

APPENDIX F

BORING GEOPHYSICAL LOGGING

FIELD DATA LOGS



B-601 D#1 BORING GEOPHYSICS FIELD LOG SUMMARY

Borehole*

SITE*: Turkey Point NPP

DATE*: 3/10/08

CLIENT*: MACTEC

JOB*: 8083

AUTHOR*: C. Carter

PAGE*: 1 OF 2

CONTACT: _____

PHONE: _____

BOREHOLE CONSTRUCTION: Cased

UNCASED ☒

DIAMETERS AND DEPTH RANGES: 6" 0 TO 25 ft; 5" 25 ft TO 139 ft

BOREHOLE TOTAL DEPTH AS DRILLED*: 139 ft (3/10) / 420 ft (3/28/08)

CONDUCTOR CASING?: YES ☒ DEPTH TO BOTTOM OF CASING 25 ft / NO

DEPTH TO BEDROCK: ~3 ft 153 / 117

BOREHOLE FLUID: WATER _____; FRESH WATER MUD ☒; SALT WATER MUD _____

LOGGING CREW: C. Carter

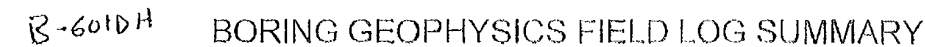
LOG TYPE*	FILE NAME*	DEPTH RANGE*	DATE*	TIMES*
ELOG	B601DHELOGTEST01		3/10/08	3:14 - 3:15 pm
ELOG	B601DHELOGUP01	137.65 - 137.9 ft	3/10/08	3:50 - 4:01 pm
PS Velocity	B601DHSUSPDOWN01	27.89 - 123.03 ft	3/10/08	4:29 - 5:05 pm
ATV	B601DHAUUP01	121.5 - 22.0 ft	3/10/08	5:42 - 6:13 pm
Caliper	B601DHCALTEST01		3/10/08	6:38 - 6:40 pm
Caliper	B601DHCALUP01	131.95 - 14.9 ft	3/10/08	6:55 - 7:06 pm
Caliper	B601DHCALTEST02		3/10/08	7:25 - 7:26 pm
ELOG	B601DHELOGTEST02		3/26/08	8:32 - 8:33 am
ELOG	B601DHELOGUP02	416.25 - 140.4 ft	3/26/08	9:41 - 10:08 am
ELOG	B601DHELOGUP03	169.4 - 110.75 ft	3/26/08	4:45 - 4:53 pm
ELOG	B601DHELOGTEST03		3/26/08	5:09 - 5:10 pm
PS velocity	B601DHSUSPDOWN02	150.92 - 400.26 ft	3/26/08	11:07 - 12:18 pm
PS velocity	B601DHSUSPDOWN03	118.1 - 157.5 ft	3/26/08	5:33 - 5:49 pm
Deviation	B601DHAUUP02	401.4 - 117.4 ft	3/26/08	1:17 - 1:32 pm
Caliper	B601DHCALTEST03		3/26/08	2:03 - 2:04 pm
Caliper	B601DHCALUP02	411.2 - 146.95 ft	3/26/08	2:21 - 2:48 pm

ITEMS WITH * MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL

GEOVision Geophysical Services

1151 Pomona Road, Unit P, Corona, CA 92882

Ph (951) 549-1234 Fx (951) 549-1236



PAGE*: 2 OF 2

PHONE:

BOREHOLE FLUID: WATER ; FRESH WATER MUD ☒ ; SALT WATER MUD

LOGGING CREW: C. Carter

[illegible]

Ph (951) 549-1234 Fx (951) 549-1236

ELOG FIELD LOG REV 1.1a



B-601 DH ELOG FIELD LOG
Borehole*

SITE*: Turkey Point NPP DATE*: 3/10/08
CLIENT*: MACTEC JOB*: 8083
AUTHOR*: C. Carter PAGE: 1 OF 2

CONTACT: _____ PHONE: Off Cell
CONTACT: _____ PHONE: Off Cell
CONTACT: _____ PHONE: Off Cell
CONTACT: _____ PHONE: Off Cell
COMPANY: _____

GENERAL SITE CONDITIONS/LOCATION: _____

COUNTY: Miami-Dade RANGE: _____ TOWNSHIP: _____ SECTION: _____
BOREHOLE CONSTRUCTION: CASED _____ UNCASD X
DIAMETERS AND DEPTH RANGES: 6" 0 TO 25 ft; 3 7/8" 25' TO 138.3 ft

BOREHOLE TOTAL DEPTH AS DRILLED*: 138.3 ft

SURFACE CASING?: YES X DEPTH TO BOTTOM OF CASING 25 ft; NO _____
DEPTH TO BEDROCK: ~3 ft DEPTH TO WATER TABLE: Ø
BOREHOLE FLUID: WATER _____; FRESH WATER MUD X; SALT WATER MUD _____
OTHER: _____
DEPTH TO BOREHOLE FLUID: Ø TIME SINCE LAST CIRCULATION: 3pm

LOGGING CREW: C. Carter
VEHICLE(S) USED AND MILEAGE: _____
MOBILIZED FROM: Florida City, FL DEPARTURE TIME: 6:30 am
ARRIVED ON SITE: 7am
STANDBY TIME: _____ CAUSE: _____

ITEMS WITH * MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL

ELOG FIELD LOG REV 1.1a



B-6010A ELOG FIELD LOG
Borehole*

SITE*: Turkey Point NPP DATE*: 3/10/08
CLIENT*: MACTEC JOB*: 8083
AUTHOR*: C. Carter PAGE: PAGE 2 OF 2

WINCH: COMPROBE SILVER ☒ OYO RG OTHER
MICROLOGGER* 5310 ☐ 5772 ☒ OTHER
ELOG PROBE* 5490 ☒ OTHER
SHEAVE* COMPROBE ☐ OYO 101 ☐ 102 ☒ 103 ☐ RG ☐

PROBE LENGTH	2.50M(8.20 FT)	
PLUS YOKE 10.0M (32.8 FT)*	32.8	
MINUS CASING STICK-UP*	1.58	
DEPTH REF. OFFSET AT START*	39.42	} REF TO GROUND SURFACE
DEPTH REF. OFFSET AT END*	39.40	
AFTER SURVEY DEPTH ERROR*	.02	

cc 3/10/08

LOG NAME*	START DEPTH*	START TIME	END DEPTH*	END TIME
B601ELOGTEST01				
B601ELOGUP				
B601DH ELOGTEST01		3:14		3:15 pm
B601DH ELOGUP01	137.65 ft	3:50	37.9 ft	4:01 pm

MAINTENANCE PERFORMED ON SITE*: N/A (N/A if none)

EQUIPMENT PROBLEMS OR FAILURES*: N/A (N/A if none)

SUGGESTIONS, ADDITIONS, CHANGES:

ITEMS WITH * MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL