



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.

GeoCorp, Inc.

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17025 Accredited Lab

Item 1642

Table with columns: Calibration #, S-8934, Temperature, Reading (FRONT, BACK), Correction (FRONT, BACK), and ASTM E29 AVG. CORRECTION. Includes rows for P.O. # (3715), Description (Type: N Thermocouple), and Spool # (MG16942C).

This Item meets ASTM E230 [X] Special Limits [ ] Standard Limits [X] New Calibration [ ] Recalibration
[X] 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% [X] 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/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

Table with calibration details: NIST SENSOR: 288994, Working Std: A-3829, Instrument: Keithley 2701, Humidity: 40% Nominal, Ambient Temp: 72° F, Immersion Depth: 24", tech: bw, by: ck.

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: Mike J. For...
NOREEN ROTH
APPROVED SIGNATORY

Type: N Thermocouple

GRAPH DATA

VARIATION FROM TRUE TEMPERATURE

