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GeoCorp, Inc.

# Cover Page

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9010 River Road • Huron, Ohio 44839

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

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-6645	Temperature	Reading		Correction		ASTM E29 AVG. CORRECTION
Degree: °	F	Point	FRONT	BACK	FRONT	BACK	
		100	100.2	100.2	-0.2	-0.2	-0.2
P.O. #:	2017048	200	200.2	200.2	-0.2	-0.2	-0.2
Description: TYPE-K THERMOCOUPLE WIRE K20-2-HG 1000'		400	401.0	401.0	-1.0	-1.0	-1.0
		600	600.3	600.3	-0.3	-0.3	-0.3
		700	700.9	701.0	-0.9	-1.0	-1.0
		800	801.3	801.4	-1.3	-1.4	-1.4
		900	901.3	901.3	-1.3	-1.3	-1.3
		1000	1001.2	1001.3	-1.2	-1.3	-1.2
		1100	1101.3	1101.3	-1.3	-1.3	-1.3
		1200	1201.3	1201.4	-1.3	-1.4	-1.4
		1400	1401.7	1401.8	-1.7	-1.8	-1.8
		1600	1602.1	1602.2	-2.1	-2.2	-2.2
		1800	1802.2	1802.3	-2.2	-2.3	-2.2
Spool #	GK70713-10-16						
Test Date:	8/9/2017						
Job #:	198225						

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/NCSS 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-3911 Calibrated: 7/11/2017 Due: 7/11/2018 Type: S	Instrument: Keithley 2701 S/N: 1212892 Calibrated: 9/23/2016 Due: 9/23/2017	Humidity: 40% Nominal Ambient Temp: 72° F Immersion Depth: 24" tech: CG by: CG
-------------------------------------------------------------------------	---------------------------------------------------------------------------	--------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------

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

*[Signature]*  
**NOREEN ROTH**  
APPROVED SIGNATORY

**TYPE-K THERMOCOUPLE WIRE**

