



GeoCorp, Inc.

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ISO / IEC 17025 Accredited Lab

Certificate of Calibration & Compliance For: ILLIANA INSTRUMENTATION SERVICE 1831 GOVERT DRIVE SCHERERVILLE, IN 46375



CALIBRATION NVLAP LAB CODE: 200496-0

NVLAP is a U.S. Government entity administered by the NIST, an agency of the Department of Commerce.

1755

Table with columns: Calibration #, BE4680, Temperature, Reading (FRONT, BACK), Correction (FRONT, BACK), AVG. CORRECTION. Rows include P.O. #, Description, TYPE, 1000', Spool Length, Spool #, Test Date, Job #.

This Item meets ASTM E230 [X] Special Limits [] Standard Limits [X] New Calibration [] Recalibration [X] BAC 5621 M, Table V +/- 2.0 °F (+/- 1.1 °C) to 1000 °F, +/- 0.4% above [] AMS 2750 G Noble Metal +/- 1.0 °F (+/- 0.6 °C) or +/-0.1% [] BAC 5621 M, Table V, FL 4 +/- 2.0 °F (+/- 1.1 °C) or +/- 0.4% [X] AMS 2750 G Base Metal +/- 2.0 °F (+/- 1.1 °C) or +/- 0.4%

The calibrated equipment used for this test, listed below, is maintained in accordance with AMS 2750G, BAC 5621M (no PSD's), ANSI/NCSSL Z540-3, ISO 10012, ISO/IEC 17025, RRP 54000, PWA (F-40). Measurement results are traceable to standards maintained at the NIST. Test methods are per ASTM E220-19, ASTM E230/E230M-17, GEOCORP QW-001-P, ASTM E29

Table with sensor details: NIST SENSOR: 0000049061, Primary Sensor: A-4536, Primary Inst: Keithley 2701, Humidity: 40% Nominal, Ambient Temp: 72° F, Immersion Depth: 24", tech: BW, by: BW, Issue Date: 1/4/2024

Estimated uncertainty, k=2, 95 % Thermocouple Type-K: -196 °C to < 0 °C = 0.71 °C; 0 °C to 1093 = 0.89 °C; >1093 °C to 1344 °C = 1.90 °C OR -321 °F to < 32 °F = 1.28 °F; 32 °F to 1999 °F = 1.60 °F; > 1999 °F to 2451 °F = 3.42 °F Thermocouple Type-N: -196 °C to < 0 °C = 0.71 °C; 0 °C to 1093 = 0.89 °C; >1093 °C to 1300 °C = 1.90 °C OR -321 °F to < 32 °F = 1.28 °F; 32 °F to 1999 °F = 1.60 °F; > 1999 °F to 2372 °F = 3.42 °F Thermocouple Type-J: -196 °C to < 0 °C = 0.70 °C; 0 °C to 760 °C = 0.88 °C OR -321 °F to < 32 °F = 1.26 °F; 32 °F to 1400 °F = 1.58 °F

NOREEN ROTH APPROVED SIGNATORY

TYPE K Thermocouple Wire

