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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 SERV., INC.
 1924 PINNACLE DR.
 AURORA, IL 60502



NVLAP LAB CODE: 200496-0
 NVLAP is a U.S. Government entity
 administered by the NIST, an agency
 of the Department of Commerce.

Calibration #	N-8861	Temperature	Reading		Correction		ASTM E29 AVG. CORRECTION
			Point	FRONT	BACK	FRONT	
Degree:	° F						
P.O. #:	344920	100	99.5	99.4	0.5	0.6	0.6
Description: Type: N Thermocouple 20 ea. 1-14N1U1 6 ea. 1-18N1U1 6 ea. 1-20N1U1 8 ea. 1-24N1U1 4 ea. 1-28N1U1 10 ea. 1-32N1U1 24 ea. 1-36N1U1 8 ea. 1-48N1U1 4 ea. 1-54N1U1 2 ea. 1-96N1U1		300	299.2	299.0	0.8	1.0	0.9
		500	498.8	498.7	1.2	1.3	1.2
		700	699.4	699.2	0.6	0.8	0.7
		900	899.8	899.6	0.2	0.4	0.3
		1100	1099.6	1099.5	0.4	0.5	0.4
		1300	1299.2	1299.1	0.8	0.9	0.8
		1500	1498.8	1498.6	1.2	1.4	1.3
		1700	1698.0	1697.9	2.0	2.1	2.0
		1900	1897.0	1897.1	3.0	2.9	3.0
		2100	2096.4	2096.6	3.6	3.4	3.5
Spool #	MG12129C						
Test Date:	11/18/2014						
Job #	160571						

This Item meets ASTM E230 Special Limits Standard Limits New Calibration Recalibration
 BAC 5621 K, 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 K, 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 5621K (no PSD's), ANSI/NCSL Z540-1, ISO 10012, ISO 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-M

NIST SENSOR: 284567 Calibrated: 12/11/2013 Due: 12/11/2014 Type: S	Working Std: A-3566 Calibrated: 11/8/2014 Due: 11/8/2015 Type: S	Instrument: Keithley 2701 S/N: 1118487 Calibrated: 8/13/2014 Due: 8/13/2015	Humidity: 40% Nominal Ambient Temp 72° F Immersion Depth: 24" tech: wc by: th
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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: N Thermocouple

GRAPH DATA

VARIATION FROM TRUE TEMPERATURE

