

<b>DRILLING LOG</b>		<b>DIVISION</b>	<b>INSTALLATION</b>	<b>SHEET 1</b>
<b>1. PROJECT</b> Palm Beach County Vibracore 2004 Palm Beach County, Florida			<b>9. SIZE AND TYPE OF BIT</b> 4.0 In.	
<b>2. BORING DESIGNATION</b> SI04-16			<b>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane East	<b>HORIZONTAL</b> NAD 1983
<b>LOCATION COORDINATES</b> X = 973,808 Y = 899,324			<b>VERTICAL</b> NAVD 29	
<b>3. DRILLING AGENCY</b> Alpine OSS, Inc		<b>CONTRACTOR FILE NO.</b>	<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> <input type="checkbox"/> AUTO HAMMER Alpine Pneumatic Vibracore <input type="checkbox"/> MANUAL HAMMER	
<b>4. NAME OF DRILLER</b> SEA INC		<b>12. TOTAL SAMPLES</b> <b>DISTURBED</b> 4 <b>UNDISTURBED (UD)</b> 0		
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		<b>DEG. FROM VERTICAL</b>	<b>13. TOTAL NUMBER CORE BOXES</b> 2	
<b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.		<b>14. ELEVATION GROUND WATER</b>		
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.		<b>15. DATE BORING</b> <b>STARTED</b> 05-23-04 <b>COMPLETED</b> 05-23-04		
<b>8. TOTAL DEPTH OF BORING</b> 19.0 Ft.		<b>16. ELEVATION TOP OF BORING</b> -29.4 Ft.		
		<b>17. TOTAL RECOVERY FOR BORING</b> 17 Ft.		
		<b>18. SIGNATURE AND TITLE OF INSPECTOR</b> Gary Zarillo, PG		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	REMARKS
-29.4	0.0					
-31.5	2.1		Light gray (10YR-7/1), Gray fine quartz sand, trace of medium to fine carbonate sand, (SP).		1.0	Sample #1.0, Depth = 1.0
-32.8	3.4		Light gray (10YR-7/1), Gray medium to fine quartz sand, some fine quartz sand, trace of white to gray shell fragments in fine gravel range, (SP).			
-33.2	3.8		Light gray (10YR-7/1), Gray fine quartz sand, (SP).			
-33.8	4.4		Light gray (10YR-7/1), Gray medium to fine carbonate sand, fine quartz sand, (SP).		4.0	Sample #4.0, Depth = 4.0
-35.4	6.0		(10YR-7.5/2), Tan to tannish gray coarse to fine carbonate sand, some fine quartz sand, tan to white shell fragments in coarse sand to medium gravel range, (SP).			
-36.3	6.9		(10YR-7.5/1), Tan to tannish gray fine quartz sand, (SP).			
-37.6	8.2		Light gray (10YR-7/1), Gray fine quartz sand, trace of shell fragments in thin layers, (SP).		8.0	Sample #8.0, Depth = 8.0
-38.3	8.9		(10YR-7.5/2), Tan coarse to fine carbonate sand, some fine quartz sand, abundant tan shell fragments in fine to medium gravel range, (SP).			
-39.5	10.1		Light gray (10YR-7/1), Tannish gray medium to fine carbonate sand, fine quartz sand, (SP).			
-40.4	11.0		(10YR-7.5/1), Gray fine quartz sand, (SP).			
-43.5	14.1		(10YR-7.5/1), Gray fine quartz sand, interlayered with coarse to fine carbonate sand, (SP).		13.0	Sample #13.0, Depth = 13.0
-44.1	14.7		Light gray (10YR-7/1), Gray fine quartz sand, abundant rock fragments composed of lithified sand, (GW).			
-46.4	17.0		Light gray (10YR-7/1), Gray fine quartz sand, (SP).			
			End of Boring		Comp	Sample #Comp, Depth = 19.0 Composite 0-13.0 ft.

FLORIDA DEP ROSS SINGER IS.GPJ FL DEP ROSS GDT 11/1/2004