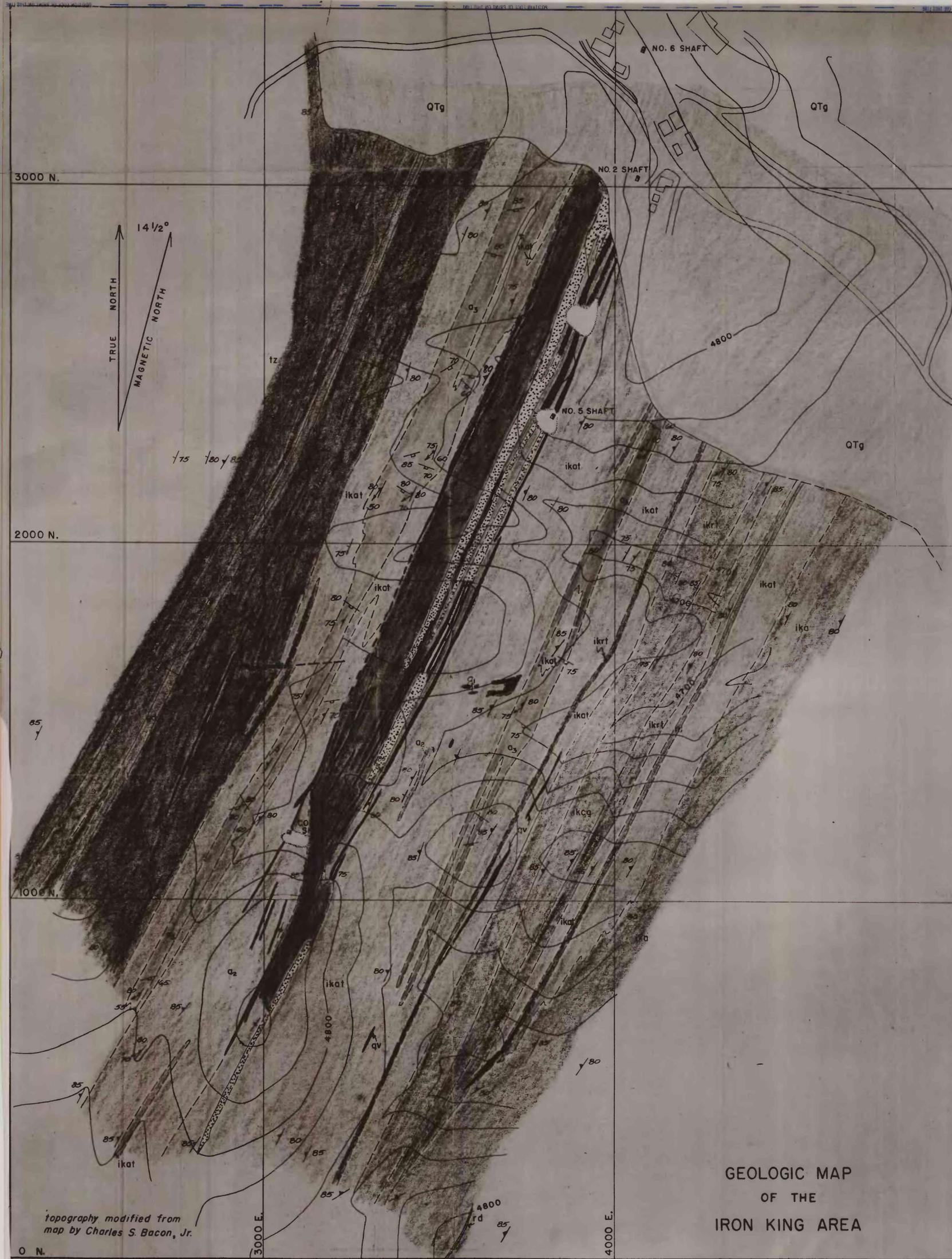
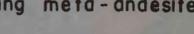
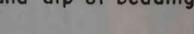
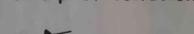
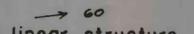
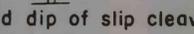
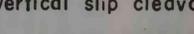


51-43



GEOLOGIC MAP
OF THE
IRON KING AREA

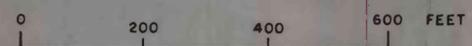
EXPLANATION

-  **Gravels**
-  **Rhyolite dike**
-  **Foliated granodiorite dike**
-  **Transition zone between foliated meta-andesite tuff and Spud Mountain metabreccia. Interbedded fine-to medium-grained meta-andesite tuff, crystal tuff, and volcanic metabreccia; volcanic metabreccia bed, Smb.**
-  **Fine-to medium-grained foliated meta-andesite tuff; locally phyllitic**
-  **Metarhyolite tuff, ikrt, metarhyolite conglomerate, kcg**
-  **Amygdaloidal meta-andesite flow**
-  **Iron King meta-andesites**
-  **Strike and dip of bedding**
-  **Strike and dip of foliation**
-  **Strike of vertical foliation**
-  **Plunge of linear structure**
-  **Strike and dip of slip cleavage**
-  **Strike of vertical slip cleavage**
- ORE DEPOSIT AND ALTERATION**
-  **Quartz or jasper vein**
-  **Vein**
Contains gossan after sulfide minerals
-  **Zone of veins**
Consists of two or more veins separated by altered meta-andesite tuff. Veins contain gossan after sulfide minerals.
-  **Most intense hydrothermal alteration. Introduced quartz, pyrite, ankerite, and sericite**
-  **Moderately intense hydrothermal alteration. Introduced quartz, pyrite, ankerite, and sericite**
-  **Least intense hydrothermal alteration. Introduced sericite most pronounced; some introduced quartz and ankerite**
- Hydrothermally altered rocks**

QUATERNARY AND
QUATERNARY (?) OR
TERTIARY (?)
AGE UNKNOWN

PRE-CAMBRIAN

-  **Fault**
-  **Open cut**
-  **Shaft**
-  **Building**
-  **Contact**
(Dashed where approximately located)



contour interval 20 feet
Datum is mean sea level

topography modified from
map by Charles S. Bacon, Jr.