

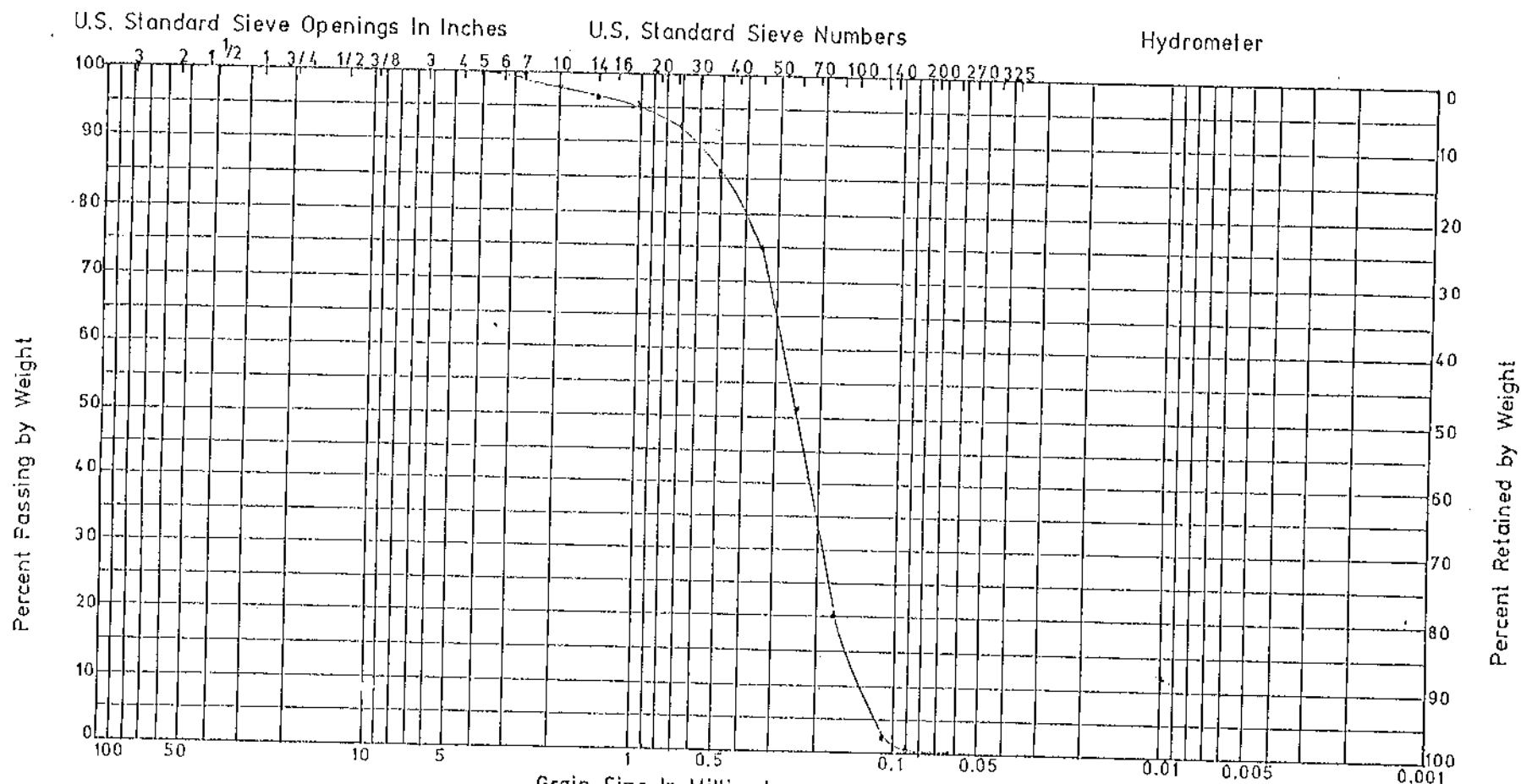
| | | | | |
|--|--|---|--|---------------------|
| DRILLING LOG | | DIVISION: South Atlantic | INSTALLATION: Jacksonville District | SHEET 1 of 1 |
| 1. PROJECT | | DELRAY BEACH SAND SEARCH | | |
| 2. LOCATION (Coordinates or Station) X= 810367.79 Y=772530.13 | | 10. SIZE AND TYPE OF BIT 3.0" | | |
| 3. DRILLING AGENCY: EXMAR | | 11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NGVD | | |
| 4. HOLE NO. (As shown on drawing title and file number) DB-87-9 | | 12. MANUFACTURER'S DESIGNATION OF DRILL EXMAR | | |
| 5. NAME OF DRILLER M.L. CLARK | | 13. TOT NO. OF OVERBURDEN SAMPLES TAKEN disturbed: 0.0 undisturbed: 0.0 | | |
| 6. DIRECTION OF HOLE VERTICAL | | 14. TOTAL NO. OF CORE BOXES | | |
| 7. THICKNESS OF BURDEN 0.0 FT | | 15. ELEVATION GROUND WATER | | |
| 8. DEPTH DRILLED INTO ROCK 0.0 FT | | 16. DATE HOLE Started Completed 7/16/87 0755 | | |
| 9. TOTAL DEPTH OF HOLE 19.5 FT | | 17. ELEVATION TOP OF HOLE -36.0 ft. | | |
| | | 18. TOTAL CORE RECOVERY FOR BORING 98% | | |
| | | 19. SIGNATURE OF GEOLOGIST FK, KB | | |

| ELEV. | DEPTH | LEGEND | CLASSIFICATION OF MATERIALS (Description) | CORE REC % | SAMPLE NUMBER | REMARKS |
|-------|-------|--------|--|------------------|------------------|---|
| -36 | 0 | | SAND, fine grained, with scattered shell fragments, Gray (SP) | | | SP |
| -37.2 | 1 | | shell layer, (SP) from -37.2' to -37.4' | | 1 | Sample #1, Depth = 1.0' 0.26 mm, 0.75 phi sorting 0.20% silt |
| | 2 | | fine grained, with scattered shell fragments. Gray (SP) from -37.4' to -38.9' | | | |
| -38.9 | 3 | | shell layer, (SP) from -38.9' to -39.1' | | | |
| | 4 | | | | | |
| | 5 | | | | | |
| | 6 | | | | 2 | Sample #2, Depth = 7.0' 0.27 mm, 0.50 phi sorting 0.20% silt |
| | 7 | | | | | |
| | 8 | | | | | |
| | 9 | | | | | |
| | 10 | | | | | |
| | 11 | | fine grained, small quantity of shell fragments, Gray (SP) from -39.1' to -54.7' | | 3 | Sample #3, Depth = 11.0' 0.25 mm, 0.64 phi sorting 0.10% silt |
| | 12 | | | | | |
| | 13 | | | | | |
| | 14 | | | | | |
| | 15 | | | | | |
| | 16 | | | | 4 | Sample #4, Depth= 18.0' 0.28 mm, 0.61 phi sorting 0.10% silt |
| | 17 | | | | | |
| -54.7 | 18 | | | | | |
| -55.5 | 19 | | NO RECOVERY | | | |
| | 20 | | End of Boring | | | |
| | 21 | | | | | |
| | 22 | | Note: Soils are classified in accordance with the Unified Soils Classification System. | | | |
| | 23 | | | | | |
| | 24 | | | | | |

PROJECT: Delray Beach

HOLE NUMBER:

MECHANICAL ANALYSIS CHART

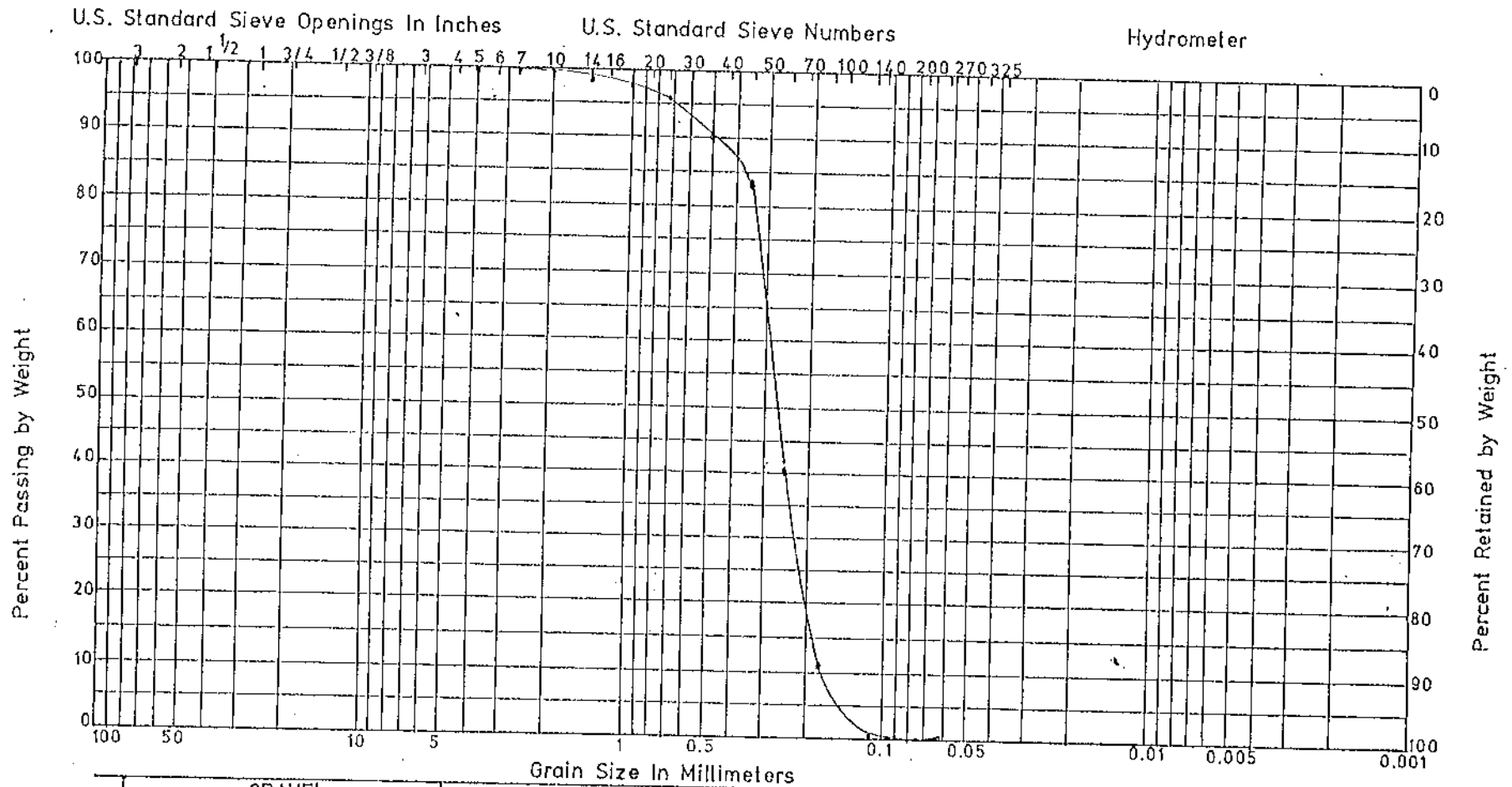


| GRAVEL | | SAND | | | SILT or CLAY |
|--------|------|--------|--------|------|--------------|
| Coarse | Fine | Coarse | Medium | Fine | |

| SAMPLE NO. | CLASSIFICATION |
|------------|---|
| 9 | GREY POORLY GRADED SAND |
| 1' | WITH TRACES OF SHELL FRAGMENTS |
| | (SP) |
| | MEAN: .262MM MEDIAN: .25MM SORTING: .75 |

| |
|--------------------------|
| PROJECT: |
| DELRAY BEACH SAND SEARCH |
| DATE: JULY 1987 |

MECHANICAL ANALYSIS CHART

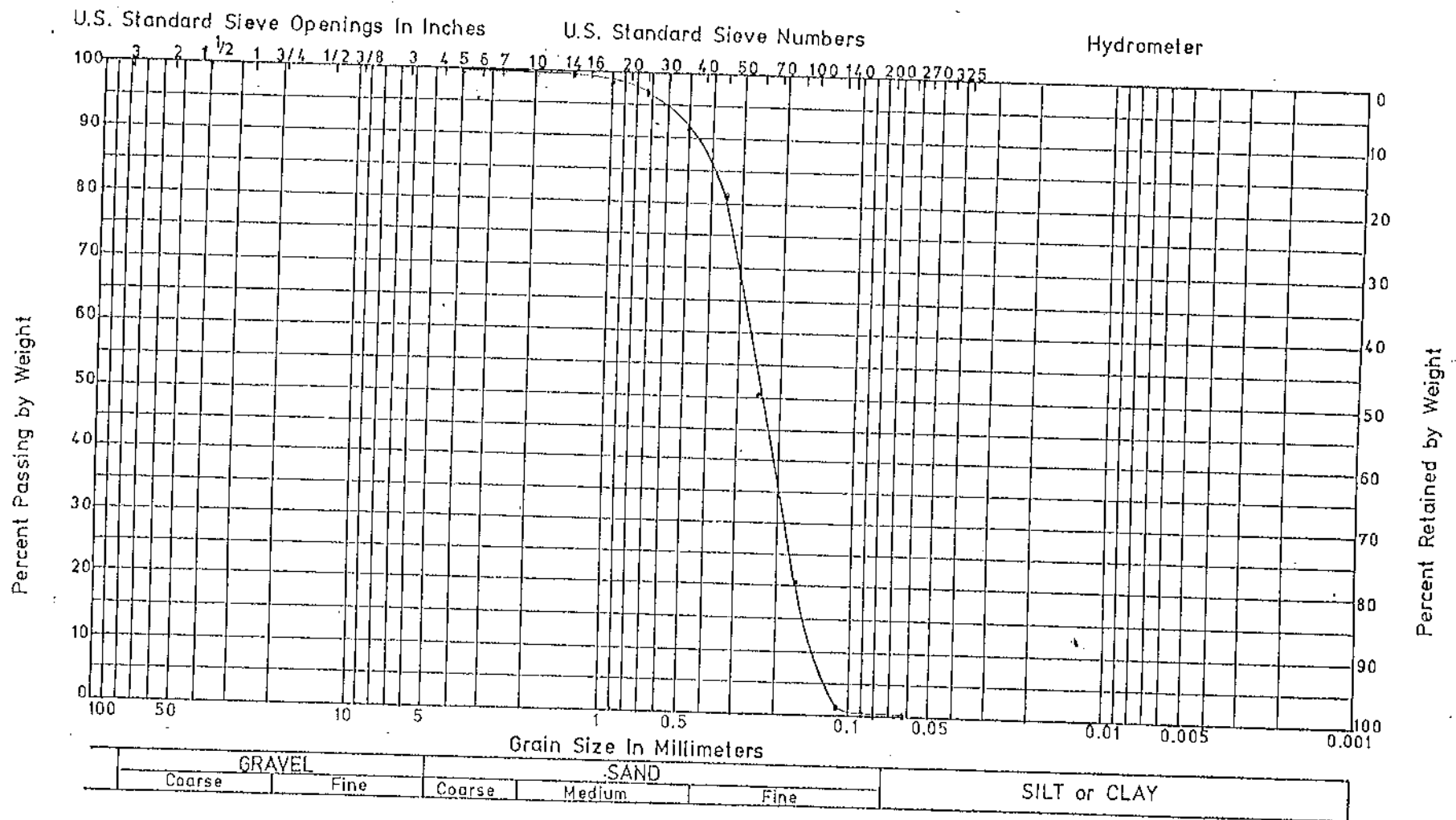


| | | | | | |
|--------|------|--------|--------|------|--------------|
| GRAVEL | | SAND | | | SILT or CLAY |
| Coarse | Fine | Coarse | Medium | Fine | |

| SAMPLE NO. | CLASSIFICATION |
|------------|---|
| 9 | GREY POORLY GRADED SAND |
| 7' | WITH TRACES OF SHELL. (SP) |
| | MEAN: .272MM MEDIAN: .28MM SORTING: .50 |

| |
|--------------------------|
| PROJECT: |
| DELRAY BEACH SAND SEARCH |
| DATE: JULY 1987 |

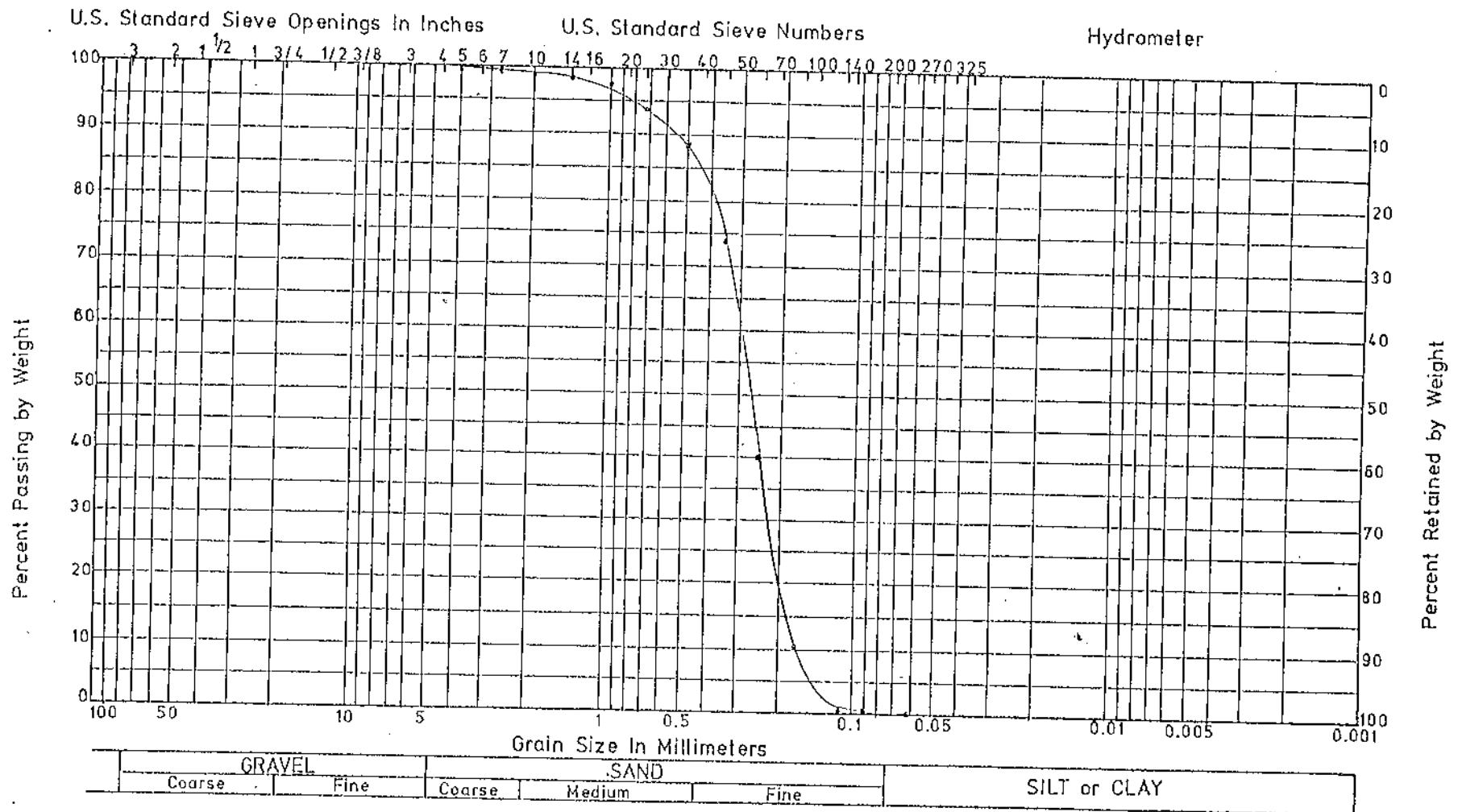
MECHANICAL ANALYSIS CHART



| SAMPLE NO. | CLASSIFICATION |
|------------|---|
| 9 11' | GREY POORLY GRADED SAND WITH TRACES OF SHELL FRAGMENTS. (SP) |
| | MEAN: .250MM MEDIAN: .25MM SORTING: .64 |

| |
|--------------------------|
| PROJECT: |
| DELRAY BEACH SAND SEARCH |
| DATE: JULY 1987 |

MECHANICAL ANALYSIS CHART



| SAMPLE NO. | CLASSIFICATION |
|------------|---|
| 9 | GREY POORLY GRADED SAND WITH |
| 18' | TRACES OF SHELL FRAGMENTS. (SP) |
| | MEAN: .283MM MEDIAN: .27mm SORTING: .61 |

| |
|--------------------------|
| PROJECT: |
| DELRAY BEACH SAND SEARCH |
| DATE: JULY 1987 |