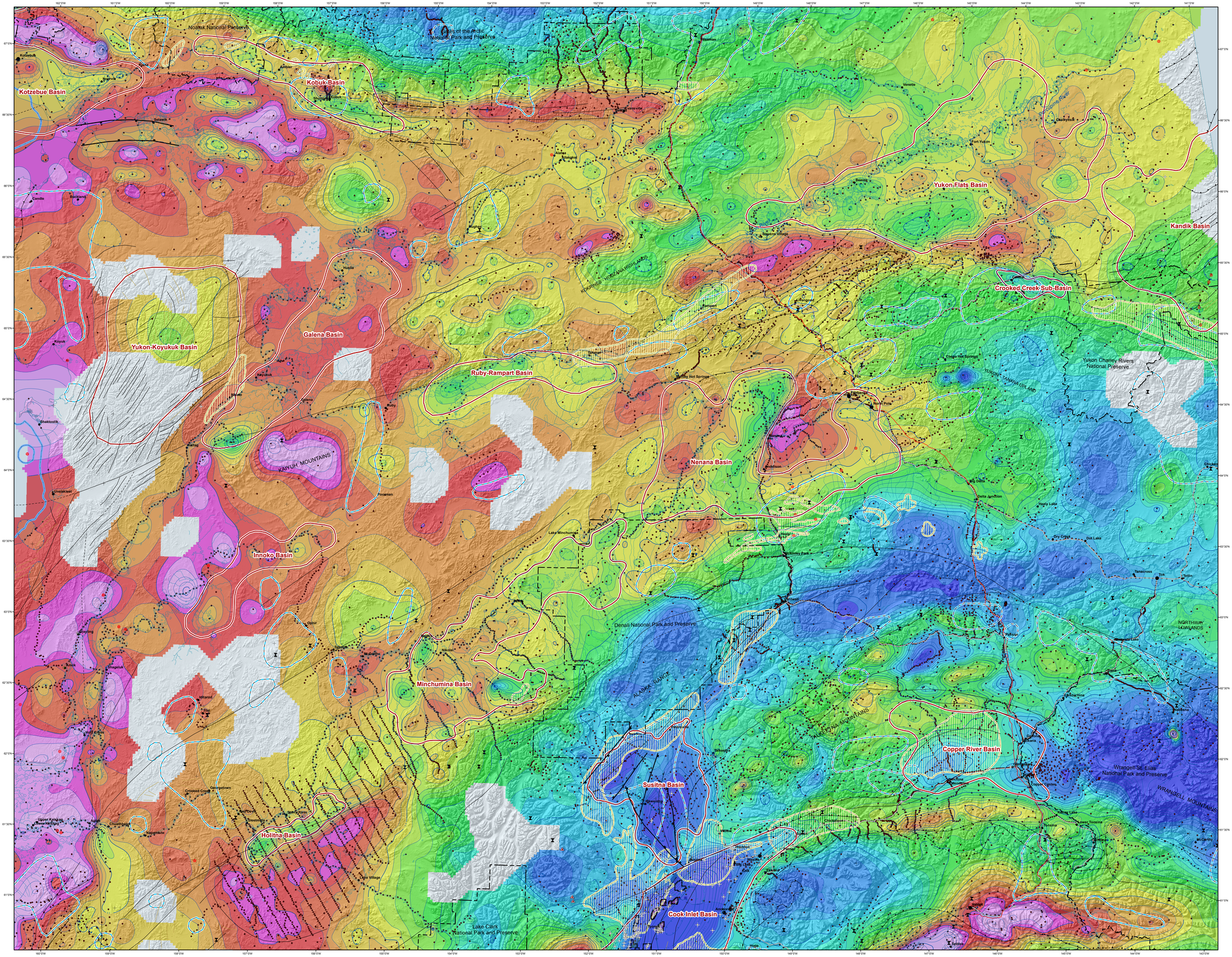

Data Sources

Basemap data including hydrologic data, village and town locations, glaciers and icefields, volcanoes, roads and boundaries are from the State of Alaska, Core GIS database. The oil and gas wells are from the Alaska Division of Oil and Gas database adapted from the Alaska Oil and Gas Conservation Commission dataset. The sedimentary basins, faults and folds are from Kirschner, C.E., 1988, the coal field boundaries are from Merritt, R.D. and Hawley, C.C., 1986, the placer deposits are from Nockleberg, W.J., et.al.,1987, and the gravity anomalies are from the Alaska Division of Oil and Gas Gravity Database.

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Kirschner, C.E., 1988, Map showing sedimentary basins of onshore and continental shelf areas, Alaska, US Geological Survey, Miscellaneous Investigations Series I -1873, scale 1:2,500,000.

Merritt, R.D., and Hawley, C.C., 1986, Map of Alaska's coal resources: Alaska Division of Geological & Geophysical Surveys Special Report 37, 1 sheet, scale 1:2,500,000.

Nockleberg, W.J., Bundtzen, T.K. Berg, H.C., Brew, D.A., Grybeck, D., Robinson, M.S., Smith, T.E., and Yeend, W., 1987, Significant metalliferous lode deposits and placer districts of Alaska: U.S. Geological Survey Bulletin 1786, 104 p.

Exploration Wells

- Drill Hole
- Oil Well
- Gas Well
- Service Well (Un-differentiated)
- Suspended
- Suspended - Oil Show
- Plugged & Abandoned
- Plugged & Abandoned - Oil Show
- Plugged & Abandoned - Gas Show
- Plugged & Abandoned - Oil and Gas Show
- Plugged & Abandoned - Oil (Certified or Significant)
- Shut-in Location
- Operational Shutdown
- Permitted Location

Location Map

Scale: 1:1,000,000

0 10 20 40 60 80 Miles
0 10 20 40 60 80 100 Kilometers

Contour Interval: 5 mGal (milligals)

Universal Transverse Mercator 5N
Clark 1866 Ellipsoid
False Easting: 500,000.0
Central Meridian: -153.000000

North American Datum 1927
Scale Factor: 0.9996
False Northing: 0.0
Latitude of Origin: 0.0

Complete Bouguer Gravity Map of Interior Alaska

Compiled by
John F. Meyer Jr.
January 2008

Map Legend

- Volcanoes
- Metalliferous Lode Deposits
- Gas Seep
- Oil Seep
- Oil Bearing Outcrop
- Fold
- Fault
- Normal Fault
- Fault - Inferred
- Thrust Fault
- Thrust Fault - Inferred
- Syncline
- Synclinorium
- Syncline - Inferred
- Anticline
- Anticlinorium
- Anticline - Inferred
- Federal Parks
- Unit Boundaries
- Placer Deposits
- Coalfields
- Gas Accumulation
- Oil Accumulation
- Basin Depocenters
- Trans Alaska Pipeline
- Major Roads
- 3 Mile Limit
- Population < 1000
- Population > 1000

-105 -90 -85 -80 -75 -70 -65 -60 -55 -50 -45 -40 -35 -30 -25 -20 -15 -10 -5 0 5 10

Complete Bouguer Anomaly (milligals)

Disclaimer

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