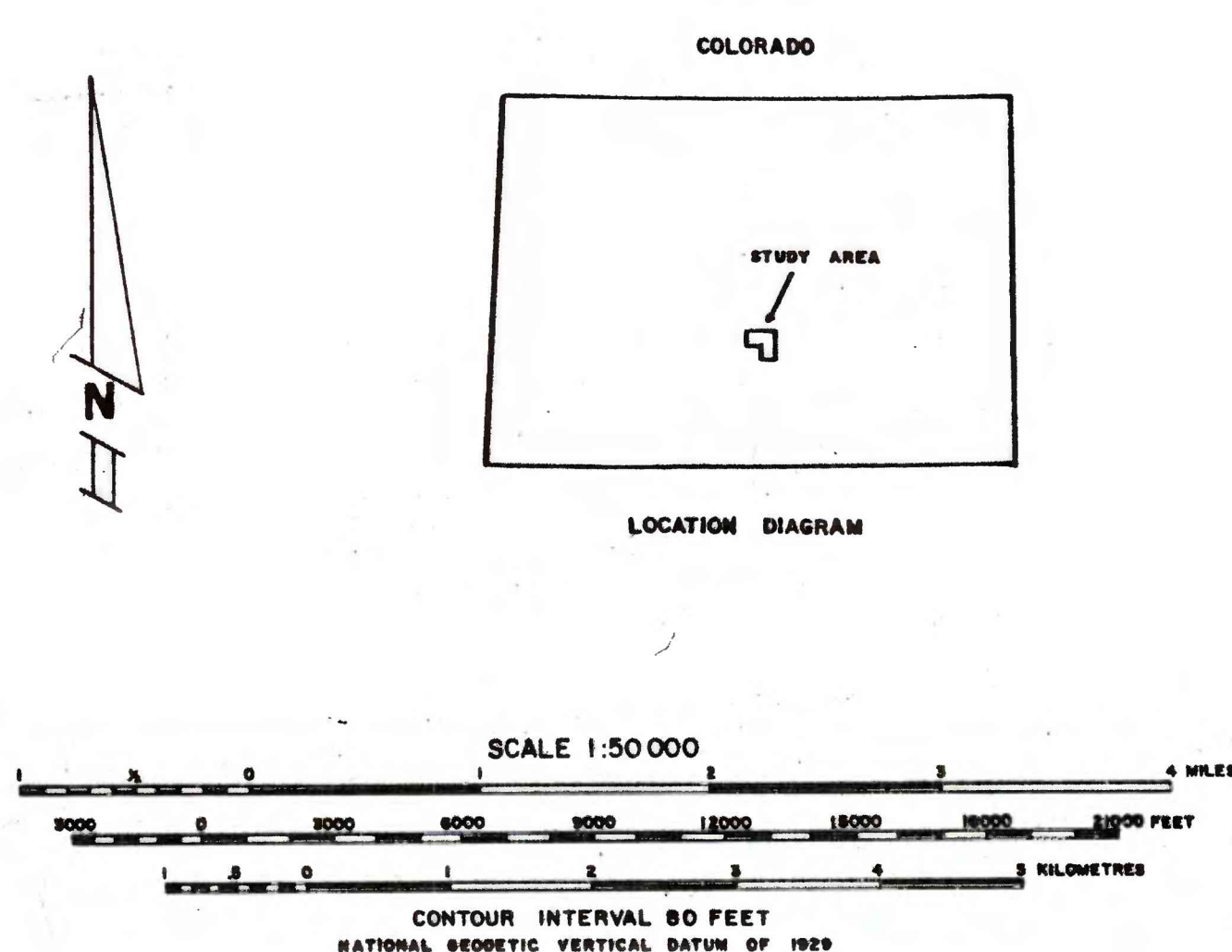
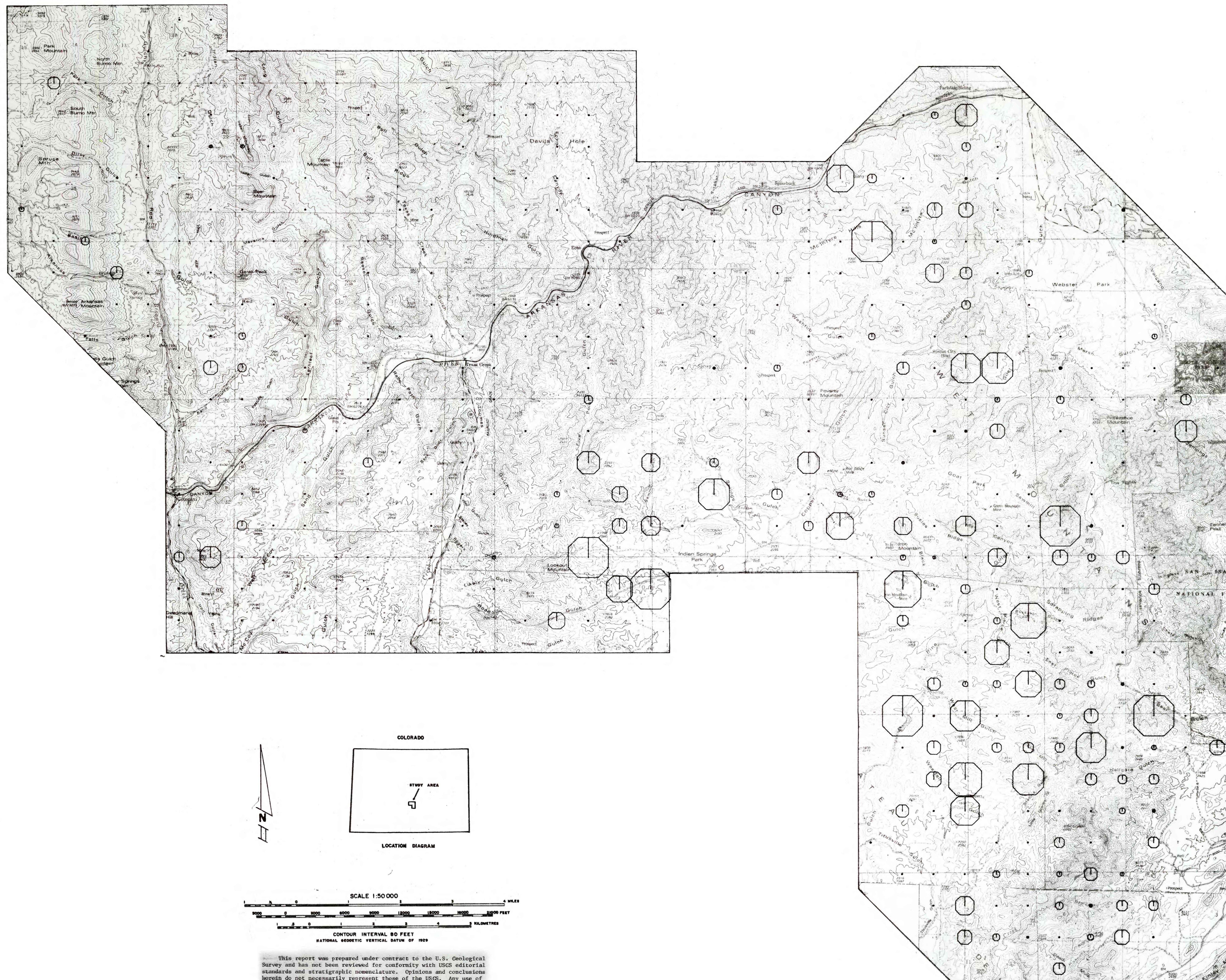


434000  
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OPEN-FILE REPORT 82-462

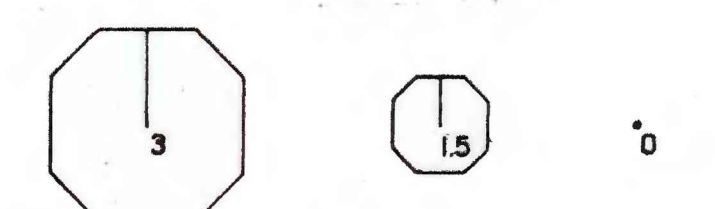
Plate B-1



This report was prepared under contract to the U.S. Geological Survey and has not been reviewed for conformity with USGS editorial standards and stratigraphic nomenclature. Opinions and conclusions herein do not necessarily represent those of the USGS. Any use of trade names is for descriptive purposes only and does not imply endorsement by the USGS.

FACTOR LOADINGS OF  
GEOCHEMICAL PARAMETERS

| FACTOR 1                       |        |
|--------------------------------|--------|
| Fe <sub>2</sub> O <sub>3</sub> | (.95)  |
| TiO <sub>2</sub>               | (.94)  |
| V                              | (.86)  |
| Co                             | (.75)  |
| P <sub>2</sub> O <sub>5</sub>  | (.67)  |
| MnO                            | (.55)  |
| Ni                             | (.35)  |
| MgO                            | (.33)  |
| Cr                             | (.32)  |
| Zn                             | (.25)  |
| CaO                            | (.21)  |
| Sr                             | (.19)  |
| Th                             | (.16)  |
| Mo                             | (.12)  |
| Cu                             | (.12)  |
| Ag                             | (.09)  |
| SiO <sub>2</sub>               | (.03)  |
| Cd                             | (.03)  |
| Zr                             | (.03)  |
| Ba                             | (-.04) |
| Be                             | (-.09) |
| Na <sub>2</sub> O              | (-.16) |
| Pb                             | (-.16) |
| Al <sub>2</sub> O <sub>3</sub> | (-.26) |
| U                              | (-.28) |
| K <sub>2</sub> O               | (-.47) |



SYMBOL DIAMETER PROPORTIONAL TO STANDARD NORMALIZED  
FACTOR SCORES FOR EACH GRID CELL.  
MAXIMUM SYMBOL SIZE REPRESENTS +3 STANDARD DEVIATIONS  
ALL NEGATIVE FACTOR SCORES ARE SHOWN AS SMALL DOTS



SYMBOL MAP FOR  
**FACTOR ONE**  
ARKANSAS CANYON PLANNING UNIT  
DATA FOR:  
BUR. OF LAND MANAGEMENT  
COMPLETED: JANUARY, 1981  
MAP SCALE=1:50,000  
PROJECT 197.50  
SERVICES FOR THE EARTH SCIENCES

434000  
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