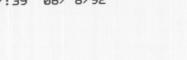


SP		DLOAD		MSFL			
-110[+]		<+KG					
GAMMA		TENS		SHALLOW RES		ITT MARK	
0	CALIPER	150	<+KG	.2	OHMM	2000	
10	INCHES	20	>M3	.2	OHMM	2000	1000/US
10	INCHES	20	<M3	.2	OHMM	2000	140 US/F 40

UPLUG # 1 Depth: 1243.20 Service:none. Unit:10598
 Replay Log Date: Time: Vers:2.24



 GAMMA RAY TOOL SHOP CALIBRATION SUMMARY
 PERFORMED: 22:22:30 11/ 3/92 LAST SHOP CALIBRATION: 17:37:39 08/ 8/92
 SERIAL NUMBER: 114401 MODEL: NGRT-A
 TRUCK UNIT NUMBER: 10598 PROGRAM VERSION: 2.24
 PERFORMED BY: L. JONES

	MEASURED	CALIBRATED	UNITS
BACKGROUND	5	5	GAPI
BACKGROUND+CALIBRATOR	229	226	GAPI
CALIBRATOR	223	221	GAPI

GAMMA RAY TOOL BEFORE SURVEY FIELD CHECK SUMMARY
 PERFORMED: 14:10:22 12/ 6/92 LAST SHOP CALIBRATION: 22:22:30 11/ 3/92

	SHOP	FIELD	UNITS
BACKGROUND	5	5	GAPI
BACKGROUND+CALIBRATOR	226	222	GAPI
CALIBRATOR	221	217	GAPI

GAMMA RAY TOOL AFTER SURVEY FIELD CHECK SUMMARY
 PERFORMED: 19:11:33 12/ 6/92 LAST SHOP CALIBRATION: 22:22:30 11/ 3/92

	BEFORE	AFTER	UNITS
BACKGROUND	5	4	GAPI
BACKGROUND+CALIBRATOR	223	225	GAPI
CALIBRATOR	217	220	GAPI

 DITS DUAL LATEROLOG SHOP CALIBRATION SUMMARY
 PERFORMED: 22:45:54 11/ 5/92 LAST SHOP CALIBRATION: 22:21:33 11/ 5/92
 SERIAL NUMBER: B000 MODEL: DLLT-A
 TRUCK UNIT NUMBER: 10598 PROGRAM VERSION: 2.24
 PERFORMED BY: L. JONES

	DEEP MEASURED	DEEP CALIBRATED	SHALLOW MEASURED	SHALLOW CALIBRATED	UNITS
EXT. CAL POINT #1	1.04	1.04	1.01	1.00	OHM-M
EXT. CAL POINT #2	119.40	119.47	99.65	99.63	OHM-M
EXT. CAL POINT #3	21500.29	20936.04	10000.16	10395.71	OHM-M
EXT. CAL POINT #4	1571.05	1567.00	1023.14	1026.70	OHM-M
INTERNAL REFERENC	19.50	19.53	19.62	19.60	OHM-M

DITS DUAL LATEROLOG BEFORE SURVEY FIELD CHECK SUMMARY
 PERFORMED: 15:37:19 12/ 6/92 LAST SHOP CALIBRATION: 22:45:54 11/ 5/92

	DEEP LATEROLOG SHOP	SHALLOW LATEROLOG FIELD	UNITS
INTERNAL:	19.53	19.60	OHM-M

DITS DUAL LATEROLOG AFTER SURVEY FIELD CHECK SUMMARY
 PERFORMED: 18:27:38 12/ 6/92 LAST SHOP CALIBRATION: 22:45:54 11/ 5/92

	DEEP LATEROLOG AFTER	SHALLOW LATEROLOG BEFORE	UNITS
INTERNAL	19.51	19.53	OHM-M

 MICRO GUARD SHOP CALIBRATION SUMMARY
 PERFORMED: 23:39:20 11/ 5/92 LAST SHOP CALIBRATION: 23:35:50 11/ 5/92
 SERIAL NUMBER: A006 MODEL: M320
 TRUCK UNIT NUMBER: 10598 PROGRAM VERSION: 2.24
 PERFORMED BY: L. JONES

	MEASURED	CALIBRATED	UNITS
EXT. CAL. POINT #1	0.20	0.20	OHM-M
EXT. CAL. POINT #2	19.93	20.00	OHM-M
EXT. CAL. POINT #3	1973.90	2000.00	OHM-M
INTERNAL REFERENCE	18.12	18.18	OHM-M

MICRO GUARD BEFORE SURVEY FIELD CHECK SUMMARY
 PERFORMED: 15:38:21 12/ 6/92 LAST SHOP CALIBRATION: 23:39:20 11/ 5/92

	SHOP	FIELD	UNITS
INT REF	18.18	18.18	OHM-M

MICRO GUARD AFTER SURVEY FIELD CHECK SUMMARY
 PERFORMED: 18:28:50 12/ 6/92 LAST SHOP CALIBRATION: 23:39:20 11/ 5/92

	BEFORE	AFTER	UNITS
INT REF.	18.18	18.18	OHM-M

 MSFL/MEL CALIPER SHOP CALIBRATION SUMMARY
 PERFORMED: 00:00:15 11/ 6/92 LAST SHOP CALIBRATION: 23:57:01 11/ 5/92
 SERIAL NUMBER: A006 MODEL: M320
 TRUCK UNIT NUMBER: 10598 PROGRAM VERSION: 2.24
 PERFORMED BY: L. JONES

	MEASURED	CALIBRATED	UNITS
VALUE 1	7.038	8.000	INCH
VALUE 2	15.027	15.000	INCH

MSFL/MEL CALIPER BEFORE SURVEY FIELD CHECK SUMMARY
 PERFORMED: 13:47:03 12/ 6/92 LAST SHOP CALIBRATION: 00:00:15 11/ 6/92

	SHOP	FIELD	UNITS
VALUE 1	8.000	7.978	INCH

MSFL/MEL CALIPER AFTER SURVEY FIELD CHECK SUMMARY
 PERFORMED: 18:33:09 12/ 6/92 LAST SHOP CALIBRATION: 00:00:15 11/ 6/92

	BEFORE	AFTER	UNITS
VALUE 1	7.978	7.651	INCH

SERVICE or SIGNAL	SHOP	BEFORE	AFTER	CHANGE	TOLERANCE
GAMMA	221	217	228	-2	+/- 9.0
DEEP LATEROLOG:	19.526	19.526	19.514	0.013	+/- 0.8
SHALLOW LATEROLOG:	19.600	19.579	19.548	0.030	+/- 0.8
MICROGUARD	18.183	18.185	18.178	0.006	+/- 0.8
CALIPER VALUE 1	8.000	7.978	7.651	0.327	+/- 0.5

PLS-II FILTER & DELAY SUMMARY

FILTER & DELAY SUMMARY

DATE: 6-DEC-1992 20:03:32

FILTER LENGTH AND DELAY ARE IN METERS

MNEM	TOOL	DESCRIPTION	FILTER LENGTH	DELAY	FILTER TYPE
TENS	DITSHD	CABLE TENSION	0.000	0.000	BLOCK
MAGMRK	DITSHD	DEPTH PANEL MAGNETIC MARK	0.000	0.000	NONE
DLOAD	CH_TEN	CABLE HEAD TENSION	0.000	0.000	BLOCK
BHTEMP	CH_TEN	CH BORE HOLE TEMPERATURE	0.000	0.000	BLOCK
PLOC	CH_TEN	CABLE HEAD PAD LOCATOR	0.600	31.006	BLOCK
SP	BRID_R	SPONTANEOUS POTENTIAL	0.000	0.000	NONE
WS_V	DSTU	AUXILIARY POWER VOLTAGE	0.000	0.000	NONE
DSTEMP	DSTU	INSTUMENT TEMPERATURE (F)	1.200	30.035	BLOCK
RGR	GAMMA	NATURAL GAMMA RAY	0.500	26.175	BLOCK
NNOISE	FWST2	NEAR RECEIVER NOISE	0.000	17.305	NONE
FNOISE	FWST2	FAR RECEIVER NOISE	0.000	17.305	NONE
TT_N	FWST2	NEAR TRAVEL TIME	0.000	19.050	NONE
TT_F	FWST2	FAR TRAVEL TIME	0.000	18.905	NONE
GAIN_N	FWST2	NEAR RECEIVER GAIN	0.000	17.305	NONE
GAIN_F	FWST2	FAR RECEIVER GAIN	0.000	17.305	NONE
DT	FWST2	DELTA T COMPRESSIVE	0.400	16.924	TRIANGLE
DT_UNF	FWST2	DELTA T UNFILTERED	0.700	16.924	TRIANGLE
DT_RCV	FWST2	DELTA T AT RECEIVER	0.000	17.381	NONE
DT_XMT	FWST2	DELTA T AT TRANSMITTER	0.000	17.381	NONE
DT_Q	FWST2	DELTA T QUALITY	0.000	17.305	NONE
PKCODE	FWST2	PICK CODE	0.000	17.305	NONE
ALPHA	FWST2	ALPHA	0.000	17.305	NONE
ERROR	FWST2	ERROR	0.000	16.924	TRIANGLE
MSG_SG	FWST2	MSG SHEAR GAIN	0.400	15.991	NONE
MSGGAI	FWST2	MSG GAIN	0.000	16.924	NONE
MSGRCV	FWST2	MSG RECEIVER	0.000	16.924	NONE
AMPL	FWST2	AMPLITUDE	0.533	17.034	BLOCK
WF1A	FWST2	FWST RECEIVER 1 WAVEFORM	0.000	17.287	NONE
WF2A	FWST2	FWST RECEIVER 2 WAVEFORM	0.000	17.287	NONE
SHVE	DLLT	LATEROLOG SHALLOW VE	0.500	6.330	BLOCK
SHIA	DLLT	LATEROLOG SHALLOW IA	0.500	6.330	BLOCK
DPVE	DLLT	LATEROLOG DEEP VE	0.500	6.330	BLOCK
DPIA	DLLT	DUAL LATEROLOG	0.500	6.330	BLOCK
VODCDT	DLLT	VODC DEEP TOTAL	0.200	1.340	BLOCK
MCVE	MCGRD	MICRO GUARD VE	0.000	1.340	NONE
MCVEUF	MCGRD	MICRO GUARD VE UNFILTERED	0.000	1.340	BLOCK
MCIA	MCGRD	MICRO GUARD IA	0.200	1.340	NONE
MCIAUF	MCGRD	MICRO GUARD IA UNFILTERED	0.000	1.340	BLOCK
CALIP	CALI_2	MSFL CALIPER	0.300	1.340	BLOCK

