King Range National Conservation Area

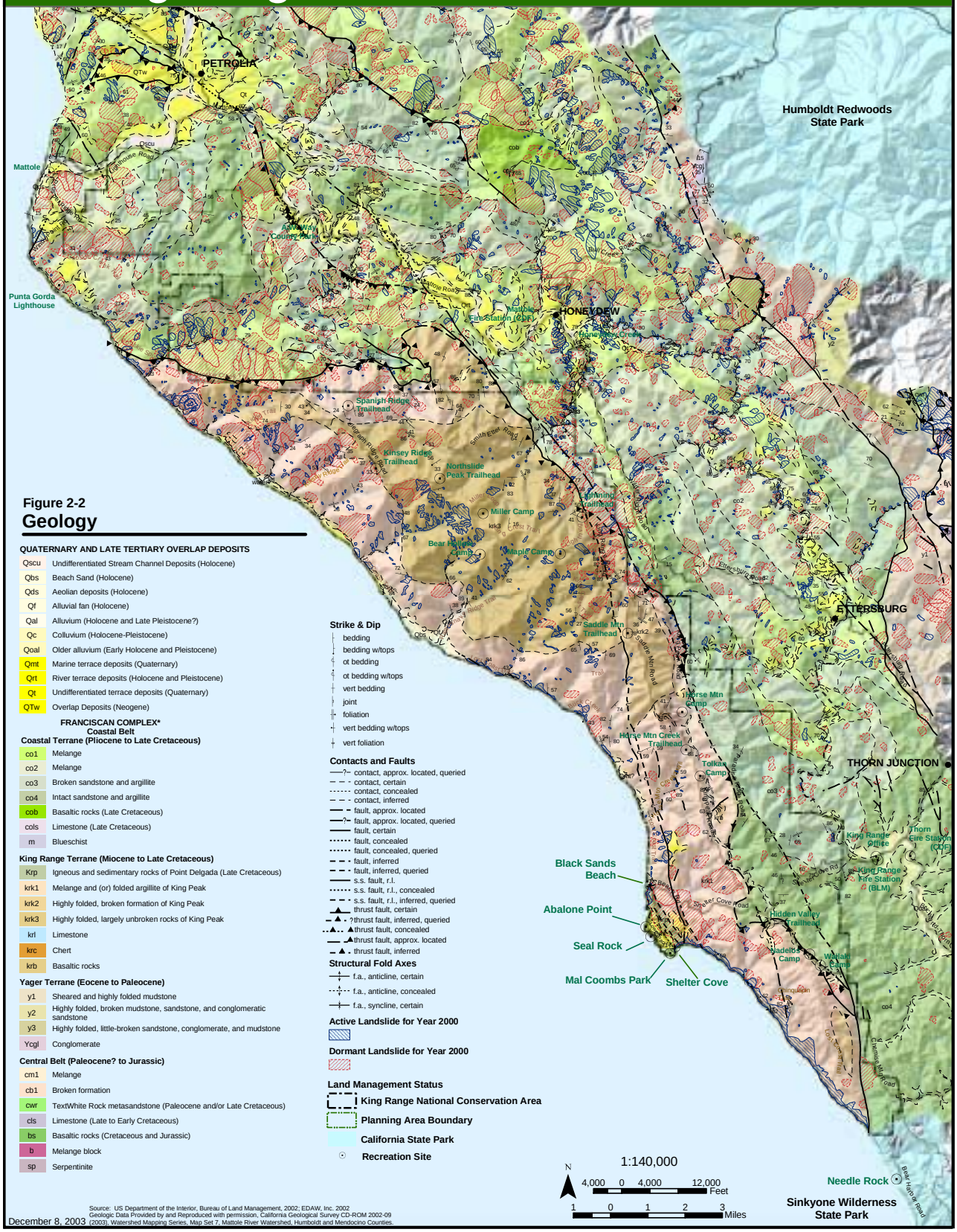

Figure 2-2
Geology

QUATERNARY AND LATE TERTIARY OVERLAP DEPOSITS

Qscu	Undifferentiated Stream Channel Deposits (Holocene)
Qbs	Beach Sand (Holocene)
Qds	Aeolian deposits (Holocene)
Qf	Alluvial fan (Holocene)
Qal	Alluvium (Holocene and Late Pleistocene?)
Qc	Colluvium (Holocene-Pleistocene)
Qoal	Older alluvium (Early Holocene and Pleistocene)
Qmt	Marine terrace deposits (Quaternary)
Qrt	River terrace deposits (Holocene and Pleistocene)
Qt	Undifferentiated terrace deposits (Quaternary)
QTw	Overlap Deposits (Neogene)

FRANCISCAN COMPLEX*
Coastal Belt
Coastal Terrane (Pliocene to Late Cretaceous)

co1	Melange
co2	Melange
co3	Broken sandstone and argillite
co4	Intact sandstone and argillite
cob	Basaltic rocks (Late Cretaceous)
cols	Limestone (Late Cretaceous)
m	Blueschist

King Range Terrane (Miocene to Late Cretaceous)

Krp	Igneous and sedimentary rocks of Point Delgada (Late Cretaceous)
krk1	Melange and (or) folded argillite of King Peak
krk2	Highly folded, broken formation of King Peak
krk3	Highly folded, largely unbroken rocks of King Peak
krl	Limestone
krc	Chert
krb	Basaltic rocks

Yager Terrane (Eocene to Paleocene)

y1	Sheared and highly folded mudstone
y2	Highly folded, broken mudstone, sandstone, and conglomeratic sandstone
y3	Highly folded, little-broken sandstone, conglomerate, and mudstone
Ycgl	Conglomerate

Central Belt (Paleocene? to Jurassic)

cm1	Melange
cb1	Broken formation
cwr	TextWhite Rock metasandstone (Paleocene and/or Late Cretaceous)
cls	Limestone (Late to Early Cretaceous)
bs	Basaltic rocks (Cretaceous and Jurassic)
b	Melange block
sp	Serpentinite

Strike & Dip

- bedding
- bedding w/tops
- ot bedding
- ot bedding w/tops
- vert bedding
- joint
- foliation
- vert bedding w/tops
- vert foliation

Contacts and Faults

- contact, approx. located, queried
- contact, certain
- contact, concealed
- contact, inferred
- fault, approx. located
- fault, approx. located, queried
- fault, certain
- fault, concealed
- fault, concealed, queried
- fault, inferred
- fault, inferred, queried
- s.s. fault, r.l.
- s.s. fault, r.l., concealed
- s.s. fault, r.l., inferred, queried
- thrust fault, certain
- ?thrust fault, inferred, queried
- thrust fault, concealed
- thrust fault, approx. located
- thrust fault, inferred

Structural Fold Axes

- f.a., anticline, certain
- f.a., anticline, concealed
- f.a., syncline, certain

Active Landslide for Year 2000

Dormant Landslide for Year 2000

Land Management Status

- King Range National Conservation Area
- Planning Area Boundary
- California State Park
- Recreation Site

Source: US Department of the Interior, Bureau of Land Management, 2002; EDAW, Inc. 2002
Geologic Data Provided by and Reproduced with permission, California Geological Survey CD-ROM 2002-09 (2003), Watershed Mapping Series, Map Set 7, Mattole River Watershed, Humboldt and Mendocino Counties.

December 8, 2003