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GeoCorp, Inc.

Cover Page

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GeoCorp, Inc.

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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 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.

Calibration #	W-1311	TEMPERATURE					ASTM E220 AVG
Degree: °	F	Point	Reference	Set Point	Reference	Set Point	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" X 36")		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 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-17, GEOCORP QW-001-N

NIST SENSOR: 289919

Calibrated: 5/5/2017

Due: 5/5/2018

Type: S

Primary Sensor: A-3863

Calibrated: 12/5/2017

Due: 12/5/2018

Type: S

Primary Inst: Keithley 2701

S/N: 1030819

Calibrated: 7/31/2017

Due: 7/31/2018

Humidity: 40% Nominal

Ambient Temp 72° F

Immersion Depth: 24"

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

Thermocouple Type-J: -196° C to < 0° C = .70° C; 0° C to 760° C = .88° C

[Signature]

Noreen Roth

APPROVED SIGNATORY

Type: N Thermocouple

GRAPH DATA

VARIATION FROM TRUE TEMPERATURE

