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GeoCorp, Inc.

# Cover Page

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GeoCorp, Inc.

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9010 River Road • Huron, Ohio 44839

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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 #	T-8208	Temperature	Reading		Correction		ASTM E29 AVG.
Degree: °	F	Point	FRONT	BACK	FRONT	BACK	CORRECTION
		100	100.2	100.2	-0.2	-0.2	-0.2
P.O. #:	VERBAL ROY	200	200.3	200.3	-0.3	-0.3	-0.3
		400	400.9	400.9	-0.9	-0.9	-0.9
Description: TYPE-K THERMOCOUPLE WIRE K20-2-HG 1000'		600	601.2	601.2	-1.2	-1.2	-1.2
		700	701.5	701.4	-1.5	-1.4	-1.4
		800	801.8	801.9	-1.8	-1.9	-1.8
		900	902.0	902.0	-2.0	-2.0	-2.0
		1000	1002.2	1002.1	-2.2	-2.1	-2.2
		1100	1102.5	1102.4	-2.5	-2.4	-2.4
		1200	1203.0	1203.0	-3.0	-3.0	-3.0
		1400	1403.4	1403.3	-3.4	-3.3	-3.4
		1600	1603.1	1603.1	-3.1	-3.1	-3.1
		1800	1803.4	1803.3	-3.4	-3.3	-3.4
Spool #	GK70808-10-3						
Test Date:	9/20/2017						
Job #:	199839						

This item meets ASTM E230 ☒ Special Limits ☐ Standard Limits ☒ New Calibration ☐ Recalibration

☐ BAC 5621 L, Table IV +/- 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 IV, 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, RPS 953, PWA (F-40). Measurement results are traceable to standards maintained at the NIST. Test methods are per ASTM E220-13, ASTM E230/E230M-12, GEOCORP QW-001-N

NIST SENSOR: 289919 Calibrated: 5/5/2017 Due: 5/5/2018 Type: S	Working Std: A-3936 Calibrated: 8/29/2017 Due: 8/29/2018 Type: S	Instrument: Keithley 2701 S/N: 1118487 Calibrated: 8/16/2017 Due: 8/16/2018	Humidity: 40% Nominal Ambient Temp: 72° F Immersion Depth: 24" tech: CG by: CG
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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**

