U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

MISCELLANEOUS FIELD STUDIES MAP MF–2327–C
(Sheet 3 of 5)
Pamphlet accompanies map

MAPS SHOWING THE DISTRIBUTION AND ABUNDANCE OF IRON, TITANIUM, VANADIUM, AND COBALT IN ROCK SAMPLES FROM PART OF THE SOUTHERN TOQUIMA RANGE AND ADJACENT AREAS, NYE COUNTY, NEVADA

By
Daniel R. Shawe and J.D. Hoffman
2003

Rock sampling 1967-1993
Exploration geochemical data from
Baedecker (1998)
Geology digitized by True North Mapping
Additional digitizing by CartoGraphic Solutions
Any use of trade names in this publication is for
descriptive purposes only and does not imply
endorsement by the U.S. Geological Survey

This map was produced on request, directly from
digital files, on an electronic plotter

For sale by U.S. Geological Survey Information Services
Box 25286, Federal Center, Denver, CO 80225
1-888-ASK-USGS

This map is also available as a PDF file
at http://pubs.usgs.gov/mf/2003/mf-2327-c

Map K. Iron

EXPLANATION FOR MAP KOutlines are arbitrary and are intended only to emphasize localized distributions of anomalous concentrations. Outlines for specific concentrations may include samples with lower concentrations.
Outline of areas with predominantly samples
Outline of areas with predominantly
and (or) samples
N—Not detected
L—Less than the lower limit of determination
Fe in rock samples, percent
N,L-2.5

2.6-5.0
5.1-8.8
10.0-23.0

Map L. Titanium

EXPLANATION FOR MAP L
Outline of areas with predominantly
and (or) samples
Outlines are arbitrary and are intended only to emphasize
localized distributions of anomalous concentrations. Outlines for
specific concentrations may include samples with lower concentrations.
Outline of areas with predominantly samples
Outline of areas with predominantly
and (or) samples
N—Not detected
L—Less than the lower limit of determination
Ti in rock samples, percent
N,L-0.15
0.16-0.30
0.31-0.92
1.00-3.00

Map M. Vanadium

EXPLANATION FOR MAP M
Outlines are arbitrary and are intended only to emphasize
localized distributions of anomalous concentrations. Outlines for
specific concentrations may include samples with lower concentrations.
Outline of areas with predominantly samples
Outline of areas with predominantly and (or) samples
N—Not detected
L—Less than the lower limit of determination
V in rock samples, ppm
N,L-70
78-130
150-200
210-2,000

Map N. Cobalt

EXPLANATION FOR MAP N
Outlines are arbitrary and are intended only to emphasize
localized distributions of anomalous concentrations. Outlines for
specific concentrations may include samples with lower concentrations.
Outline of areas with predominantly samples

Outline of areas with predominantly and (or) samples
N—Not detected
L—Less than the lower limit of determination
Co in rock samples, ppm
N,L-2.0
2.1-10
11-30
36-700

EXPLANATION
Mine shaft
Mine
Adit
Prospect (pit or small open cut)
Mined area
Fault—Dotted where concealed
Contact
Paleozoic sedimentary rocks
Cretaceous granitic rocks
Tertiary stocks
Tertiary volcanic rocks
Quaternary alluvium