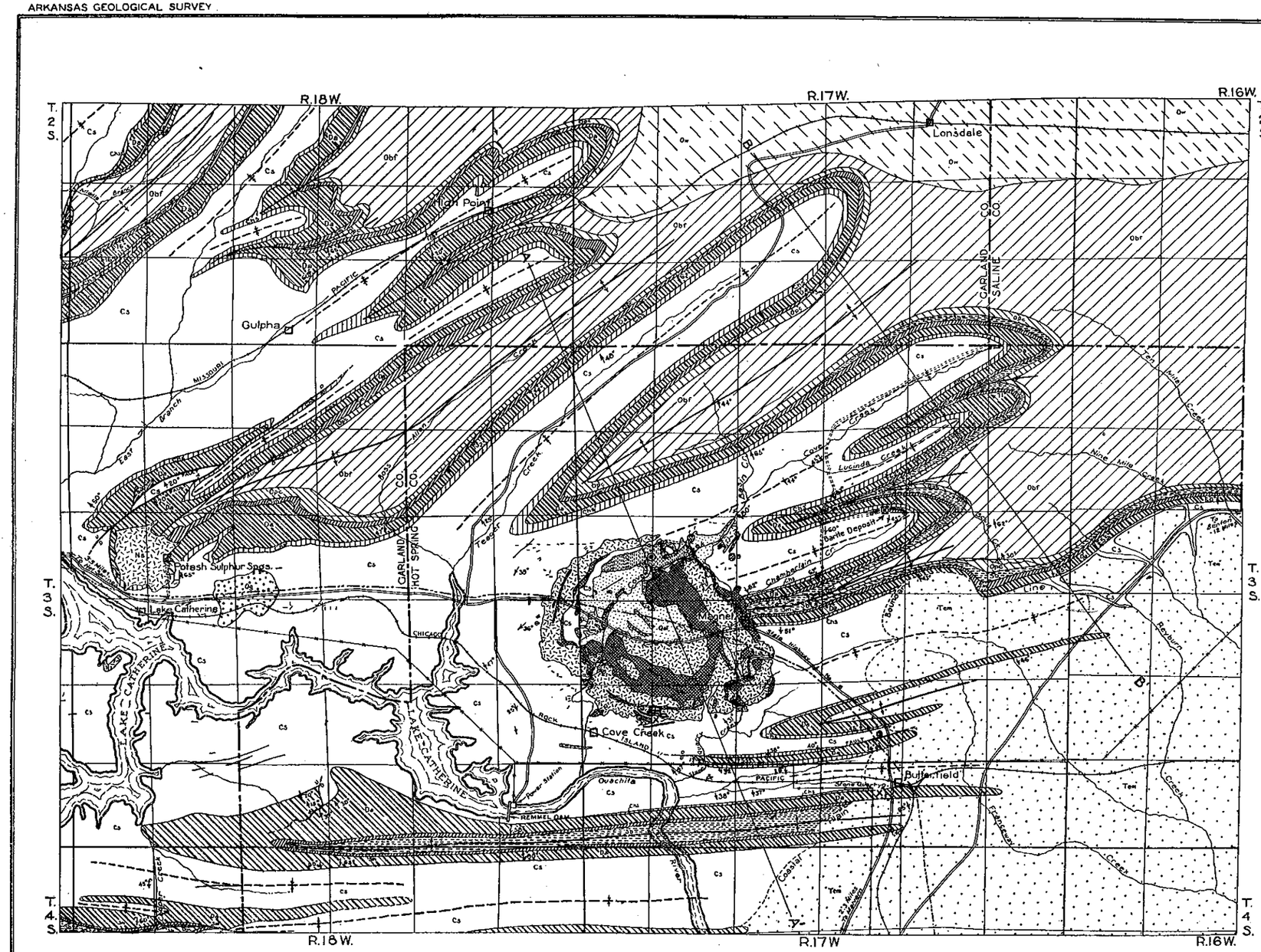


EXPLANATION

Sedimentary Rocks

Section Symbol	Areal Symbol		
	Qal	Recent Stream Wash *(Underlain in Part with Igneous and Metamorphic Rock)*	Quaternary
	Qg	Terrace Deposit *(Coarse Gravel and Sand)*	Quaternary
Tem	Tem	Midway Clay *(With Patches of Quaternary Gravel)*	Tertiary
Cs	Cs	Stanley Shale *(Clay Shale and Sandstone)* 300'+	Mississippian
Chs	Chs	Hot Springs Sandstone *(Hard Quartzitic Sandstone)* 50'	Mississippian
Dp	Dp	Arkansas Novaculite *(Massive Novaculite and Shale)* 300'-650' (Middle, Lower)	Devonian
Sm	Sm	Missouri Mountain Shale *(Slaty Shale)* 100'±	Silurian
Sb	Sb	Blaylock Sandstone *(Fine Grained Sandstone)* 0-200'±	Silurian
Opc	Opc	Polk Creek Shale *(Black Graphitic Shale)* 50'-100'±	Ordovician
Obf	Obf	Bigfork Chert *(Chert and Fine Grained Sandstone* 300'+	Ordovician
Ow	Ow	Womble Shale *(Clay Shale and Limestone)* 250'+	Ordovician

Metamorphic Rocks

		Metamorphic *(Shale, Sandstone and Novaculite)*	

Igneous Rocks

Ns	Ns	Igneous *(Mostly Intrusive Nephelite Syenite)* Dikes *(Syenite, Tinguaite and Monchiquite Dikes)*	Cretaceous

- Barite Deposit
- Shaft
- Rutile Bearing Soil
- Rutile Mill
- Tripoli Deposit
- Stone Quarry
- Natural Gas Pipe Line
- Power Line
- Fault
- 60° Dip and Strike Symbol
- Anticlinal Axes
- Synclinal Axes
- Improved and Unimproved Roads

MAP SHOWING

GEOLOGY OF A PORTION OF NORTHERN HOT SPRING COUNTY AND SOUTHERN GARLAND COUNTY ARKANSAS

Geology By Bryan Parks

And From Published Maps of U.S. Geological Survey and the Arkansas Geological Survey

Arkansas Geological Survey

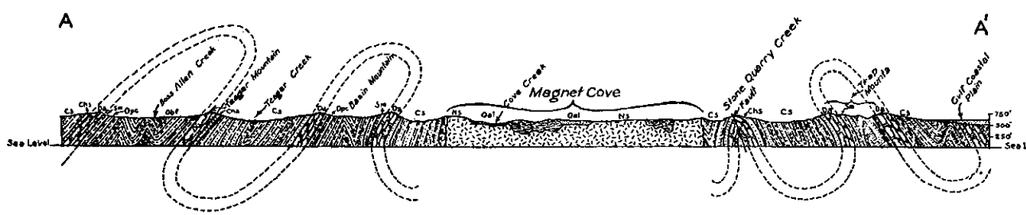
Drawn By Carl M. Blacklock

Scale

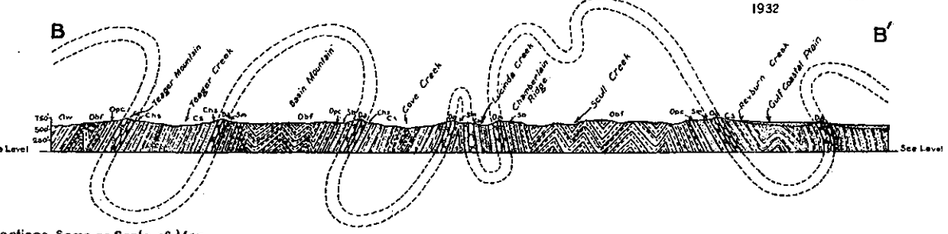
0 ¼ ½ 1 Miles

1932

SECTION ALONG LINE A-A′



SECTION ALONG LINE B-B′



Horizontal Scale of Sections, Same as Scale of Map