# APPENDIX F

SAND SIEVE ANALYSIS

**Roscoe Moss Manufacturing Co.**
4360 Worth Street
Los Angeles, CA 90063
Phone: (213) 263-4111
Fax: (213) 263-4497

Sand Analysis
by:

Contractor Layne Christensen Date 4/23/01

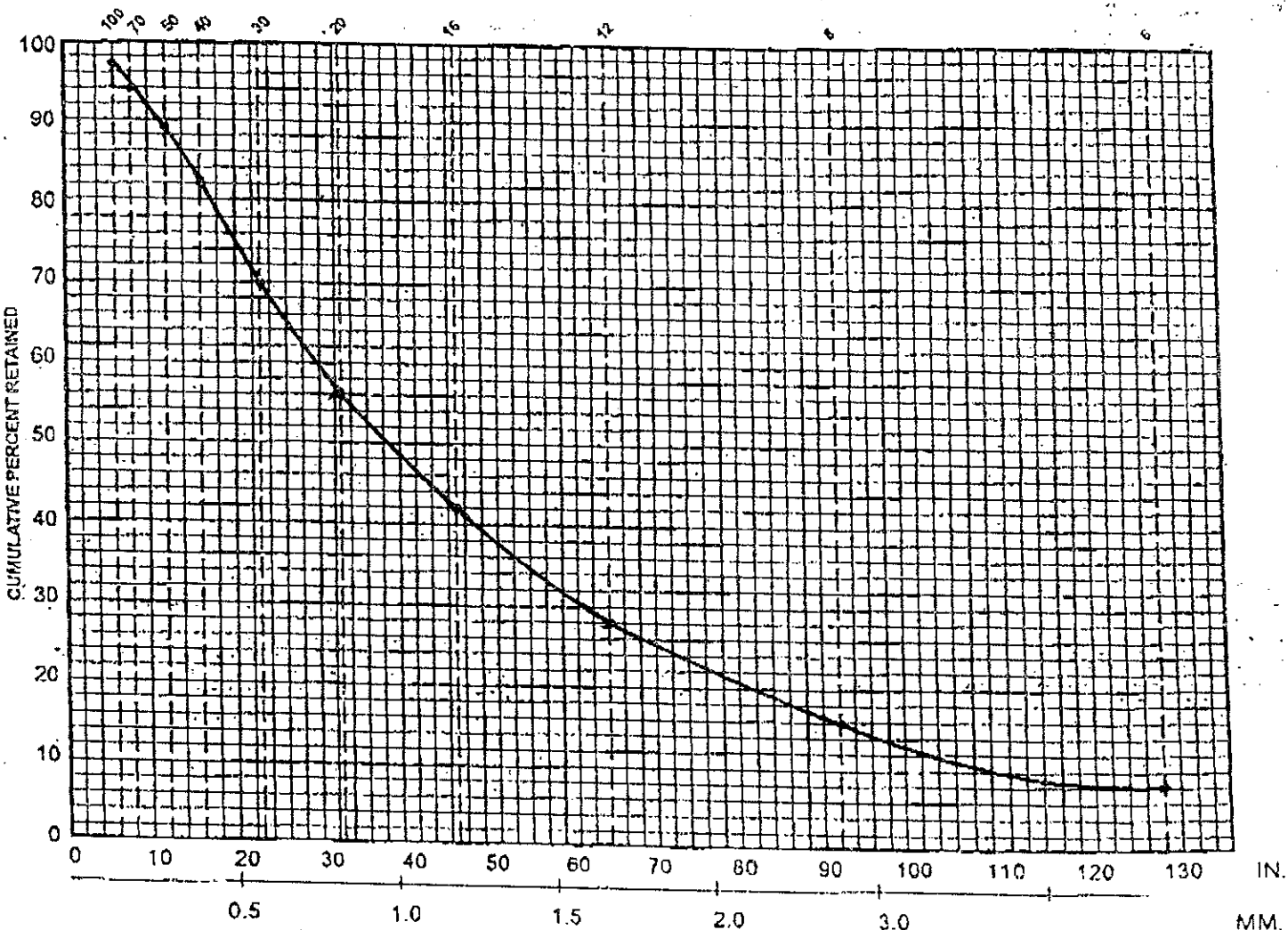
City State Zip

Job Name San Bernardino - Well #108

Engineer Phone

Well Owner Phone

U.S. STANDARD SIEVE NUMBERS




SLOT OPENING AND GRAIN SIZE IN THOUSANDTHS OF AN INCH AND MM.

| U.S. SIEVE NO. | SLOT OPENING IN. | SLOT OPENING MM. | SAMPLE DEPTHS Wt. | % Ret. | | |
|---|---|---|---|---|---|---|
| 6 | .132 | 3.36 | 35 | 8 | | |
| 8 | .094 | 2.38 | 76 | 16 | | |
| 12 | .066 | 1.68 | 130 | 28 | | |
| 16 | .047 | 1.19 | 195 | 42 | | |
| 20 | .033 | 0.84 | 260 | 56 | | |
| 30 | .023 | 0.60 | 326 | 70 | | |
| 40 | .016 | 0.42 | 382 | 82 | | |
| 50 | .012 | 0.30 | 415 | 89 | | |
| 70 | .008 | 0.21 | 436 | 94 | | |
| 100 | .006 | 0.15 | 451 | 97 | | |
| | | | 464 | | | |

SAMPLE INDICATIONS: 427-437

COMMENTS:

SCREEN RECOMMENDATIONS: DIAM.

| SLOT | SETTING | LENGTH |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

**Roscoe Moss Manufacturing Co.**
4360 North Street
Los Angeles, CA 90063
Phone: (213) 263-4111
Fax: (213) 263-4497

**Sand Analysis**
by:

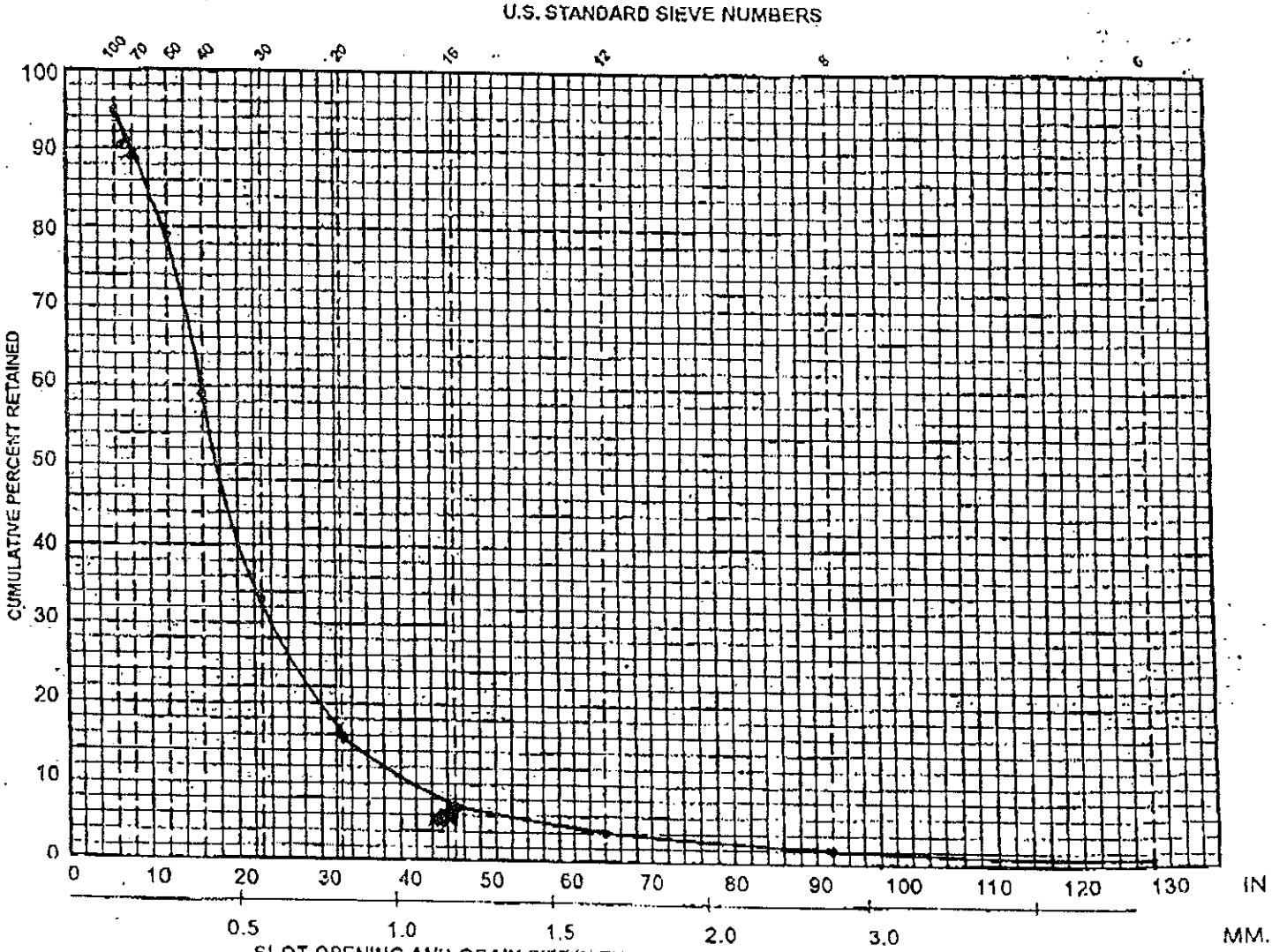
Contractor LAYNE CHRISTENSEN Date 4/23/01

City _____ State _____ Zip _____

Job Name SAN BERNARDINO - WELL #10B

Engineer _____ Phone _____

Well Owner _____ Phone _____




| U.S. SIEVE NO. | SLOT OPENING IN. | SLOT OPENING MM. | SAMPLE DEPTHS WET WT. | % RET. | | |
|---|---|---|---|---|---|---|
| 5 | .132 | 3.36 | 2 | 1 | | |
| 8 | .094 | 2.38 | 6 | 2 | | |
| 12 | .066 | 1.68 | 12 | 4 | | |
| 16 | .047 | 1.19 | 23 | 7 | | |
| 20 | .033 | 0.84 | 49 | 16 | | |
| 30 | .023 | 0.60 | 102 | 33 | | |
| 40 | .016 | 0.42 | 184 | 59 | | |
| 50 | .012 | 0.30 | 246 | 79 | | |
| 70 | .008 | 0.21 | 278 | 89 | | |
| 100 | .006 | 0.15 | 296 | 95 | | |
| | | | 312 | | | |

SAMPLE INDICATIONS: 546-556

COMMENTS:

SCREEN RECOMMENDATIONS: DIAM.

| SLOT | SETTING | LENGTH |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

**Roscoe Moss Manufacturing Co.**
4360 North Eureka
Los Angeles, CA 90063
Phone: (213) 263-4111
Fax: (213) 263-4497

Sand Analysis by:

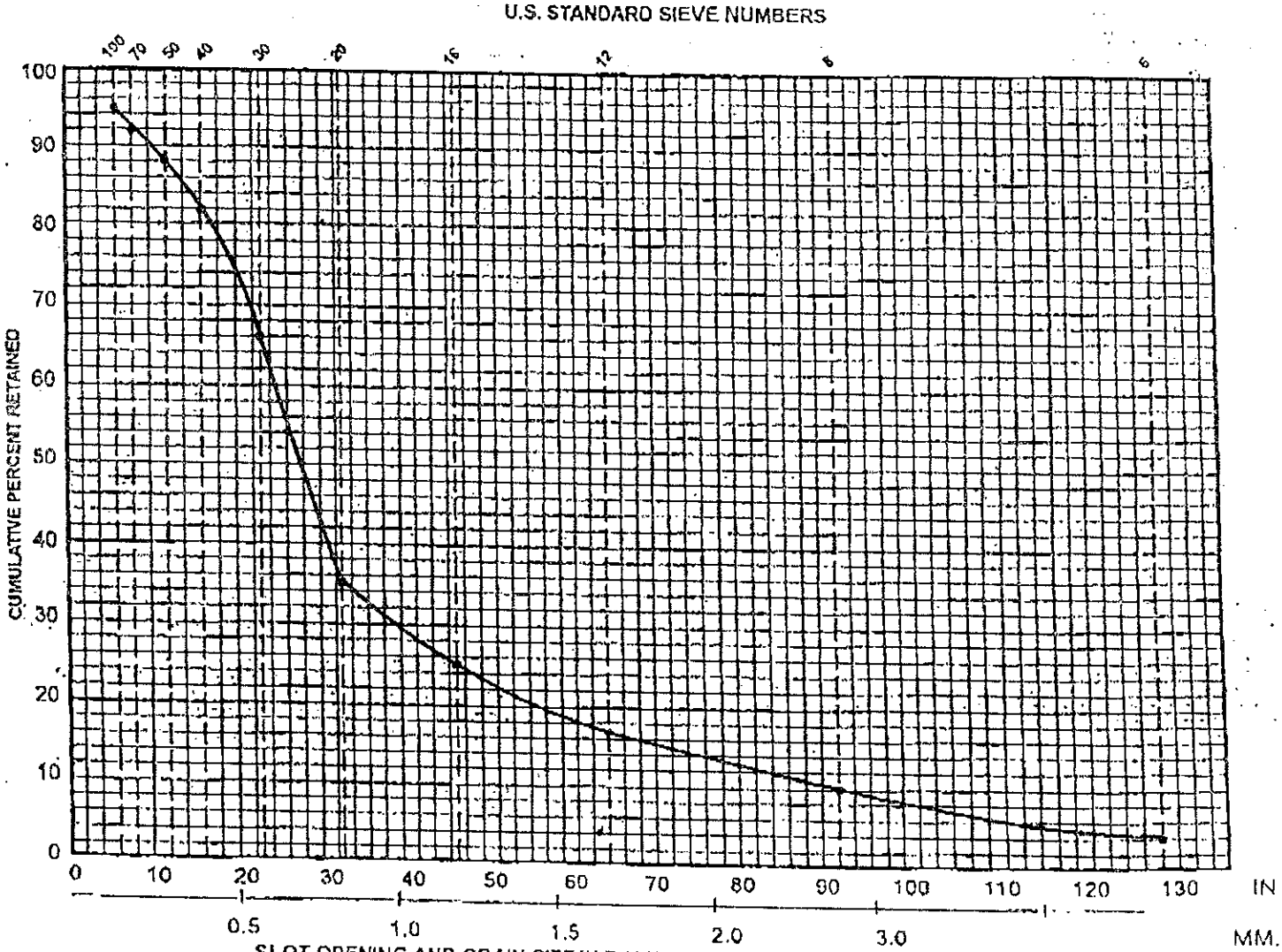
Contractor Layne Christensen Date 4/23/01

City State Zip

Job Name San Bernardino - Well #108

Engineer Phone

Well Owner Phone




| U.S. SIEVE NO. | SLOT OPENING IN. | SLOT OPENING MM. | SAMPLE DEPTHS WGT. WT. | % RET. | | |
|---|---|---|---|---|---|---|
| 6 | .132 | 3.36 | 12 | 4 | | |
| 8 | .094 | 2.38 | 33 | 10 | | |
| 12 | .066 | 1.68 | 56 | 17 | | |
| 16 | .047 | 1.19 | 84 | 25 | | |
| 20 | .033 | 0.84 | 119 | 35 | | |
| 30 | .023 | 0.60 | 223 | 66 | | |
| 40 | .016 | 0.42 | 276 | 82 | | |
| 50 | .012 | 0.30 | 297 | 88 | | |
| 70 | .008 | 0.21 | 309 | 92 | | |
| 100 | .006 | 0.15 | 319 | 95 | | |
| | | | 337 | | | |

SAMPLE INDICATIONS: 676-686

COMMENTS:

SCREEN RECOMMENDATIONS: DIAM.

| SLOT | SETTING | LENGTH |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |

**Roscoe Moss Manufacturing Co.**
4360 Worth Street
Los Angeles, CA 90063
Phone: (213) 263-4111
Fax: (213) 263-4497

**Sand Analysis**
by:

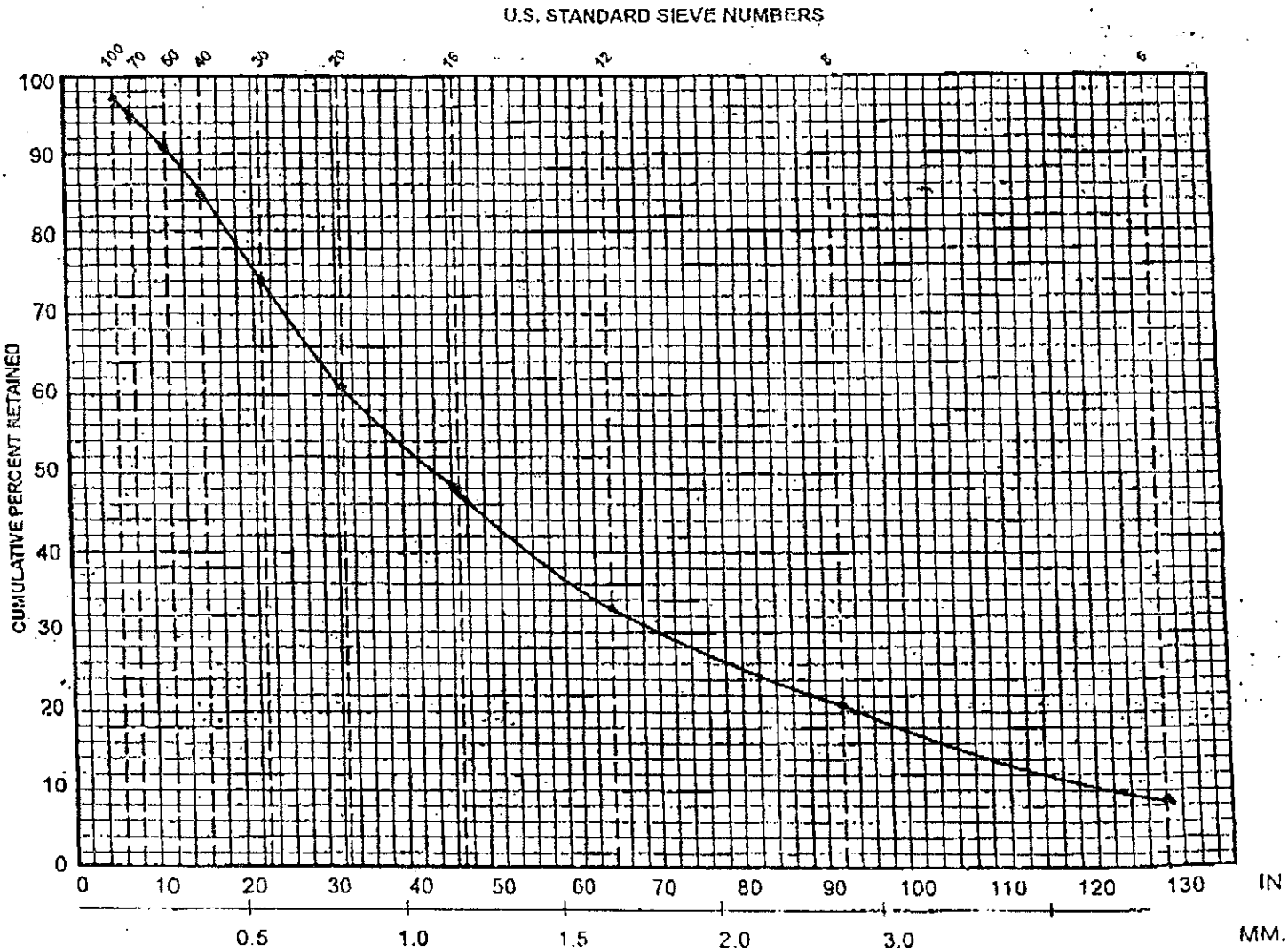
Contractor LAYNE CHRISTENSEN Date 4/23/01

City _____ State _____ Zip _____

Job Name SAN BERNARDINO - WELL #108

Engineer _____ Phone _____

Well Owner _____ Phone _____




| U.S. SIEVE NO. | SLOT OPENING IN. | SLOT OPENING MM. | SAMPLE DEPTHS WET WT. | % RET. | | |
|---|---|---|---|---|---|---|
| 6 | .132 | 3.36 | 33 | 9 | | |
| 8 | .094 | 2.38 | 76 | 21 | | |
| 12 | .066 | 1.68 | 121 | 33 | | |
| 16 | .047 | 1.19 | 174 | 48 | | |
| 20 | .033 | 0.84 | 225 | 61 | | |
| 30 | .023 | 0.60 | 270 | 74 | | |
| 40 | .016 | 0.42 | 311 | 85 | | |
| 50 | .012 | 0.30 | 333 | 91 | | |
| 70 | .008 | 0.21 | 346 | 95 | | |
| 100 | .006 | 0.15 | 354 | 97 | | |
| | | | 366 | | | |

SAMPLE INDICATIONS: LA6-705

COMMENTS: _____

SCREEN RECOMMENDATIONS: DIAM. _____

| SLOT | SETTING | LENGTH |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

**Roscoe Moss Manufacturing Co.**
4360 Worth Street
Los Angeles, CA 90063
Phone: (213) 263-4111
Fax: (213) 263-4497

Sand Analysis by:

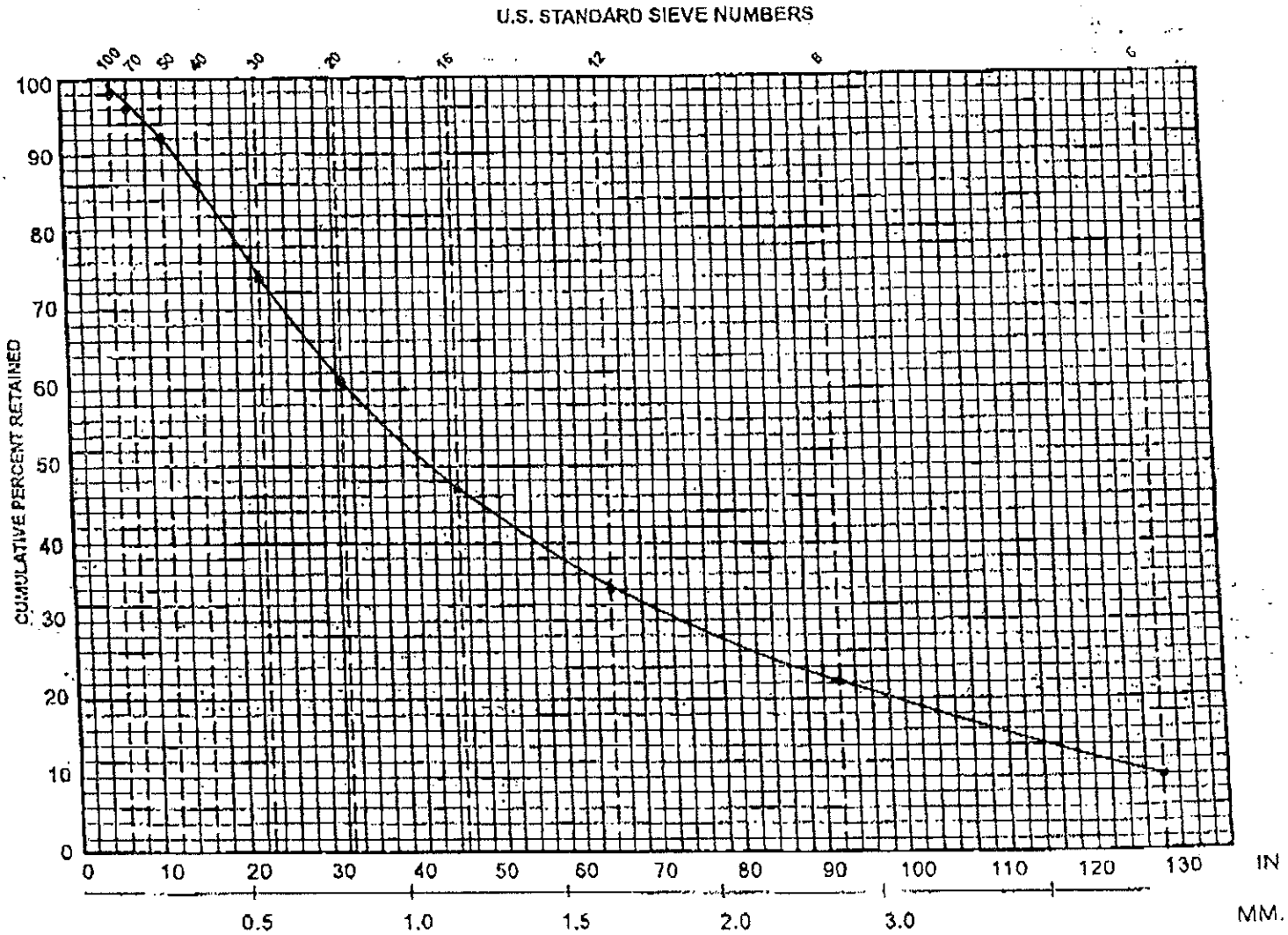
Contractor LAYNE CHRISTENSEN Date 4/23/01

City _____ State _____ Zip _____

Job Name SAN BERNARDINO - WELL #108

Engineer _____ Phone _____

Well Owner _____ Phone _____




| U.S. SIEVE NO. | SLOT OPENING IN | SLOT OPENING MM. | SAMPLE DEPTHS HOT. WT. | % RET. | | |
|---|---|---|---|---|---|---|
| 6 | .132 | 3.36 | 42 | 10 | | |
| 8 | .094 | 2.38 | 89 | 22 | | |
| 12 | .066 | 1.68 | 137 | 34 | | |
| 16 | .047 | 1.19 | 190 | 47 | | |
| 20 | .033 | 0.84 | 248 | 61 | | |
| 30 | .023 | 0.60 | 303 | 74 | | |
| 40 | .016 | 0.42 | 349 | 86 | | |
| 50 | .012 | 0.30 | 375 | 92 | | |
| 70 | .008 | 0.21 | 389 | 96 | | |
| 100 | .006 | 0.15 | 397 | 98 | | |
| | | | 407 | | | |

SAMPLE INDICATIONS: 295-605

COMMENTS: _____

SCREEN RECOMMENDATIONS: DIAM. _____

| SLOT | SETTING | LENGTH |
|---|---|---|
| | | |
| | | |
| | | |
| | | |