EXPLANATION
SHEET 2

Recent
Pleistocene
QUATERNARY

Qal
Alluvium

Qt
Terrace gravels

Qf
Alluvial fans

Upper Cretaceous
CRETACEOUS

D
Dikes
Includes rhyolite, rhyolite porphyry, altered rhyolite, and fresh and altered dark dikes

Km
Mafic intrusive
Dark-colored augite-bearing intrusive with xenoliths of limestone and dolomite

Olsh
Limestone and shale
Medium-bedded, medium-gray to dark-gray limestone and dolomitized limestone which weathers dark brown, and minor dark shale and gray-black crystalline limestone

Osh
Shale
Black shale and minor black, crystalline limestone; gives rise to black soil

Lower Ordovician
ORDOVICIAN

Olm
Limestone and argillaceous limestone
At top consists of medium to thick-bedded light-gray limestone that weathers bluish gray; grades downward into massive micritic medium-gray to light-gray limestone with interbedded argillaceous limestone

Ola
Old
Limestone and argillaceous limestone
Interbedded medium- to thick-bedded medium-gray limestone, locally contains chert, and thin-bedded argillaceous limestone that weathers limonitic yellow
Old, dolomitized equivalent along fault

Oal
Argillaceous limestone
Thin bedded argillaceous limestone that weathers limonitic

Fluorite-beryllium rock and sulfides
At surface denotes float which is very noticeable where dotted (dot spacing denotes relative amount); plusses denote sulfide minerals. In drill holes, denotes mineral in place

Hydrothermal silica
Includes gray chalcedonic silica west of Lost River, and rusty, siliceous boulders of unknown origin east of Tozer prospect; generally lies on periphery of fluorite-beryllium lodes

Contact
Dashed where gradational or approximately located; dotted where concealed completely; queried where probable

Tundra limit
Marks upper limit of tundra sufficiently thick to prevent precise geologic observations

Fault, showing dip
U, upthrown side; D, downthrown side. Dashed where approximately located; dotted where concealed; queried where probable. Teeth denotes part of a fault that is dipping very shallowly

Thrust fault, showing dip
Sawteeth on upper plate. Dashed where approximately located; dotted where concealed

70
Strike and dip of beds
Dip symbol in alluvium, fans, or terrace gravels signifies small outcrop of bedrock

Strike of beds and direction of dip

Strike and dip direction of crenulated beds

General direction of plunge of dragfolds

Prospect trench

Adit
Caved at portal

⊙116
Diamond drill hole
Shows location of collar and Bureau of Mines number on plan, profile on cross-section

⊡ 865 14W
Stake
Shows location and number assigned by U. S. Steel Corporation

△
Triangulation station
Location of triangulation station placed in 1964 by the U. S. Geological Survey

500
Contour line
Dashed where approximately located

Stream bed
Minor streams only

Road

140 42
900 700
Soil Sample
Showing metal content in parts per million. Clockwise from upper left, elements reported are Be, Cu, Pb, Zn