

ORE MIN. BARREN

FAV. UNFAV.

U.S.A.E.C.

HOLE NO. K-234 570 cps

PROJECT X10

LOCALITY Step Mesa

CLAIM

COLLAR ELEV. 8144

DEPTH 540

COORDINATES N-102990

E193417

DATE COMPLETED 8-2-55

LOGGED BY DAF

DATE 8-4-55

330 87.8 RECOVERY 97.6%

90

| RECOVERY | GEOLOGIC COLUMN | COLOR | BEDDING | TEXTURE | GRAIN COATINGS | CARBON | ORE MINERALS | MISCELLANEOUS | DEPTH |
|----------|-----------------|-----------|----------------|---------|----------------|--------|--------------|---------------------------------|-------|
| 340 | | | | | | | | | |
| 350 | | | | | | | | | |
| 360 | | | | | | | | | |
| 370 | | | | | | | | | |
| 380 | | | | | | | | | |
| 390 | | | | | | | | | |
| 400 | | | | | | | | | |
| 410 | | | | | | | | | |
| 420 | | | | | | | | | |
| 430 | | | | | | | | | |
| 440 | | | | | | | | | |
| 450 | | | | | | | | Plug bit to 450.0' | |
| 450 | | Red Brn | mass | VF | | | | calcite-A | |
| 450 | | LT Red | | VF | | | | calcite-S | |
| 450 | | LT Red | | VF | | | | | |
| 450 | | LT Gy | Frable | F-VF | | | | | |
| 450 | | Pink | | NF | HEM S | | | LIM STAIN-S | |
| 450 | | TAN | thin | | LIM S | | | HEM-STAIN-A | |
| 460 | | LT Red | inclined | F-VF | LIM SP | | | Calcite-A 460-462 | |
| 460 | | DK Gy | LAMINATED | | HEM A | | | Magnetite grains 460.5-461.5 | |
| 460 | | Green | | | | | | HEM-STAIN-A-461.5-462 | |
| 470 | | Red Brn | thin banded | | | | | | |
| 470 | | LT Red | | | | | | | |
| 470 | | LT Gy | banded | | | | | silty Fe green band | |
| 470 | | Green | | | | | | Calcite-VA 471.5-475 | |
| 470 | | LT Red | | | | | | Green Red silt 3" thick | |
| 480 | | LT Gy | thin mag bands | | LIM S | | | LIM STAIN-S 476-478 | |
| 480 | | Green | Frable | | | | | | |
| 480 | | LT Red | banded | VF | | Carbon | | Red Brn silt seams (very thin) | |
| 480 | | LT Gy | | SO-E | | | | HEM STAIN-S | |
| 480 | | LT Gy | Frable | F-VF | LIM S | | | LIM STAIN-S 482-485 | |
| 480 | | Green | | SO-F | | | | thin Red-Gy Ms seam 2" | |
| 480 | | M Gy | Frable | SO-F | HEMA | | | HEM STAIN-A 485-487 | |
| 480 | | LT Red | | | | | | Red-Brn Ms gls-A | |
| 490 | | LT Red | Frable | F-VF | HEMA | | | | |
| 490 | | Gy | | | LIM-SP | | | Red-Brn Ms gls | |
| 490 | | Red Gy | banded | | | | | | |
| 490 | | Red Brn | | VF | | | | Very thin Red silt seam | |
| 490 | | Red Brn | silty | SO-G | | | | | |
| 490 | | Red Brn | | | | | | Calcite-A | |
| 490 | | Red Brn | | VF | | | | Red silt Green Ms gls Calcite-A | |
| 500 | | LT Red | thick | VF | | | | | |
| 500 | | Brn | | SO-G | | | | Red-Brn - Gy Ms gls | |
| 500 | | M Red Brn | silty | VF | | | | 501-503 | |
| 500 | | TAN | | F-VF | LIM-A | | | Calcite-A 503-504 | |
| 500 | | | | SO-F | HEM-S | | | Red Ms gls | |
| 500 | | | | | | | | LIM-STAIN-A | |
| 510 | | Red Brn | banded | | | | | Red-Gy Ms gls LIM-HEM STAIN | |
| 510 | | Pink | | VF | | | | thin Red Ms | |
| 510 | | LT Gy | | | LIM-A | | | Calcite-A-511.5-512.5 | |
| 510 | | DK Red | | | | | | Calcite-A | |
| 510 | | LT Red | thick | VF | | | | LIM-A Green Ms gls | |
| 510 | | LT Red | | | | | | CaCO3-A 515.5 516 | |
| 510 | | LT Red | | | | | | Calcite-A | |
| 510 | | LT Red | | | | | | calcite-A | |
| 510 | | LT Gy | | VF | | | | Red silt seam 0.1" | |
| 510 | | LT Gy | silty | VF | | | | Red Ms - Red Silts seams | |
| 510 | | LT Red | | | | | | Green Ms gls (small) | |
| 510 | | LT Red | | | | | | LIM-STAIN-A | |
| 510 | | LT Red | | | | | | Red silt seams | |
| 510 | | LT Red | | | | | | Calcite A. 526.5-528 | |
| 510 | | Brn | | VF | | | | | |
| 510 | | LT Red | | SO-G | | | | | |
| 530 | | LT Brn | | F-VF | LIM-S | | | LIM STAIN A. | |
| 530 | | | | SO-F | HEM SP | | | 532-533 | |
| 540 | | White | Frable | F-VF | | Carbon | Asphalt | LIM STAIN 533-534 | |
| 540 | | Red Brn | | | | | | Green Ms gls | |
| 540 | | LT Red | thick | F-VF | HEM S | | | Red siltstone seam 2" | |
| 540 | | Brn | | | LIM SP | | | Calcite-A 536.5-537.5 | |
| 540 | | | | | | | | HEM STAIN SP | |
| | | | | | | | | Hole bottomed at 540.0' | |
| | | | | | | | | Bluff-SW contact | |
| | | | | | | | | 560.0' | |