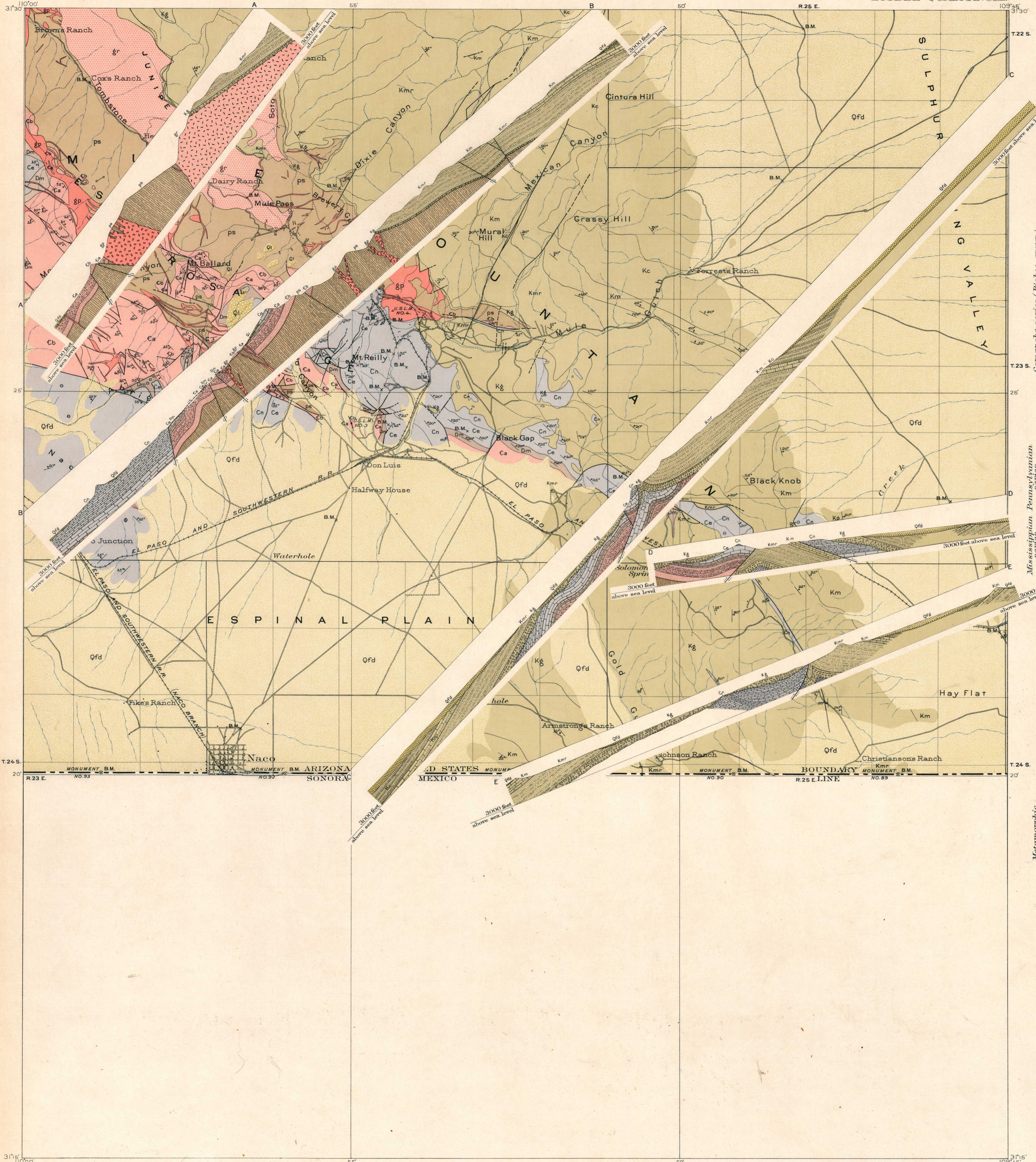


STRUCTURE SECTIONS



LEGEND

- |   |     |     |  |
|---|-----|-----|--|
|   | Ql  | Ql  | Landslides   |
| <b>SEDIMENTARY ROCKS</b>  |     |     |  |
|   | Qfd | Qfd | Fluvialite deposits<br>(conglomerates with im-<br>perfectly rounded pebbles,<br>gravel, and sand)  |
|   | Kc  | Kc  | Cintura formation<br>(alternating beds of dull-<br>red shale and heavy sand-<br>stone with occasional grits<br>and limestone lenses)   |
|   | Km  | Km  | Mural limestone<br>(thick-bedded, gray lime-<br>stone, locally shaly, with<br>thin-bedded, argillaceous<br>limestone, highly fossilif-<br>erous)   |
|   | Kmr | Kmr | Morita formation<br>(alternating beds of dull red<br>arenaceous shale and heavy<br>sandstone with occasional<br>grits and limestone lenses)  |
|   | Kg  | Kg  | Glance conglomerate<br>(basal conglomerate of<br>varying character; peb-<br>bles irregularly rounded<br>and shaly; matrix<br>and limestone roughly<br>bedded, and containing<br>some shale and sand-<br>stone) |
|   | Cn  | Cn  | Naco limestone<br>(thin-bedded to thick-bed-<br>ded, containing some heavy<br>sandstone, white, gray or pink,<br>sh. limestone with argillaceous<br>shale, fossils abundant)                                   |
|   | Ce  | Ce  | Escabrosa limestone<br>(thick-bedded, non-<br>massive, shaly limestone of granular<br>texture)   |
|   | Dm  | Dm  | Martin limestone<br>(dark gray, compact, non-<br>massive limestone in<br>beds of moderate thick-<br>ness; fossils abundant;<br>subordinate pink, calc-<br>areous shale)  |
|   | Ca  | Ca  | Ahrigo limestone<br>(thin-bedded, shaly, lime-<br>stone, impure limestone<br>with some calcareous shale,<br>locally dolomitic, sandy in<br>upper portion)  |
|   | Cb  | Cb  | Bolsa quartzite<br>(basal conglomerate,<br>thin-bedded, shaly, locally<br>arkose grits, and fine-<br>grained, argillaceous<br>quartzite)   |
|   | ps  | ps  | Pinal schist<br>(fine-grained, elastic<br>quartz, sericite schist,<br>probably metamor-<br>phosed sediments)   |
| <b>IGNEOUS ROCKS</b>  |     |     |  |
|   | gr  | gr  | Granite<br>(intrusive stock)   |
|   | gp  | gp  | Granite-<br>porphyry<br>(with some rhyolite in-<br>trusive masses, dikes,<br>and sills)  |
| <b>KNOWN FAULTS</b><br>(occasionally accompanied<br>by microbrecciation)  |     |     |  |
| <b>CONCEALED FAULTS</b><br>(covered by younger<br>deposits)   |     |     |  |
| <b>PROBABLE FAULTS</b>  |     |     |  |
| <p>  Strike and dip of stratified rocks<br/>  Strike of vertical beds<br/>  Horizontal beds<br/>  Dip of fault planes<br/>  Strike of vertical schists                 </p> |     |     |  |

E. M. Douglas, Geographer in charge.  
Triangulation and topography by T. M. Bannon.  
Surveyed in 1901-1902.

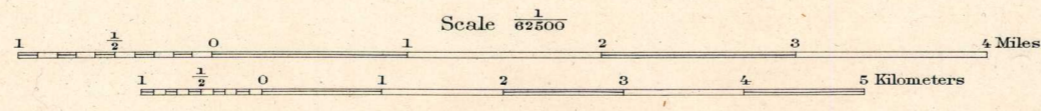
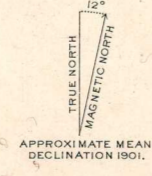


DIAGRAM OF TOWNSHIP

6	31	21
7	8	10
18	17	16
19	20	23
30	29	27
31	32	33

Geology by F. L. Ransome.  
Assisted by J. Morgan Clements  
and Alfred M. Rock.  
Surveyed in 1902.