. size lt, as sh	95% pre 1/4 inc	edomina h, firm,	n symb antly m moist, (edium gray, t	Sand, 5%	dition. Include POORLY GRA nonplastic fine ed (SP).	DED es,		SP -GW	125 C

 FEATURE
 Example
 STATE
 HOLE NO.
 PR 44

Feature Example Hole No. PR 44	Co	ordinate	es N:	177161	2	E: 411119	E: 411119 Grou			Stateund Elevation 19.1			
Depth and Elev. of Water Level 9.1	Coordinates N: 1771612 Location See drawing No. 897-5						Total Depth 99.5						
Date Measured 7-16-91		te Begu			Finished 7-15-91				d by RA				
NOTES	γ- %						PENETRA	ATION RI	ESISTANCE		<u></u>		
Water losses, type and size of hole, drilling method and conditions, Caving and other information	CORE RECOVERY-%	BLOWS/ FOOT	WATER CONTENT-%	SAMPLES FOR TESTING	DEPTH (FT.)	GRAPHIC LOG	Weight of Hammer Height of Drop	· —	140 30 30 40	lb. in.	CLASSIFICATION AND DESCRIPTION OF MATERIAL		
Used 3" Shelby tube sampler from 64' to 99.5' Water level at 13.0' on 7-15-91: water level at 10.0' on 7-16. Hole caved to 19.0' on 7-16. Pulled Cs on 7-15 and bailed hole. Filled hole on 7-16.	-	13			65 ⁻		0 10 2	20	30 40	-	64.0'-69.0' Fat CLAY, high plasticity, about 20% fine sand, light gray to light brown, mottled, small amount of lime nodules, moist to wet, (CH)		
		19			70 -		•	•		- - - - - -	69.0'-77.0' Silty SAND, about 50% fine sand, about 50% nonplastic fines, stroir reaction to HCl, brown, moist to wet, (SM-ML) 77.0'-83.0' Clayey SAND, about 50% fit sand, about 50% medium plasticity fine moderate reaction to HCl, brown, moist to wet, (SC-CL) 83.0'-99.5' Fat CLAY, high plasticity, about 20% fine sand, light, gray to light brown, mottled, small amount of lime		
	- - - - -	22	22.3		75 ⁻	- SM-ML: - -		•		- - - - - -			
	- - - - - - - -	18	20.6		80 -	- 136/ - 136/ - 136/				-			
	- - - -	17			85 ⁻		•						
	- - - - - -									- - - - - - -	nodules, moist to wet, (CM)		
	- - - - -	21	23.5		90 -	CH				- - - - -			
	- - - - -	36			95 ⁻				•	-			
	-				100 -								
	- - - - - -				105 ⁻								
	- - - - - - - -				110 -	- - - -				- - - - - - - - - - - - - - - - - - -			
	-				115 ⁻					-			
					120 ⁻	- - - -							
	-				125 ·	- - -				- - - - - - -			
BLOWS/FOOT Rec If to pe	LC ord nu 50 blow netrate	OGGING mber of vs resulted, thus	G INSTR blows r t in less , 50/.4 ir	RUCTION TO THE PROPERTY OF THE	ONS ed for o one foo	ne foot of t of peneti oot peneti	penetration. ation, record de ated with 50 blo	epth ows,		;;;; ;£L	/		
CLASSIFICATION Des AND DESCRIPTION Ur SA ma	scribe s nified S AND. 9 ax. size	soil type soil Clas	, with er sificatio edomina h, firm,	nphas n syml	ıs on ır ool. E	iplace con (AMPLE:	dition. Include POORLY GRAI nonplastic fine ed (SP).	DED		SP .*GW	125		

 FEATURE
 Example
 STATE
 HOLE NO.
 PR 44