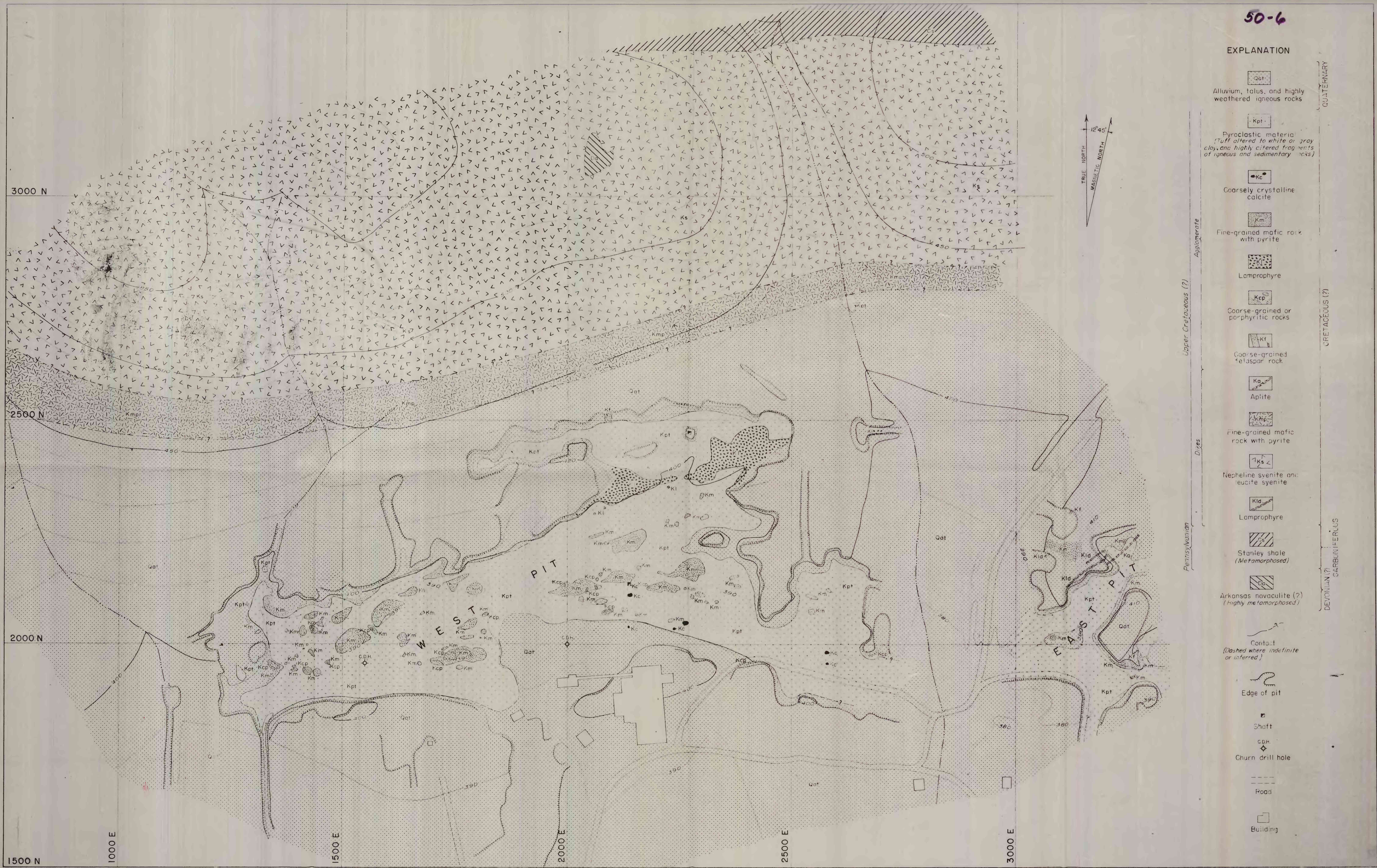
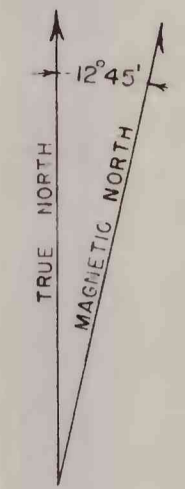


50-6

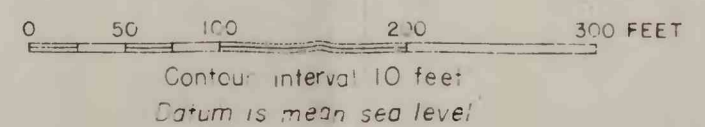


EXPLANATION

- | | | |
|-----------------------------|---|-----------------------------------|
| <p>QUATERNARY</p> | <p>Qat Alluvium, talus, and highly weathered igneous rocks</p> | <p>CRETACEOUS (?)</p> |
| | <p>Kpt Pyroclastic material (tuff altered to white or gray clay, and highly altered fragments of igneous and sedimentary rocks)</p> | |
| | <p>Kc Coarsely crystalline calcite</p> | |
| <p>Upper Cretaceous (?)</p> | <p>Km Fine-grained mafic rock with pyrite</p> | |
| | <p>Kcp Lamprophyre</p> | |
| | <p>Kcp Coarse-grained or porphyritic rocks</p> | |
| | <p>Kk Coarse-grained felspar rock</p> | |
| | <p>Ka Aplite</p> | |
| | <p>Kk Fine-grained mafic rock with pyrite</p> | |
| | <p>Ks Nepheline syenite and ecuite syenite</p> | |
| | <p>Kd Lamprophyre</p> | |
| <p>Devonian (?)</p> | <p>Kd Stanley shale (Metamorphosed)</p> | <p>DEVONIAN (?) CARBONIFEROUS</p> |
| | <p>Kd Arkansas novaculite (?) (Highly metamorphosed)</p> | |
| | <p>Contact (Dashed where indefinite or inferred)</p> | |
| | <p>Edge of pit</p> | |
| | <p>Shaft</p> | |
| | <p>CDH Churn drill hole</p> | |
| | <p>Fold</p> | |
| | <p>Building</p> | |



GEOLOGIC MAP OF THE MAGNET COVE RUTILE COMPANY MINE
SECTION 18, T. 3 N., R. 17 W., HOT SPRING COUNTY, ARKANSAS



Geology and topography
by Douglas W. Kinney
November 1944