9010 River Road Huron, OH 44839 Ph: 419-433-1101 Fax: 419-433-1102 www.geocorpinc.com

GeoCorp, Inc.

# **Cover Page**

To:		Fron		
Attn	•	Pag		
Fax or	•			
e-mail	<u>.</u>	Date	• ,	
□ Urgent	☐ For Review	☐ Please Comment	□ Please Reply	☐ Please Recycle
,	·			

## Comments:

The calibration information contained in this transmission is a controlled document and is intended for the use of the individual(s) to whom it is addressed, and may contain information that is privileged, and confidential. You are hereby notified that any dissemination, distribution, or copying of this transmission is strictly prohibited. If you are not the intended recipient, or responsible for the delivery to the intended recipient, you must notify the sender immediately at the phone or fax number provided above.



## **Certificate of Calibration & Compliance For:**

# ACCURATE CALIB & REPAIR SERVICES 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.

# GeoCorp, Inc.

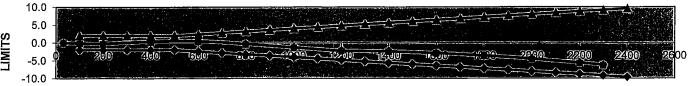
www.geocorpinc.com

9010 River Road • Huron, Ohio 44839 P: 419-433-1101 F: 419-433-1102 17025 Accredited Lab

170207	Ccredited Lab								
Calibration #	W-1311	्रा स्थापना स्थापना स्थापना ।	<i>ମ</i> ଣ୍ଡଳ	<u> </u>	331	भ <i>्रीका</i> र		ASTINE AVG	
Degree: °	F	<u>េចព្រះ្</u>	FEGAT	<u> </u>			,	CORRECTION	
		32	31.9	32.0	0.1	0.0		0.0	
P.O. #:	2018005	100	99.8	99.9	0.2	0.1		0.2	
		200	199.6	199.8	0.4	0.2		0.3	
Description: Type: N Thermocouple 10 ea. 2-24N1U1 (1/8" X 24") 21 ea. 2-36N1U1 (1/8" X36")		400	400.2	400.4	-0.2	-0.4		=0,3	
		600	600.3	600.5	-0.3	-0.5		-0,4	
		800	799.5	799.7	0.5	0.3		0,4	
		1000	998.6	998.7	1.4	1.3		1.4	
		1200	1197.7	1197.8	2.3	2.2		2.2	
		1400	1397.5	1397.6	2.5	2.4		2.4	
		1600	1597.0	1597.1	3.0	2.9		3.0	
		1800	1796.3	1796.4	3.7	3.6		3,6	
		2000	1995.3	1995.5	4.7	4.5		4.6	
		2200	2194.2	2194.4	5.8	5.6		5.7	
		2300	2293.6	2293.8	6.4	6.2		6.3	
Spool#	MG17568C								
Test Date:	12/21/2017								
Job#	204706			-					
This Item meets ASTM E230		Special Limi	ts     Standa	rd Limits	New Calib	oration 🔲	Recalibration		
	ble IV +/- 2 °F (+/- 1.1°							- 0.6 ° C) or +/-0.1%	
	ble IV, FL 4 +/- 2 °F (+/						Metal +/- 2° F (+/- 1.1 ° C) or +/- 0.4%		
The calibrated equ	ipment used for this test	, listed below, is ma	intained in accor	dance with AMS	3 2750E, BAC	5621L (no P	SD's),	H - NIOT	
	-3, ISO 10012, ISO/IEC per ASTM E220-13, AST				s are tracead	e to standard	s maintained at	the NIST.	
NIST SENSOR:		Primary Sensor: A	<del></del>	Primary Inst:	Keithley 270	11	Humidity:	40% Nominal	
Calibrated: 5/5/2017		Calibrated: 12/5/2017		S/N: 1030819		•	Ambient Temp		
Due: 5/5/2018		Due: 12/5/2018		Calibrated: 7/31/2017		Immersion Depth: 24"			
Type: S		Type: S		Due: 7/31/2018		tech: bw	by: th		
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  Noreen Roth Thermocouple Type-J: -196° C to < 0° C = .70° C; 0° C to 760° C = .88° C  APPROVED SIGNA									
	Type: N Thermoco	<del></del>					AFFINOVI	- DOMAION	

GRAPH DATA

# VARIATION FROM TRUE TEMPERATURE



RANGE

—■— Front Actual →— Back Actual →— Upper Limit →— Lower Limit