

CP 28-4A FILE 2 09-DEC-87 00153 REPEAT SECTION

GR (GRP1) 16.000 TENSILE 0.0
 6.000 CALIBR. 16.000 MINV(DHMM) 40.000
 0.0 GR (GRP2) 200.00
 200.00 GR (GRP3) 200.00 MORE(DHMM) 50.000

SENSOR MEASURE POINT TO TOOL ZERO

STEG 49.5 FEET
 LA 48.3 FEET
 SA 48.3 FEET
 SCAL 23.7 FEET
 LS 2.6 FEET
 LTH 2.6 FEET
 SZ 2.1 FEET
 SZL 2.7 FEET
 MNV 48.3 FEET
 MNR 48.3 FEET

NAME VALUE UNIT
 SHW 80.000 DEG F
 MC CAL 10000.0
 AMO 9.00000 LB/G
 MC 2.00000 IN

BEFORE SURVEY CALIBRATION SUMMARY

PERFORMED: 08-DEC-87 03157
 PROGRAM FILE: LCP (VERSION 88-4A 86/04/93)

SOIL DETECTOR CALIBRATION SUMMARY

GR MGR JIG CALIBRATED UNITS
 115 204 165 0.01

LBTC DETECTOR CALIBRATION SUMMARY

GRS SENS. NUMBER 2869
 NUCLEAR SERVICE CHARTER NUMBER 2788
 POWERED GAMA-DHMM DETECTOR NUMBER 2749
 DETECTOR CALIBRATION MODE DATE
 RHD DENSITY 9.30000 LB/G

NAME VALUE UNIT
 LL 18.7 82.9 92.0 CPS
 LS 45.3 145.3 141.0 CPS
 LTH 13.7 169.7 186.0 CPS
 SZL 9.3 297.2 288.5 CPS

DNTH DETECTOR CALIBRATION SUMMARY

NAME VALUE UNIT
 INPUT CALIBRATED MEASURED JIG CALIBRATED
 2.2840 2.158 2.195 2.278

PCBB ELECTRONICS CALIBRATION SUMMARY

MEASURED ZERO PLUS UNITS
 0.0 0.0 5.0 0.0
 0.0 0.0 5.0 0.0

PCBB CALIPER CALIBRATION SUMMARY

MEASURED CALIBRATED UNITS
 LA 3.62 12.0 16.0 IN
 SA 4.68 8.5 0.0 5.5 IN

LBTC CALIPER CALIBRATION SUMMARY

MEASURED CALIBRATED UNITS
 CALI SMALL LARGE SMALL LARGE
 8.70 12.0 12.0 12.0 12.0 12.0

CP 28-4A FILE 1 09-DEC-87 23156

AFTER SURVEY TOOL CHECK SUMMARY

PERFORMED: 08-DEC-87 03117
 PROGRAM FILE: LCP (VERSION 88-4A 86/04/93)

LBTC TOOL CHECK

GRS SENS. NUMBER 2869
 POWERED GAMA-DHMM DETECTOR NUMBER 2749
 DETECTOR CALIBRATION MODE DATE
 RHD DENSITY 9.30000 LB/G

NAME VALUE UNIT
 LL 18.7 82.9 92.0 CPS
 LS 45.3 145.3 141.0 CPS
 LTH 13.7 169.7 186.0 CPS
 SZL 9.3 297.2 288.5 CPS

DNTH TOOL CHECK

NAME VALUE UNIT
 INPUT CALIBRATED MEASURED JIG CALIBRATED
 2.2840 2.158 2.195 2.278

PCBB ELECTRONICS CALIBRATION SUMMARY

MEASURED ZERO PLUS UNITS
 0.0 0.0 5.0 0.0
 0.0 0.0 5.0 0.0

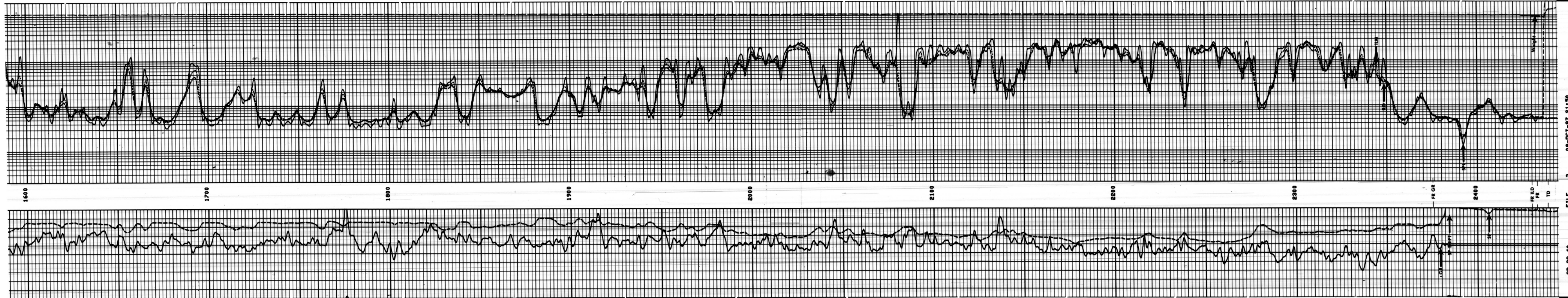
PCBB CALIPER CALIBRATION SUMMARY

MEASURED CALIBRATED UNITS
 LA 3.62 12.0 16.0 IN
 SA 4.68 8.5 0.0 5.5 IN

LBTC CALIPER CALIBRATION SUMMARY

MEASURED CALIBRATED UNITS
 CALI SMALL LARGE SMALL LARGE
 8.70 12.0 12.0 12.0 12.0 12.0

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CP 28-4A FILE 3 08-DEC-87 21139

GR (GRP1) 200.00 TENSILE 0.0
 200.00 GR (GRP2) 400.00 MINV(DHMM) 400.0
 400.0 GR (GRP3) 400.00 MORE(DHMM) 400.0

SENSOR MEASURE POINT TO TOOL ZERO

AMPL 43.9 FEET
 CIL 43.9 FEET
 TIL 43.9 FEET
 LIL 43.9 FEET
 GR 43.9 FEET
 SCAL 43.9 FEET
 LS 2.6 FEET
 LTH 2.6 FEET
 SZ 2.1 FEET
 SZL 2.7 FEET
 MNV 43.9 FEET
 MNR 43.9 FEET

NAME VALUE UNIT
 SPTS VOL US/F
 BTH 27.4000 US
 MAGD 0.00 LB/G
 AMSC 4.00000 DHMM
 PPHI 0.00000 IN

REPEAT SECTION

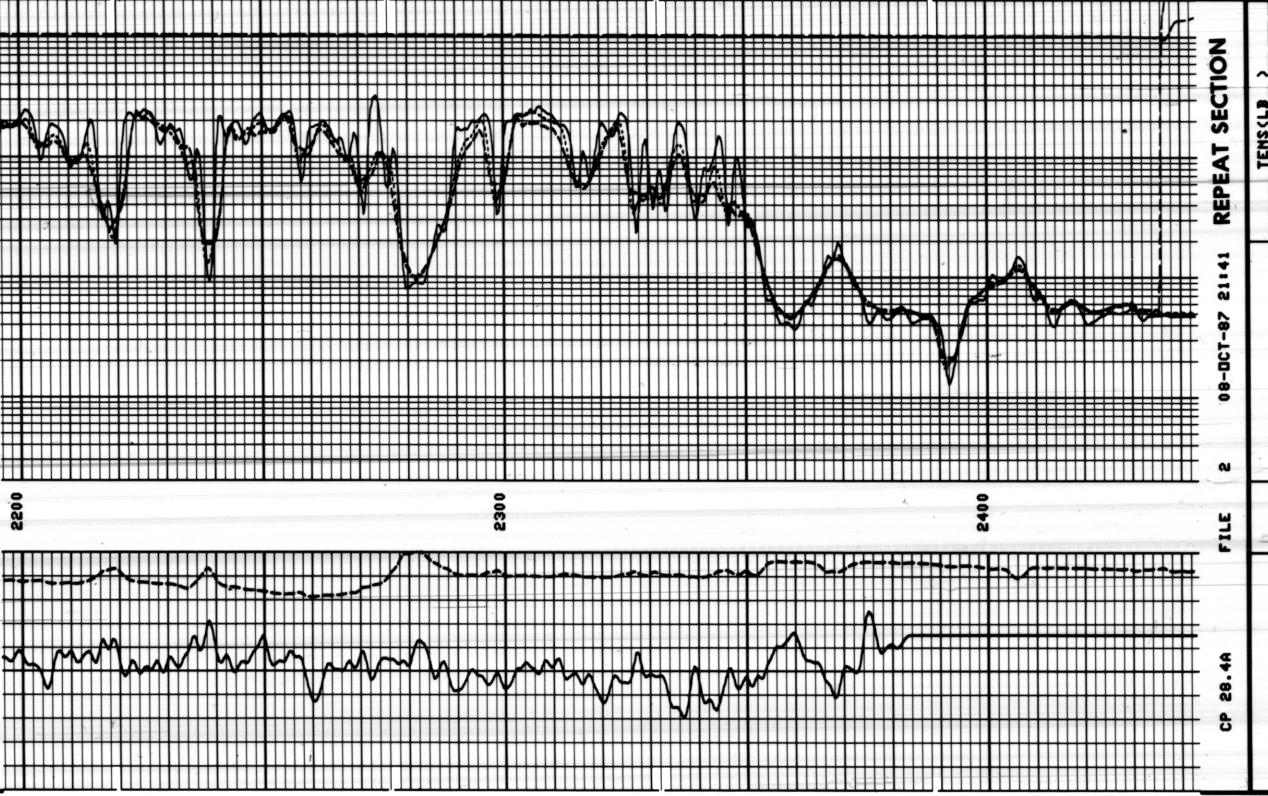
CP 28-4A FILE 2 08-DEC-87 21146

GR (GRP1) 200.00 TENSILE 0.0
 200.00 GR (GRP2) 400.00 MINV(DHMM) 400.0
 400.0 GR (GRP3) 400.00 MORE(DHMM) 400.0

SENSOR MEASURE POINT TO TOOL ZERO

AMPL 43.9 FEET
 CIL 43.9 FEET
 TIL 43.9 FEET
 LIL 43.9 FEET
 GR 43.9 FEET
 SCAL 43.9 FEET
 LS 2.6 FEET
 LTH 2.6 FEET
 SZ 2.1 FEET
 SZL 2.7 FEET
 MNV 43.9 FEET
 MNR 43.9 FEET

NAME VALUE UNIT
 SPTS VOL US/F
 BTH 27.4000 US
 MAGD 0.00 LB/G
 AMSC 4.00000 DHMM
 PPHI 0.00000 IN



CP 28-4A FILE 5 08-DEC-87 25136

GR (GRP1) 200.00 TENSILE 0.0
 200.00 GR (GRP2) 400.00 MINV(DHMM) 400.0
 400.0 GR (GRP3) 400.00 MORE(DHMM) 400.0

SENSOR MEASURE POINT TO TOOL ZERO

AMPL 43.9 FEET
 CIL 43.9 FEET
 TIL 43.9 FEET
 LIL 43.9 FEET
 GR 43.9 FEET
 SCAL 43.9 FEET
 LS 2.6 FEET
 LTH 2.6 FEET
 SZ 2.1 FEET
 SZL 2.7 FEET
 MNV 43.9 FEET
 MNR 43.9 FEET

NAME VALUE UNIT
 SPTS VOL US/F
 BTH 27.4000 US
 MAGD 0.00 LB/G
 AMSC 4.00000 DHMM
 PPHI 0.00000 IN

AFTER SURVEY TOOL CHECK SUMMARY

PERFORMED: 08-DEC-87 25136
 PROGRAM FILE: LCP (VERSION 88-4A 86/04/93)

SOIL DETECTOR CALIBRATION SUMMARY

GR MGR JIG CALIBRATED UNITS
 115 204 165 0.01

LBTC DETECTOR CALIBRATION SUMMARY

GRS SENS. NUMBER 2869
 NUCLEAR SERVICE CHARTER NUMBER 2788
 POWERED GAMA-DHMM DETECTOR NUMBER 2749
 DETECTOR CALIBRATION MODE DATE
 RHD DENSITY 9.30000 LB/G

NAME VALUE UNIT
 LL 18.7 82.9 92.0 CPS
 LS 45.3 145.3 141.0 CPS
 LTH 13.7 169.7 186.0 CPS
 SZL 9.3 297.2 288.5 CPS

DNTH DETECTOR CALIBRATION SUMMARY

NAME VALUE UNIT
 INPUT CALIBRATED MEASURED JIG CALIBRATED
 2.2840 2.158 2.195 2.278

PCBB ELECTRONICS CALIBRATION SUMMARY

MEASURED ZERO PLUS UNITS
 0.0 0.0 5.0 0.0
 0.0 0.0 5.0 0.0

PCBB CALIPER CALIBRATION SUMMARY

MEASURED CALIBRATED UNITS
 LA 3.62 12.0 16.0 IN
 SA 4.68 8.5 0.0 5.5 IN

LBTC CALIPER CALIBRATION SUMMARY

MEASURED CALIBRATED UNITS
 CALI SMALL LARGE SMALL LARGE
 8.70 12.0 12.0 12.0 12.0 12.0

CP 28-4A FILE 1 08-DEC-87 21139

AFTER SURVEY TOOL CHECK SUMMARY

PERFORMED: 16-SEP-87 09134
 PROGRAM FILE: SHIP (VERSION 88-4A 86/07/21)

SOIL DETECTOR CALIBRATION SUMMARY

GR MGR JIG CALIBRATED UNITS
 115 204 165 0.01

LBTC DETECTOR CALIBRATION SUMMARY

GRS SENS. NUMBER 2869
 NUCLEAR SERVICE CHARTER NUMBER 2788
 POWERED GAMA-DHMM DETECTOR NUMBER 2749
 DETECTOR CALIBRATION MODE DATE
 RHD DENSITY 9.30000 LB/G

NAME VALUE UNIT
 LL 18.7 82.9 92.0 CPS
 LS 45.3 145.3 141.0 CPS
 LTH 13.7 169.7 186.0 CPS
 SZL 9.3 297.2 288.5 CPS

DNTH DETECTOR CALIBRATION SUMMARY

NAME VALUE UNIT
 INPUT CALIBRATED MEASURED JIG CALIBRATED
 2.2840 2.158 2.195 2.278

PCBB ELECTRONICS CALIBRATION SUMMARY

MEASURED ZERO PLUS UNITS
 0.0 0.0 5.0 0.0
 0.0 0.0 5.0 0.0

PCBB CALIPER CALIBRATION SUMMARY

MEASURED CALIBRATED UNITS
 LA 3.62 12.0 16.0 IN
 SA 4.68 8.5 0.0 5.5 IN

LBTC CALIPER CALIBRATION SUMMARY

MEASURED CALIBRATED UNITS
 CALI SMALL LARGE SMALL LARGE
 8.70 12.0 12.0 12.0 12.0 12.0

CP 28-4A FILE 1 08-DEC-87 21139