



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.

GeoCorp, Inc.

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17025 Accredited Lab

Calibration #	BA0487	Temperature	Reading		Correction		ASTM E29 AVG. CORRECTION
			FRONT	BACK	FRONT	BACK	
Degree: ° F		Point					
P.O. #:	4055	100	99.9	99.9	0.1	0.1	0.1
		200	199.8	199.8	0.2	0.2	0.2
		400	399.3	399.3	0.7	0.7	0.7
Description:	Thermocouple Wire	600	598.7	598.7	1.3	1.3	1.3
TYPE	K	800	799.2	799.2	0.8	0.8	0.8
1000'	K20-2-HC	1000	999.7	999.7	0.3	0.3	0.3
		1200	1200.1	1200.1	-0.1	-0.1	-0.1
		1400	1400.4	1400.4	-0.4	-0.4	-0.4
		1600	1600.8	1600.8	-0.8	-0.8	-0.8
		1800	1801.0	1801.1	-1.0	-1.1	-1.0
		2000	2001.4	2001.5	-1.4	-1.5	-1.4
		2200	2201.9	2202.0	-1.9	-2.0	-2.0
		2300	2302.3	2302.4	-2.3	-2.4	-2.4
Spool #	GK00115-3-7						
Test Date:	2/29/2020						
Job #:	235083						

This Item meets ASTM E230 Special Limits Standard Limits New Calibration Recalibration
 BAC 5621 L, Table V +/- 2 °F (+/- 1.1° C) to 1000° F, +/- 0.4% above AMS 2750 E Noble Metal +/- 1° F (+/- 0.6° C) or +/- 0.1%
 BAC 5621 L, Table V, FL 4 +/- 2 °F (+/- 1.1° C) or +/- 0.4% AMS 2750 E Base Metal +/- 2° F (+/- 1.1° C) or +/- 0.4%

The calibrated equipment used for this test, listed below, is maintained in accordance with AMS 2750E, BAC 5621L (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: 292827 Calibrated: 11/22/2019 Due: 11/22/2020 Type: S	Primary Sensor: A-4224 Calibrated: 2/4/2020 Due: 2/4/2021 Type: S	Primary Inst: Keithley 2701 S/N: 4096981 Calibrated: 8/14/2019 Due: 8/14/2020	Humidity: 40% Nominal Ambient Temp: 72° F Immersion Depth: 24" tech: AG by: AG Issue Date: 2/29/2020
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Estimated uncertainty, k=2, 95%
 Thermocouple Types-K and N: -196° C to < 0° C = .71° C; 0° C to 1093 = .89° C; >1093 to 1344 = 1.9° C
 Thermocouple Type-J: -196° C to < 0° C = .70° C; 0° C to 760° C = .88° C

Noreen Roth
NOREEN ROTH
 APPROVED SIGNATORY

TYPE
K Thermocouple Wire

