

Project: Last Chance Grade **Date:** 10/26/20

Location: Crescent City, CA **Diameter:** 3.84"

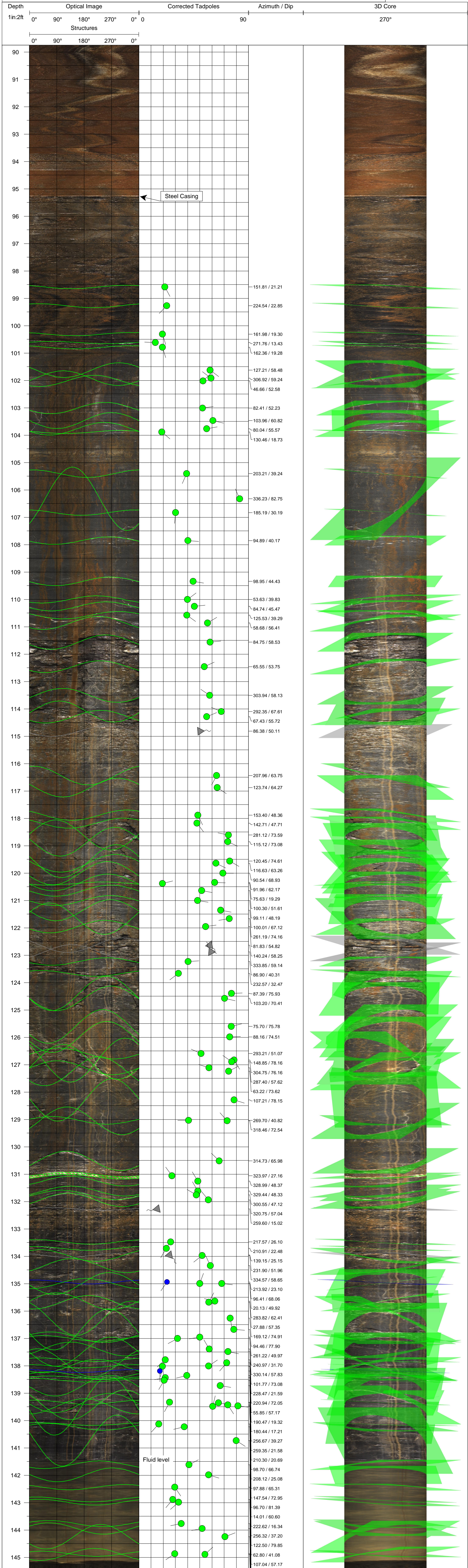
Client: Kleinfelder **Logged By:** R Steller

Borehole ID: RC-20-011 (B-32) **Start Depth:** 89.75

Comments: Corrected Tadpoles and Azimuth Dip oriented to true north. **End Depth:** 145.49

Structural Legend:

Broken Zone / Undifferentiated Filled Joint / Fracture Bedding / Banding / Foliation



Aquisition Information:

Project: Last Chance Grade
Location: Crescent City, CA
Client: Kleinfelder
Service Company: Crux Subsurface Inc.
Borehole ID: RC-21-001 (B-47)
Date: 01-10-2021
Diameter: HQ
Start Depth: 34.42
End Depth: 144.12
Tool Type(s): ABI40 Acoustic Televiewer

Processing Information:

Processing Company: GEOVision Inc.
Processed: A McNab 03/04/2021
Reviewed: VMG 03/11/2021
Depth Unit: Feet Log Scale: 1in:2ft Log Version: Final

Log Nomenclature:

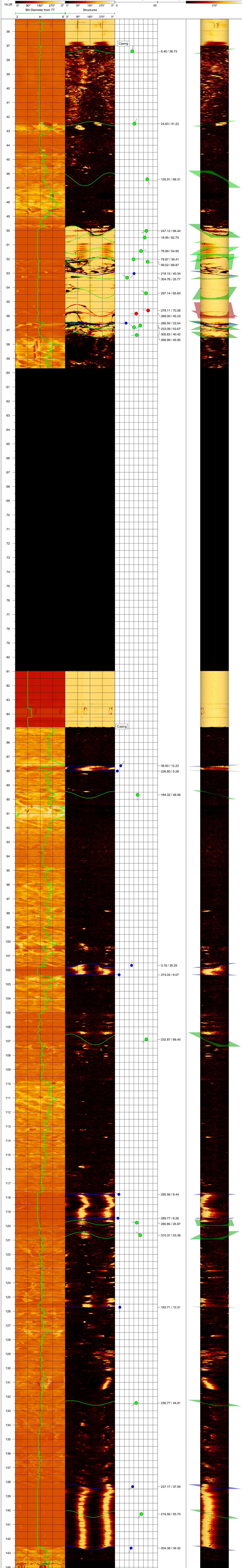
Amplitude-NM = Acoustic amplitude (magnetic north)
BH Diameter from TT = Borehole diameter estimated from acoustic travel time (magnetic north and centralized)
Structures = Apparent Structures oriented to hole
Corrected Tadpoles and Azimuth / Dip = Structures Oriented to true north
3D Core = 3D representation of acoustic log

Structural Legend:

● Open Joint / Fracture ● Filled Joint / Fracture
● Bedding / Banding / Foliation

Comments:

1. 34.42 to 40.0 and 87.6 to 80.3 feet borehole azimuth estimated due to magnetic effects of casing.
2. Borehole logged in two section. No data between 59.7 and 80.3.
3. Feature dip calculated using average borehole radius from travel time.



Aquisition Information:

Project: Last Chance Grade
Location: Crescent City, CA
Client: Kleinfelder
Service Company: Crux Subsurface Inc.
Borehole ID: RC-21-001 (B-47)
Date: 01-11-2021
Diameter: HQ
Start Depth: 33.52
End Depth: 131.73
Tool Type(s): OBI40 Optical Televiwer

Processing Information:

Processing Company: GEOVision Inc.
Processed: A McNab 03/04/2021
Reviewed: VMG 03/11/2021
Depth Unit: Feet Log Scale: 1in:2ft Log Version: Final

Log Nomenclature:

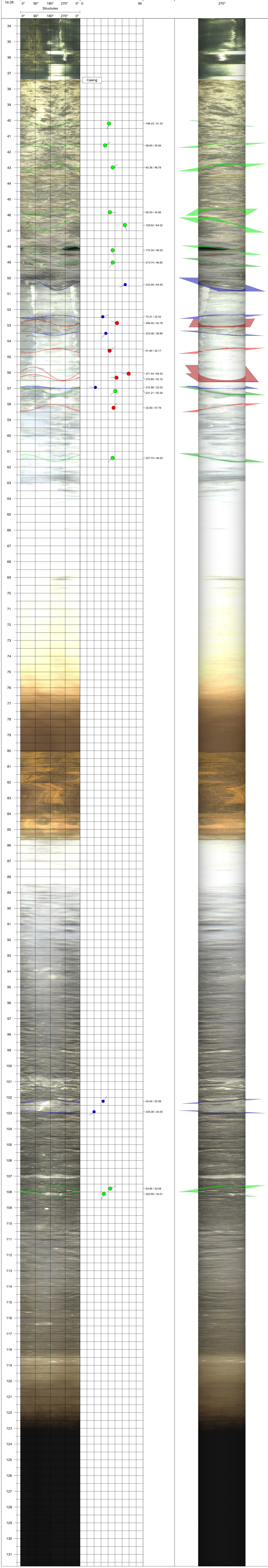
Image-NM = Optical image oriented to magnetic north
Structures = Apparent Structures oriented to hole
Corrected Tadpoles and Azimuth / Dip = Structures oriented to true north
3D Core = 3D representation of optical log

Structural Legend:

- Open Joint / Fracture ● Filled Joint / Fracture
● Bedding / Banding / Foliation

Comments:

1. 33.52 to 41.0 feet borehole azimuth estimated due to magnetic effects of casing.
2. Image contains two logs from different runs.
3. Borehole caliper calculated from acoustic televiwer data used for dip calculation of features.



Aquisition Information:

Project: Last Chance Grade
Location: Crescent City, CA
Client: Kleinfelder
Service Company: Crux Subsurface Inc.
Borehole ID: RC-20-019 (B-50)
Date: 12-19-2020
Diameter: 5"/HQ
Start Depth: 7.0
End Depth: 142.5
Tool Type(s): ABI40 Acoustic Televiewer

Processing Information:

Processing Company: GEOVision Inc.
Processed: A McNab 03/04/2021
Reviewed: VMG 03/11/2021
Depth Unit: Feet Log Scale: 1in:2ft Log Version: Final

Log Nomenclature:

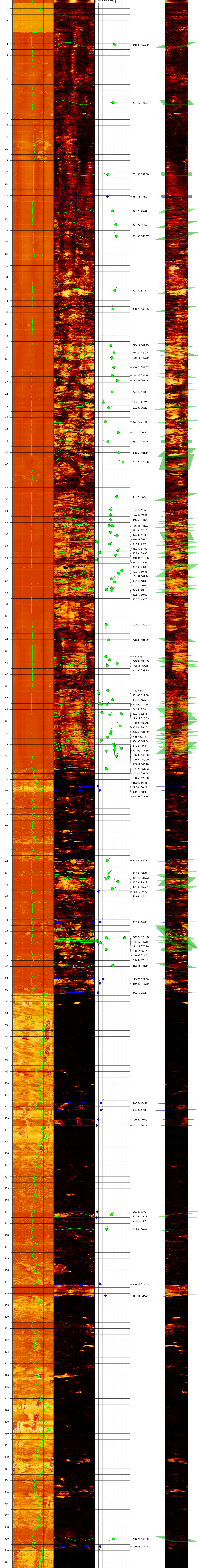
Amplitude-NM = Acoustic amplitude (magnetic north)
BH Diameter fro TT = Borehole diameter estimated from acoustic travel time (magnetic north and centralized)
Structures = Apparent Structures oriented to hole
Corrected Tadpoles and Azimuth / Dip = Structures Oriented to true north
3D Core = 3D representation of acoustic log
Centralized Travel Time = Two way acoustic travel time (magnetic north and centralized)

Structural Legend:

● Filled Joint / Fracture ● Bedding / Banding / Foliation

Comments:

- 7.0 to 14.0 feet borehole azimuth estimated due to magnetic effects of casing.
- Assumed borehole diameter of 3.779 inches used for feature dip calculation due to scattered travel time data.



Aquisition Information:

Project: Last Chance Grade
Location: Crescent City, CA
Client: Kleinfelder
Service Company: Crux Subsurface Inc.
Borehole ID: RC-20-016 (WP3)
Date: 12-05-2020
Diameter: HQ
Start Depth: 117.39
End Depth: 272.99
Tool Type(s): OBI40 Optical Televiewer

Processing Information:

Processing Company: GEOVision Inc.
Processed: A McNab 03/04/2021
Reviewed: VMG 3/12/2021
Depth Unit: Feet Log Scale: 1in:2ft Log Version: Final

Log Nomenclature:

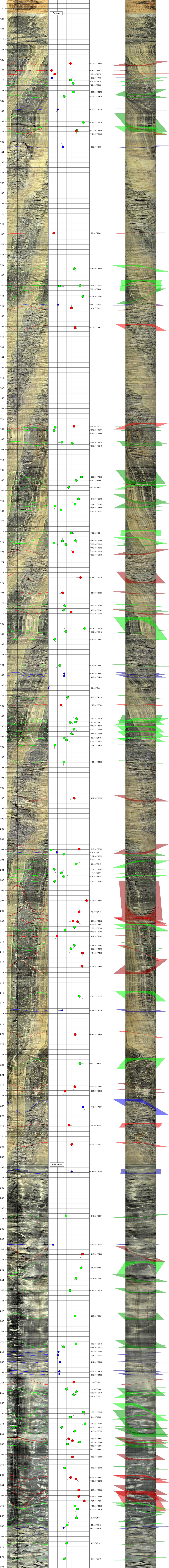
Image-NM = Optical image oriented to magnetic north
Structures = Apparent Structures oriented to hole
Corrected Tadpoles and Azimuth / Dip = Structures Oriented to true north
3D Core = 3D representation of optical log

Structural Legend:

- Open Joint / Fracture
- Filled Joint / Fracture
- Bedding / Banding / Foliation

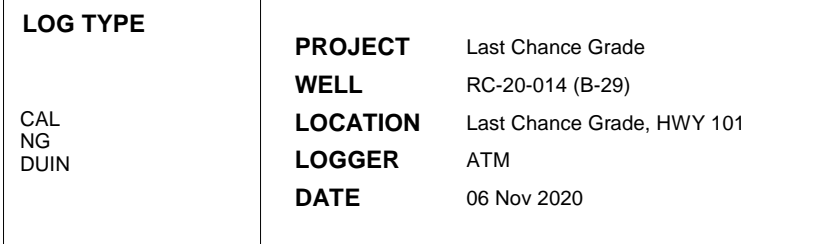
Comments:

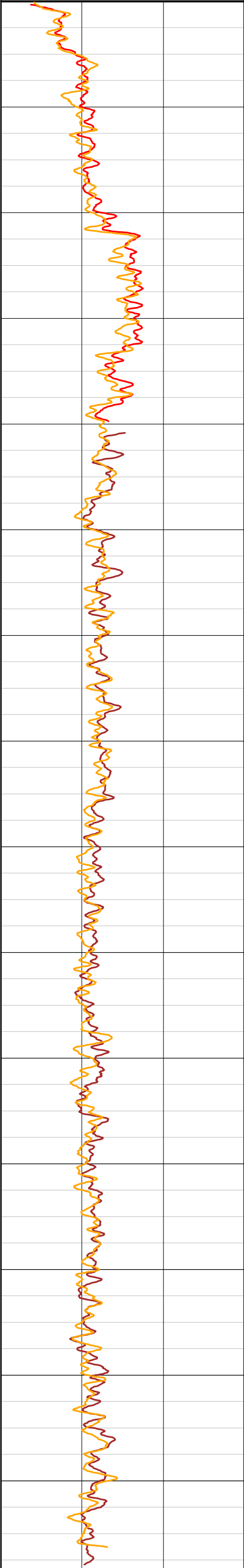
1. 117.09 to 124.0 feet borehole azimuth estimated due to magnetic effects of casing.
2. Assumed borehole diameter of 3.779 inches used for feature dip calculation.

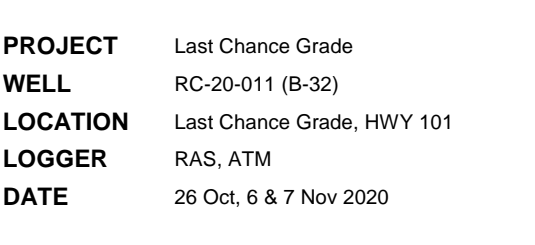


APPENDIX C

DUAL INDUCTION, CALIPER, AND NATURAL GAMMA LOGS



Natural Gamma (NG)				Mechanical 3 Arm Caliper (CAL)			Dual Induction (DUIN)		
Natural Gamma (CAL) 1			Depth Feet 1in:20ft	Borehole Diameter 1			Conductivity (long) 1		
<div>0 API 150</div>				<div>3 INCH 6</div>			<div>-20 mS/m 20</div>		
Natural Gamma (CAL) 2				Borehole Diameter 2			Conductivity (short) 1		
<div>0 API 150</div>				<div>3 INCH 6</div>			<div>-20 mS/m 20</div>		
Natural Gamma (DUIN) 1									
<div>0 API 150</div>									
									
			0						
			20						
			40						
			60						
			80						
			100						
			120						
			140						
			160						
			180						
			200						
			220						
			240						
			260						
			280						



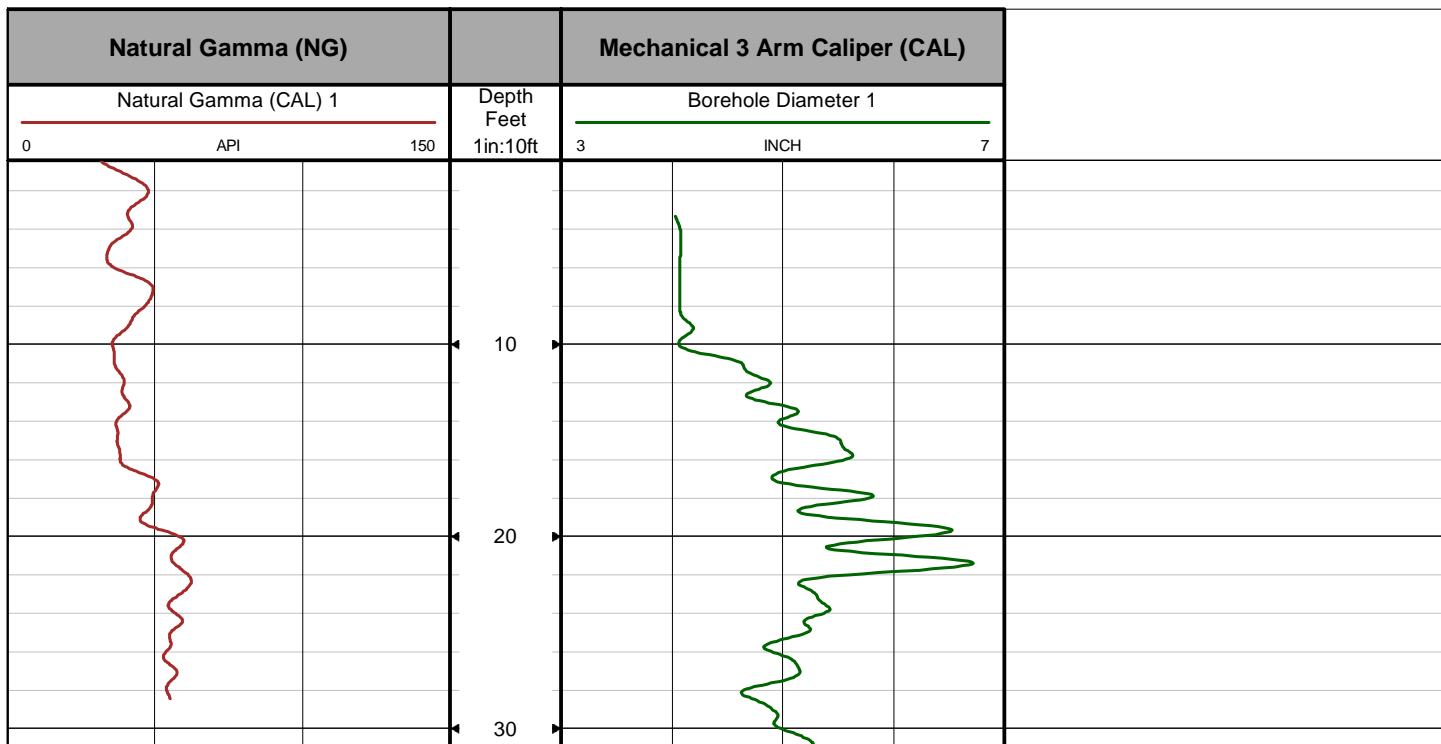


CLIENT Kleinfelder

LOG TYPE

CAL
NG

PROJECT Last Chance Grade
WELL RC-20-020 (B-46)
LOCATION Last Chance Grade, HWY 101
LOGGER ATM
DATE 17 Dec 2020



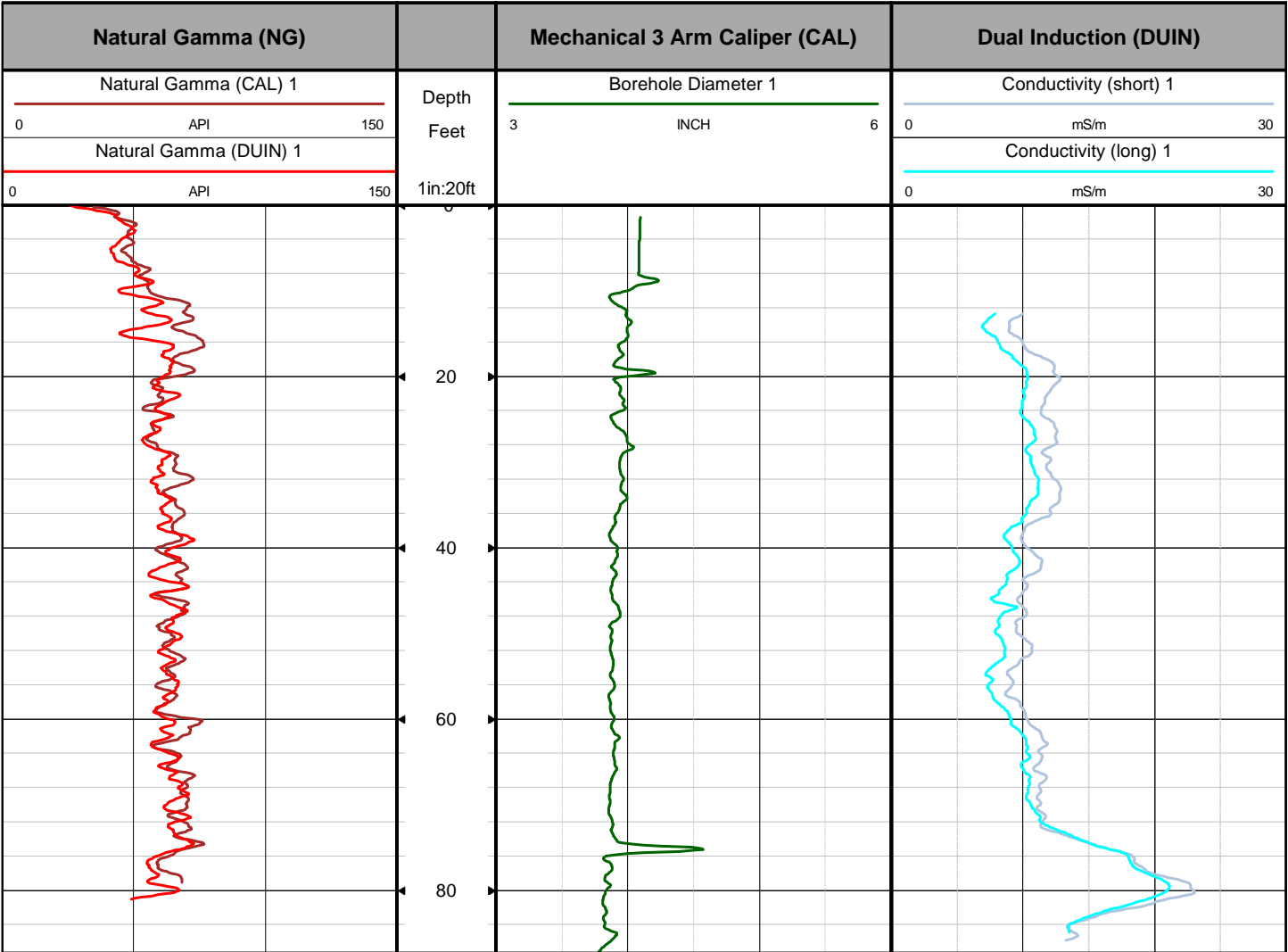


CLIENT Kleinfelder

LOG TYPE

CAL
NG
DUIN

PROJECT Last Chance Grade
WELL RC-20-019 (B-50)
LOCATION Last Chance Grade, HWY 101
LOGGER ATM
DATE 17 Dec 2020



APPENDIX D

BORING GEOPHYSICAL LOGGING SYSTEMS - NIST TRACEABLE CALIBRATION RECORDS



MICRO PRECISION CALIBRATION, INC
2165 N. Glassell St.,
Orange, CA 92865
714-901-5659

Certificate of Calibration

Date: Sep 25, 2020

Cert No. 551220083842964

Customer:

GEOVISION

1124 OLYMPIC DRIVE
CORONA CA 92881

MPC Control #: BG9697

Asset ID: 19029

Gage Type: LOGGER

Manufacturer: OYO

Model Number: 3331-A

Size: N/A

Temp/RH: 26.7°C / 41.2%

Location: Calibration performed at MPC facility

Work Order #: LA-90048091

Purchase Order #: OH-200925-01

Serial Number: 19029

Department: N/A

Performed By: TYLER MCKEEN

Received Condition: IN TOLERANCE

Returned Condition: IN TOLERANCE

Cal. Date: September 18, 2020

Cal. Interval: 12 MONTHS

Cal. Due Date: September 18, 2021

Calibration Notes:

See Attached Data Sheet For Calculations (1 Page)

This Certificate Supersedes Cert No. 551220083842708, Corrected Serial Number.

Calibrated IAW customer supplied data form Rev 2.1

Frequency measurement uncertainty = 0.0005 Hz

Unit calibrated with Panasonic Toughbook CF-31 Ser#: 2ITYA90009

Calibrated to 4:1 accuracy ratio.

Standards Used to Calibrate Equipment

I.D.	Description.	Model	Serial	Manufacturer	Cal. Due Date	Traceability #
DB8748	GPS TIME AND FREQUENCY RECEIVER	58503A	3625A01225	HEWLETT PACKARD	Apr 30, 2021	551220083021224
BD7715	UNIVERSAL COUNTER	53131A	3416A05377	HEWLETT PACKARD	Apr 30, 2021	551220082934517
LAS0052	ARB / FUNC GENERATOR	33250A	MY40029031	AGILENT	Oct 31, 2020	551220083302616

Calibrating Technician:

TYLER MCKEEN

QC Approval:

NIKOLAS GROHMAN

STATEMENTS OF PASS OR FAIL CONFORMANCE: The uncertainty of measurement has been taken into account when determining compliance with specification. All measurements and test results guard banded to ensure the probability of false-accept does not exceed 2% in compliance with ANSI/NC SL Z540.3-2006 and in case without guard banded the probability of false-accept depending on test uncertainty ratio.

THE CALIBRATION REPORT STATUS:

PASS- Term used when compliance statement is given, and the measurement result is PASS.

PASS? Term used when compliance statement is given, and the measurement result is conditional passed or PASS?

FAIL- Term used when compliance statement is given, and the measurement result is FAIL.

FAIL? Term used when compliance statement is given, and the measurement result is conditional failed or FAIL?

REPORT OF VALUE - Term used when reported measurement is not requiring compliance statement in report.

ADJUSTED- When adjustments are made to an instrument which changes the value of measurement from what was measured as found to new value as left.

LIMITED - When an instrument fails calibration but is still functional in a limited manner.

The expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor $k=2$, which for a normal distribution corresponds to a coverage probability of approximately 95%, unless otherwise stated. This calibration report complies with ISO/IEC 17025:2017 and ANSI/NC SL Z540.3. Calibration cycles and resulting due dates were submitted/approved by the customer. Any number of factors may cause an instrument to drift out of tolerance before the next scheduled calibration. Recalibration cycles should be based on frequency of use, environmental conditions and customer's established systematic accuracy. All standards are traceable to SI through the National Institute of Standards and Technology (NIST) and/or recognized national or international standards laboratories. Services rendered include proper manufacturer's service instruction and are warranted for no less than thirty (30) days. The information on this report pertains only to the instrument identified, this may not be reproduced in part or in a whole without the prior written approval of the issuing MP Calibration Laboratory.



MICRO PRECISION CALIBRATION, INC
2165 N. Glassell St.,
Orange, CA 92865
714-901-5659

Certificate of Calibration

Date: Sep 25, 2020

Cert No. 551220083842964

Procedures Used in this Event

Procedure Name	Description
GEOVISION SEISMIC Rev. 2.1	Seismic Logger/Recorder Calibration Procedure, Rev. 2.1

Calibrating Technician:

TYLER MCKEEN

QC Approval:

NIKOLAS GROHMAN

STATEMENTS OF PASS OR FAIL CONFORMANCE: The uncertainty of measurement has been taken into account when determining compliance with specification. All measurements and test results guard banded to ensure the probability of false-accept does not exceed 2% in compliance with ANSI/NCSL Z540.3-2006 and in case without guard banded the probability of false-accept depending on test uncertainty ratio.

THE CALIBRATION REPORT STATUS:

PASS- Term used when compliance statement is given, and the measurement result is PASS.

PASS²- Term used when compliance statement is given, and the measurement result is conditional passed or PASS².

FAIL- Term used when compliance statement is given, and the measurement result is FAIL.

FAIL²- Term used when compliance statement is given, and the measurement result is conditional failed or FAIL².

REPORT OF VALUE - Term used when reported measurement is not requiring compliance statement in report.

ADJUSTED- When adjustments are made to an instrument which changes the value of measurement from what was measured as found to new value as left.

LIMITED - When an instrument fails calibration but is still functional in a limited manner.

The expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor $k=2$, which for a normal distribution corresponds to a coverage probability of approximately 95%, unless otherwise stated. This calibration report complies with ISO/IEC 17025:2017 and ANSI/NCSL Z540.3. Calibration cycles and resulting due dates were submitted/approved by the customer. Any number of factors may cause an instrument to drift out of tolerance before the next scheduled calibration. Recalibration cycles should be based on frequency of use, environmental conditions and customer's established systematic accuracy. All standards are traceable to SI through the National Institute of Standards and Technology (NIST) and/or recognized national or international standards laboratories. Services rendered include proper manufacturer's service instruction and are warranted for no less than thirty (30) days. The information on this report pertains only to the instrument identified, this may not be reproduced in part or in a whole without the prior written approval of the issuing MP Calibration Laboratory.

BQ 9697



SUSPENSION PS SEISMIC LOGGER/RECORDER CALIBRATION DATA FORM

INSTRUMENT DATA

System mfg.:	<u>040</u>	Model no.:	<u>3331 A</u>
Serial no.:	<u>19029</u>	Calibration date:	<u>9/10/2020</u>
By:	<u>MICROPRECISION</u>	Due date:	<u>9/10/2021</u>
Counter mfg.:	<u>HEWLETT PACKARD</u>	Model no.:	<u>53131A</u>
Serial no.:	<u>3416A05377</u>	Calibration date:	<u>4/23/2020</u>
By:	<u>MICROPRECISION</u>	Due date:	<u>4/30/2021</u>
Signal generator mfg.:	<u>AGILENT</u>	Model no.:	<u>33250A</u>
Serial no.:	<u>MY40029031</u>	Calibration date:	<u>10/31/2019</u>
By:	<u>MICROPRECISION</u>	Due date:	<u>10/31/2020</u>
Laptop controller mfg.:	<u>PANASONIC</u>	Model no.:	<u>CF-31</u>
Serial no.:	<u>2174A90009</u>	Calibration date:	<u>N/A</u>

SYSTEM SETTINGS:

Gain:	<u>10</u>
Filter	<u>5HZ LOW CUT, 20KHZ HI CUT</u>
Range:	<u>5-200ms</u>
Delay:	<u>0</u>
Stack (1 std)	<u>1</u>
System date = correct date and time	<u>✓</u>

PROCEDURE:

Set sine wave frequency to target frequency with amplitude of approximately 0.25 volt peak

Note actual frequency on data form.

Set sample period and record data file to disk. Note file name on data form.

Pick duration of 9 cycles using PSLOG.EXE program, note duration on data form, and save as .sps file. Calculate average frequency for each channel pair and note on data form.

Average frequency must be within +/- 1% of actual frequency at all data points.

Maximum error ((AVG-ACT)/ACT*100)% As found -0.07 As left -0.07

Target Frequency (Hz)	Actual Frequency (Hz)	Sample Period (microS)	File Name	Time for 9 cycles Hn (msec)	Average Frequency Hn (Hz)	Time for 9 cycles Hr (msec)	Average Frequency Hr (Hz)	Time for 9 cycles V (msec)	Average Frequency V (Hz)
50.00	<u>50.00</u>	200	<u>201</u>	<u>180.2</u>	<u>49.95</u>	<u>180.0</u>	<u>50.00</u>	<u>180.2</u>	<u>49.95</u>
100.0	<u>100.0</u>	100	<u>202</u>	<u>90.10</u>	<u>99.89</u>	<u>90.00</u>	<u>100.0</u>	<u>90.10</u>	<u>99.89</u>
200.0	<u>200.0</u>	50	<u>203</u>	<u>45.00</u>	<u>200.0</u>	<u>45.00</u>	<u>200.0</u>	<u>45.05</u>	<u>199.8</u>
500.0	<u>500.0</u>	20	<u>204</u>	<u>18.00</u>	<u>500.0</u>	<u>18.00</u>	<u>500.0</u>	<u>18.00</u>	<u>500.0</u>
1000	<u>1000</u>	10	<u>205</u>	<u>9.000</u>	<u>1000</u>	<u>9.000</u>	<u>1000</u>	<u>9.000</u>	<u>1000</u>
2000	<u>2000</u>	5	<u>206</u>	<u>4.500</u>	<u>2000</u>	<u>4.500</u>	<u>2000</u>	<u>4.500</u>	<u>2000</u>

Calibrated by:

Tyler McKen 9/18/20

Name

Date

Signature

Witnessed by:

ROBERT STEUER 9/10/2020

Name

Date

Signature



MICRO PRECISION CALIBRATION, INC
2165 N. Glassell St.,
Orange, CA 92865
714-901-5659



Certificate of Calibration

Date: Nov 11, 2020

Cert No. 551220083929139

Customer:

GEOVISION

1124 OLYMPIC DRIVE
CORONA CA 92881

MPC Control #: AM6767
Asset ID: 160023
Gage Type: LOGGER
Manufacturer: OYO
Model Number: 3403
Size: N/A
Temp/RH: 22.5°C / 42.9%
Location: Calibration performed at MPC facility

Work Order #: LA-90048480
Purchase Order #: 19401-201023-01
Serial Number: 160023
Department: N/A
Performed By: TYLER MCKEEN
Received Condition: IN TOLERANCE
Returned Condition: IN TOLERANCE
Cal. Date: October 27, 2020
Cal. Interval: 12 MONTHS
Cal. Due Date: October 27, 2021

Calibration Notes:

See attached data sheet for calculations. (1 Page)

Calibrated IAW customer supplied data form Rev 2.1

Frequency measurement uncertainty = 0.0005 Hz

Unit calibrated with Laptop Panasonic Model CF-29, s/n: 6AKSB01291 and RG Micrologger II Serial No. 5772

Calibrated To 4:1 Accuracy Ratio

Calibration performed in accordance with approved GEOVision calibration procedures included in work Instruction No. 13
Software: ML PS 4.00 Suspension Logger, GVLog.jar (2004) and pslog.exe ver 1.00 software.

Standards Used to Calibrate Equipment

I.D.	Description.	Model	Serial	Manufacturer	Cal. Due Date	Traceability #
DB8748	GPS TIME AND FREQUENCY RECEIVER	58503A	3625A01225	HEWLETT PACKARD	Apr 30, 2021	551220083021224
BD7715	UNIVERSAL COUNTER	53131A	3416A05377	HEWLETT PACKARD	Apr 30, 2021	551220082934517
LAS0018	ARB / FUNC GENERATOR	33250A	US40001522	AGILENT	Apr 30, 2021	551220083580408

Calibrating Technician:

TYLER MCKEEN

QC Approval:

ILYA VAKS

STATEMENTS OF PASS OR FAIL CONFORMANCE: The uncertainty of measurement has been taken into account when determining compliance with specification. All measurements and test results guard banded to ensure the probability of false-accept does not exceed 2% in compliance with ANSI/NCSL Z540.3-2006 and in case without guard banded the probability of false-accept depending on test uncertainty ratio.

THE CALIBRATION REPORT STATUS:

PASS- Term used when compliance statement is given, and the measurement result is PASS.

PASS²- Term used when compliance statement is given, and the measurement result is conditional passed or PASS².

FAIL- Term used when compliance statement is given, and the measurement result is FAIL.

FAIL²- Term used when compliance statement is given, and the measurement result is conditional failed or FAIL².

REPORT OF VALUE - Term used when reported measurement is not requiring compliance statement in report.

ADJUSTED- When adjustments are made to an instrument which changes the value of measurement from what was measured as found to new value as left.

LIMITED - When an instrument fails calibration but is still functional in a limited manner.

The expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%, unless otherwise stated. This calibration report complies with ISO/IEC 17025:2017 and ANSI/NCSL Z540.3. Calibration cycles and resulting due dates were submitted/approved by the customer. Any number of factors may cause an instrument to drift out of tolerance before the next scheduled calibration. Recalibration cycles should be based on frequency of use, environmental conditions and customer's established systematic accuracy. All standards are traceable to SI through the National Institute of Standards and Technology (NIST) and/or recognized national or international standards laboratories. Services rendered include proper manufacturer's service instruction and are warranted for no less than thirty (30) days. The information on this report pertains only to the instrument identified, this may not be reproduced in part or in a whole without the prior written approval of the issuing MP Calibration Laboratory.



MICRO PRECISION CALIBRATION, INC
2165 N. Glassell St.,
Orange, CA 92865
714-901-5659



Certificate of Calibration

Date: Nov 11, 2020

Cert No. 551220083929139

Procedures Used in this Event

Procedure Name	Description
GEOVISION SEISMIC Rev. 2.1	Seismic Logger/Recorder Calibration Procedure, Rev. 2.1

Calibrating Technician:

TYLER MCKEEN

QC Approval:

ILYA VAKS

STATEMENTS OF PASS OR FAIL CONFORMANCE: The uncertainty of measurement has been taken into account when determining compliance with specification. All measurements and test results guard banded to ensure the probability of false-accept does not exceed 2% in compliance with ANSI/NCSL Z540.3-2006 and in case without guard banded the probability of false-accept depending on test uncertainty ratio.

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FAIL- Term used when compliance statement is given, and the measurement result is FAIL.

FAIL²- Term used when compliance statement is given, and the measurement result is conditional failed or FAIL².

REPORT OF VALUE - Term used when reported measurement is not requiring compliance statement in report.

ADJUSTED- When adjustments are made to an instrument which changes the value of measurement from what was measured as found to new value as left.

LIMITED - When an instrument fails calibration but is still functional in a limited manner.

The expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor $k=2$, which for a normal distribution corresponds to a coverage probability of approximately 95%, unless otherwise stated. This calibration report complies with ISO/IEC 17025:2017 and ANSI/NCSL Z540.3. Calibration cycles and resulting due dates were submitted/approved by the customer. Any number of factors may cause an instrument to drift out of tolerance before the next scheduled calibration. Recalibration cycles should be based on frequency of use, environmental conditions and customer's established systematic accuracy. All standards are traceable to SI through the National Institute of Standards and Technology (NIST) and/or recognized national or international standards laboratories. Services rendered include proper manufacturer's service instruction and are warranted for no less than thirty (30) days. The information on this report pertains only to the instrument identified, this may not be reproduced in part or in a whole without the prior written approval of the issuing MP Calibration Laboratory.



SUSPENSION PS SEISMIC LOGGER/RECORDER CALIBRATION DATA FORM

INSTRUMENT DATA

System mfg.: <u>040</u>	Model no.: <u>3403</u>
Serial no.: <u>160023</u>	Calibration date: <u>10/27/2020</u>
By: <u>Micro Precision</u>	Due date: <u>10/27/2021</u>
Counter mfg.: <u>Hewlett Packard</u>	Model no.: <u>531314</u>
Serial no.: <u>3416A05377</u>	Calibration date: <u>04/23/2020</u>
By: <u>Micro Precision</u>	Due date: <u>04/30/2021</u>
Signal generator mfg.: <u>Agilent</u>	Model no.: <u>33250A</u>
Serial no.: <u>0540001522</u>	Calibration date: <u>04/02/2020</u>
By: <u>Micro Precision</u>	Due date: <u>04/30/2021</u>
Laptop controller mfg.: <u>Panasonic</u>	Model no.: <u>CF-29</u>
Serial no.: <u>6AKSB01291</u>	Calibration date: <u>N/A</u>

SYSTEM SETTINGS:

Gain:	<u>0 (2 all) (lowest)</u>
Filter	<u>10 KHz low pass</u>
Range:	<u>200 to 5 microsec</u>
Delay:	<u>0</u>
Stack (1 std)	<u>1</u>
System date = correct date and time	<u>yes</u>

PROCEDURE:

Set sine wave frequency to target frequency with amplitude of approximately 0.25 volt peak
 Note actual frequency on data form.
 Set sample period and record data file to disk. Note file name on data form.
 Pick duration of 9 cycles using PSLOG.EXE program, note duration on data form, and save as .sps file. Calculate average frequency for each channel pair and note on data form.
 Average frequency must be within +/- 1% of actual frequency at all data points.

Laptop 6AKSB 01291
 CF-29
 Software ML PS 4.00
 PSLog.exe v1.00
 GVLLog.jar ver 2004

Maximum error ((AVG-ACT)/ACT*100)% As found 0.2% As left 6.2%

Target Frequency (Hz)	Actual Frequency (Hz)	Sample Period (microS)	File Name	Time for 9 cycles Hn (msec)	Average Frequency Hn (Hz)	Time for 9 cycles Hr (msec)	Average Frequency Hr (Hz)	Time for 9 cycles V (msec)	Average Frequency V (Hz)
50.00	<u>50.00</u>	200	<u>0023</u>	<u>180</u>	<u>50.00</u>	<u>180</u>	<u>50.00</u>	<u>179.8</u>	<u>50.06</u>
100.0	<u>100.0</u>	100	<u>002</u>	<u>90</u>	<u>100.0</u>	<u>90.1</u>	<u>99.89</u>	<u>89.9</u>	<u>100.1</u>
200.0	<u>200.0</u>	50	<u>003</u>	<u>45.1</u>	<u>199.6</u>	<u>45.1</u>	<u>199.6</u>	<u>45.05</u>	<u>199.8</u>
500.0	<u>500.0</u>	20	<u>004</u>	<u>18</u>	<u>500.0</u>	<u>18.355</u>	<u>500.0</u>	<u>18</u>	<u>500.0</u>
1000	<u>1000</u>	10	<u>005</u>	<u>8.99</u>	<u>1001</u>	<u>9.00</u>	<u>1000</u>	<u>8.99</u>	<u>1001</u>
2000	<u>2000</u>	5	<u>006</u>	<u>4.5</u>	<u>2000</u>	<u>4.495</u>	<u>2002</u>	<u>4.505</u>	<u>1998</u>

Calibrated by:	<u>Tyler McLean</u>	<u>10/27/20</u>	
	Name	Date	Signature
Witnessed by:	<u>Emily Feldman</u>	<u>10/27/20</u>	
	Name	Date	Signature