



GeoCorp, Inc.

www.geocorpinc.com

9010 River Road • Huron, Ohio 44839

P: 419-433-1101 F: 419-433-1102

17025 Accredited Lab

Certificate of Calibration & Compliance For:

ILLIANA INSTRUMENTATION SERVICE

1831 GOVERT DRIVE

SCHERERVILLE, IN 46375



CALIBRATION

NVLAP LAB CODE: 200496-0

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

1710

Calibration #	Degree: ° F	Temperature Point	Reading		Correction		ASTM E29 AVG. CORRECTION
			FRONT	BACK	FRONT	BACK	
		100	99.8	99.8	0.2	0.2	0.2
		200	199.9	199.9	0.1	0.1	0.1
		400	400.4	400.5	-0.4	-0.5	-0.4
		600	601.0	601.1	-1.0	-1.1	-1.0
		800	801.6	801.6	-1.6	-1.6	-1.6
		1000	1002.3	1002.2	-2.3	-2.2	-2.2
		1200	1203.1	1203.0	-3.1	-3.0	-3.0
		1400	1403.9	1403.8	-3.9	-3.8	-3.8
		1600	1604.6	1604.5	-4.6	-4.5	-4.6
		1800	1805.1	1805.1	-5.1	-5.1	-5.1
		2000	2005.6	2005.6	-5.6	-5.6	-5.6
		2200	2206.0	2206.1	-6.0	-6.1	-6.0
		2300	2306.2	2306.4	-6.2	-6.4	-6.3
Spool Length: 1000'							
Spool # GK10417-6-5							
Test Date: 5/13/2021							
Job #: 249195							
<input checked="" type="checkbox"/> Special Limits <input type="checkbox"/> Standard Limits <input checked="" type="checkbox"/> New Calibration <input type="checkbox"/> Recalibration <input type="checkbox"/> BAC 5621 L, Table V +/- 2 °F (+/- 1.1° C) to 1000° F, +/- 0.4% above <input type="checkbox"/> AMS 2750 F Noble Metal +/- 1° F (+/- 0.6° C) or +/- 0.1% <input checked="" type="checkbox"/> BAC 5621 L, Table V, FL 4 +/- 2 °F (+/- 1.1° C) or +/- 0.4% <input checked="" type="checkbox"/> AMS 2750 F Base Metal +/- 2° F (+/- 1.1° C) or +/- 0.4%							
<p>The calibrated equipment used for this test, listed below, is maintained in accordance with AMS 2750F, 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-001-0</p> <p>NIST SENSOR: 0000001650 Primary Inst: Keithley 2701 Humidity: 40% Nominal Calibrated: 10/2/2020 S/N: 1212892 Ambient Temp 72° F Due: 10/2/2021 Calibrated: 7/8/2020 Immersion Depth: 24" Type: S Type: S tech: BW by: BW Issue Date: 5/13/2021</p>							

Estimated uncertainty, $k=2$, 95 %
 Thermocouple Type-K and N: -196 °C to < 0 °C = 0.71 °C; 0 °C to 1093 °C = 0.89 °C; >1093 to 1344 °C = 1.9 °C
 Thermocouple Type-J: -196 °C to < 0 °C = 0.70 °C; 0 °C to 760 °C = 0.88 °C

TYPE K

Thermocouple Wire

NOREEN ROTH
 APPROVED SIGNATORY

GRAPH DATA

VARIATION FROM TRUE TEMPERATURE

