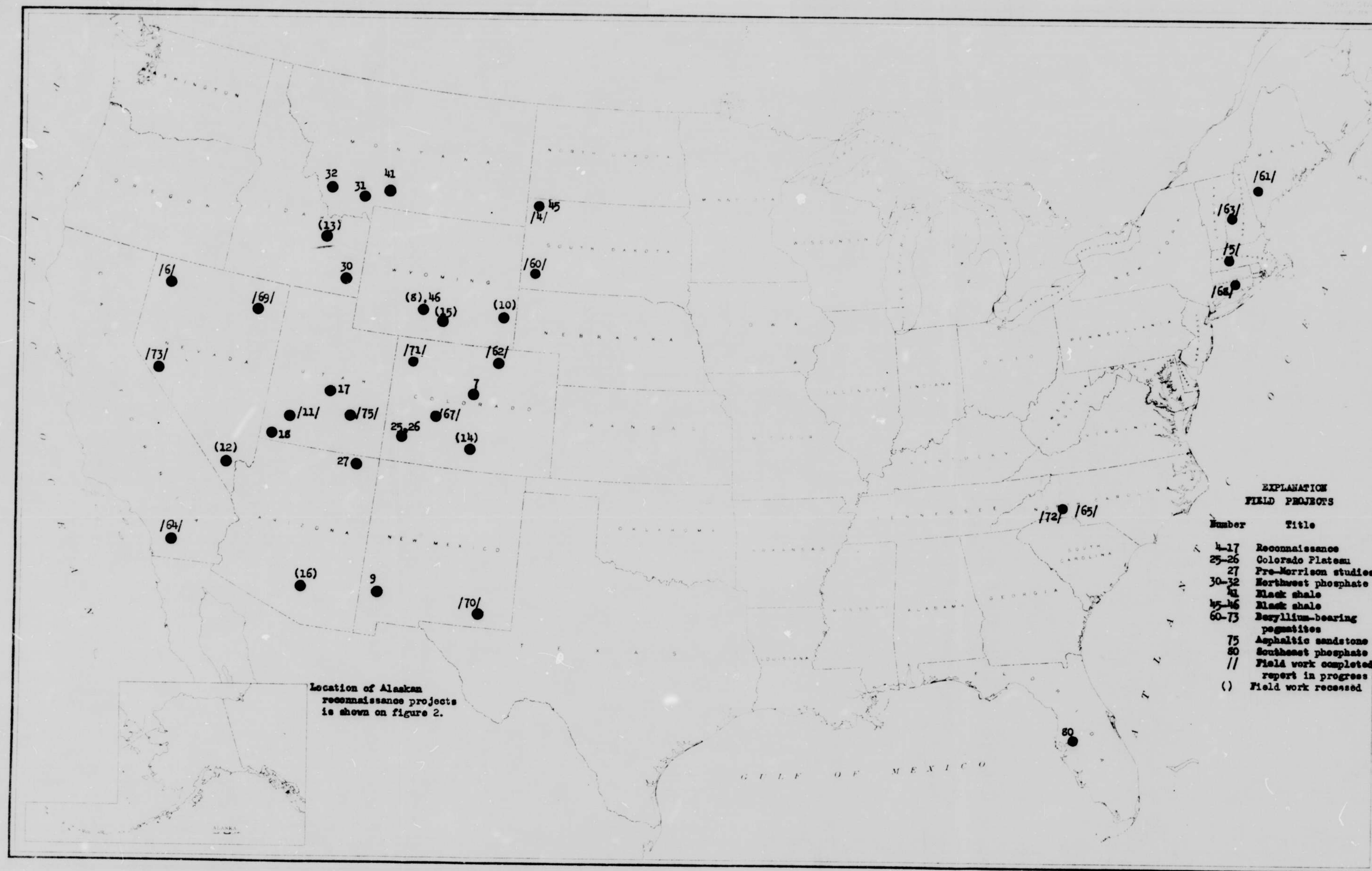


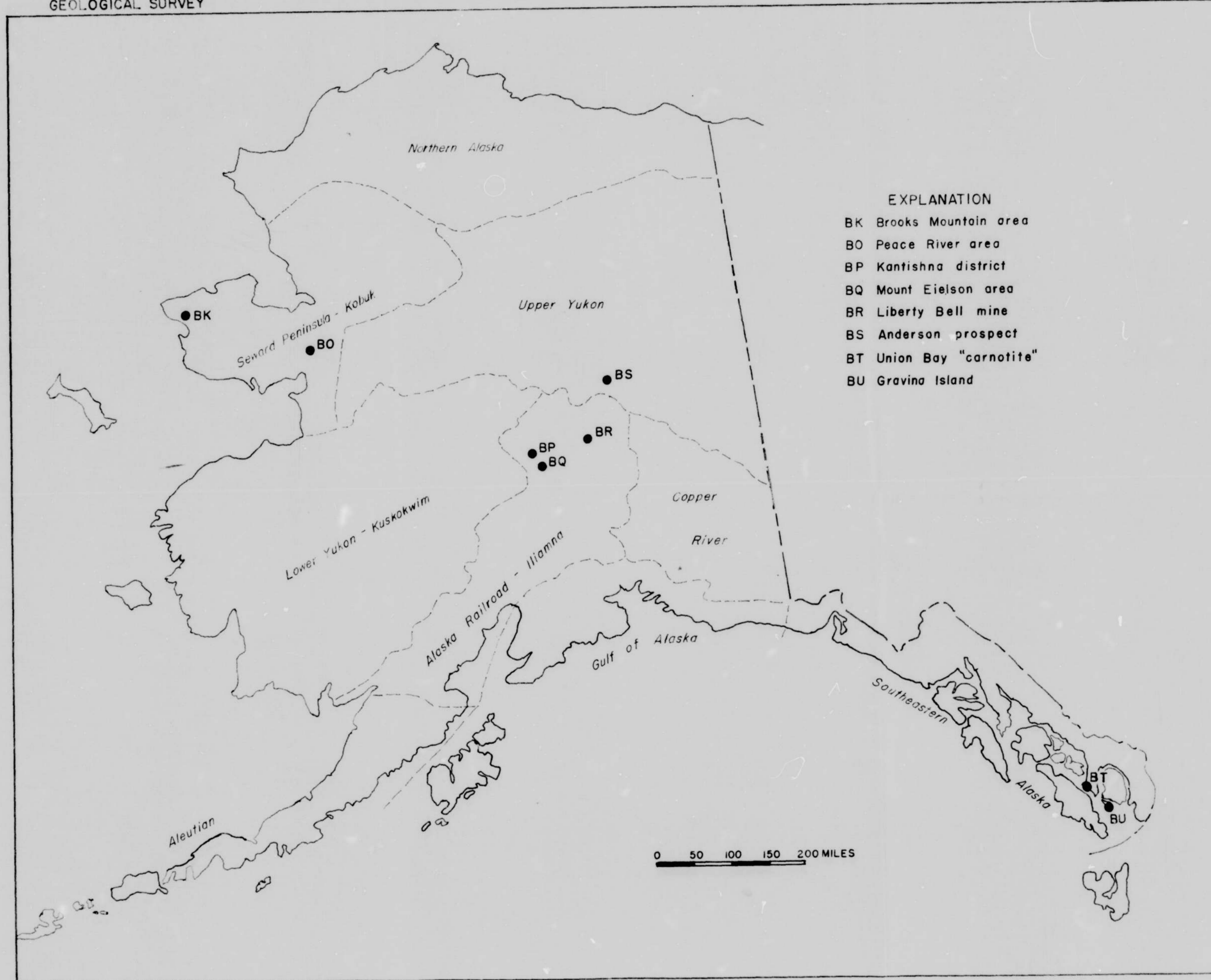
Figure 1



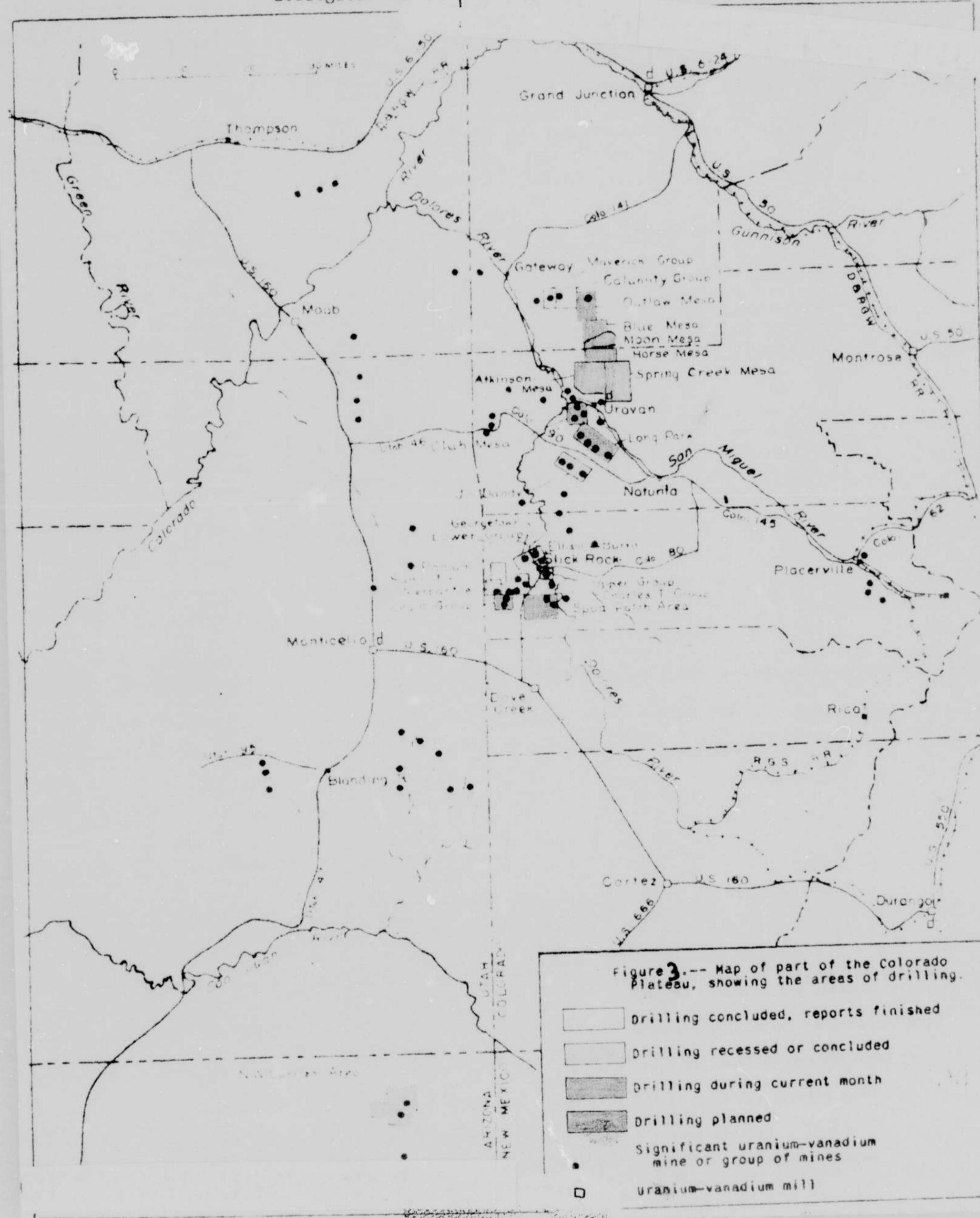
EXPLANATION
FIELD PROJECTS

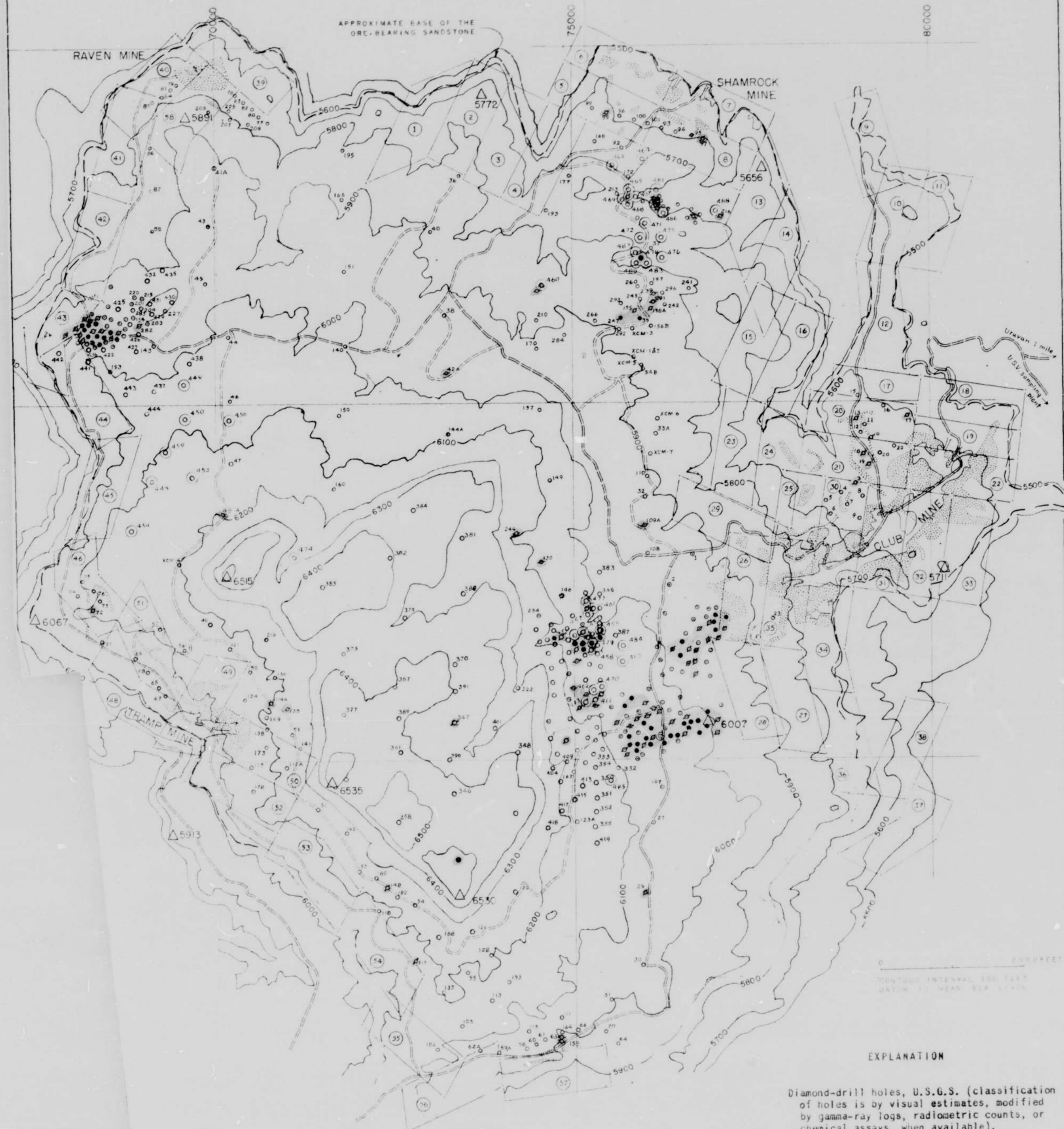
| Number | Title |
|--------|------------------------------|
| 4-17 | Reconnaissance |
| 25-26 | Colorado Plateau |
| 27 | Pre-Morrison studies |
| 30-32 | Northwest phosphate |
| 33 | Black shale |
| 34 | Black shale |
| 45-46 | Beryllium-bearing pegmatites |
| 60-73 | Beryllium-bearing pegmatites |
| 75 | Asphaltic sandstone |
| 80 | Southeast phosphate |
| // | Field work completed |
| | report in progress |
| () | Field work recessed |

FIELD PROJECTS
Trace Elements Office
June 1951



LOCATION OF ALASKAN TRACE ELEMENTS PROJECTS
IN PROGRESS DURING JUNE 1951





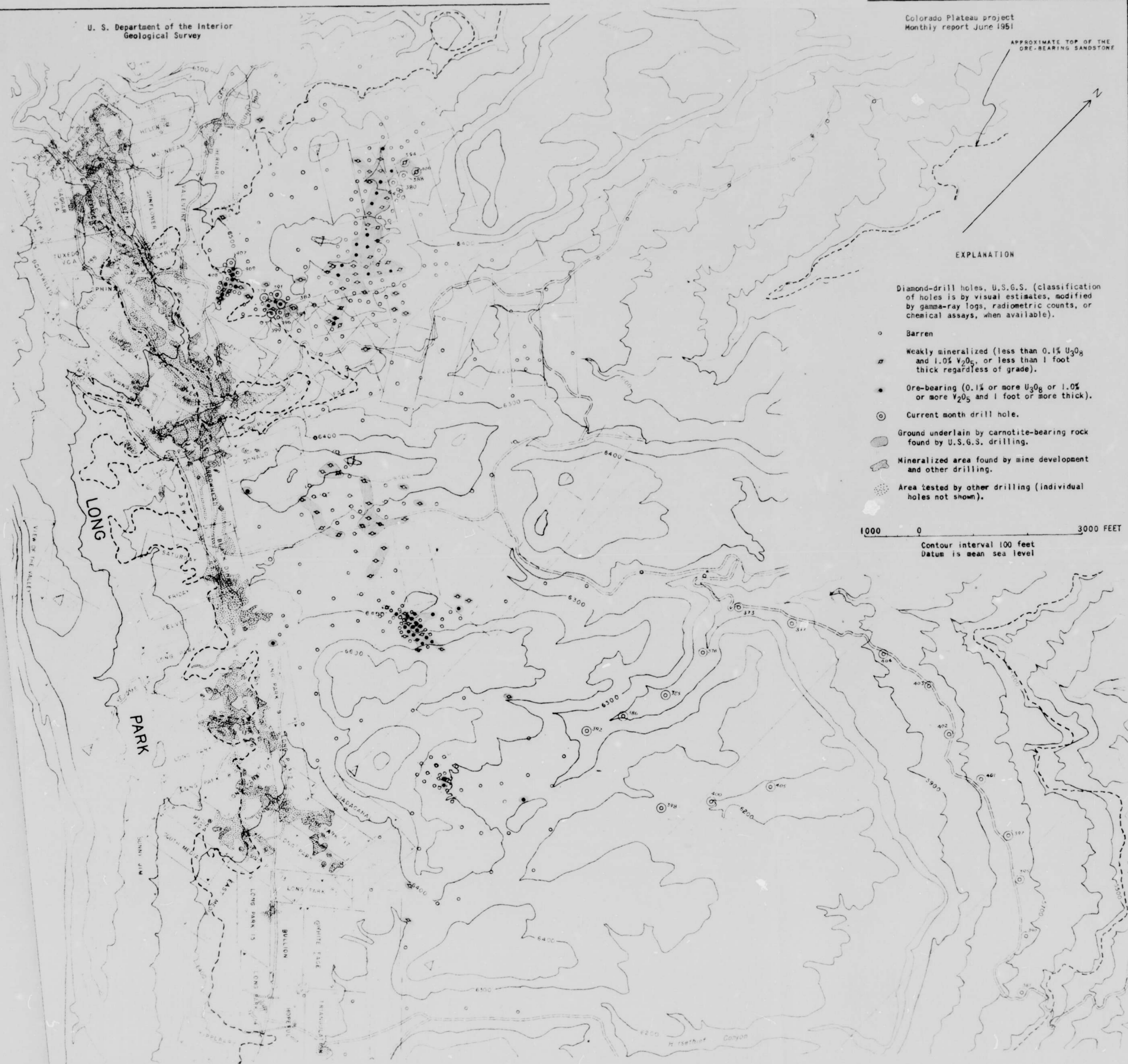
CLUB MESA, Montrose County, Colorado

CLAIM INDEX

| | | | |
|-------------------|------------------|-------------------|-----------------|
| 1 LUCKY STRIKE | 16 RAINY DAY | 31 R. A. M. | 46 BIG SHOT |
| 2 MARY | 17 B & M | 32 BETA WONDER | 47 |
| 3 VIRGINIA | 18 COMODORE | 33 BETA | 48 TRAMP NO. 1 |
| 4 HUNTER | 19 YELLOW JACKET | 34 SURPRISE | 49 TRAMP NO. 2 |
| 5 IRENE | 20 KAISER | 35 SURPRISE NO. 1 | 50 TRAMP NO. 3 |
| 6 SHAMROCK | 21 J. W. | 36 TELLURIDE | 51 TRAMP NO. 4 |
| 7 OLD SALT LICK | 22 RAMBLER | 37 CHEMIST | 52 OLD TAYLOR |
| 8 LOST HORSE | 23 BEAVER | 38 CHEMIST NO. 2 | 53 OLD HICKORY |
| 9 TRUSCOTT | 24 ELK | 39 LOLA | 54 U. S. GRANT |
| 10 RANCH OFF | 25 MILL NO. 1 | 40 RAVEN-20472 | 55 WILLIAM |
| 11 RAYMOND | 26 MILL NO. 2 | 41 CRACK SHOT | MCKINLEY |
| 12 LITTLE JOHNNY | 27 MILL NO. 3 | 42 BIRD SHOT | JOHN ADAMS |
| 13 SALT LAKE EXT. | 28 MILL NO. 4 | 43 BUCK SHOT | JACK RABBIT |
| 14 ANTELOPE | 29 MILL NO. 5 | 44 HALF 1" T | 58 PEARL WALKER |
| 15 RAVEN-20271 | 30 JOE JUNIOR | 45 SURE SHOT | |

EXPLANATION

- Diamond-drill holes, U.S.G.S. (classification of holes is by visual estimates, modified by gamma-ray logs, radiometric counts, or chemical assays, when available).
- ¹¹⁰ Barren
- ⁹¹ Weakly mineralized (less than 0.1% U₃O₈ and 1.0% V₂O₅, or less than 1 foot thick regardless of grade).
- ⁴⁷⁰ Ore-bearing (0.1% or more U₃O₈ or 1.0% or more V₂O₅ and 1 foot or more thick).
- ⁴⁶⁵ Current month drill hole.
- Ground underlain by carnotite-bearing rock found by U.S.G.S. drilling.
- Mine workings (approximate outline).
- Area tested by other drilling (individual holes not shown).



EXPLANATION

Diamond-drill holes, U.S.G.S. (classification of holes is by visual estimates, modified by gamma-ray logs, radiometric counts, or chemical assays, when available).

- Barren
- ◌ Weakly mineralized (less than 0.1% U_3O_8 and 1.0% V_2O_5 , or less than 1 foot thick regardless of grade).
- Ore-bearing (0.1% or more U_3O_8 or 1.0% or more V_2O_5 and 1 foot or more thick).
- ⊙ Current month drill hole.
- ◐ Ground underlain by carnotite-bearing rock found by U.S.G.S. drilling.
- ◑ Mineralized area found by mine development and other drilling.
- ◒ Area tested by other drilling (individual holes not shown).

1000 0 3000 FEET
Contour interval 100 feet
Datum is mean sea level

APPROXIMATE TOP OF THE
ORE-BEARING SANDSTONE

LONG PARK AND VICINITY, MONTROSE COUNTY, COLORADO

Figure 5



EXPLANATION

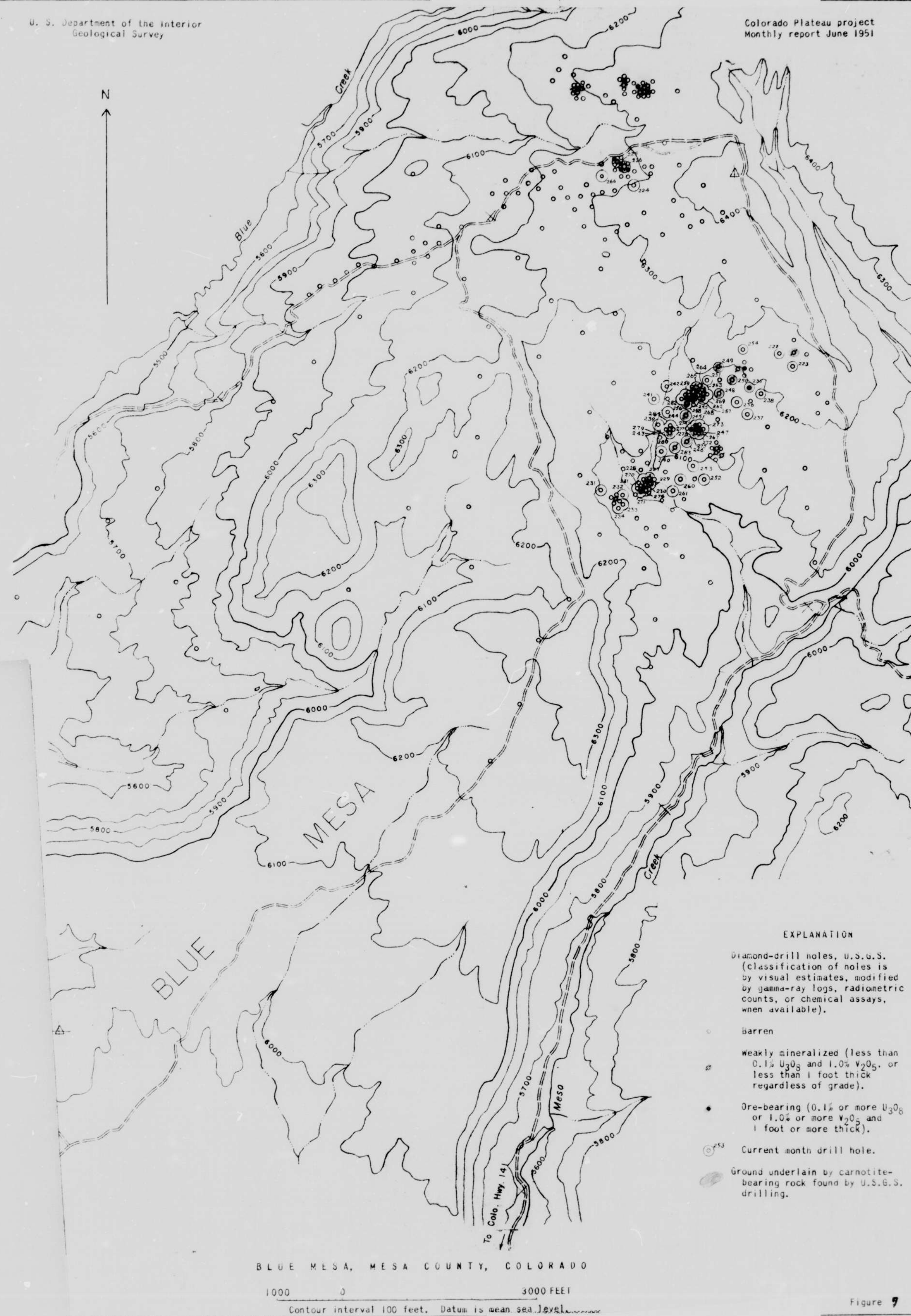
Diamond-drill holes, U.S.G.S.
(classification of holes is
by visual estimates, modified
by gamma-ray logs, radiometric
counts, or chemical assays,
when available).

- Barren
- Weakly mineralized (less than
0.1% U_3O_8 and 1.0% V_2O_5 , or
less than 1 foot thick,
regardless of grade).
- + Ore-bearing (0.1% or more U_3O_8
or 1.0% or more V_2O_5 and
1 foot or more thick).
- + Current month drill hole.

HORSE MESA AREA, MESA AND MONTROSE COUNTIES, COLORADO

1000 0 3000 FEET
Contour interval 100 feet. Datum is mean sea level.

Figure 6



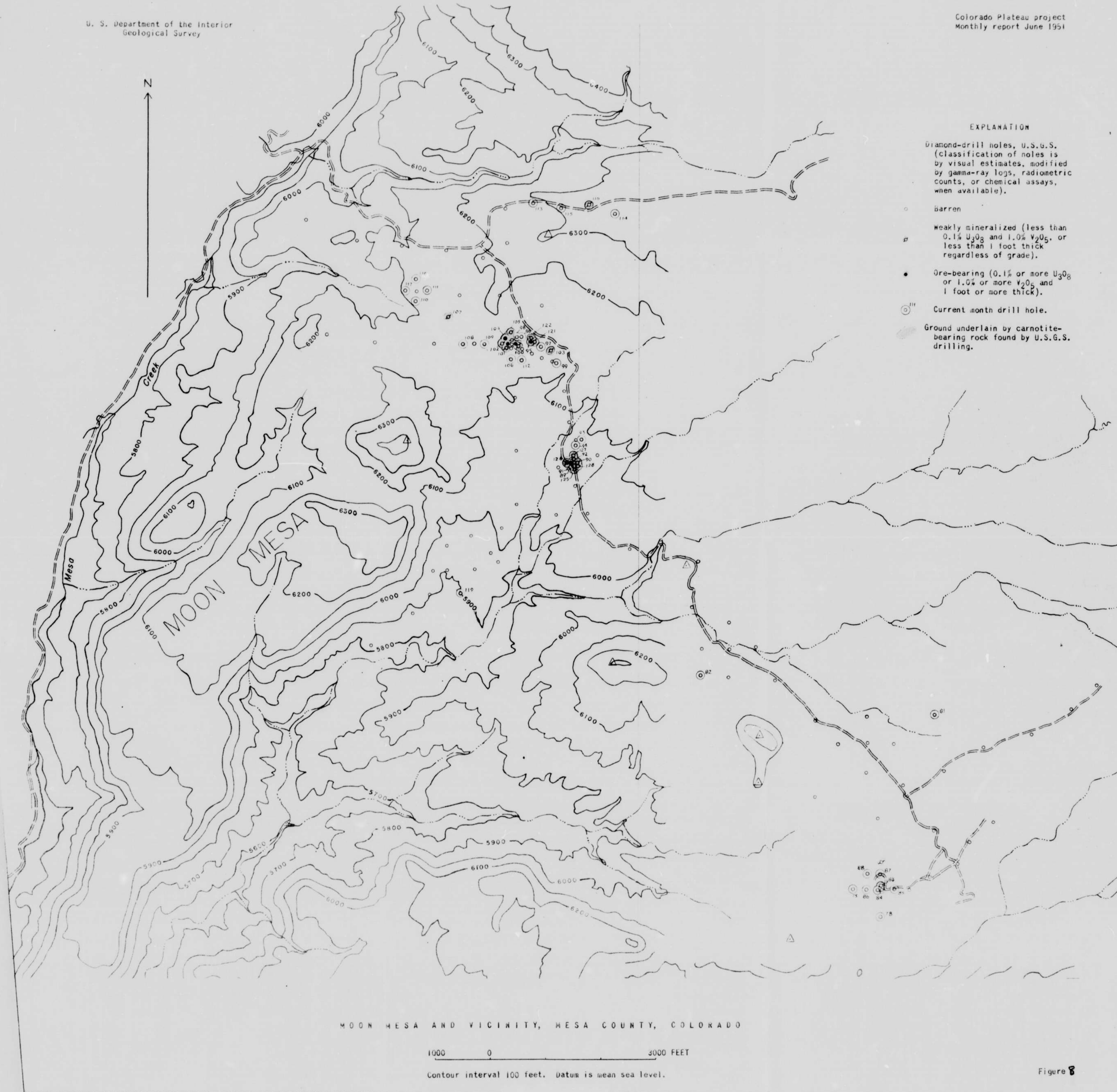
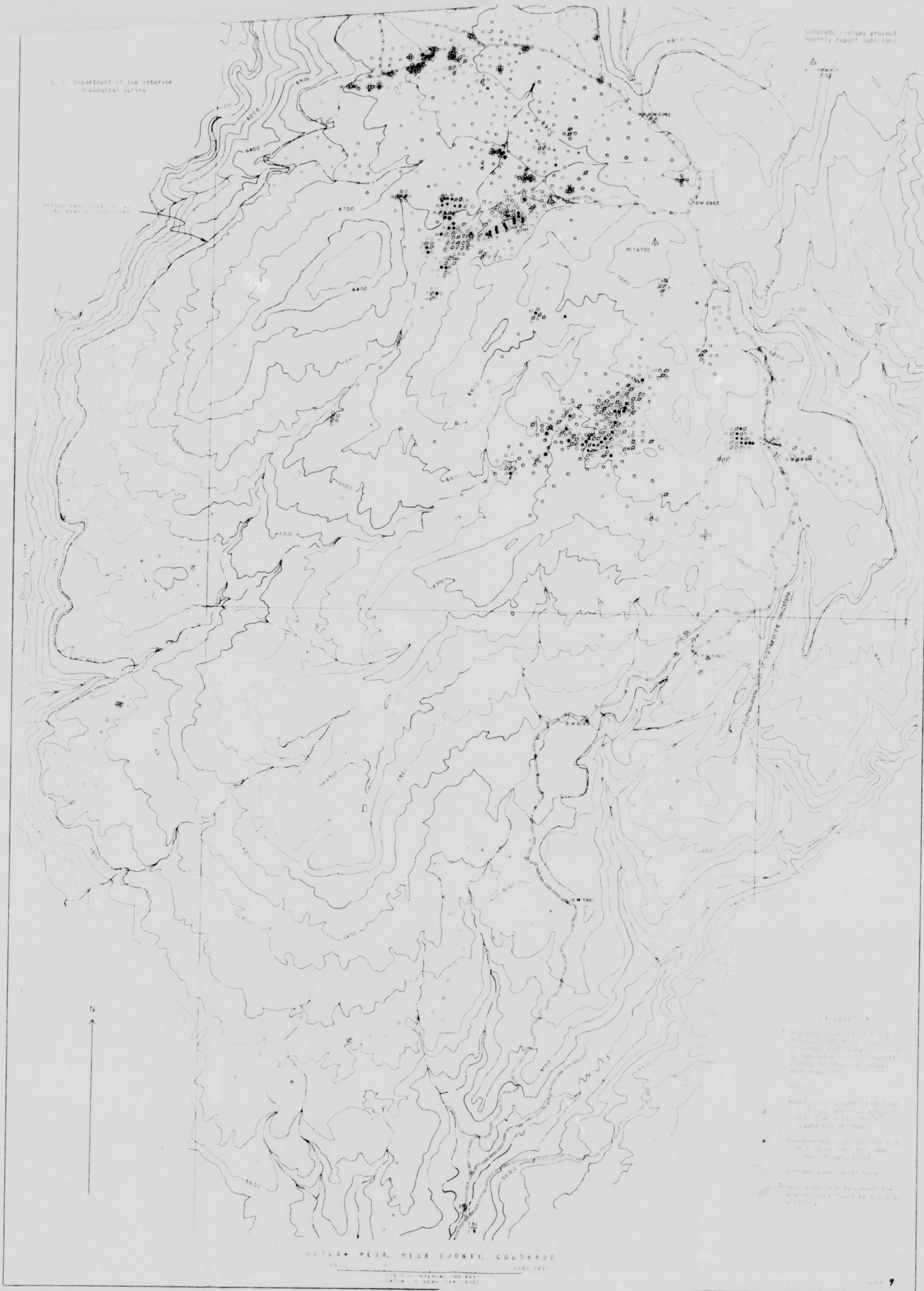


Figure 8



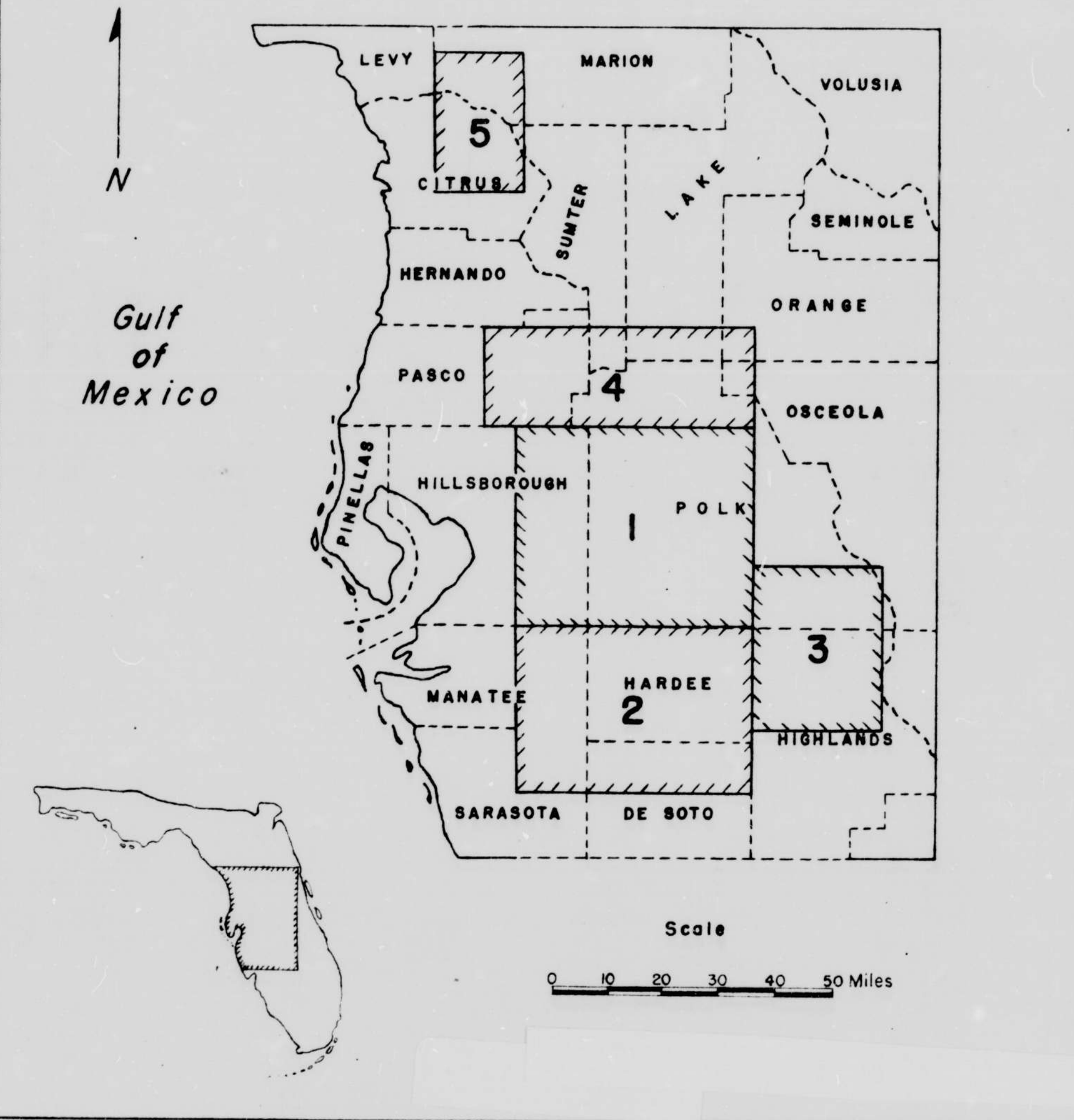
U. S. GEOLOGICAL SURVEY

FLORIDA PHOSPHATE PROJECT

*Figure 10
Sheet A*

INDEX TO PROGRESS MAPS

JUN 1951

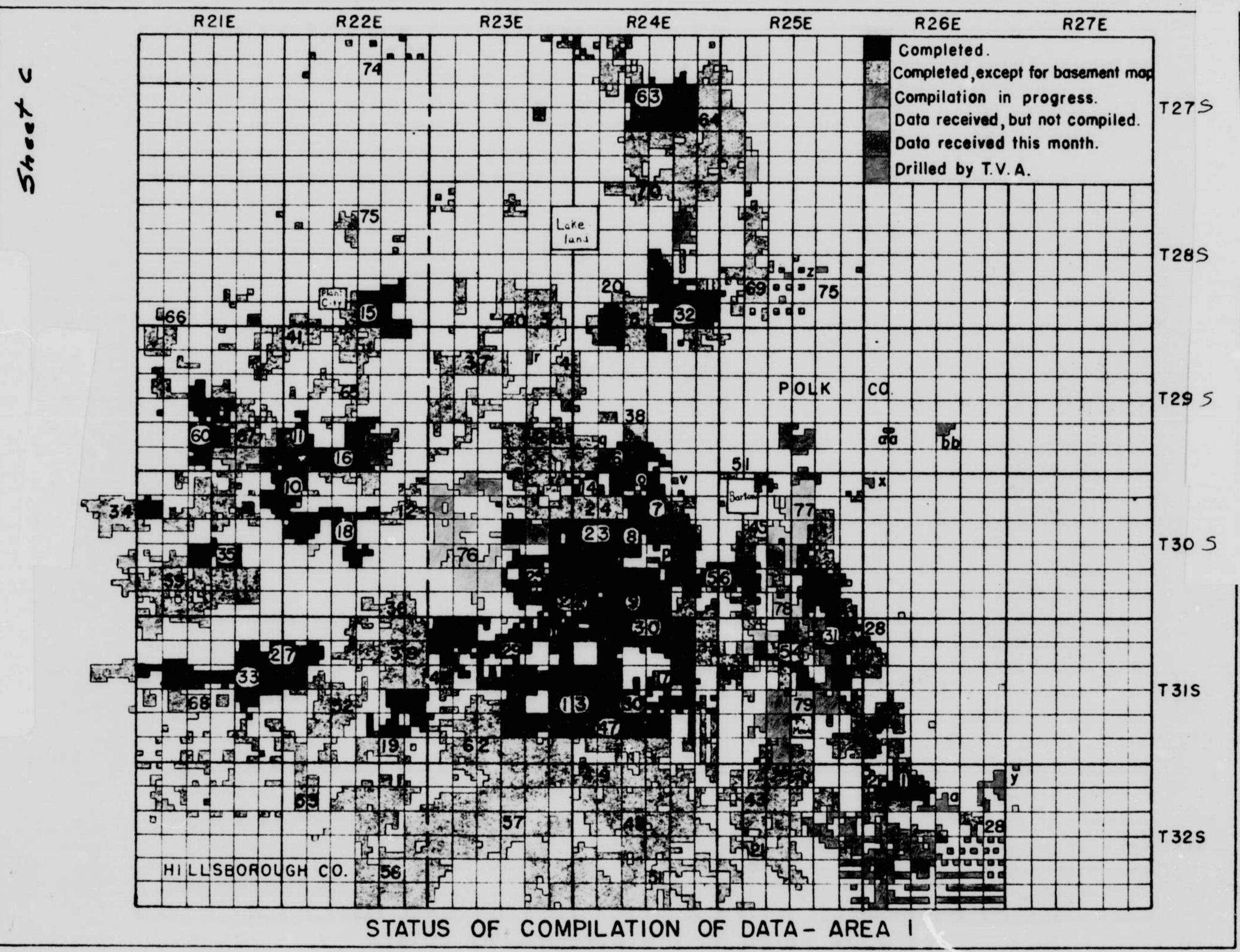


STATUS OF COMPILATION OF DATA FURNISHED
BY COMPANIES ON INDIVIDUAL TRACTS

Sites drilled by TVA: a,b,c,etc.

80% indicates data compiled except for basement contour map.

| | | | |
|---------------------------------|------|-------------------------------|------|
| 1. OLD COLONY, AM. CY. CO. | 100% | 45. PHARR, PEMBROKE CO. | 80% |
| 2. B. HART ESTATE, AM. CY. CO. | 100% | 46. TIGER BAY, A.A.C. | 80% |
| 3. SANGULLY, DAVISON | 80% | 47. NO. 12 WASHER, A.A.C. | 90% |
| 4. STANDARD, DAVISON | 80% | 48. SOUTH PIERCE, A.A.C. | 80% |
| 5. PAUWAY NO. 4, DAVISON | 90% | 49. BRADLEY LANDS (T32S,R24E) | 80% |
| 6. BONNEY LAKE, DAVISON | 100% | 50. BRADLEY LANDS (T31S,R24E) | 90% |
| 7. RIDGEWOOD, DAVISON | 100% | 51. INDEPENDENT CHEM. CO. | 80% |
| 8. OAK RIDGE, AM. CY. CO. | 100% | 52. CARTER, W. THOMAS | 80% |
| 9. GREEN BAY, AM. CY. CO. | 100% | 53. BAKER, W. THOMAS | 80% |
| 10. CARMICHAEL, A.A.C. | 100% | 54. WEST PEACE VALLEY, IMCC | 100% |
| 11. HOPEWELL, A.A.C. | 100% | 55. N. PEACE VALLEY, IMCC | 100% |
| 12. KEYSVILLE, A.A.C. | 80% | 56. NORALYN, IMCC | 100% |
| 13. BREWSTER, AM. CY. CO. | 100% | 57. CONSOLIDATED, A.A.C. | 80% |
| 14. MARY LEE, CORONET | 100% | 58. ALDERMAN'S CREEK, A.A.C. | 80% |
| 15. CORONET (UPPER) CORONET | 100% | 59. FISHHAWK, A.A.C. | 80% |
| 16. HOPEWELL (LOWER) CORONET | 90% | 60. SIDNEY, AM. CY. CO. | 100% |
| 17. GREEN HEAD, AM. CY. CO. | 100% | 61. SOUTH VARN, W. THOMAS | 80% |
| 18. ELEANOR, CORONET | 100% | 62. SWEARINGEN, W. THOMAS | 80% |
| 19. BIG FOUR, CORONET | 80% | 63. ORANGE, AM. CY. CO. | 90% |
| 20. CLEVELAND HEIGHTS, AM. CY. | 80% | 64. SADDLE CREEK, A.A.C. | 80% |
| 21. POLK PHOS. CO. LANDS | 80% | 65. MOCCASIN POND, W. THOMAS | 80% |
| 22. PEBBLEDALE-PIERCE, A. A. C. | 100% | 66. DOVER, W. THOMAS | 80% |
| 23. NO. 122 WASHER, IMCC | 90% | 67. DURANT, W. THOMAS | 80% |
| 24. NO. 12 WASHER, IMCC | 80% | 68. PETROVICH, W. THOMAS | 80% |
| 25. No. 6 WASHER, IMCC | 100% | 69. EBERSBACH, W. THOMAS | 80% |
| 26. PRAIRIE, IMCC | 80% | 70. GRIMES GOLDEN, W. THOMAS | 80% |
| 27. WAYNE THOMAS | 80% | 71. MANATEE, AM. CY. CO. | 80% |
| 28. A.C.L. R.R. | 80% | 72. WILDCAT T25S, AM. CY. CO. | 80% |
| 29. BRADLEY, IMCC | 100% | 73. WILDCAT T26S, AM. CY. CO. | 80% |
| 30. EAST BRADLEY, IMCC | 90% | 74. WILDCAT T27S, AM. CY. CO. | 80% |
| 31. EAST PEACE VALLEY, IMCC | 100% | 75. WILDCAT T28S, AM. CY. CO. | 80% |
| 32. SADDLE CREEK, AM. CY. CO. | 100% | 76. NICHOLS, V-C | 0% |
| 33. BOYETTE, A.A.C. | 80% | 77. CLEAR SPRINGS, V-C | 0% |
| 34. BLOOMINGDALE, A.A.C. | 80% | 78. HOMELAND, V-C | 0% |
| 35. LITHIA, A.A.C. | 100% | 79. FT. MEADE, V-C | 0% |
| 36. WELCOME, AM. CY. CO. | 80% | 80. SOUTH FT. MEADE, V-C | 0% |
| 37. MEDULLA, IMCC | 80% | | |
| 38. HIGHLAND, IMCC | 80% | | |
| 39. HILLSBOROUGH, IMCC | 80% | | |
| 40. DRANE, IMCC | 80% | | |
| 41. COONS, SWIFT & CO. | 80% | | |
| 42. WEST BRADLEY, SWIFT & CO. | 80% | | |
| 43. WARREN, SWIFT & CO. | 80% | | |
| 44. VARN, SWIFT & CO. | 80% | | |

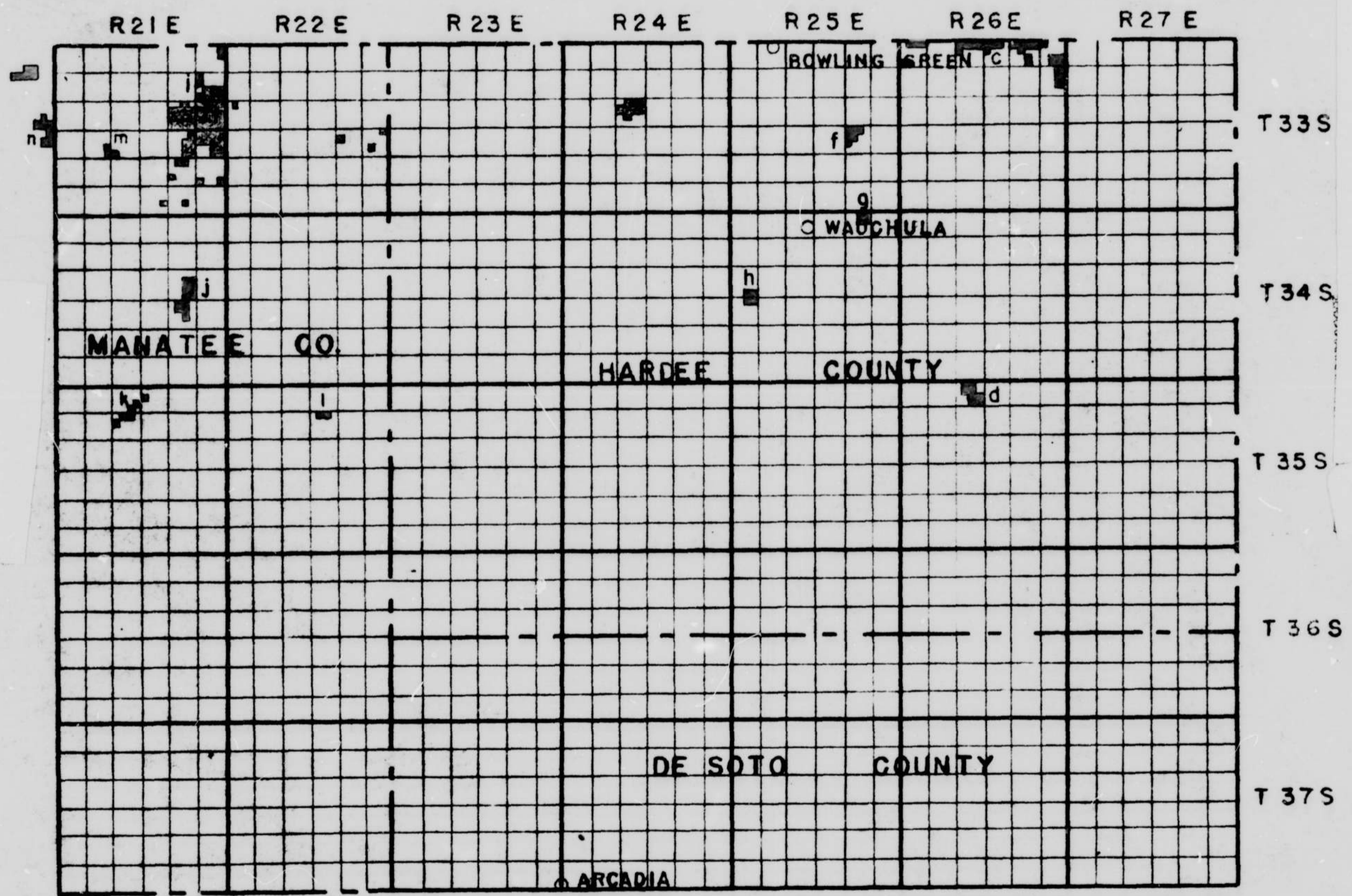


Sheet C

U S GEOLOGICAL SURVEY

For explanation see map of Area 1.

Sheet D



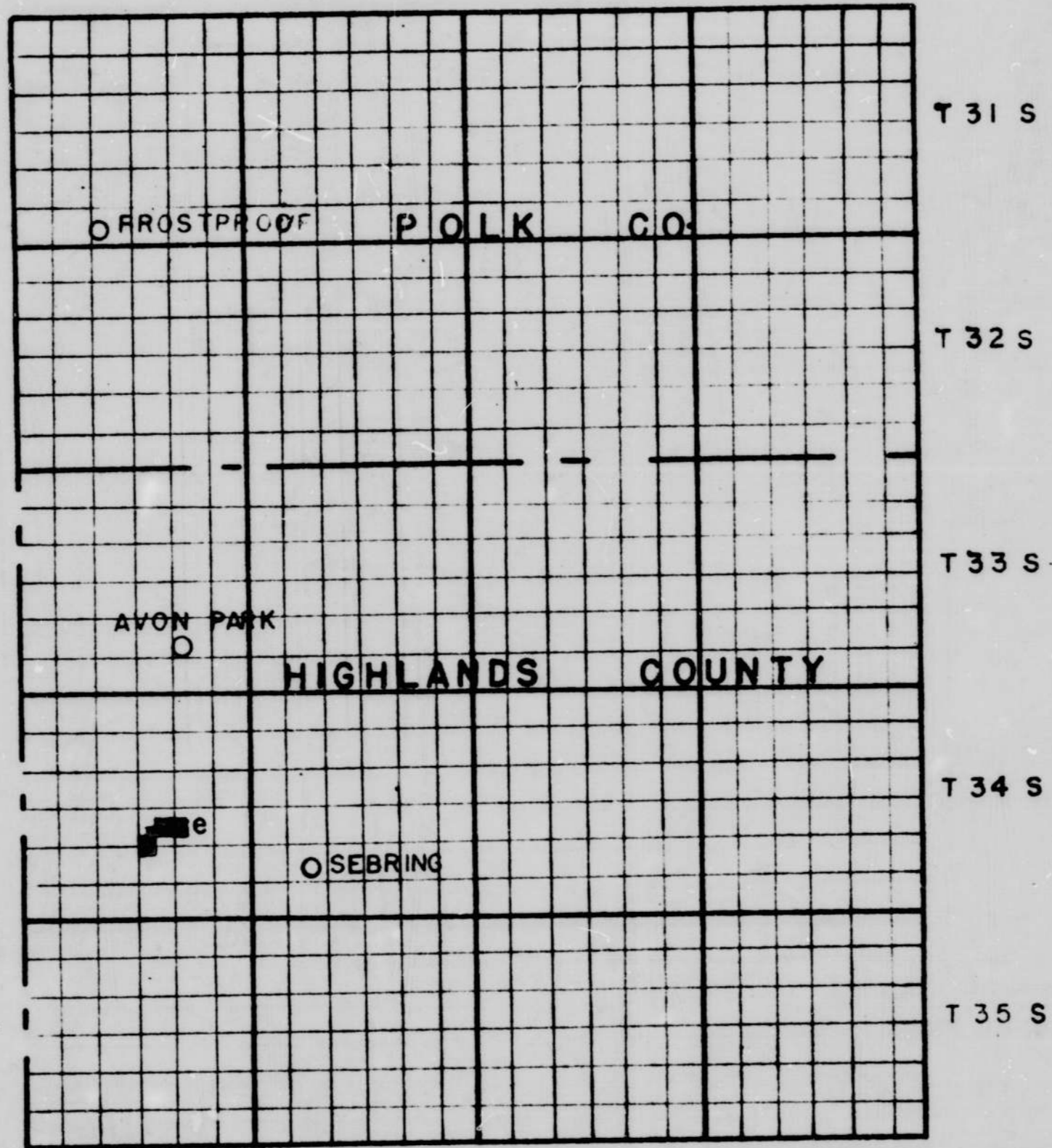
STATUS OF COMPILATION OF DATA - AREA 2

U. S. GEOLOGICAL SURVEY

For explanation see map of Area 1.

Sheet E

R 28 E R 29 E R 30 E R 31 E

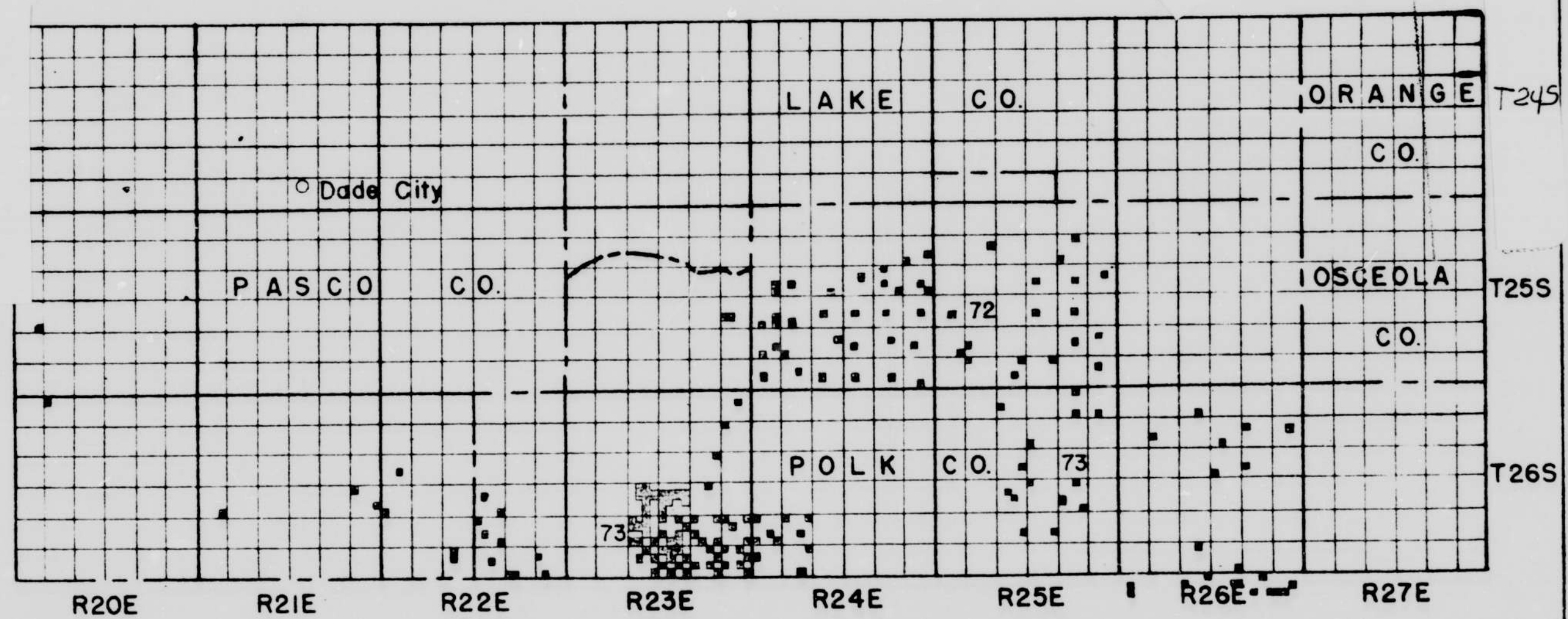


STATUS OF COMPILATION OF DATA - AREA 3

U. S. GEOLOGICAL SURVEY

For explanation see map of Area 1.

Sheet F



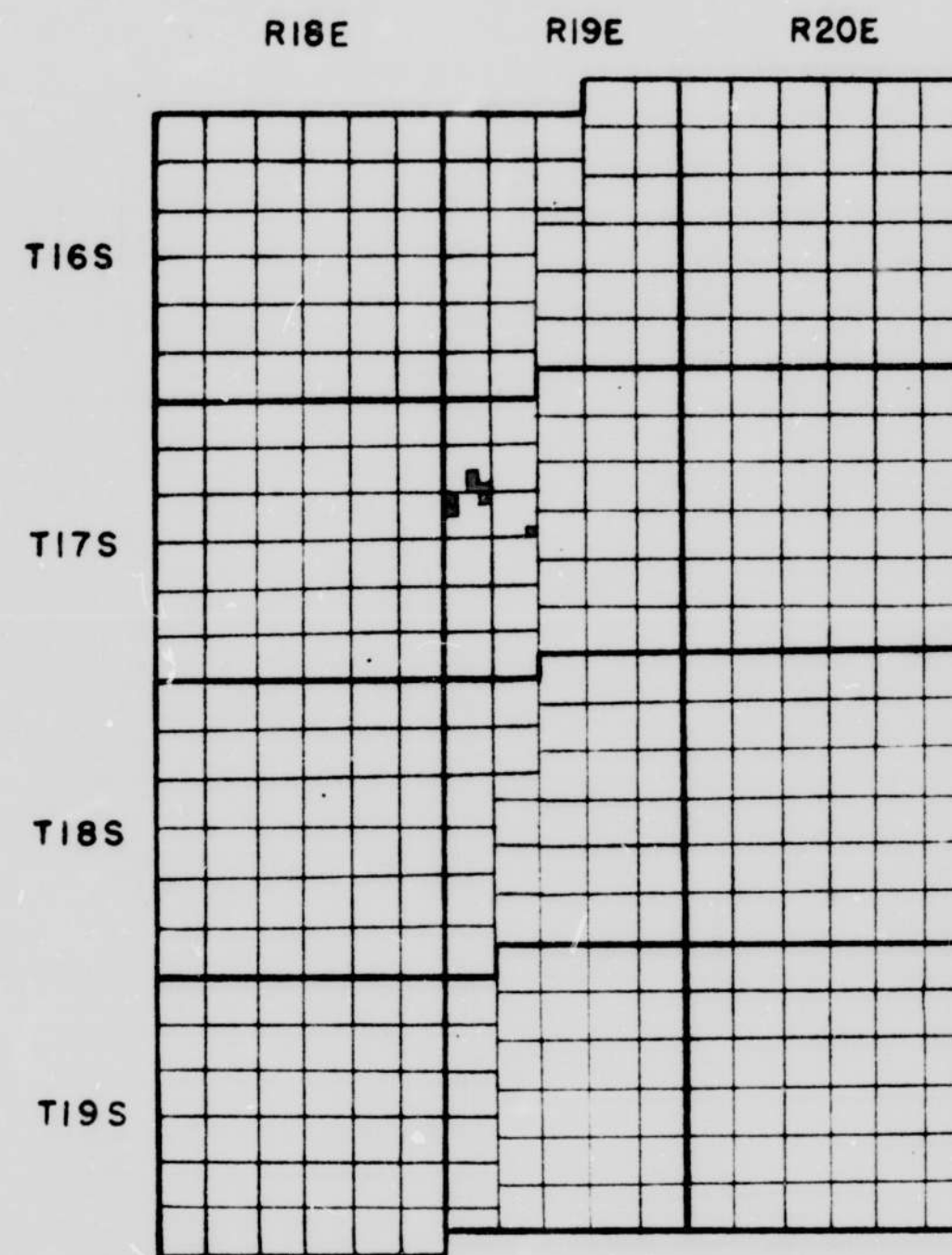
STATUS OF COMPILATION OF DATA - AREA 4

Sheet 6

For explanation see map of Area I.

KEY TO SECTION NUMBERS

| R19E | | | |
|------|----|----------|-------|
| 6 | 8 | 4 | 2 1 |
| 7 | 9 | 11 | 12 |
| 18 | 17 | 22 23 | 24 16 |
| 19 | 20 | 27 26 | 25 |
| 30 | 29 | 34 35 | 36 |
| 31 | 32 | 3 | 2 1 |
| 6 | 5 | 10 11 | 12 |
| 7 | 8 | 15 14 | 13 |
| 18 | 17 | 22 23 | 24 |
| 19 | 20 | 27 26 | 25 |
| 30 | 29 | 34 35 | 36 |
| 31 | 32 | 3 | 2 1 |
| 6 | 5 | 10 11 | 12 |
| 7 | 8 | 15 14 | 13 |
| 17 | 18 | 21 22 23 | 24 |
| 19 | 20 | 27 26 | 25 |
| 30 | 29 | 34 35 | 36 |
| 31 | 32 | 4 3 2 | 1 |
| 6 | 9 | 10 11 | 12 |
| 7 | 16 | 15 14 | 13 |
| 18 | 21 | 22 23 | 24 |
| 19 | 28 | 27 26 | 25 |
| 30 | 33 | 34 35 | 36 |
| 31 | 34 | 35 | 36 |



STATUS OF COMPILATION OF DATA - AREA 5