

APPENDIX O  
SOIL TESTING RESULTS



December 12, 1997



Ms. Beth Ann Smith  
Stearns & Wheeler  
One Remington Park Drive  
Cazenovia, New York 13035

Re: L-97051-F  
Authorization #56  
Soil Sample Testing and Field Technician  
General Semiconductor Site  
Sherburne New York  
S & W No. 41587.ZA

Dear Ms. Smith:

Enclosed are the results of laboratory testing performed at your request on two bulk soil samples delivered to our laboratory on December 4, 1997 for the above referenced project. Results include:

- |                                        |        |
|----------------------------------------|--------|
| 1. Natural Moisture Content ASTM D2216 | 2 each |
| 2. Sieve Analysis ASTM D422 & D1140    | 1 each |
| 3. Specific Gravity ASTM D854          | 1 each |
| 4. Modified Compaction Test ASTM D1557 | 1 each |

All requested tests have been completed on the previously received sample(s) for the above project. All sample remains are scheduled to be disposed of on January 12, 1998. Please notify Parratt-Wolff, Inc. by letter or telephone prior to January 12, 1998 if you would prefer to pick up the sample(s) or that the sample(s) be retained by Parratt-Wolff, Inc. for an additional period of time.

Additional reports will be forwarded to you as they are completed.

Thank you for this opportunity to work with you.

Very truly yours,

PARRATT - WOLFF, INC.

Donald P. Blesland, SET  
V.P. Laboratory & Field Services  
DPB/bap  
encs:





FISHER RD., EAST SYRACUSE, N.Y. 13057  
TELEPHONE AREA CODE 315/437-1429  
FAX 315/437-1770

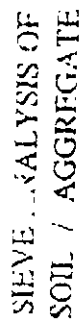
December 12, 1997

L-97051-F  
Authorization #56  
Soil Sample Testing and Field Technician  
General Semiconductor Site  
Sherburne, New York  
S & W No.: 41587.ZA

NATURAL MOISTURE CONTENT  
ASTM D2216

| Lab L.D. # | Sample L.D. | Moisture Content as a<br>Percent of Dry Weight |
|------------|-------------|------------------------------------------------|
| 10392      | #1          | 28.9                                           |
| 10393      | #2          | 26.1                                           |





PROJECT TITLE

Authorization #56 - Soil Sample Testing & Field Technician

General Superintendent Site, Sherburne, New York

58 W No. 41587 ZA

PROJECT # L070514-1

TEST METHOD 15M DTS D110

REPORT #

REPORT DATE December 12, 1967

Sieve Size - Percent Passing Sieve

[illegible]

Sample mass, as received, meets minimum requirements of test method.

## Remarks

Yes X No

**Prewashed:**

Yes

**Performed By:**

Dr. AM

Checked By:

W. J. Thomas



December 12, 1997



FISHER RD., EAST SYRACUSE, N.Y. 13087  
TELEPHONE AREA CODE 315/437-1428  
FAX 315/437-1770

I-97051-F  
Authorization #56  
Soil Sample Testing and Field Technician  
General Semiconductor Site  
Sherburne, New York  
S & W No.: 41587.ZA

SPECIFIC GRAVITY OF SOILS ASTM D 854

| Lab<br>ID#          | Sample                      | Specific<br>Gravity<br>of Solids( $G_s$ ) |
|---------------------|-----------------------------|-------------------------------------------|
| 10392<br>&<br>10393 | Composite<br>Sample #1 & #2 | 2.74                                      |



# COMPACTION TEST REPORT

STANDARD ☐ MODIFIED ☒

PROCEDURE A ☒ B ☐

C ☐

MAXIMUM DRY DENSITY  
113.5 P.C.F.

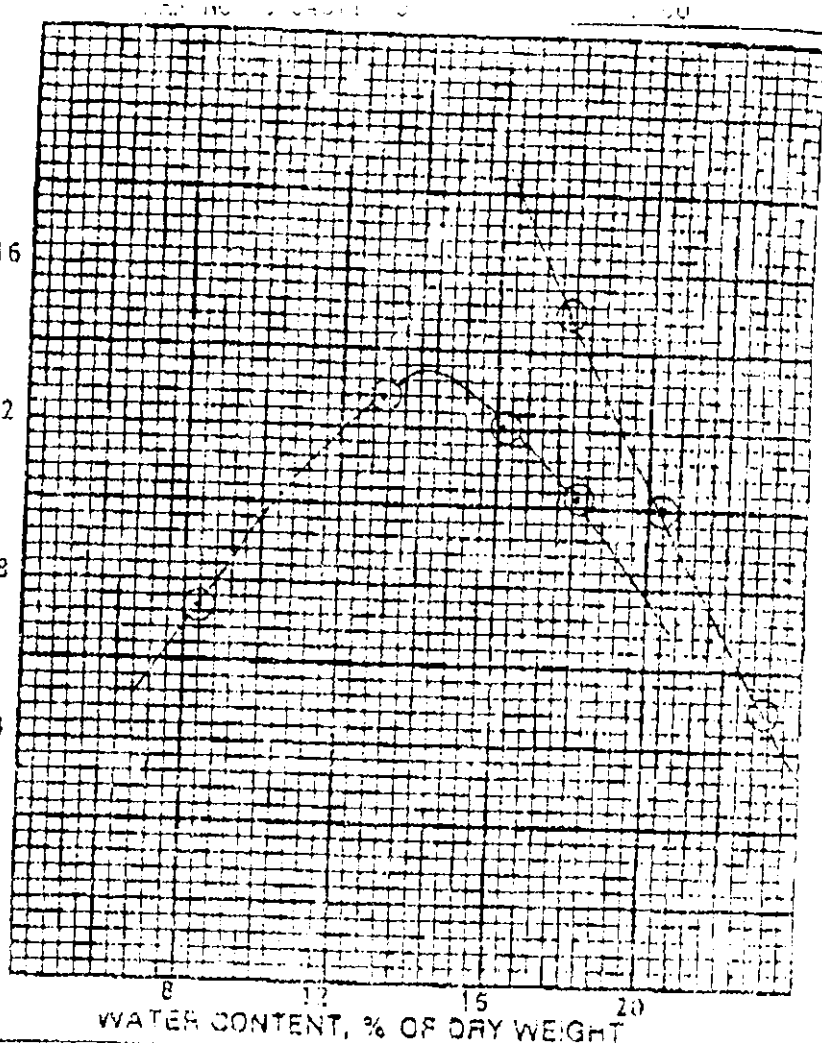
OPTIMUM MOISTURE CONTENT  
13.2 %

PERFORMED IN ACCORDANCE WITH  
ASTM D1557-91

0.25 retained on the #4 sieve.

Specific Gravity = 2.74

DRY DENSITY, P.C.F.



WATER CONTENT, % OF DRY WEIGHT

| SAMPLE NO.          | 1     | 2     | 3     | 4     |  |  |  |
|---------------------|-------|-------|-------|-------|--|--|--|
| MOLD + SAMPLE WT.   | 13.91 | 14.28 | 14.37 | 14.37 |  |  |  |
| MOLD WEIGHT         | 10.04 | 10.04 | 10.04 | 10.04 |  |  |  |
| WET SAMPLE WT.      | 3.87  | 4.24  | 4.33  | 4.32  |  |  |  |
| WET DENSITY, P.C.F. | 116.3 | 127.5 | 130.2 | 130.2 |  |  |  |
| MOISTURE CONTENT    | 8.3   | 13.0  | 16.1  | 16.1  |  |  |  |
| DRY DENSITY, P.C.F. | 107.4 | 112.8 | 112.1 | 110.2 |  |  |  |

SOIL LOCATION — Composite Sample #1 & Sample #2  
Lab I.D. #'s 10392 & 10393

DATE 12/8/97 TESTED BY AM

CHECKED BY V. J. Thoma

JOB NO. L-97051-F

REPORT NO. 1

CLIENT Stearns & Wheeler

Authorization #56

PROJECT Soil Sample Testing and Field Technician  
General Semiconductor Site, Sherburne, NY  
S & W No.: 41537.ZA

**paratt  
wolff inc**

FISHER RD. EAST SYRACUSE, N.Y. 13057  
TELEPHONE AREA CODE 315/437-1409



RECEIVED  
STEARNS & WHEELER L.L.C.

January 2, 1997

JAN - 6 1997



Ms. Beth Ann Smith  
Stearns & Wheeler  
One Remington Park Drive  
Cazenovia, New York 13035

Re: L-97051-F  
Authorization #56  
Soil Sample Testing and Field Technician  
General Semiconductor Site  
Sherburne, New York  
S & W No.: 41587.ZA

Dear Ms. Smith:

Enclosed are the results of field testing performed at your request at and for the above referenced project. Results include:

1. In-Place Soil Density Report:

| <u>Report</u> | <u>Date</u> |
|---------------|-------------|
| 1             | 12/19/97    |
| 2             | 12/23/97    |

Additional reports will be forwarded to you as they are completed.

Thank you for this opportunity to work with you.

Very truly yours,

PARRATT - WOLFF, INC.

A handwritten signature in cursive script, appearing to read 'Donald P. Blasland'.

Donald P. Blasland, SET  
V.P. - Laboratory & Field Services  
DPB/bap  
encs:







