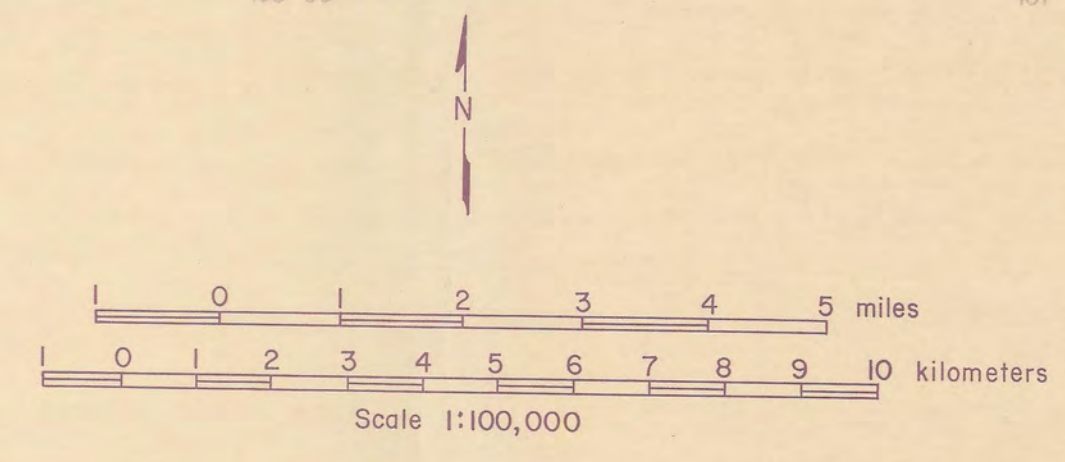


**EXPLANATION**

- |                                       |   |                           |
|---------------------------------------|---|---------------------------|
| <b>SYMBOLS</b>                        | Green River Formation                   | <b>ADDITIONAL SYMBOLS</b> |
| — Suspected Active Faults             | Tgl Laney Member                        | — Uranium Claims          |
| - - - Inactive Faults                 | Tgt Tipton Shale Member                 | ■ Ore Bodies              |
| - · - · - Unknown Fault Activity      | Tgln Luman Tongue                       |                           |
| ····· Photo Lineaments                |   |                           |
| <b>QUATERNARY</b>                     | <b>Wasatch Formation</b>                |                           |
| Qal Alluvium                          | Twc Cathedral Bluffs Tongue             |                           |
| Qt Gravel, Pediment, and Fan Deposits | Twn Niland Tongue                       |                           |
| Qs Dune Sand and Loess                | Twm Main Body                           |                           |
| Ql Playa Lake and Lacustrine Deposits | Tbs Battle Spring Formation             |                           |
| <b>TERTIARY</b>                       | Tfu Fort Union Formation                |                           |
| Tm Miocene Rocks                      | <b>CRETACEOUS</b>                       |                           |
| Twr White River Formation             | Kl Lance Formation                      |                           |
| Tb Bridger Formation                  | Kfl Fox Hills Sandstone and Lewis Shale |                           |
| Tcg Crooks Gap Conglomerate           | Kmv Mesaverde Formation                 |                           |
|                                       | Kc Cody Shale                           |                           |



**REFERENCES**

Love, J.D., and Christiansen, A.C., 1986, Geologic map of Wyoming: U.S. Geological Survey, scale 1:600,000.

Love, J.D., Christiansen, A.C., Earle, J.L., and Jones, R.W., compilers, 1979, Preliminary geologic map of the Casper 1° x 2° Quadrangle, central Wyoming: U.S. Geological Survey Open File Report 79-961, scale 1:260,000.

Love, J.D., Christiansen, A.C., and Jones, R.W., compilers, 1978, Preliminary geologic map of the Lander 1° x 2° Quadrangle, northern Wyoming: U.S. Geological Survey Open File Report 78-1301, scale 1:260,000.

Masursky, H., 1962, Uranium-bearing coal in the eastern part of the Red Desert area, Wyoming: U.S. Geological Survey Bulletin 1099-B, 162 p., plate 1, scale 1:62,500.

Pipiringos, G.N., 1961, Uranium-bearing coal in the central part of the Great Divide Basin: U.S. Geological Survey Bulletin 1099-A, 104 p., plate 1, scale 1:62,500.

**PRELIMINARY SSC SITE MAP - RED DESERT BASIN**  
MAY 20, 1987

PREPARED BY THE GEOLOGICAL SURVEY OF WYOMING