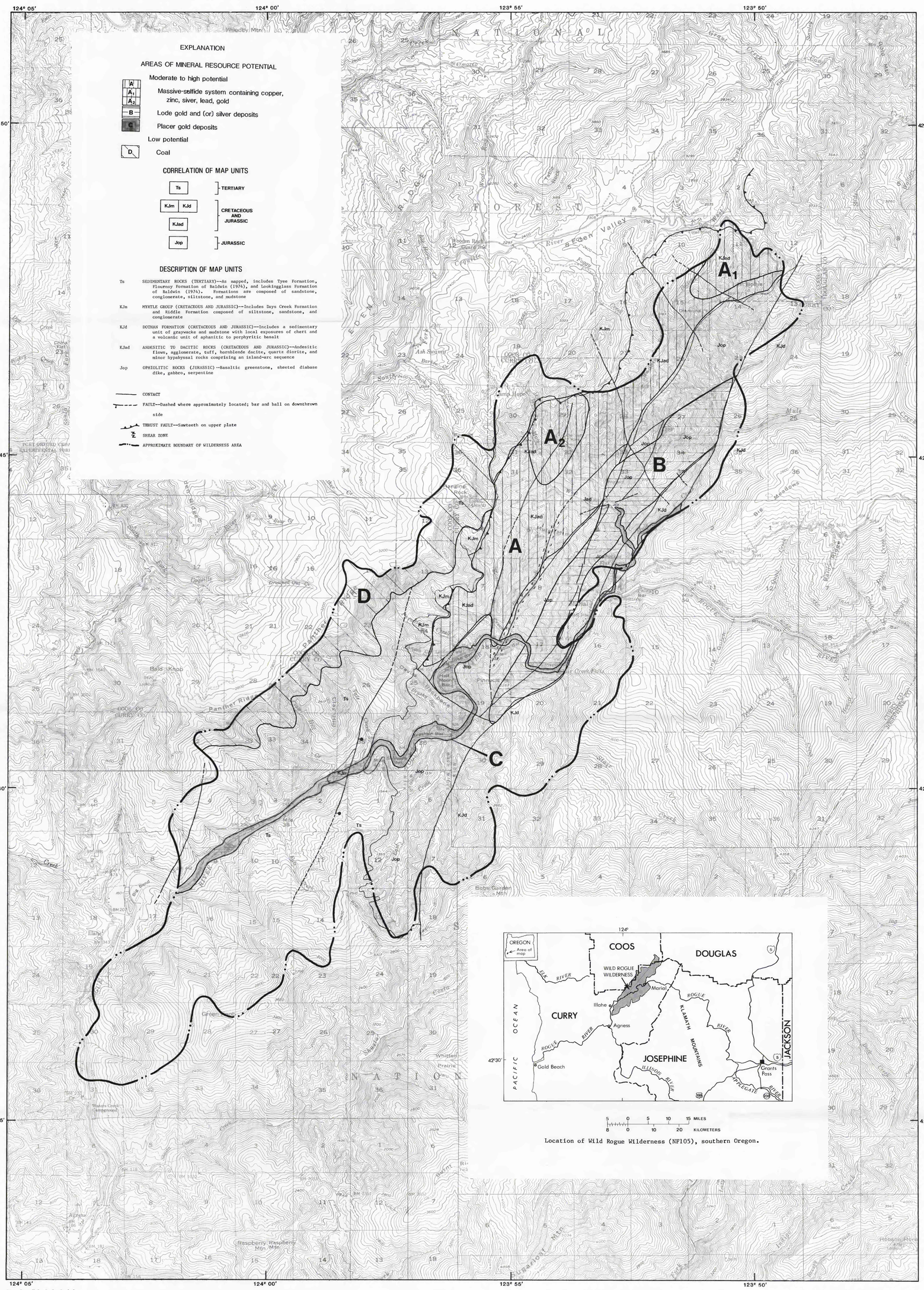
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

MISCELLANEOUS FIELD STUDIES
MAP MF-1381-D


124° 05'
124° 00'
123° 55'
123° 50'
42° 50'
42° 45'
42° 40'
42° 35'
EXPLANATION
AREAS OF MINERAL RESOURCE POTENTIAL
Moderate to high potential
A A1 A2 Massive-sulfide system containing copper, zinc, siver, lead, gold
B Lode gold and (or) silver deposits
C Placer gold deposits
Low potential
D Coal
CORRELATION OF MAP UNITS
Ts TERTIARY
KJm KJd KJad CRETACEOUS AND JURASSIC
Jop JURASSIC
DESCRIPTION OF MAP UNITS
Ts SEDIMENTARY ROCKS (TERTIARY)--As mapped, includes Tyee Formation, Flournoy Formation of Baldwin (1974), and Lookingglass Formation of Baldwin (1974). Formations are composed of sandstone, conglomerate, siltstone, and mudstone
KJm MYRTLE GROUP (CRETACEOUS AND JURASSIC)--Includes Days Creek Formation and Riddle Formation composed of siltstone, sandstone, and conglomerate
KJd DOTHAN FORMATION (CRETACEOUS AND JURASSIC)--Includes a sedimentary unit of graywacke and mudstone with local exposures of chert and a volcanic unit of aphanitic to porphyritic basalt
KJad ANDESITIC TO DACITIC ROCKS (CRETACEOUS AND JURASSIC)--Andesitic flows, agglomerate, tuff, hornblende dacite, quartz diorite, and minor hypabyssal rocks comprising an island-arc sequence
Jop OPHIOLITIC ROCKS (JURASSIC)--Basaltic greenstone, sheeted diabase dike, gabbro, serpentine
CONTACT
FAULT--Dashed where approximately located; bar and ball on downthrown side
THRUST FAULT--Sawteeth on upper plate
SHEAR ZONE
APPROXIMATE BOUNDARY OF WILDERNESS AREA
A1
A2
B
C
D
Ts
KJm
KJd
KJad
Jop
Rogue River
Illinois River
Bald Knob
Panther Ridge
Hanging Rock
Raspberry Mtn
Sugarloaf Mtn
Big Meadows
Bobs Garden Mtn
Brandy Peak
Gold Beach
Agness
Illahe
Powers
Myrtle Creek
Coquille
Coos Bay
Bandon
Port Orford
Gold Beach
Grants Pass
Medford
Ashland
Yreka
Crescent City
Klamath Falls
Roseburg
Reedsport
Florence
Eugene
Cottage Grove
Oakridge
Diamond Lake
Crater Lake
Mt Shasta
Redding
Weed
Alturas
Susanville
Lakeview
Burns
Bend
Madras
Prineville
Klamath Falls