

**DRILLING LOG**

1. PROJECT Kissimmee River Restoration	2. LOCATION (Coordinates or Station) 017130N South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 4
3. DRILLING AGENCY Corps of Engineers	4. HOLE NO. (As shown on drawing title and file number) CS-KRR-A-NG	10. SIZE AND TYPE OF BIT See Remarks	11. DATUM FOR ELEVATION SHOWN (TBM or NSL)
5. NAME OF DRILLER L. Whooters	6. DIRECTION OF HOLE <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED	12. MANUFACTURER'S DESIGNATION OF DRILL Failings 1500	13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN disturbed: 0 undisturbed: 0
7. THICKNESS OF BURDEN 0 Ft.	8. DEPTH DRILLED INTO ROCK 0 Ft.	14. TOTAL NUMBER OF CORE BOXES 1	15. ELEVATION GROUND WATER see notes
9. TOTAL DEPTH OF HOLE 103.5 Ft.		16. DATE HOLE STARTED COMPLETED 08/15/96 08/19/96	17. ELEVATION TOP OF HOLE
		18. TOTAL CORE RECOVERY FOR BORING	19. SIGNATURE OF GEOLOGIST J. HAND

KRANNO 2

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC X	SAMPLE NUMBER	REMARKS Bit or Barrel	BLOWS/5'
n/a	0						
			SAND, fine quartz, a trace of silt, trace fine black phosphate, brown (SP)	70	1	SPLIT SPOON	2 3 3
			water level encountered at depth of 3 feet:	100	2	SPLIT SPOON	1 2 2
	5.0			26	3	SPLIT SPOON	1 2 3
			silt / SAND fine quartz, black (SM)	10		SPLIT SPOON	2 1
				10		SPLIT SPOON	1 1 2
	9.0			40	4	SPLIT SPOON	SETTLE 1 2
			SILT, organic a little fine quartz sand, few white shells, black (ML)	50	5	SPLIT SPOON	1 2
	11.0			45	6	SPLIT SPOON	3 5 5
			SAND, fine to medium quartz, a little organic silt, thin layers of silt, black (SP-SM)	10		SPLIT SPOON	2 4
	13.0			50	6	SPLIT SPOON	5 6 7
			Sand, fine quartz, trace to a little silt, trace fine black phosphate, brown (SP)	56	7	SPLIT SPOON	2 11 13
				50	8	SPLIT SPOON	5 6 7
				90	9	SPLIT SPOON	5 6 12
				10		SPLIT SPOON	5 6 6
				90	10	SPLIT SPOON	4 7 13

ENG FORM 16-30 PREVIOUS EDITIONS ARE OBSOLETE. MAR 71

PROJECT Kissimmee River Restoration	HOLE NUMBER CB-KRR-A-NO
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(continued)

DRILLING LOG (Cont. Sheet)		ELEVATION TOP OF HOLE		SHEET 2 OF 4			
PROJECT			INSTALLATION				
Kissimmee River Restoration			Jacksonville District				
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC X	SAMPLE NUMBER	REMARKS Bit or Barrel	BLOWS/5'
n/a	22.5						9
	23.5			90	11	SPLIT SPOON	11
			SILT, clayey, slightly sandy (fine quartz), green (ML)	0		SPLIT SPOON	3
				70	12	SPLIT SPOON	4
				100	13	SPLIT SPOON	5
				100	14	SPLIT SPOON	5
				100	15	5 FOOT SPOON	11
				10	16	5 FOOT SPOON	6
				20	17	5 FOOT SPOON	13
				0		5 FOOT SPOON	10
							10
							27
			SILT, very sandy (fine quartz), a few white weathered shells, green (ML)				10
							10
							27

(continued)

DRILLING LOG (Cont. Sheet)

ELEVATION TOP OF HOLE Ft.

SHEET 3 OF 4

PROJECT

Kissimmee River Restoration

INSTALLATION

Jacksonville District

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC #	SAMPLE NUMBER	REMARKS Bit or Barrel	BLOWS/ Ft.
n/a	50.0						
							50
							5
							11
				75	16	5 FOOT SPOON	15
							52.5
							30
							60
							55
				100	19	SPLIT SPOON	3
							7
							6
							5
							57.5
							11
				100	20	5 FOOT SPOON	16
							28
							60
							51
							5
							62.5
				100	21	5 FOOT SPOON	6
							11
							65
							16
							28
							67.5
							7
							8
				100	23	5 FOOT SPOON	10
			very silty SAND, fine to medium quartz, some clay, a few weathered white shell, green (SM)				16
							70
							30
			very shaly with sand to gravel size pebbles from 74.5 to 75.5				70
							3
							72.5
				100	25	5 FOOT SPOON	6
							11
							75
							22
							51
							75
				50	27	5 FOOT SPOON	27
			SAND, fine quartz, trace fine black phosphate, a little silt and shell, gray, SPI				77.5

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DRILLING LOG (Cont. Sheet)

ELEVATION TOP OF HOLE Ft.

SHEET 4 OF 4

PROJECT  
Kissimmee River Restoration

INSTALLATION  
Jacksonville District

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC X	SAMPLE NUMBER	REMARKS Bit or Barrel	BLOWS/5'
n/a	77.5			50	27	5 FOOT SPOON	130
				50	25	SPLIT SPOON	17 100
				50		4" ROCK BIT	
				100	29	SPLIT SPOON	40 125
						4" ROCK BIT	
			with bottom of hole and 4" casing at 85' the water level was 1 foot above surface (top of hole)	100		SPLIT SPOON	55
			layers and pockets of silt from 88.5 to 91.5			4" ROCK BIT	
				30	30	5 FOOT SPOON	Settled 15
				30	31		110
						4" ROCK BIT	
			clean from 94 to 96	75		5 FOOT SPOON	50 130
					33	4" ROCK BIT	
			some silt from 98.5 to 99.5	90		SPLIT SPOON	31 120
			NOTES: 1. Water level first encountered at depth of 3 feet. With the bottom of the hole at 103.5 feet the level was 3 feet above the surface (top of hole). 2. 2 inch diameter slotted well screen set from 83.3 to 87.3 and pumped at rate of 23 gallons a minute.			4" ROCK BIT	
						300# Hammer with 18 inch drop used on 5' spoon	
						140# Hammer with 30" drop used 2.0' split spoon (1 3/8" I.D. x 2" O. (1 3/8" I.D. x 2" O.)	
			Soils are field visually classified in accordance with the United Soils Classification System.				