

**Northwest Geotech, Inc.**

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November 6, 1998
Project No. PT-97-0122cWebb-Core Corporation, Inc.
3112 Schmidt Road
Hubbard, Oregon 97032

Attention: Mr. Randy Webb

Subject: Load Testing on Walkable Ceiling Panels
Test Dates: 10/14/98 and 10/22/98

Dear Mr. Webb:

At your request, Northwest Geotech, Inc., (NGI) - Product Testing Division performed load testing on one walkable ceiling panel (specimen #WP2-4) measuring 22-11/16" x 46-11/16" x 2³/₄" and one walkable ceiling panel (specimen #WP4-4) measuring 46-11/16" x 46-11/16" x 2³/₄". Both panels were constructed of an aluminum honeycomb material sandwiched between two thin aluminum sheets.

The concentrated load test was conducted per the client's requirements as follows:

Both panels were tested in a horizontal position, mounted in an aluminum channel-shaped holding fixture, which was clamped to the W8x13 beams of a rigid reaction frame with a 1/2" bearing surface all around. External loading was applied hydraulically on a 1/4" thick circular plate measuring 75 square inches and centered at mid span. Loading commenced at 100 pounds and continued in 100 pound increments until each panel failed or was unable to support any further load. The smaller panel (specimen #WP2-4) failed at or about 6,900 load pounds. The larger panel (specimen #WP4-4) failed at or about 5,600 load pounds. Deflection measurements were taken underneath both panels at mid-span, until the load on the small panel reached 5,100 load pounds. For fear of damaging the measuring instrument, deflection measurements above 5,100 load pounds were taken at 2 points located at the outside edge of the loading plate. See attached graphs for a detailed presentation of the test results.

Respectfully submitted,

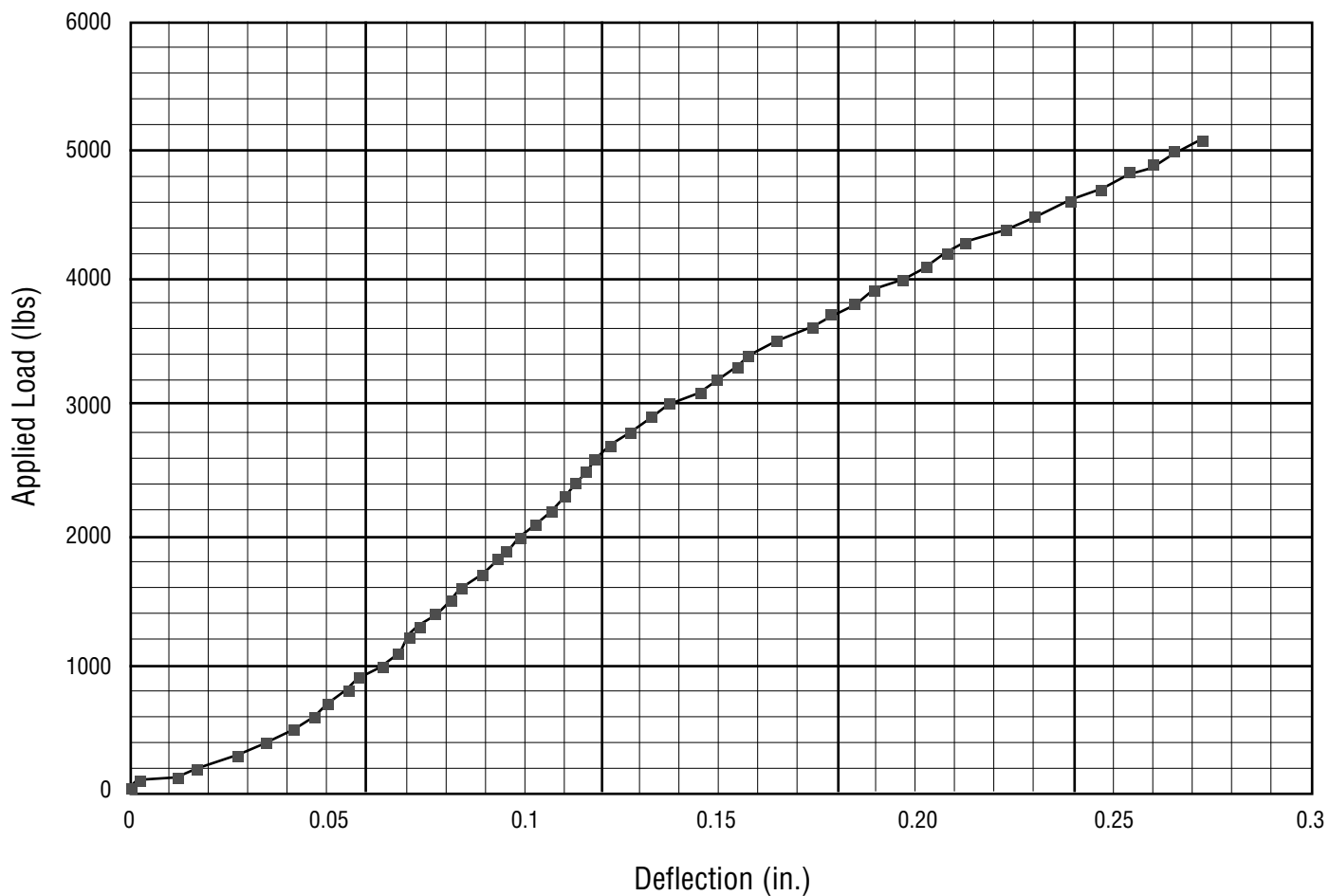
NORTHWEST GEOTECH, INC.

A handwritten signature in black ink, appearing to read "William J. Tate Jr.", written over a circular stamp or seal.

William J. Tate Jr.
General Manager/ Technical Director
Product Testing Division
ICBO -TL-192
ICBO - AA642

2' x 4' Wafer Panel Deflection Measured at Mid-Panel Underside

Date of Test: 10/22/98



2' x 4' Wafer Panel Deflection Measured Panel Topside at Points "A" and "B"

Date of Test: 10/22/98

