



GeoCorp, Inc.

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17025 Accredited Lab

**Certificate of Calibration & Compliance For:**  
**ACCURATE CALIB. & REPAIR SERV., INC**

1924 PINNACLE DR.  
 AURORA, IL 60502



CALIBRATION

NVLAP LAB CODE: 200496-0

NVLAP is a U.S. Government entity  
 administered by the NIST, an agency  
 of the Department of Commerce.

Calibration #	BC2655	Temperature	Reading		Correction		ASTM E29 AVG. CORRECTION
			FRONT	BACK	FRONT	BACK	
Degree: °	F	Point					
		32	32.1	32.1	-0.1	-0.1	-0.1
P.O. #:	2220	200	200.4	200.4	-0.4	-0.4	-0.4
		400	401.1	401.1	-1.1	-1.1	-1.1
Description:	Thermocouple	600	600.5	600.6	-0.5	-0.6	-0.6
Type:	N	800	800.6	800.7	-0.6	-0.7	-0.6
2 EA.	1-20N1U1	1000	1001.2	1001.3	-1.2	-1.3	-1.2
30 EA.	1-24N1U1	1200	1200.8	1200.9	-0.8	-0.9	-0.8
6 EA.	1-30N1U1	1400	1400.6	1400.7	-0.6	-0.7	-0.6
4 EA.	1-60N1U1	1600	1601.2	1601.3	-1.2	-1.3	-1.2
4 EA.	1-66N1U1	1800	1801.8	1802.0	-1.8	-2.0	-1.9
2 EA.	1-86N1U1	2000	2002.5	2002.7	-2.5	-2.7	-2.6
		2200	2203.3	2203.5	-3.3	-3.5	-3.4
		2300	2303.7	2303.9	-3.7	-3.9	-3.8
Spool Length:	1928'						
Spool #	MG23392C						
Test Date:	3/5/2022						
Job #:	259732						

This Item meets ASTM E230  Special Limits  Standard Limits  New Calibration  Recalibration  
 BAC 5621 M, Table V +/- 2.0 °F (+/- 1.1 °C) to 1000 °F, +/- 0.4% above  AMS 2750 F Noble Metal +/- 1.0 °F (+/- 0.6 °C) or +/- 0.1%  
 BAC 5621 M, Table V, FL 4 +/- 2.0 °F (+/- 1.1 °C) or +/- 0.4%  AMS 2750 F Base Metal +/- 2.0 °F (+/- 1.1 °C) or +/- 0.4%

The calibrated equipment used for this test, listed below, is maintained in accordance with AMS 2750F, BAC 5621M (no PSD's), ANSI/NCSL Z540-3, ISO 10012, ISO/IEC 17025, RRP 54000, PWA (F-40). Measurement results are traceable to standards maintained at the NIST. Test methods are per ASTM E220-19, ASTM E230/E230M-17, GEOCORP QW-001-O

NIST SENSOR: 0000034820 Calibrated: 7/29/2021 Due: 7/29/2022 Type: S	Primary Sensor: A-4379 Calibrated: 12/17/2021 Due: 12/17/2022 Type: S	Primary Inst: Keithley 2701 S/N: 1212892 Calibrated: 7/7/2021 Due: 7/7/2022	Humidity: 40% Nominal Ambient Temp: 72° F Immersion Depth: 24" tech: BW by: LH Issue Date: 3/24/2022
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Estimated uncertainty, k=2, 95 %  
 Thermocouple Type-K: -196 °C to < 0 °C = 0.71 °C; 0 °C to 1093 °C = 0.89 °C; >1093 °C to 1344 °C = 1.90 °C  
 OR -321 °F to < 32 °F = 1.28 °F, 32 °F to 1999 °F = 1.60 °F, > 1999 °F to 2451 °F = 3.42 °F  
 Thermocouple Type-N: -196 °C to < 0 °C = 0.71 °C; 0 °C to 1093 °C = 0.89 °C; >1093 °C to 1300 °C = 1.90 °C  
 OR -321 °F to < 32 °F = 1.28 °F, 32 °F to 1999 °F = 1.60 °F, > 1999 °F to 2372 °F = 3.42 °F  
 Thermocouple Type-J: -196 °C to < 0 °C = 0.70 °C; 0 °C to 760 °C = 0.88 °C  
 OR -321 °F to < 32 °F = 1.26 °F; 32 °F to 1400 °F = 1.58 °F

NOREEN ROTH  
 APPROVED SIGNATORY

Type:  
 N Thermocouple

