



**Data Sources**

Base map 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 abstracted from the Alaska Oil and Gas Conservation Commission database. The basin depocenters are from the Alaska Division of Oil and Gas. The secondary basins, faults and folds are from Kirschner, C.E., 1988, the coal field boundaries are from Merrit, R.D. and Hawley, C.C., 1987, the placer deposits are from Kockenberg, W.J., et al., 1987, and the gravity anomalies are from the Alaska Division of Oil and Gas Gravity Database.

**References Cited**

Kirschner, C.E., 1988, Map showing sedimentary basins of onshore and continental shelf areas, Alaska, US Geological Survey, Miscellaneous Investigations Series I-1473, scale 1:2,500,000.  
Merrit, R.D. and Hawley, C.C., 1987, Map of Alaska coal resources, Alaska Division of Geological and Geophysical Surveys, Special Report 37, 1 sheet, scale 1:2,500,000.  
Kockenberg, W.J., Burdett, T.K., Berg, H.C., Brew, D.A., Gryzbek, D., Roberts, M.S., Smith, T.E. and Yarnel, W., 1987, Significant metalliferous lode deposits and placer districts of Alaska, U.S. Geological Survey Bulletin 1796, 194 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: 1:250,000**

Contour Interval: 2 mgal (milligals)

Universal Transverse Mercator 50N  
Zone 18S Easting  
False Easting: 500,000.0  
Central Meridian: -153.000000

North American Datum 1983  
Scale Factor: 0.9996  
False Northing: 0.0  
Latitude of Origin: 0.0

**Map Legend**

- Gravity Station Location
- ▲ Volcanoes
- ⊗ Metalliferous Lode Deposits
- Gas Seep
- Oil Seep
- Oil Bearing Outcrop
- Fold
- Fault
- Normal Fault
- Fault - Inferred
- Thrust Fault
- Thrust Fault - Inferred
- Syncline
- Synclinorium
- Anticline - Inferred
- Anticline
- Anticlinorium
- Anticline - Inferred
- Basin Depocenters
- Trans-Alaska Pipeline
- Roads
- ▭ Federal Parks
- ▭ Placer Deposits
- ▭ Coalfields
- Population < 1000
- Population > 1000

**Disclaimer**

This map was created, edited, and published by the State of Alaska, Department of Natural Resources, Division of Oil and Gas, and is for informational purposes only. Discrepancies between structural features and basin outlines are the result of merging multiple data sets from a number of different sources. An attempt has been made to reconcile discrepancies among conflicting sources of map data. In this compilation, the user is cautioned against using the product as the basis for detailed interpretations.

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**Complete Bouguer Gravity Map of the Nenana Basin, Alaska**

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