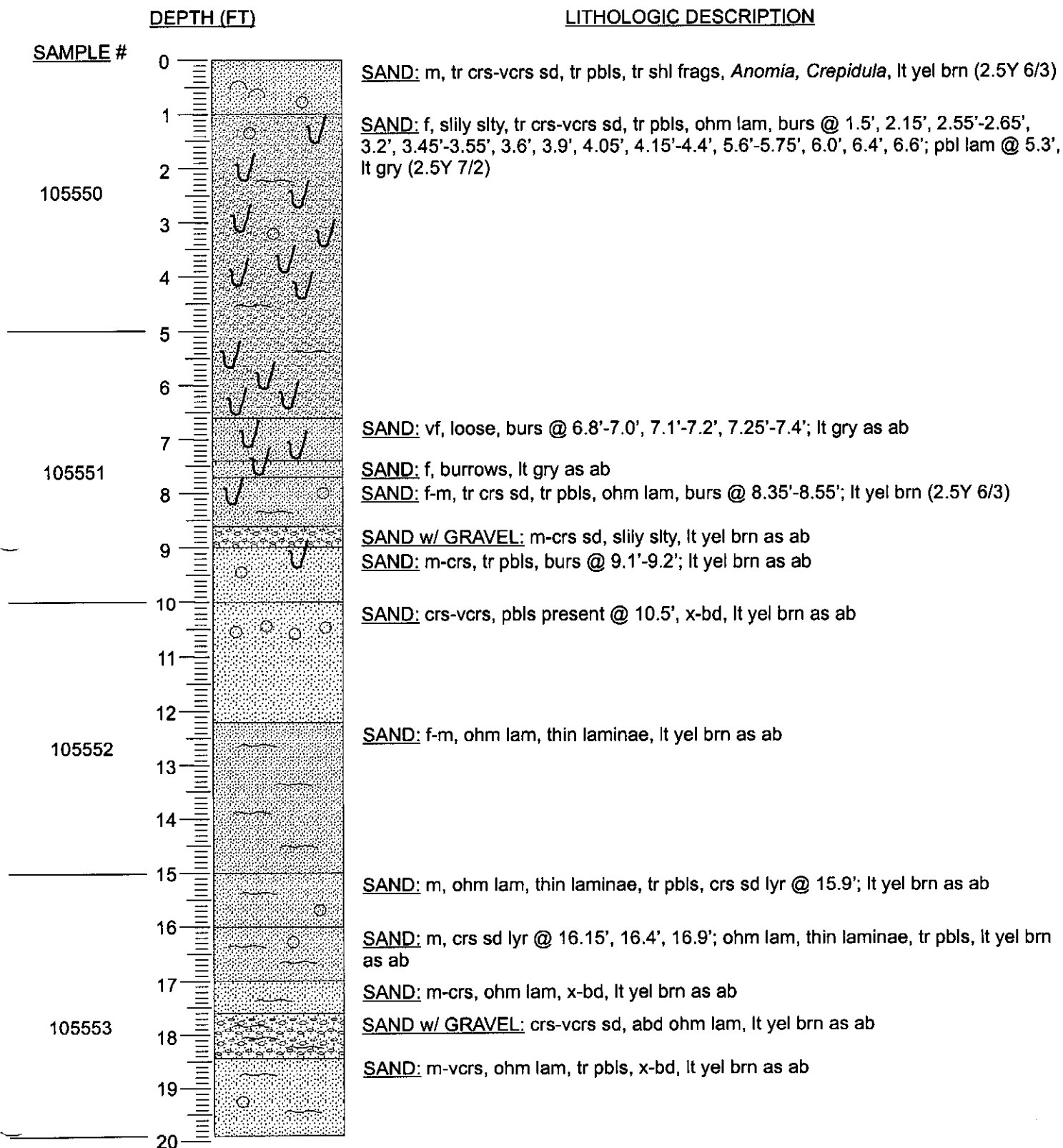


DGSID **Qj25-02** DATE DESCR. 12/6/08 WATER DEPTH (FT) **45.0**

LOCAL ID. **KHV-165** DESCR. BY **KMcK**



DRILLING LOG	DIVISION Philadelphia District COE	INSTALLATION W912BU-07D-001, TO 0003	SHEET 1 OF 1 SHEETS
1. PROJECT Delaware and New Jersey Coast		10. SIZE AND TYPE OF BIT 3.5	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD-83
2. LOCATION (Coordinates or Station) Delaware Delaware N 205,616.0 E 773,294.0		12. MANUFACTURER'S DESIGNATION OF DRILL Vibrocure	
3. DRILLING AGENCY Alpine Ocean Seismic Survey		13. TOTAL NO. OF SAMPLES TAKEN : INTERVAL : COMPOSITE	
4. HOLE NO. (As shown on drawing title and file number) KHV 165		14. TOTAL NUMBER CORE BOXES	
5. NAME OF DRILLER N. Cupic		15. ELEVATION GROUND WATER	
6. DIRECTION OF HOLE <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED --- DEG. FROM VERT.		16. DATE HOLE : STARTED : COMPLETED 12/6/2008 12/6/2008	
7. PENETRATION (ft) 19.5		17. ELEVATION TOP OF HOLE -45.0	
8. RECOVERY (ft) 19.9		18. TOTAL CORE RECOVERY FOR BORING 102 %	
9. TOTAL CORE RECOVERY (%) 102.0		19. GEOLOGIST B. Zakari	

ELEVATION a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	% CORE RECOVERY e	Sample No. Depth Interval, ft. f	REMARKS (Drilling time, water loss, depth weathering, etc., if significant) g
-45.0	0.0		Dark grey to black with light grey intrusions, medium sand; tr shell frags; tr pbls; tr crs-vcrs	100	0.0 1.2	Anomia, Cepidulo off shore
-46.0	1.0		light grey fine sand with tan inclusions; tr pbls; tr vcrs-crs sand; stly slty; ohm lam; burrows @ 1.5, 2.15, 2.55-2.65, 3.2, 2.45-3.55, 3.6, 3.9, 4.05, 4.15-4.4, 5.6-5.75, 6.0, 6.4, 6.6	100	1.3 5.0	Probably all that but cleaner, sed structures better defined
-51.6	6.6		5.3' pbl lam			
-52.4	7.4		light grey very fine sand, loose; tr m sand; burrows @ 6.3-7.0, 7.1-7.2, 7.25	7.4		0-1.0: 2.5Y 6/3 lt yellow brn
-52.7	7.7		Dark grey to black fine sand (burrows)	100	7.3 8.2	1.0-7.7: 2.5Y 7/2 lt gray
-53.6	8.6		tannish grey fine to medium sand; tr crs sand; tr pbls; ohm lam; burrows @ 8.25-8.5	8.5		
-54.0	9.0		Grey medium to coarse sand with olive green silt and gravel	100	8.6 9.8	7.7-19.9: 2.5Y 6/3 lt yellow brn
-55.0	10.0		Light brown/tan medium to coarse sand; tr pbls; burrows @ 9.1-9.2			
			Light brown/tan coarse sand, rocks present at 10.5; vcrs sand; xbedding	burrows @ 9.9-10.05 100	10.6 12.1	
-57.2	12.2		Tan/light brown fine to medium sand; ohm lam; thin laminae;	100	12.5 14.6	
-60.0	15.0		Light greyish brown medium sand; ohm lam; thin laminae; tr pbls; crs sand			
-61.0	16.0		light greyish brown medim sand, loose; ohm lam; thin laminae; tr pbls; crs sand	100	16.2 19.6	16.4, 16.9
-62.0	17.0		Light grey medium to coarse sand; ohm lam; xbedding			
-62.6	17.6		Smoky grey coarse sand with gravel; vcrs sand; -abd ohm			
-63.0	18.0		Light grey medium to coarse sand; ohm lam; xbedding; vcrs sand; tr pbls			
-64.9	19.9					