

## Chapter VR

### THERMAL MATURITY

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## **DIGITAL DATA**

Associated with this chapter VR are digital (spreadsheet) files located on this cdrom in a data appendix. All four tables, **VR1 through VR4**, are duplicated as spreadsheet files in the data appendix.

## ABSTRACT

The thermal maturity of rocks in and adjacent to the northern ANWR was investigated using vitrinite reflectance data from well and surface samples. Analyses from about 1200 surface and shot-hole samples were used to produce a thermal maturity contour map which shows that thermal maturity of rocks at the surface increases southward across the 1002-area and into the Brooks Range. Reflectance isograds have an easterly trend, similar to that of the mountain front. Reflectance values range from less than 0.4-percent  $R_o$  in the northern half of the 1002 area to as much as 2.0-percent  $R_o$  in the south. The zone of oil generation (0.6- to 1.3-percent  $R_o$ ) occurs in a band three- to six-miles wide across the southern part of the 1002 area. This part of the 1002 area and southward are considered prospective mostly for gas. The southward increase in maturity is interpreted to reflect burial-heating and subsequent uplift and erosion. Timing of structural deformation is inferred to have occurred after maximum heating.

Vitrinite reflectance analyses from more than 800 samples in 23 wells show that estimates of depth to the top of the oil window (0.6-percent  $R_o$ ) should be reasonably predicted in most of the 1002 area by the equation

$$\text{Depth (ft)} = \log(0.6/a)/b$$

where  $a$  is the surface  $R_o$  value and  $b$ , the regional thermal maturity coefficient, is  $2.7 \times 10^{-5} \text{ ft}^{-1}$ . Within the oil window and below, the gradient may increase. Depending on the nature of the increase, the depth-range of the oil-generative section could vary from as much as 12,000 ft with little or no change in gradient to a little as 4,000 ft with a significant gradient change. In other words, if the change in gradient is not recognized, the depth range of oil generation could be overestimated by as much as a factor of three. The reason for the gradient change is not known. One possibility is a thermal-blanketing effect produced by overpressures. If that is the mechanism, it becomes important to know the pressure regime in order to predict depths of hydrocarbon maturity zones and expected hydrocarbon phases.

The level of thermal maturity within petroleum accumulations near the 1002 area shows that most oil accumulations lie within or just above the uppermost part of the oil window. Gas in the Kemik accumulation lies within the dry gas zone. The Point Thomson gas and oil accumulation and the Kavik gas accumulation, which lie in the upper and lower parts of the oil



window, respectively, seem anomalous given their hydrocarbon phases. The anomalies may be the result of source rock variations or migration of hydrocarbons from deeper, more mature horizons.

## **INTRODUCTION**

Vitrinite reflectance and conodont color alteration index (CAI) measurements are sufficiently numerous in and adjacent to the ANWR 1002 area to provide insight to the region's thermal history. A goal in this study was to develop the ability to predict the depth of a desired maturity level, for example, the top of the oil window, at any particular location. Such prediction requires both a surface maturity value and a subsurface gradient. We used vitrinite analyses from outcrop and seismic shothole samples to produce a surface thermal-maturity contour map (Plate VR1). Vitrinite analyses of well samples provided subsurface thermal-maturity gradients. The results of the subsurface analysis were also used to show thermal maturity at the reservoir level for each of the various petroleum accumulations near the 1002 area. Data and findings from this study were important in the evaluation of petroleum plays, petroleum system studies [Magoon and others, Chap. PS], petroleum source rock calculations [Keller and others, Chap. SR], fluid-inclusions [Burruss, Chap. FI], reservoir porosity [Nelson, Chap. PP], burial reconstructions along structure sections [Cole and others, Chap. SM], maturation modeling [Houseknecht and Hayba, Chap. HG], and fluid-flow modeling [Rowan, Chap. BE; Hayba and others, Chap. TE].

## **THERMAL MATURITY DATA**

For this study, we incorporated previous published vitrinite reflectance and CAI data (Magoon and others, 1987; Johnsson and others, 1992), with newly available analyses from the Alaska Geologic Materials Center, and recent publications (e.g., Krumhardt, 1994). We have also included the results of new vitrinite analyses performed on samples collected specifically for this assessment. The quality of most previously available vitrinite data is difficult to evaluate because the mean is generally the only value reported. Some recent analyses are more easily evaluated with the reporting of histograms,

number of readings, and comments on the nature of the organic matter. The entire data set is summarized in [Table VR1](#), Outcrop vitrinite reflectance data; [Table VR2](#), Subsurface vitrinite reflectance data; and [Table VR3](#), Outcrop CAI data. Vitrinite reflectance and CAI values for surface samples are posted on the geologic map (Plate VR1). Correlations of vitrinite reflectance to CAI and to other thermal maturity indices are summarized in [Fig. VR1](#).

Our evaluation of the 1002-area thermal maturity also included the set of proprietary vitrinite data derived from seismic shot-hole samples. Because of their confidential nature, the analyses are not reported here. We reviewed those analyses, selecting only those that appeared to come from bedrock and discarding those from surficial deposits. This was not always an easy determination to make, but it was an important screening step because surficial deposits mantle most of the 1002 area (Carter and others, 1986; Brewer, 1987). Vitrinite reflectance readings from surficial deposits may bear little relation to those from bedrock.

Vitrinite reflectance data from 23 wells located adjacent to the ANWR ([Fig. VR2](#)) were also part of this analysis. For each well, plots of vitrinite reflectance with depth were created. Each plot also includes stratigraphic units encountered, casing points, and least-square regression lines, equations, and correlation coefficients ([Figs. VR3 to VR11](#)). Equations and correlation coefficients from these wells are summarized in [Table VR4](#).

CAI data consist of 204 analyses from surface samples. We used CAI only in a supplemental way in this analysis because of the relatively coarse maturity scale compared to vitrinite ([Fig. VR1](#)) and because most data lie in the mountains, well outside of the 1002 area (Plate VR1). However, CAI data were used in structural studies to constrain estimates of prior maximum burial and subsequent amounts of uplift and erosion (Cole and others, Chap. SM). An example of a combined set of vitrinite reflectance and CAI data employed in thermal maturity mapping is provided in the thermal maturity map of Alaska (Johnsson and Howell, 1996). That map and those in Johnsson and others (1993) provide a regional view of the thermal maturity of rocks in northern Alaska.

## SURFACE MATURITY MAP

Vitrinite analyses from 380 surface samples and 896 shot-hole samples were combined with a surface-projected vitrinite value from each of 23 wells. These data were contoured using GeoGraphix<sup>a</sup> software. The contour map was inspected, anomalous high and low values that could not be geologically substantiated were eliminated, and the contour pattern was generalized by hand. The resulting map, a generalized thermal maturity contour map of surface vitrinite reflectance, is provided in **Plate VR1**. The contour interval was selected to show boundaries relevant to hydrocarbon generation, preservation, and destruction (0.6-, 1.3-, 2.0-percent  $R_o$ , respectively). Supplemental contours on either side of this range are also provided.

The vitrinite reflectance isograds (Plate VR1) display an irregular east-northeast-trend across the map area—a trend that broadly mimics that of the mountain front. Within the 1002 area, isograd values increase southward from less than 0.4-percent  $R_o$  to slightly more than 2.0-percent  $R_o$ . Values as high as 4.8-percent  $R_o$  occur south of the 1002 area in the mountains.

The northern half of the 1002 area is characterized by highly variable vitrinite reflectance values ranging between 0.2- to slightly more than 0.4-percent  $R_o$ . The variability is such that no meaningful contour of less than 0.4-percent  $R_o$  could be drawn. Likely sources of this variability are the difficulty of distinguishing bedrock from surficial samples and analytical variation.

The trend of the 0.4-percent  $R_o$  isograd reveals at least two important geologic features. One is a prominent northeastward excursion along the axial region of the Marsh Creek anticline, an apparent indication of uplift in its axial region. Another is in the Niguanak area where the isograd makes a broad, arcuate excursion to the north approximating the surface trace of the passive roof-thrust (SLRT) mapped by Potter and others (Chap. BD, **Fig. BD2**).

Just south of the 0.4-percent  $R_o$  isograd in the Niguanak area, reflectance values of 0.5- to 0.99-percent  $R_o$  are present in the area of Jurassic and Cretaceous rock exposures (see inset map, Plate VR1). The validity of readings of 0.6-percent  $R_o$  and greater is suspect because apatite fission-track analyses from this area (O'Sullivan and others, 1993) indicate that these rocks have been heated to temperatures less than those required by 0.6-percent  $R_o$ , about 100°C (Fig. VR1). However, uncertainty in exact sample locations offers the possibility that the data are from different rocks and therefore the vitrinite readings may be valid. If valid, these data would be indicative of structural complexity that juxtaposes higher maturity rocks with lower maturity rocks. This would also be evidence that thermal maturity was imposed prior to deformation. This seems to be the case along the Jago River just west of the Niguanak area (see inset map, Plate VR1), where a thrust-fault separates higher maturity Hue Shale from lower maturity Canning Formation.

With respect to hydrocarbon generation, the map reveals that most rocks now at the surface in the 1002 area are undermature, not having been heated enough to generate oil. Mature rocks, 0.6– to 1.3-percent  $R_o$ , occur in a band three to six miles wide across the southern parts of the 1002 area. The zone of hydrocarbon preservation, 1.3– to 2.0-percent  $R_o$ , is of generally similar width immediately to the south. The zone of dry gas (>2.0-percent  $R_o$ ), for the most part, lies south of the 1002 area.

The close-spaced isograds in the southern part of the 1002 area are interpreted as an indication of former deep burial, heating, and subsequent uplift and erosion of the rocks in this area. Inspection of structure cross-sections (Cole and others, Chap. SM; Potter and others, Chap. BD) suggests that heating was mainly by sedimentary rather than tectonic burial. Uplift and erosion are related to the various episodes of Brooks Range folding and faulting (Murphy, Chap. FT; Potter and others, Chap. BD; Cole and others, Chap. SM). Amounts of former burial may be estimated if the rate of vitrinite reflectance increase with depth is known. In the following section, analysis of vitrinite reflectance profiles in wells provides information needed to make these estimates.

## SUBSURFACE MATURITY

Vitrinite analyses from 860 samples in 23 wells located near the 1002 area were analysed (Figs. VR3–VR11; Tables VR2, VR4). Graphs of  $R_o$  versus depth show a wide range in data quality. In several wells, the data appear as a cloud of points (West Staines 2, Hammerhead 1, and Hammerhead 2 shown in Figs. VR7A, -9A, -9B, respectively). Correlation coefficients as low as 0.1 attest to the noisy nature of these data (Table VR4). Other wells show a narrowly-constrained, linear progression of  $R_o$  values with depth and correspondingly high correlation coefficients (Kemik 2, West Kavik 1, Aurora 1, and Belcher 1 shown in Figs. VR3C, -4B, -10A, -10B, respectively). The origin of variation in these data is unknown but has several likely sources including contamination by sample cavings, reworking or recycling of older higher-maturity vitrinite, insufficient sample size, operator bias, and possibly even multiple operators. Reworking of older, higher-maturity vitrinite into younger, lower-maturity sediments of the Sagavanirktok Formation in the Point Thomson area is suggested by the analysis of Houseknecht and Hayba (Chap. HG). Variation by multiple operators can be significant as shown in the interlaboratory comparison (N=13) by Claypool and Magoon (1985). Based on analyses of 16 samples with thermal maturities ranging from 0.55- to 2.5-percent  $R_o$ , comparison of mean-value reflectance determinations shows standard deviations that range from 0.05 to 0.66 %  $R_o$  and coefficient of variation that range from 6 to 26 percent.

### Single Regression Trends

Vitrinite reflectance data in most wells may be fit by a single regression line, while data in a few wells may be fit by two, or perhaps more, regression lines (Table VR4). The regression equation is

$$R_o = a * 10^{(b * x)}$$

where  $a$  is the  $R_o$  value at the surface,  $b$  is the thermal maturity coefficient, and  $x$  is measured depth in feet. In wells fit by a single regression line, the thermal maturity coefficient varies by a factor of five, ranging from 1.3 to

$6.8 \times 10^{-5} \text{ ft}^{-1}$  with an average of  $2.8 \times 10^{-5} \text{ ft}^{-1}$ . The wide variation is assumed to be largely the result of noisy data.

Data were pooled from several wells and a single thermal maturity coefficient derived in order to increase the signal to noise ratio and perhaps to determine a coefficient with regional significance. This was done for six wells in the Point Thomson area and four in the Kavik area (Figs. VR11A and 11B). Pooling data from wells in the Point Thomson area was geologically reasonable because all six of the wells are within 20 miles of each other (Fig. VR2), the rocks are nearly flat-lying, and the stratigraphy in each well is grossly similar. The pooled-data for the Point Thomson area give a value of  $b = 1.9 \times 10^{-5} \text{ ft}^{-1}$ . In the Kavik area, the four wells display varying stratigraphy, especially below the Lower Cretaceous unconformity (LCU) and varying amounts of uplift and faulting. Stratigraphic variability was reduced by using only data from above the LCU and by normalizing sample elevations to an LCU datum. The pooled data for the Kavik area give a value of  $b = 2.7 \times 10^{-5} \text{ ft}^{-1}$ .

Given the hypothesis of Houseknecht and Hayba (Chap. HG), that vitrinite values in the Sagavanirktok Formation of the Point Thomson area are biased to the high side by putative vitrinite recycling, it is concluded that the Kavik area coefficient ( $b = 2.7 \times 10^{-5} \text{ ft}^{-1}$ ) probably is closer to being representative of a regional 1002-area thermal maturity coefficient because fewer samples from the Sagavanirktok Formation are involved. This coefficient, coincidentally, is very close to the average value ( $b = 2.8 \times 10^{-5} \text{ ft}^{-1}$ ) of all wells fit by a single regression line (Table VR4), and to the upper or shallow coefficient of wells that are fit by two regression lines. The Kavik area coefficient ( $b = 6.29 \times 10^{-5}$ , expressed in terms of log to the base  $e$ ) was used to estimate porosity variation with depth in the deformed part of the 1002 area (Nelson, Chap. PP) and the Point Thomson area coefficient ( $b = 4.37 \times 10^{-5}$ , expressed in terms of log to the base  $e$ ) was used to estimate porosity variation with depth in the undeformed part of the 1002 area. We conclude that  $2.7 \times 10^{-5} \text{ ft}^{-1}$  (expressed in terms of log to the base 10) is a reasonable coefficient to use in evaluating thermal maturity in most of the 1002 area, at least for that section of rocks above the top of the oil window. Application of this coefficient for strata below the top of the oil

window is proposed with caution because of the possibility of changing gradients, as described below.

### **Multiple Regression Trends**

Vitrinite reflectance data in the Beli and Aurora wells fall into distinct groups that are best characterized by two or more regression lines (Figs. **VR6C** and **VR10A**). These wells, in their upper parts, show a thermal maturity coefficient  $b$  of  $2.6 \times 10^{-5} \text{ ft}^{-1}$ , and, in their lower parts,  $7.2 \times 10^{-5} \text{ ft}^{-1}$  and  $9.2 \times 10^{-5} \text{ ft}^{-1}$ , respectively. A change in gradient occurs in the Beli well at a depth of about 11,000 ft, at the stratigraphic level of the LCU and at a thermal maturity level of about 0.7-percent  $R_o$ . In the Aurora well, a change in gradient occurs at nearly 13,000 ft, about 2,000 ft above the base of the Canning Formation and at a thermal maturity level of about 0.8-percent  $R_o$ .

The data from several other wells are best characterized by two or more regression lines, but with much less confidence. These wells include Kemik 1, Kavik 1, Canning River A-1, and Canning River B-1 (Figs. **VR3B**, **VR5A**, **VR5B**, and **VR5C**, respectively). The putative change in gradient in these wells occurs at the stratigraphic level of the Hue Shale or just above, in the lower part of the Canning Formation. The maturity level at the change in gradient is generally in the range of 0.6 to 0.8-percent  $R_o$ , similar to that observed in the Beli and Aurora wells. Vitrinite reflectance data from several other North Slope wells located farther west of the 1002 area are also best characterized by two or more regression lines (Johnsson and others, 1993).

If a change in gradient is a widespread phenomenon within the 1002 area, there are important consequences in the evaluation of petroleum potential and burial reconstructions. For example, the zones of hydrocarbon generation, preservation and destruction may be compressed and found at shallower depths than otherwise expected. Similarly, estimates of maximum burial and amounts of uplift may also be less than otherwise expected.



The consequences of multiple gradients related to the zone of hydrocarbon generation are illustrated in the Aurora well (Fig. VR12). If one had vitrinite reflectance data only from the upper 10,000 ft of this well and no knowledge of deeper trends, one might project the resulting trend to depth. This projection would yield an estimate of the top of the oil window (0.6-percent  $R_o$ ) at a depth of nearly 12,000 ft and a base of the oil window (1.3-percent  $R_o$ ) at nearly 24,000 ft, giving a depth range of oil generation or oil window "thickness" of more than 12,000 ft. If one had a poor data set for the entire well that did not clearly show two gradients and an "average" gradient were used, the top of the oil window would be selected at a depth of about 9,000 ft and a base at about 16,000 ft for an oil window "thickness" of about 7,000 ft. With the currently available data set and two clearly defined gradients, the oil window lies between 12,000 ft and 16,000 ft, giving a thickness of about 4,000 ft. From this analysis, the depth-range of oil generation could be overestimated by as much as a factor of three if the change in gradient were not recognized. Similar overestimates would be expected in depths of hydrocarbon preservation and the dry gas zone. Translated to petroleum exploration or to the assessment process, an unrecognized gradient change might result in evaluating rocks that are currently in, say the dry gas zone, as still being within the oil-generating zone.

### **Origin of Multiple Regression Trends**

The causes of the gradient change in wells near the 1002 area are unknown. Possible explanations include change in basal heat flow over time, change in heat flow due to topographically-driven fluid flow, or thermal-blanketing effects of abnormal pressures. Variation in basal heat flow was modeled by Lerche and others (1984) as the source of gradient change in the central North Slope Inigok well. In that well, a change in vitrinite reflectance gradient occurs in Aptian-Albian strata of the lower part of the Torok Formation. In wells near the 1002 area, the change in gradient generally occurs in late Cretaceous and early Tertiary strata of the Hue Shale and the Canning Formation. Thus the relative timing of the putative change in heat flow of the two areas would appear to differ by 30 to 50 million years. Lower heat flow in the southern part of the Colville basin southwest of Prudhoe Bay was attributed to cooling effects of topographically-driven



fluid flow by Deming and others (1992) but not specifically to changes in thermal gradient within any wells. In the following paragraphs, the possibility of a thermal blanketing effect related to abnormal fluid pressure is examined in the Aurora well.

**Overpressures.** In Fig. VR13, present-day temperatures and pressures in the Aurora well are compared to paleotemperatures converted from vitrinite reflectance values. Conversion of  $R_o$  to temperature followed the equation of Barker and Pawlewicz (1994). Present-day temperature measurements, consisting of a temperature log, repeat formation tests, and corrected bottom-hole log temperatures, are those summarized by Paul and others (1994). These measurements show considerable variation depending on the method, but do not seem to show the change in gradient observed in the vitrinite-derived temperatures. However, given the scatter in the data, a change in the present-day temperature gradient cannot be ruled out. Compared to vitrinite-derived paleotemperatures, present-day temperatures are, overall, somewhat lower. Fair coincidence is shown in the middle-depths of the well, from about 6,000 ft to 14,000-ft; increasing discrepancy is apparent both shallower and deeper. The overall lesser present-day temperatures may result from uplift or Pleistocene climatic cooling. In the deepest parts of the well, discrepancies may be related to incomplete corrections of bottom-hole temperatures.

Pressures in the Aurora well are estimated by mud weights recorded on the lithology log [Nelson and others, Chap. WL]. Mud weights were increased gradually from 9-pound/gallon (lb/gal) near the surface to 16 lb/gal below 15,000 ft (Fig. VR13). Moderate overpressures (fluid-pressure gradient of 0.6 psi/ft) are suggested by 12 lb/gal mud from 11,000 ft to 15,000 ft whereas strong overpressures (0.8 psi/ft) are suggested by 16 lb/gal mud below 15,000 ft. The change in the vitrinite-derived temperature gradient lies at about 12,000 ft, within the zone of moderate overpressures.

The origin of the overpressures in the Aurora well is unknown. The conditions are such that one or more overpressuring mechanisms could be operating. The onset of overpressures (0.6 psi/ft gradient) occurs within a thick mud-rich Paleocene and Eocene marine section that was deposited

rapidly, temperatures at this level are about 100°C, and the location of the well is just north of the complexly folded and faulted Jago Ridge (Potter and others, Chap.BD). Thus, overpressures could result from disequilibrium compaction, hydrocarbon generation, or tectonic stress. Overpressures are known to occur in the Point Thomson area wells (Gautier and others, 1987; Bird, Chap. GG, **Plates GG2** and GG3). Overpressures are also common in the Beaufort Sea–Mackenzie Delta region of Canada (Hitchon and others, 1990; Issler, 1992), an area with many geologic similarities to the 1002 area.

A cause and effect relation between overpressures and change in vitrinite reflectance gradient is postulated from the analysis above. A thermal blanketing effect, the result of abnormal fluid pressures, would produce higher thermal gradients within and below the zone of overpressuring. Overpressures could develop in the lower, mud-rich part of the Brookian sequence (Hue Shale and Canning Formation) and may be caused by various processes commonly found in foreland basin settings. The presence of overpressures would be expected to produce high thermal gradients that would, in effect, compress and elevate the zones of hydrocarbon generation, preservation, and destruction. Conversely, an absence of overpressures would result in a single, relatively uniform gradient and therefore expanded hydrocarbon zones.

### **Synthesis of Subsurface Maturity**

An idealized vitrinite profile in an idealized 1002-area stratigraphic column is provided in **Fig. VR14**. In the upper part of the Brookian section, composed of fluvial-deltaic deposits of the Sagavanirktok Formation, varying amounts of recycled vitrinite may skew the vitrinite profile to higher values. The thermal maturity coefficient in this section may range from 1.3 to  $2.5 \times 10^{-5} \text{ ft}^{-1}$ . Down-section in the prodelta and distal marine deposits, a vitrinite gradient more representative of actual thermal conditions is developed. Thermal maturity coefficient values of  $2.7 \times 10^{-5} \text{ ft}^{-1}$  are judged to be characteristic of this zone. In the lower part of this interval, abnormal pressures may develop producing a thermal blanketing effect, thus raising the thermal gradient in the stratigraphic section below. A result of this

change in gradient is that the zones of hydrocarbon generation, preservation, and destruction are compressed compared to a constant-gradient situation.

Regardless of subsurface pressure conditions, estimates of depth to the top of the oil window should be reasonably predicted in most of the 1002 area by using a coefficient of  $2.7 \times 10^{-5} \text{ ft}^{-1}$  in combination with a known surface  $R_O$  value. It is within and below the top of the oil window that it may be critical to know the pressure regime in order to predict depths and expected hydrocarbon phases. As demonstrated by the Aurora well, estimates of the depth-range of the oil-generative section could vary by a factor of three, from as little as 4,000 ft to as much as 12,000 ft.

Using subsurface vitrinite profiles, the level of thermal maturity of each known petroleum accumulation near the 1002 area is shown in **Fig. VR15**. This plot shows that the oil accumulations are located within or just above the uppermost part of the oil window. Gas in the Kemik accumulation lies within the dry gas zone as expected. The Point Thomson accumulation, consisting of gas and some oil, at a maturity level of about 0.7-percent  $R_O$  seems anomalous. The composition and maturity level of this hydrocarbon accumulation suggests either an unusual gas-prone source rock or migration of gas from deeper, more mature horizons was trapped along with oil from nearby, less thermally mature oil source rocks. Similarly, the Kavik gas field appears anomalous in that it is composed of dry gas and lies at a maturity level within the upper part of the zone of oil preservation. This situation suggests a gas-prone source rock, migration of gas from deeper, more mature source rocks, or the cracking of oil from deeper, more mature horizons.

## CONCLUSIONS

Thermal maturity of rocks at the surface increases southward across the 1002-area and into the Brooks Range. Reflectance isograds show a general easterly trend similar to that of the mountain front. Reflectance values range from less than 0.4-percent  $R_O$  in the northern half of the 1002 area to as much as 2.0-percent  $R_O$  in the south. The zone of oil generation (0.6- to 1.3-percent  $R_O$ ) occurs in a band three- to six-miles wide across the southern part

of the 1002 area. This part of the 1002 area and southward are considered prospective mostly for gas. The southward increase in maturity is interpreted to reflect burial-heating and subsequent uplift and erosion. Timing of structural deformation appears to have occurred after maximum heating.

Subsurface vitrinite data show that estimates of depth to the top of the oil window should be reasonably predicted in the 1002 area by using a thermal maturity coefficient of  $2.7 \times 10^{-5} \text{ ft}^{-1}$  in combination with a known surface  $R_O$  value. Within the oil window and below, the vitrinite reflectance gradient may increase. Based on analysis of the Aurora well, the depth-range of the oil-generative section could vary by a factor of three—from as much as 12,000 ft with no gradient change, to as little as 4,000 ft with the increased gradient observed in the well. It is postulated that overpressures produce a thermal-blanketing effect that results in the change in gradient. If the hypothesis is correct, it becomes important to know the pressure regime in order to predict depths of hydrocarbon maturity zones and expected hydrocarbon phases.

The level of thermal maturity within petroleum accumulations near the 1002 area shows that most oil accumulations lie within or just above the uppermost part of the oil window. Gas in the Kemik accumulation lies within the dry gas zone as expected. The Point Thomson and Kavik accumulations seem anomalous given their hydrocarbon phases and maturity levels. The anomalies may be the result of variations in source rock organic matter composition or migration of hydrocarbons from deeper, more mature horizons.

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## REFERENCES CITED

- Barker, C.E., and Pawlewicz, M.J., 1994, Calculation of vitrinite reflectance from thermal histories and peak temperatures: A comparison of methods, *in* Mukhopadhyay, P.K., and Dow, W., eds., Vitrinite reflectance as a Maturity Parameter: Applications and Limitations, American Chemical Society Symposium Series 570.
- Bostick, N.H., 1979, Microscopic measurement of the level of catagenesis of solid organic matter in sedimentary rocks to aid exploration for petroleum and to determine former burial temperatures; a review, *in* Scholle, P. A., and others, Aspects of diagenesis: Society of Economic Paleontologist and Mineralogists Special Publication No. 26, p. 17-34.
- Brewer, M.C., 1987, Surficial geology, permafrost, and physical processes, *in* Bird, K.J., and Magoon, L.B., eds., Petroleum geology of the northern part of the Arctic National Wildlife Refuge, northeastern Alaska, U.S. Geological Survey Bulletin 1778, p. 27–36.
- Carter, L.D., Ferrians, O.J., Jr., and Galloway, J.P., 1986, Engineering-geologic maps of northern Alaska coastal plain and foothills of the Arctic National Wildlife Refuge: U.S. Geological Survey Open-File Report 86-334, 2 sheets, 9 p.
- Claypool, G.E., and Magoon, L.B., 1985, Comparison of oil-source rock correlation data for Alaskan North Slope: Techniques, results, and conclusions, *in* Magoon, L.B., and Claypool, G.E., eds., Alaska North Slope oil-rock correlation study: Tulsa, Oklahoma, American Association of Petroleum Geologists Studies in Geology 20, p. 49–81.
- Deming, D., Sass, J.H., Lachenbruch, A.H., and De Rito, R.F., 1992, Heat flow and subsurface temperature as evidence for basin-scale groundwater flow, North Slope of Alaska: Geological Society of America Bulletin, v. 104, no. 5, p. 528–542.
- Epstein, A.G., Epstein, J.B., and Harris, L.D., 1977, Conodont color alteration—an index to organic metamorphism: U.S. Geological Survey Professional Paper 995, p. 27 p.
- Gautier, D.L., Bird, K.J., and Colten-Bradley, V.A., 1987, Relationship of clay mineralogy, thermal maturity, and geopressure in wells of the Point Thomson area, *in* Bird, K.J., and Magoon, L.B., eds., Petroleum

- geology of the northern part of the Arctic National Wildlife Refuge, northeastern Alaska, U.S. Geological Survey Bulletin 1778, p. 199–207.
- Hitchon, B., Underschultz, J.R., Bachu, S., and Sauveplane, C.M., 1990, Hydrogeology, geopressures and hydrocarbon occurrences, Beaufort-Mackenzie Basin: Canadian Bulletin of Petroleum Geology, v. 38, no. 2, p. 215-235.
- Hood, A., Gutjahr, C.C.M., and Heacock, R.L., 1975, Organic metamorphism and the generation of petroleum: American Association of Petroleum Geologists Bulletin, v. 59, p. 986-996.
- Issler, D.R., 1992, A new approach to shale compaction and stratigraphic restoration, Beaufort-Mackenzie basin and Mackenzie corridor, northern Canada: American Association of Petroleum Geologists Bulletin, v. 76, no. 8, p. 1170-1189.
- Johnsson, M.J., Howell, D.G., and Bird, K.J., 1993, Thermal maturity patterns in Alaska—implications to tectonic evolution and hydrocarbon potential: American Association of Petroleum Geologists Bulletin, v. 77, no. 11, p. 1874-1903.
- Johnsson, M.J., and Howell, D.G., 1996, Generalized thermal maturity map of Alaska: U.S. Geological Survey Miscellaneous Geologic Investigations Map I-2494, scale 1:2,500,000, 1 sheet.
- Johnsson, M.J., Pawlewicz, M.J., Harris, A.G., and Valin, Z.C., 1992, Vitrinite reflectance and conodont color alteration index data from Alaska: Data to accompany the thermal maturity map of Alaska: U.S. Geological Survey Open-File Report 92-409, 3 computer disks.
- Jones, R.W., and Edison, T.A., 1978, Microscopic observations of kerogen related to geochemical parameters with emphasis on thermal maturation, in Oltz, D.F., ed., Low temperature metamorphism of kerogen and clay minerals: Society of Exploration Paleontologists and Mineralogists Pacific Section, Los Angeles, October, p. 1-12.
- Krumhardt, A.P., 1994, Conodont analyses from the Arctic National Wildlife Refuge, northeast Brooks Range, Alaska 1990-1993: Alaska Division of Geological and Geophysical Surveys Public-Data File 94-25, 79 p.

- Lerche, I., Yarzab, R.F., and Kendall, C.G.S.C., 1984, Determination of paleoheat flux from vitrinite reflectance data: American Association of Petroleum Geologists Bulletin, v. 68, no. 11, p. 1704–1717.
- Magoon, L.B., Woodward, P.V., Banet, A.C., Jr., Griscom, A.B., and Daws, T.A., 1987, Thermal maturity, richness, and type of organic matter of source rock units, *in* Bird, K.J., and Magoon, L.B., eds., Petroleum geology of the northern part of the Arctic National Wildlife Refuge, northeastern Alaska, U.S. Geological Survey Bulletin 1778, p. 127–179.
- Paul, L.E., Choromanski, D.R., Turner, R.F., and Flett, T.O., 1994, Geological, geochemical, and operational summary, Aurora well, OCS Y-0943-1, Beaufort Sea, Alaska: Minerals Management Service OCS Report MMS 94-0001, p. 71 p.
- Peters, K.E., 1986, Guidelines for evaluating petroleum source rock using programmed pyrolysis: American Association of Petroleum Geologists Bulletin, v. 70, no. 3. p. 319-329.
- Poole, F.G., and Claypool, G.E., 1984, Petroleum source-rock potential and crude-oil correlation in the Great Basin, *in* Woodward, J., Meissner, F.F., and Clayton, J.L., eds., Hydrocarbon source rocks of the greater Rocky Mountain region: Denver, Colorado, Rocky Mountain Association of Geologists, p. 179-229.
- O'Sullivan, P.B., Green, P.F., Bergman, S.C., Decker, J., Duddy, I.R., Gleadow, A.J.W., and Turner, D.L., 1993, Multiple phases of Tertiary uplift in the Arctic National Wildlife Refuge, Alaska, revealed by apatite fission track analysis: American Association of Petroleum Geologists Bulletin, v. 77, no. 3, p. 359-385.
- Tissot, B. P., 1984, Recent advances in petroleum geochemistry applied to hydrocarbon exploration: American Association of Petroleum Geologists Bulletin, v. 68, no. 5, p. 545-563.
- Waples, D.W., 1980, Time and temperature in petroleum exploration—Application of Lopatin's method to petroleum exploration: American Association of Petroleum Geologists Bulletin, v. 64, p. 916-926.

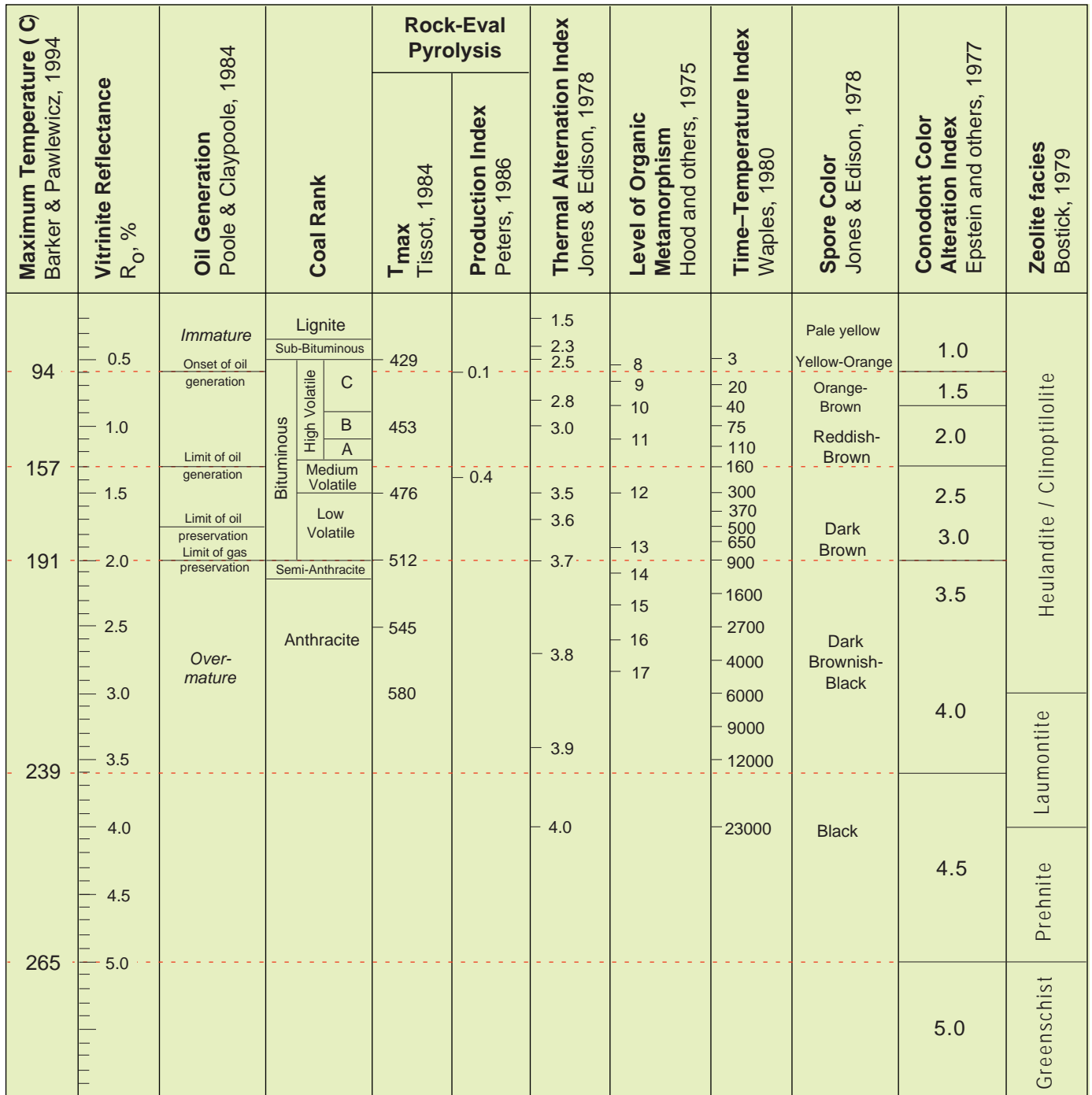


Figure VR1. Thermal maturity indicators. Approximate correlations modified from unpublished compilation by M.J. Johnsson.



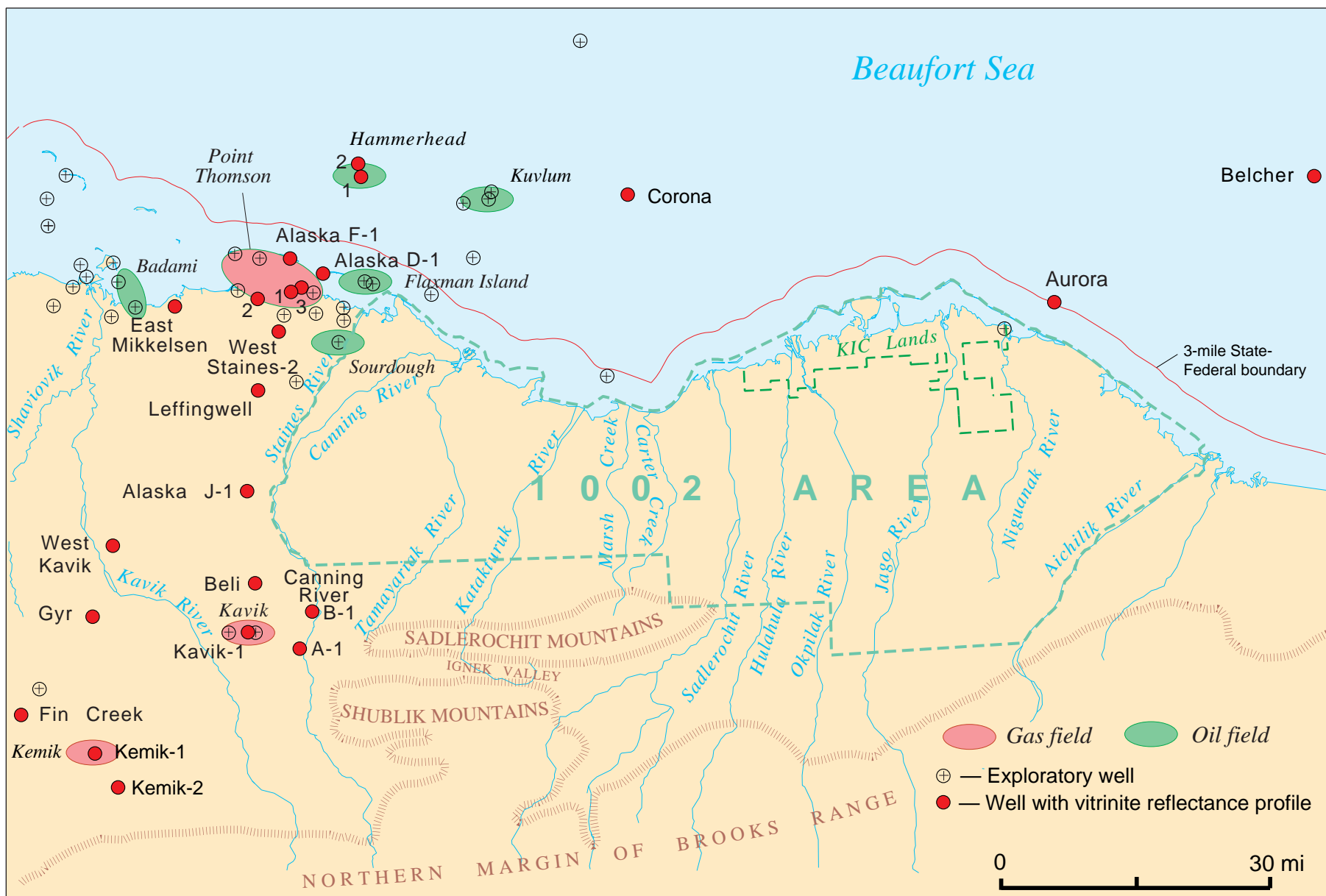


Figure VR2. Location map of oil and gas accumulations and wells with vitrinite reflectance profiles.

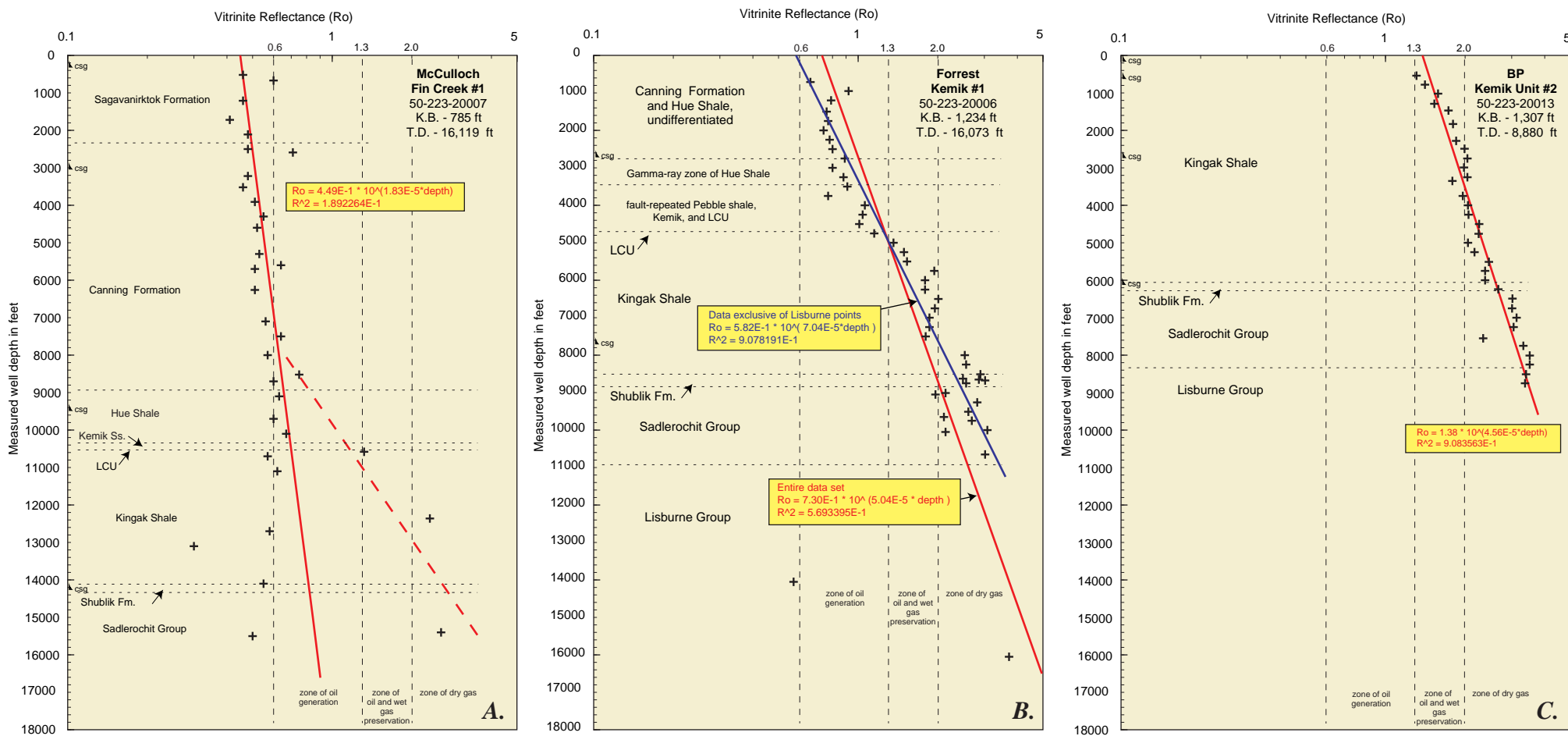


Figure VR3. Vitrinite reflectance profiles in selected wells west of the Arctic National Wildlife Refuge. A, Fin Creek-1. B, Kemik-1. C, Kemik-2. See Figure VR2 for well locations.

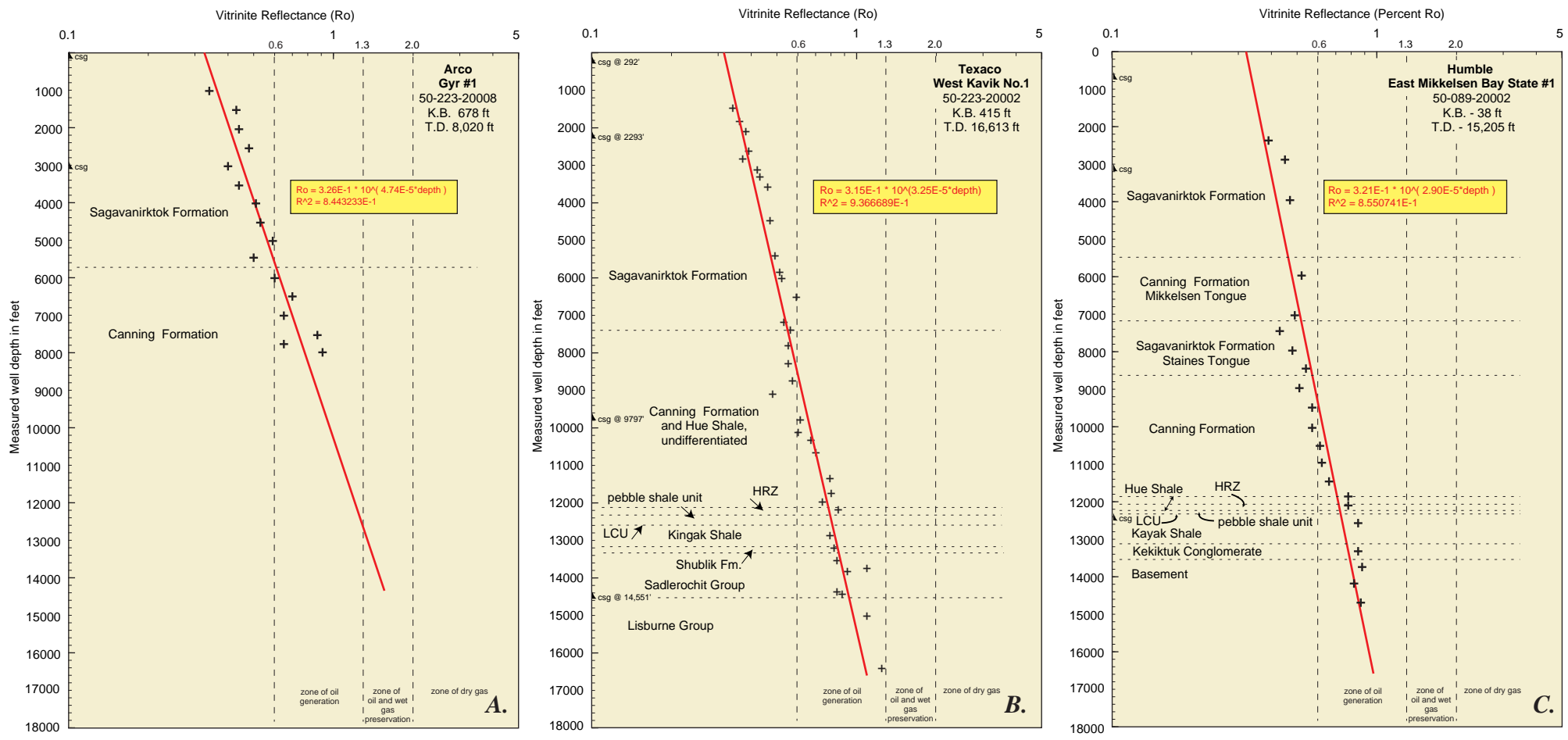


Figure VR4. Vitrinite reflectance profiles of selected wells west of the Arctic National Wildlife Refuge. A, Gyr-1. B, West Kavik-1. C, East Mikkelsen Bay-1. See Figure VR2 for well locations.

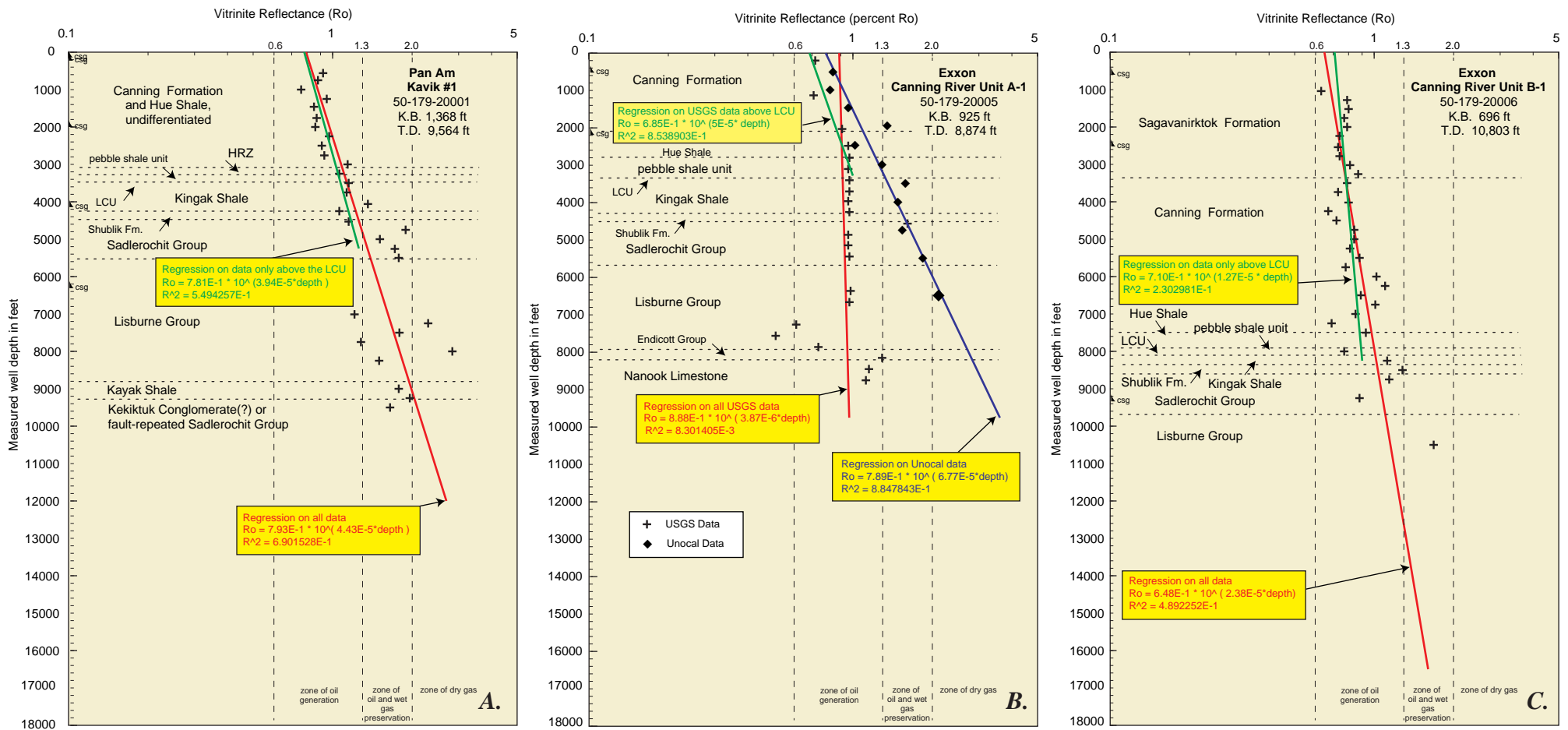


Figure VR5. Vitrinite reflectance profiles for selected wells west of the Arctic National Wildlife Refuge. A, Kavik-1. B, Canning River A-1. C, Canning River B-1. See Figure VR2 for well locations.

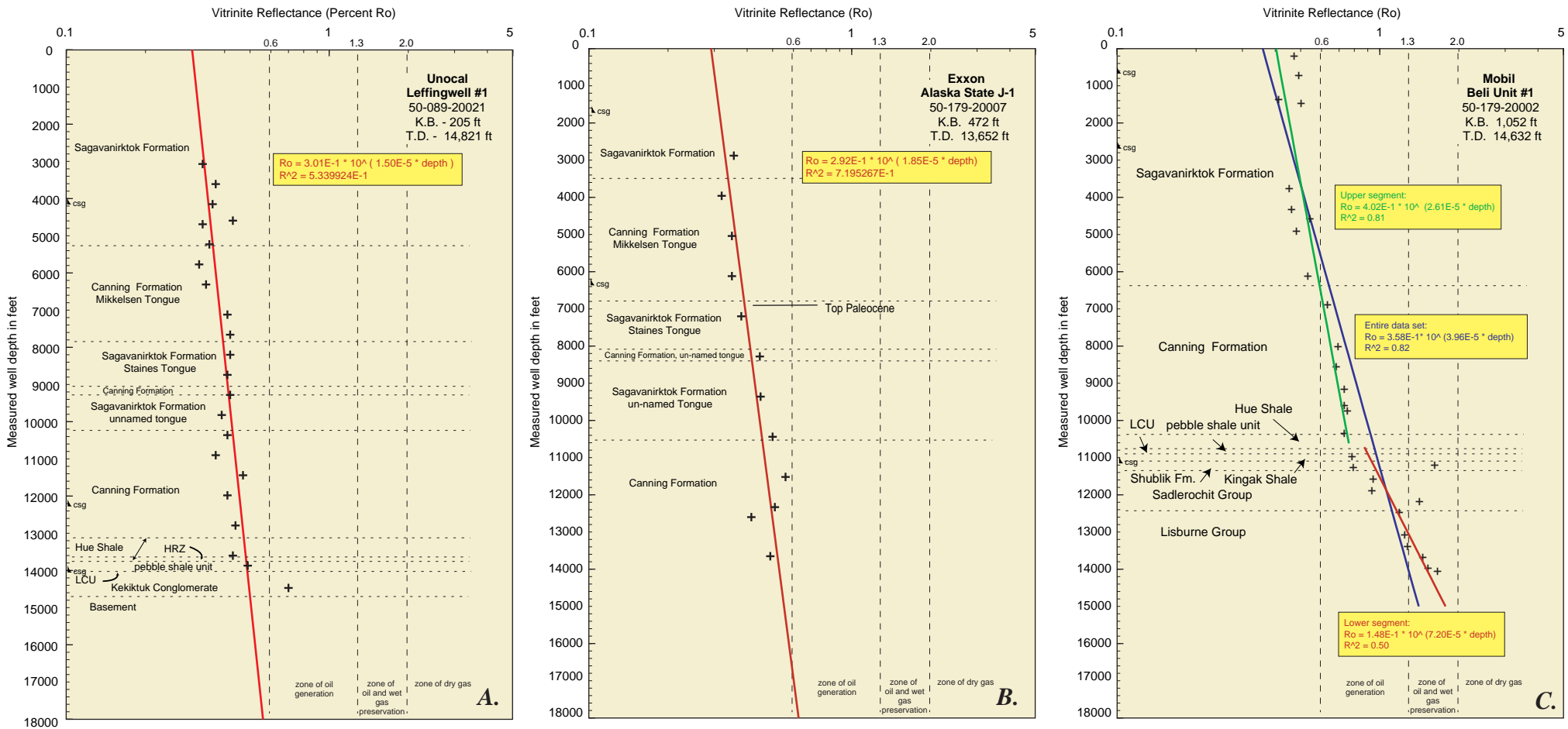


Figure VR6. Vitrinite reflectance profiles of selected wells west of the Arctic National Wildlife Refuge. A, Leffingwell-1. B, Alaska State J-1. C, Beli-1. See Figure VR2 for well locations.

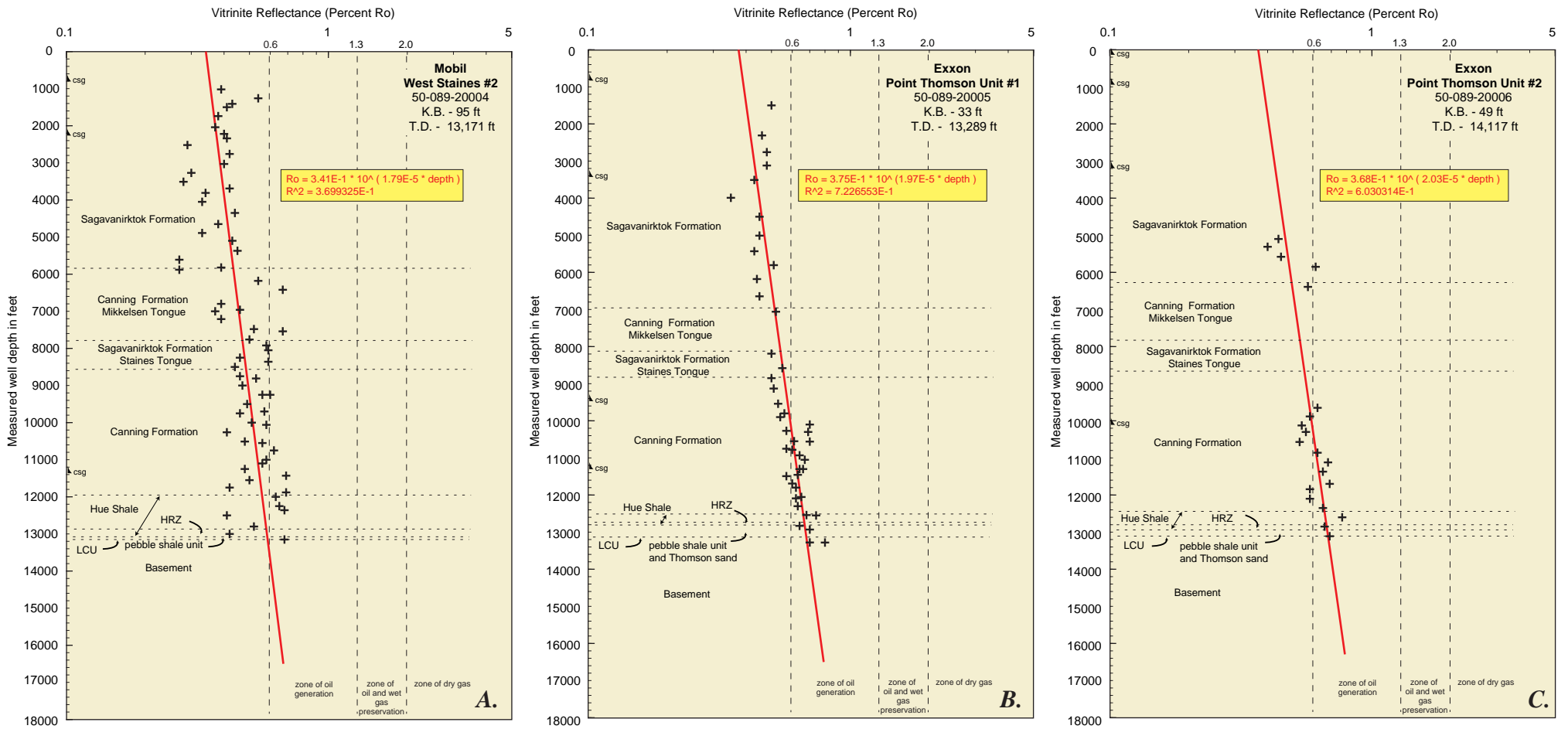


Figure VR7. Vitrinite reflectance profiles for selected wells northwest of the Arctic National Wildlife Refuge. A, West Staines-2. B, Point Thomson-1. C, Point Thomson-2. See Figure VR2 for well locations.

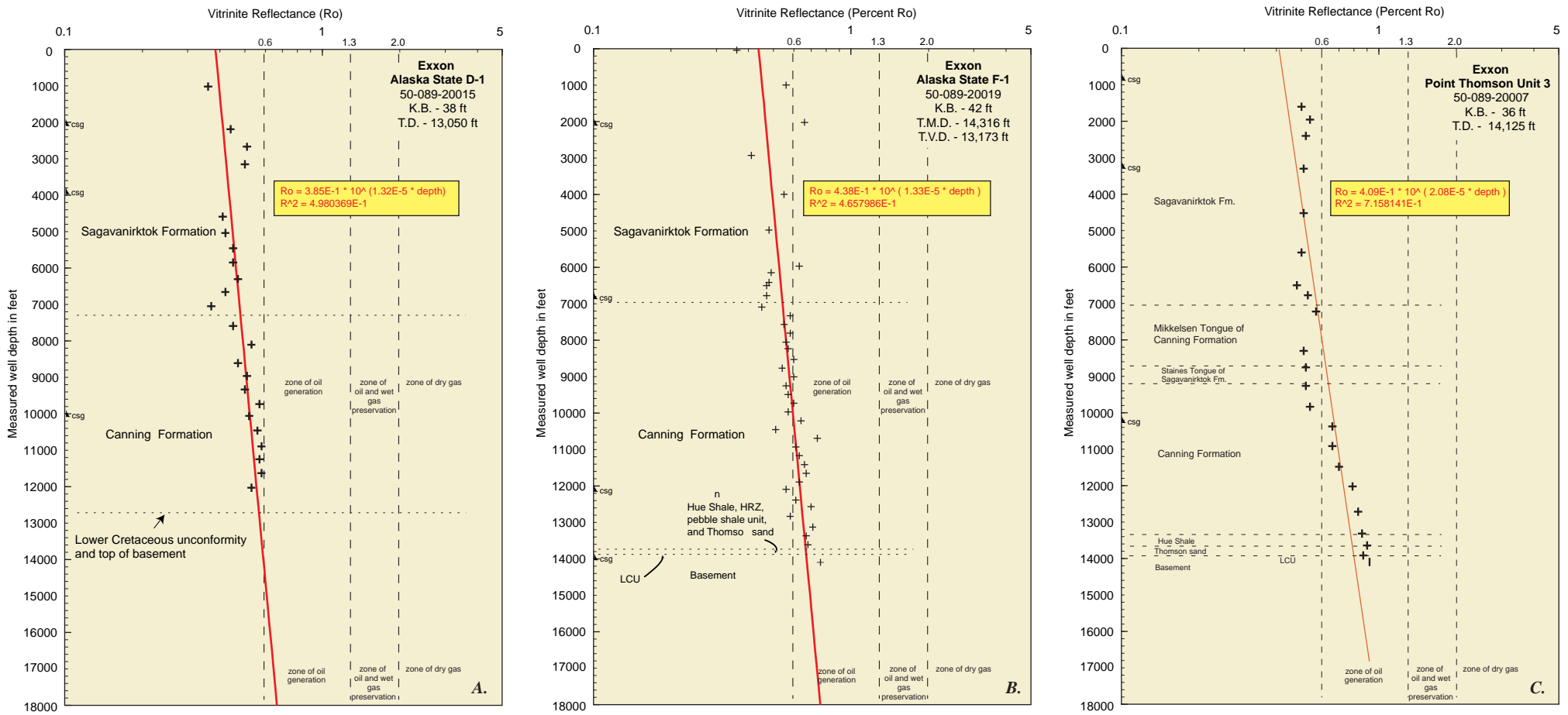


Figure VR8. Vitrinite reflectance profiles for selected wells northwest of the Arctic National Wildlife Refuge. A, Alaska State D-1. B, Alaska State F-1. C. Point Thomson Unit 3. See Figure VR2 for well locations.

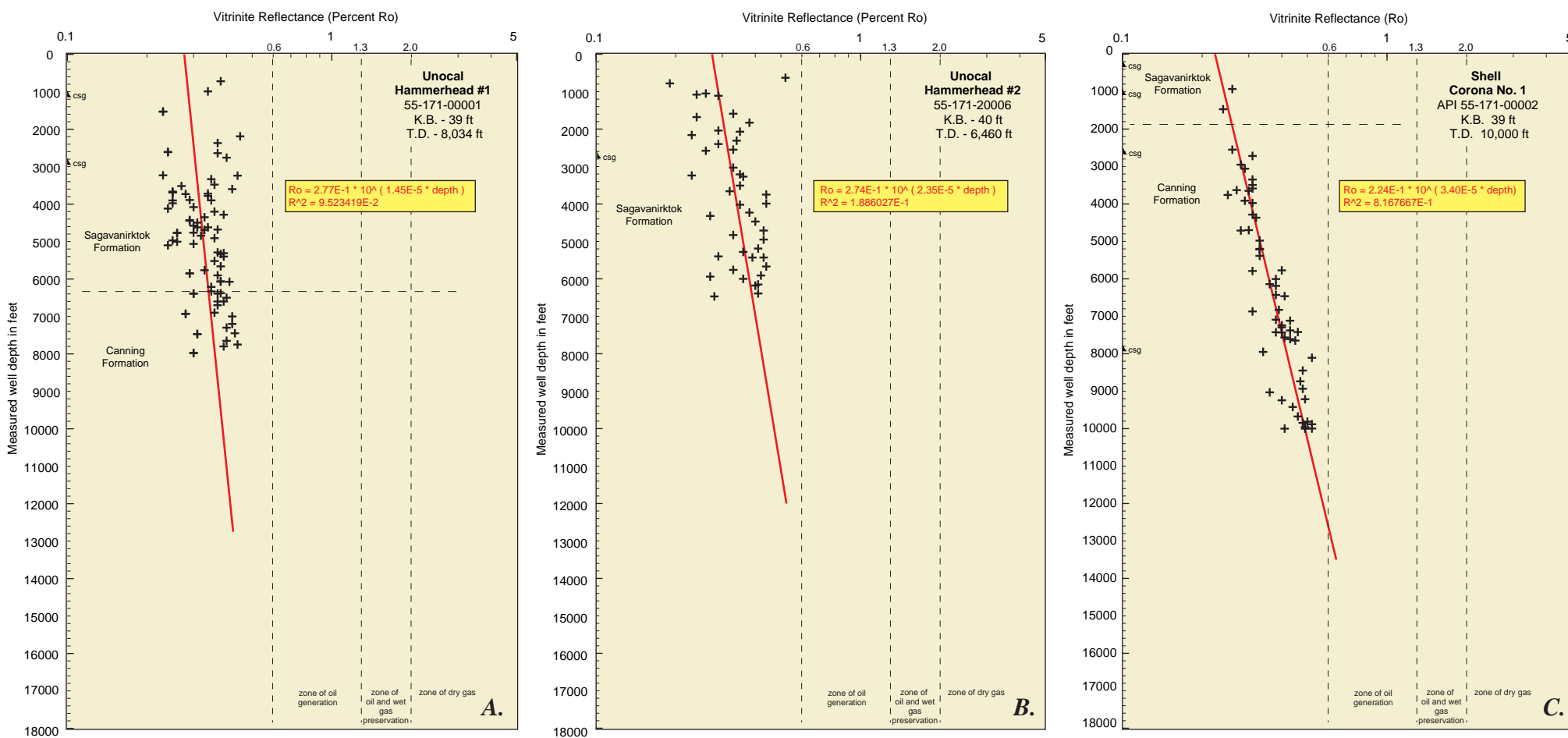


Figure VR9. Vitrinite reflectance profiles for selected wells offshore of the Arctic National Wildlife Refuge. *A*, Hammerhead-1. *B*, Hammerhead-2. *C*, Corona-1. See Figure VR2 for well locations.



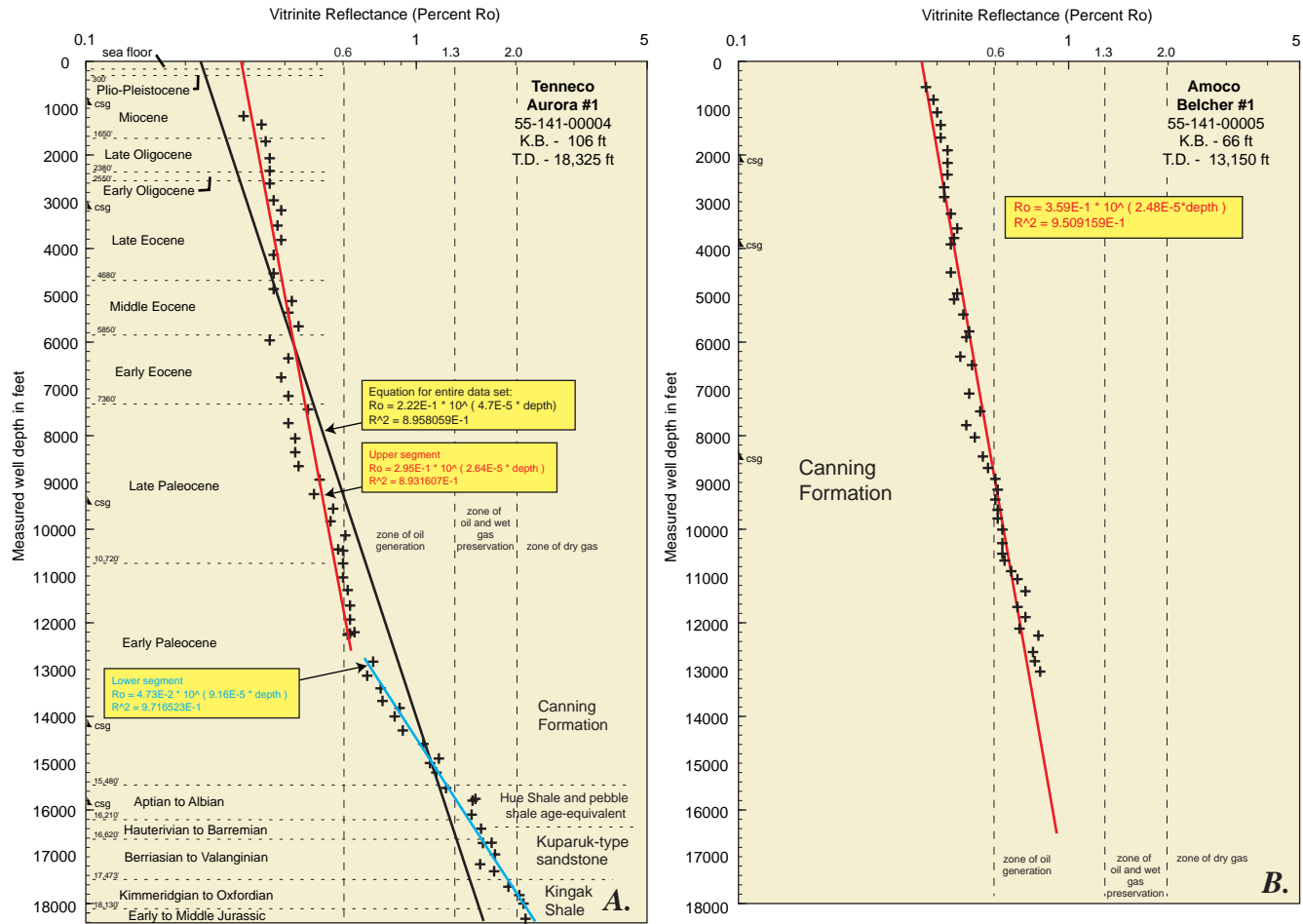


Figure VR10. Vitrinite reflectance profiles for selected wells offshore the Arctic National Wildlife Refuge. A, Aurora-1. B, Belcher-1. See Figure VR2 for well locations.

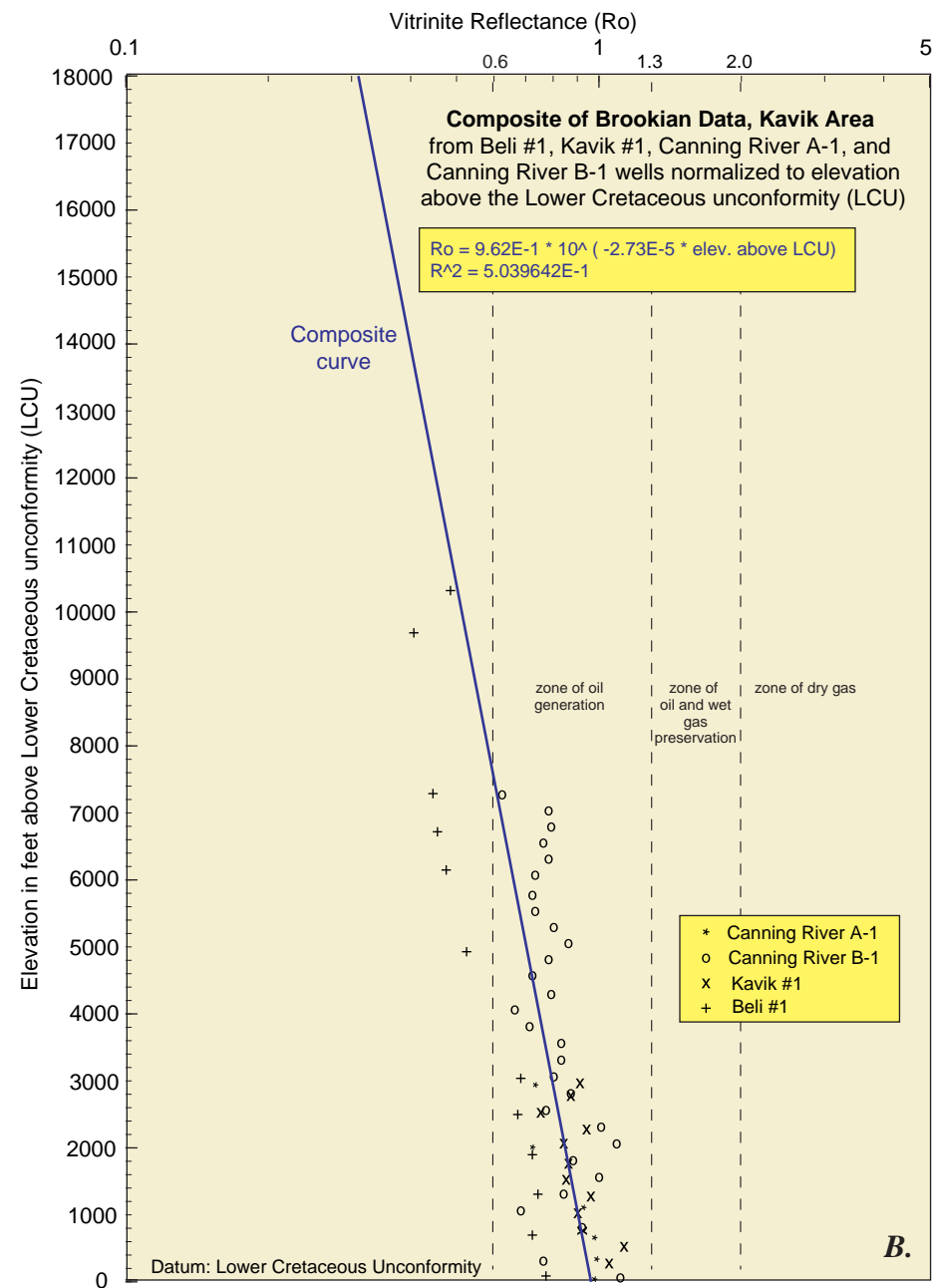
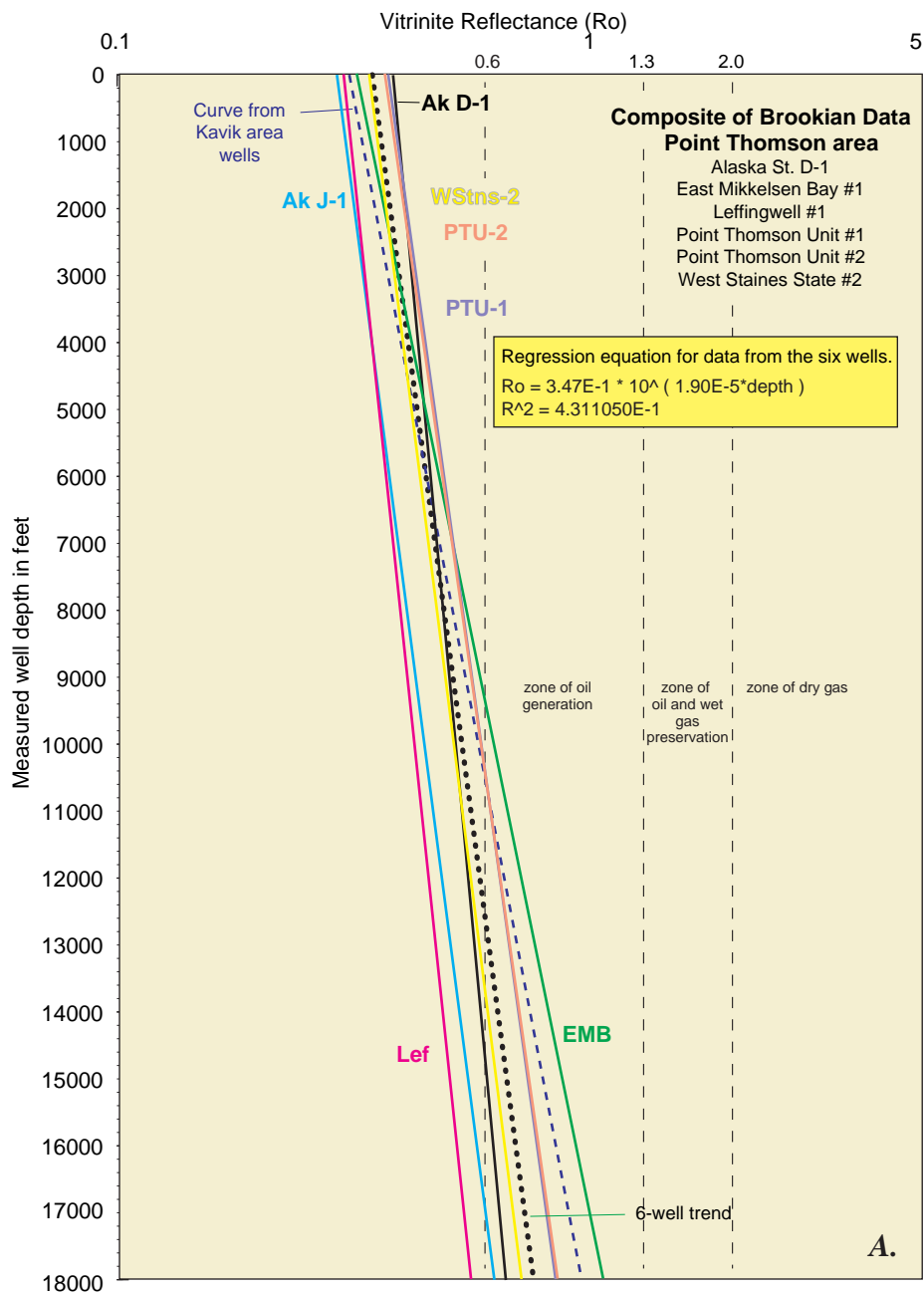


Figure VR11. Composite vitrinite reflectance profiles for selected wells in the Point Thomson and Kavik areas. See Figure VR2 for well locations.

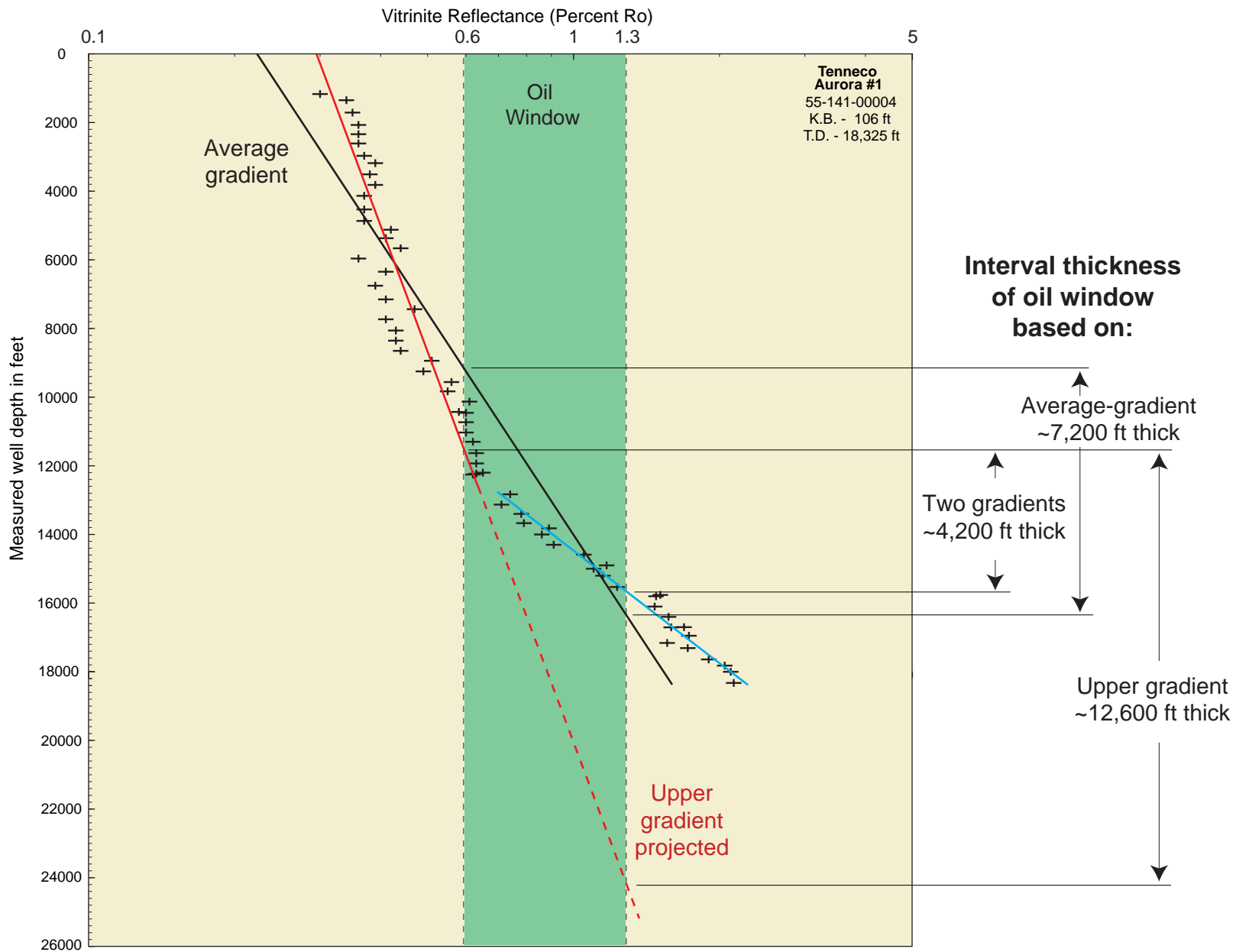


Figure VR12. Analysis of interval thickness of zone of oil generation depending on the vitrinite reflectance gradient selected. Example is based on the Aurora well which shows two distinct gradients. See Figure VR2 for well location.

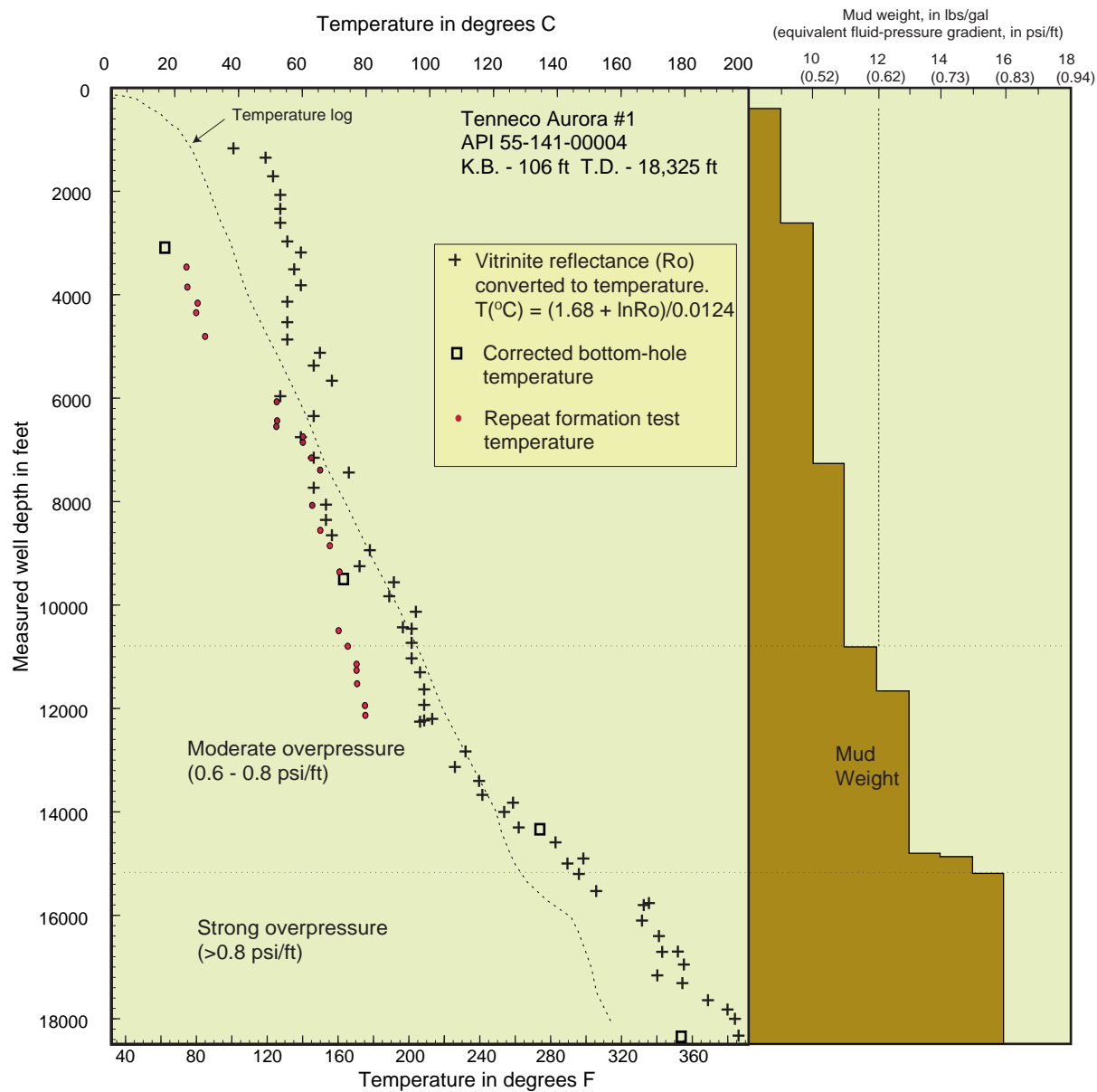


Figure VR13. Temperatures and pressure in the Aurora well. Vitrinite reflectance values have been converted to temperature according to the equation of Barker and Pawlewicz (1994). These paleotemperatures are compared to present-day observed temperatures as reported by Paul and others (1994). Variations in fluid-pressure gradient are approximated by mud weight. See figure VR2 for location of Aurora well.

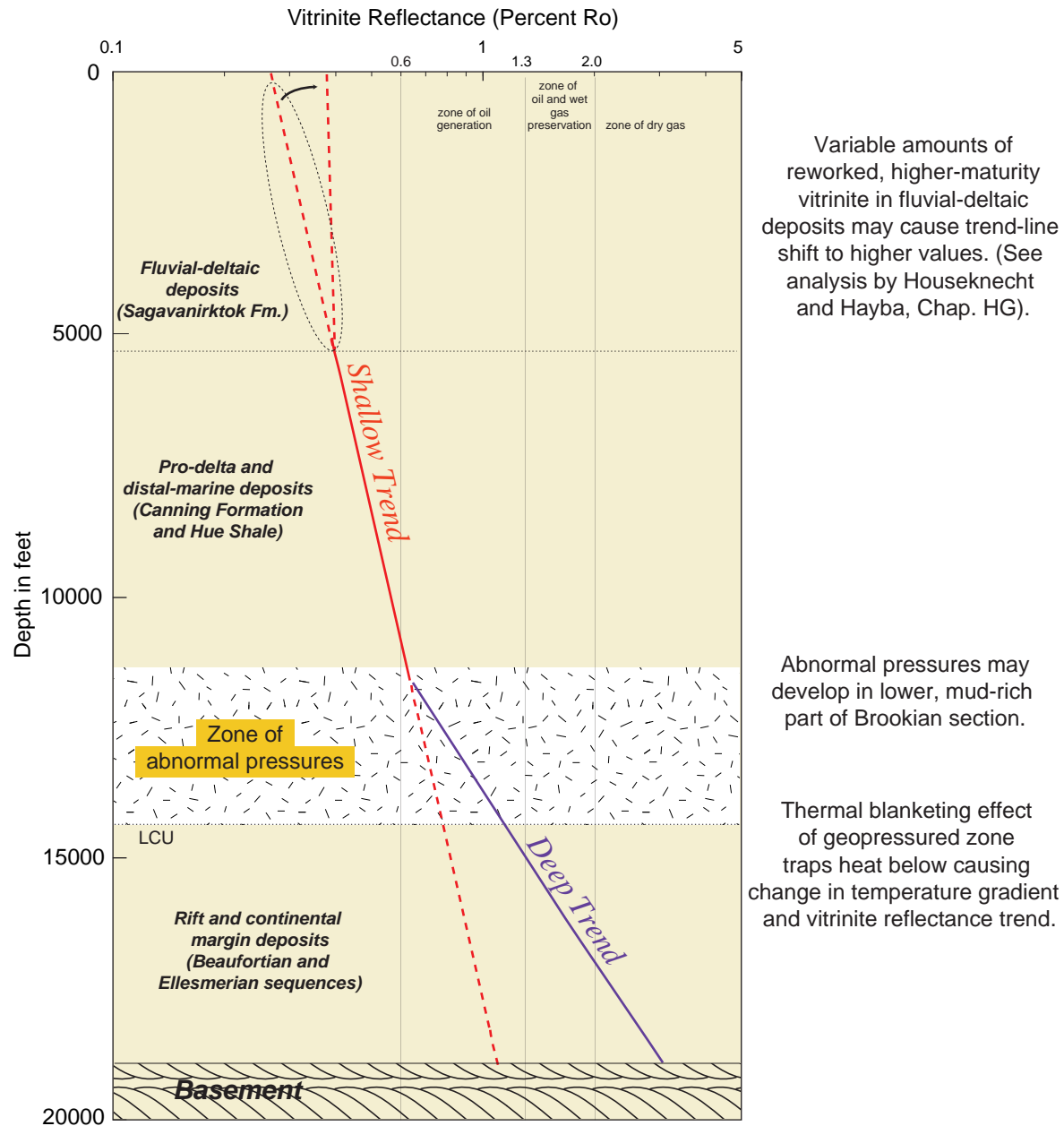


Figure VR14. Synthesis of subsurface thermal maturity adjacent to the ANWR 1002 area showing shallow and deep vitrinite reflectance trends and the postulated correlation to abnormal pressures.

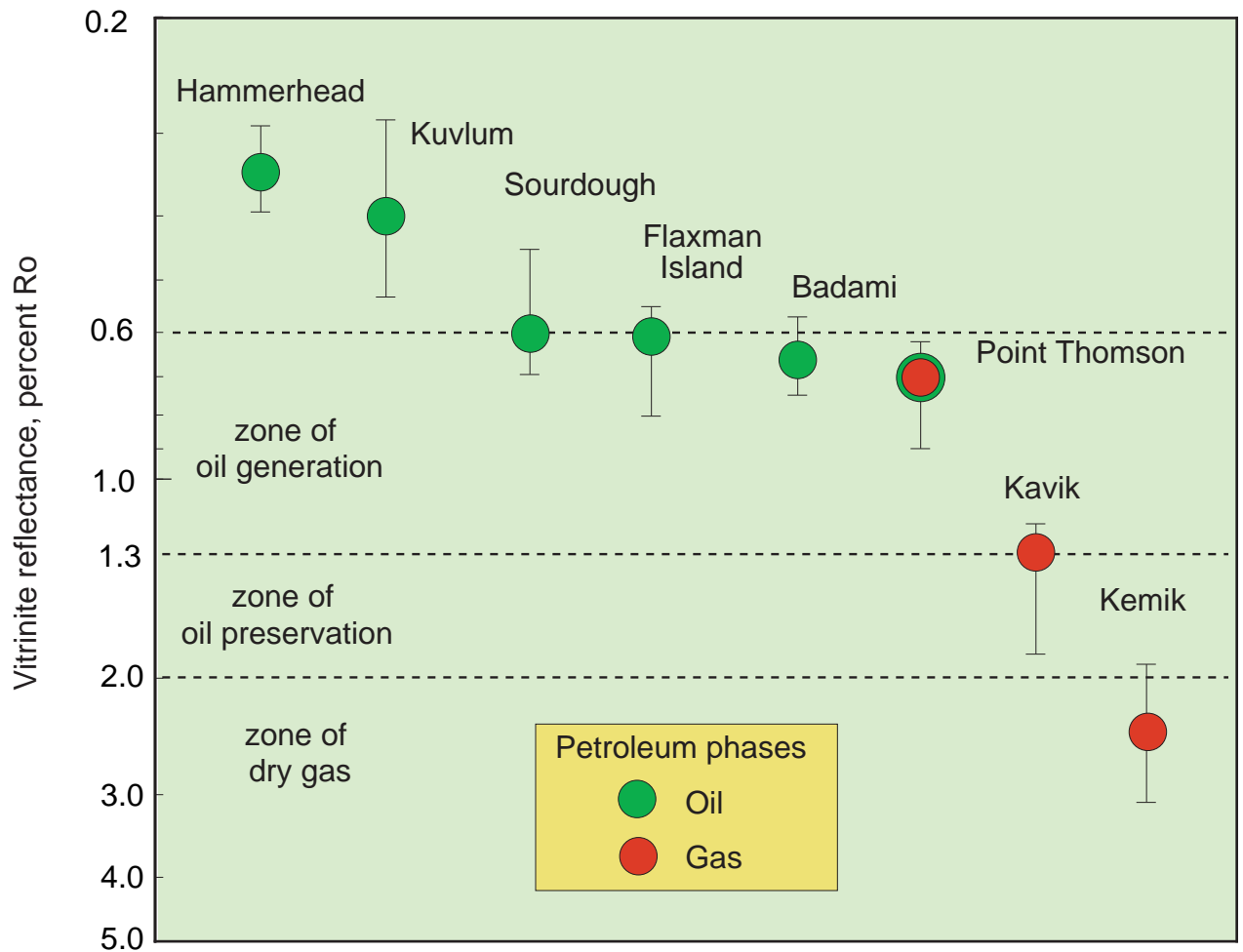
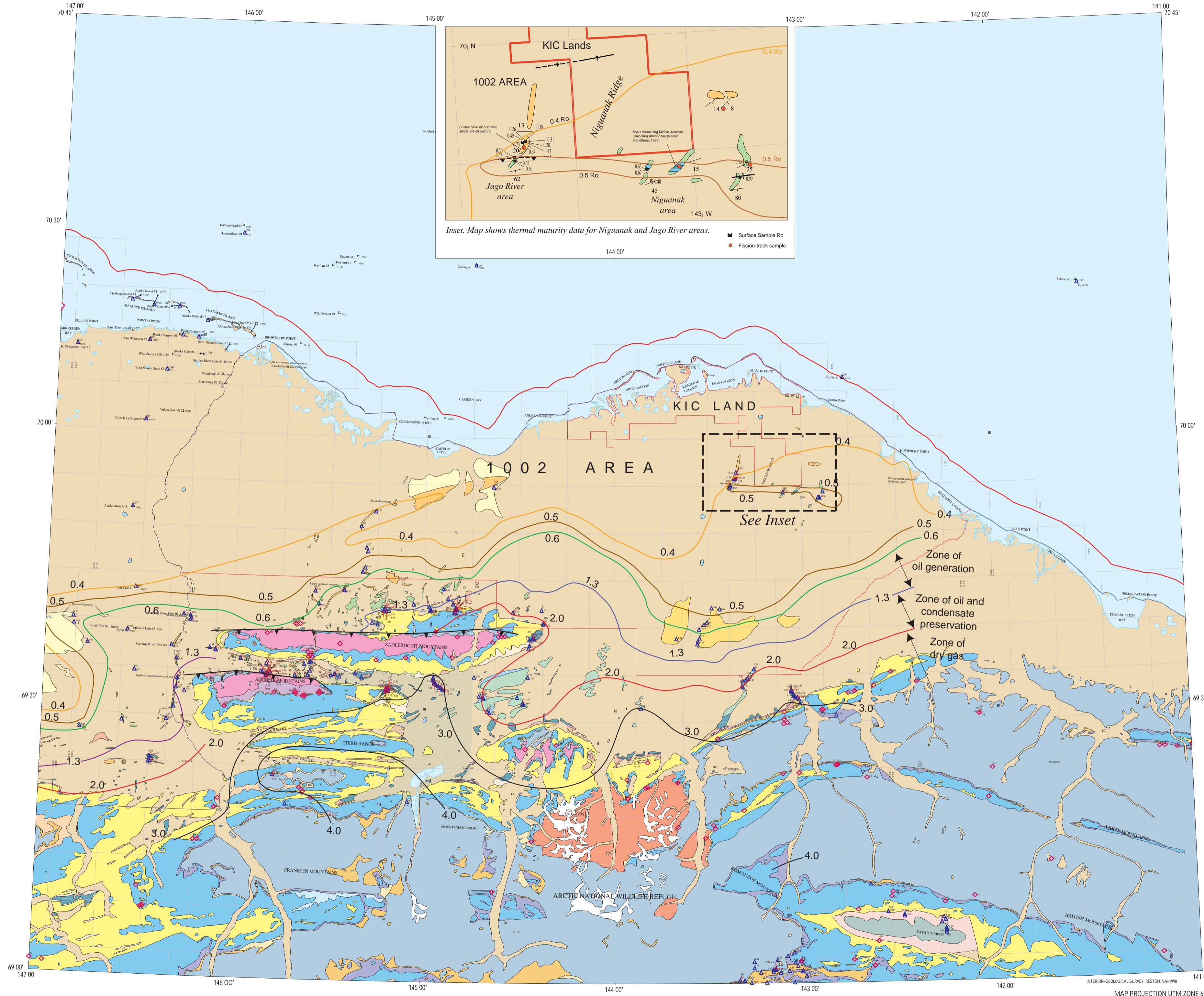


Figure VR15. Plot of oil and gas accumulations near the 1002 area showing the level of thermal maturity in terms of vitrinite reflectance at the reservoir. Vitrinite reflectance values for Badami, Flaxman Island, and Sourdough are estimates based on projections from nearby well control. Dot indicates thermal maturity value based on regression line fit to the data. Error bar indicates the range of vitrinite reflectance values observed in the vicinity of the reservoir. See figure VR2 for location of oil and gas fields.





MAP UNITS

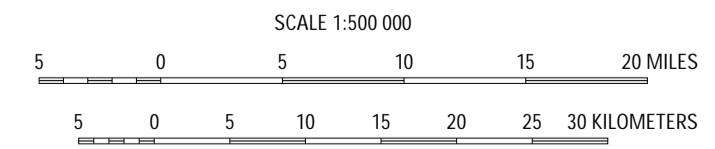
- Os Surficial deposits (Holocene and Pleistocene)
- Tks Sagavanirktok Formation
- Tkc Canning Formation
- TKJ Jago River Formation
- Kh Hue Shale
- Ka Arctic Creek facies
- Kp Pebble Shale unit
- Kb Bath tub Graywacke
- Kk Kongakut Formation
- Kke Kemik Sandstone
- KJs Shale, unnamed (Cretaceous and Jurassic)
- KJk Kingak Shale
- Jtiu Kingak Shale, Shublik Formation, and Karen Creek Sandstone, undivided
- Tk Karen Creek Sandstone
- Ts Shublik Formation
- Tks Karen Creek Sandstone and Shublik Formation, undivided
- Tiu Sedimentary rocks, undivided (Triassic)
- TPs Sadlerochit Group, undivided
- FMI Lisburne Group
- FMik Lisburne Group and Kayak Shale, undivided
- Me Endicott Group, undivided
- Ms Siltstone (Mississippian)
- Mk Kayak Shale
- Mke Kekiktuk Conglomerate
- DZnc Nanook Limestone
- Ek Katakaturuk Dolomite
- pMu Igneous, metamorphic, and sedimentary rocks, undivided (pre-Mississippian)

INTRUSIVE ROCKS

- gf Granite (Devonian?)

SYMBOLS

- Vitritine Reflectance (percent mean R<sub>0</sub> value)
- Conodont Alteration Index (minimum CAI value)
- Well bottom-hole location (measured depth in feet)
- Well surface location



THERMAL MATURITY OF THE 1002 AREA, ALASKA

By  
Kenneth J. Bird, Robert C. Burruss, Mark J. Pawlewicz, and Heather A. Marshall

1998



Table VR-1. Vitrinite Reflectance Data from ANWR Area Outcrops

Quadrangle	North Latitude	West Longitude	Elev (m)	Sample Description	Stratigraphic Age	Rock Unit	Mean Ro (%)	Number of readings n	Source of Data and comments
(Yukon)	69.49583	-140.51666		76AMU 44-1	?	?	3.45		PGS - Record # 990829500600000010
Demarcation Pt C-4	69.54533	-143.33816		97 TM-24	Cretaceous	Arctic Creek facies	1.66	6	PAWLEWICZ: Vitrinite rare, some solid bitumen. Whole rock prep.
Demarcation Pt C-4	69.557	-143.31566		97 TM-25	Cretaceous	Arctic Creek facies	1.76	13	PAWLEWICZ: Fair sample with vitrinite and some bitumen. Whole rock prep.
Demarcation Pt C-4	69.576	-143.274833		97 TM-26A	Cretaceous	Arctic Creek facies	1.89	2	PAWLEWICZ: Poor spl., OM mostly bitumen. Whole rock prep.
Demarcation Pt C-4	69.576	-143.274833		97 TM-26B	Cretaceous	Arctic Creek facies	1.76	23	PAWLEWICZ: OM common and consistently high rank. Whole rock prep.
Mount Michelson	69.69027	-145.56666	335.28	75PS102	Tertiary	Canning Fm	0.45		PGS - Record # 501799501200000030
Mount Michelson	69.69027	-145.56666	335.28	75PS103	Tertiary	Canning Fm	0.44		PGS - Record # 501799501200000020
Mount Michelson	69.69027	-145.56666	335.28	75PS104	Tertiary	Canning Fm	0.47		PGS - Record # 501799501200000010
Mount Michelson	69.56666	-145.60416	609.60	75PS108	Tertiary	Canning Fm	1.75		PGS - Record # 501799501400000020
Mount Michelson	69.56666	-145.60416	609.60	75PS109	Tertiary	Canning Fm	1.79		PGS - Record # 501799501400000010
Mount Michelson	69.55694	-145.45000	609.60	75PS110	Tertiary	Canning Fm	1.79		PGS - Record # 501799501500000010
Mount Michelson	69.71666	-145.43333	304.80	76AMU109	Tertiary	Canning Fm	0.57		PGS - Record # 501799503200000010
Mount Michelson	69.60416	-146.13333	274.32	76AMU28	Tertiary	Canning Fm	0.94		PGS - Record # 501799502500000010
Mount Michelson	69.68333	-144.39166	304.80	76AMU47	Tertiary	Canning Fm	1.41		PGS - Record # 501799502800000010
Mount Michelson	69.55833	-145.61666	609.60	76AMU63	Tertiary	Canning Fm	1.32		PGS - Record # 501799503000000010
Mount Michelson	69.45111	-146.79888	396.24	80AMK21	Tertiary	Canning Fm	0.49		PGS - Record # 501799506700000010
Mount Michelson	69.55777	-145.83333	640.08	80AMK27V@690	Tertiary	Canning Fm	0.80		PGS - Record # 501799506800000070
Mount Michelson	69.55777	-145.83333	640.08	80AMK28A@985	Tertiary	Canning Fm	0.75		PGS - Record # 501799506800000050
Mount Michelson	69.55777	-145.83333	640.08	80AMK28G@1500	Tertiary	Canning Fm	0.76		PGS - Record # 501799506800000030
Mount Michelson	69.56361	-145.86111	640.08	80AMK28K@1755	Tertiary	Canning Fm	0.95		PGS - Record # 501799506800000010
Mount Michelson	69.56666	-146.23500	198.12	80AMK30A	Tertiary	Canning Fm	0.75		PGS - Record # 501799506900000010
Mount Michelson	69.56305	-145.81277	579.12	80AMK34A2100	Tertiary	Canning Fm	0.76		PGS - Record # 501799507000000020
Mount Michelson	69.56305	-145.81555	579.12	80AMK34C2150	Tertiary	Canning Fm	0.75		PGS - Record # 501799507000000010
Mount Michelson	69.71527	-145.43333	280.42	80AMK41C	Tertiary	Canning Fm	0.52		PGS - Record # 501799507200000030
Mount Michelson	69.71527	-145.43333	280.42	80AMK41H	Tertiary	Canning Fm	0.73		PGS - Record # 501799507200000010
Mount Michelson	69.49805	-144.67277	548.64	80AMK44A	Tertiary	Canning Fm	1.82		PGS - Record # 501799507500000020
Mount Michelson	69.49805	-144.67277	548.64	80AMK44B	Tertiary	Canning Fm	2.01		PGS - Record # 501799507500000010
Mount Michelson	69.52361	-144.51666	579.12	80AMK47A	Tertiary	Canning Fm	1.77		PGS - Record # 501799507700000020
Mount Michelson	69.52361	-144.51666	579.12	80AMK47B	Tertiary	Canning Fm	1.76		PGS - Record # 501799507700000010
Mount Michelson	69.56027	-144.46138	472.44	80AMK48A	Tertiary	Canning Fm	1.77		PGS - Record # 501799507800000020
Mount Michelson	69.56027	-144.46138	472.44	80AMK48B	Tertiary	Canning Fm	1.76		PGS - Record # 501799507800000010
Demarcation Point	69.55416	-143.33333	304.80	83AMK32D	Tertiary	Canning Fm	0.93		PGS - Record # 500759506400000010
Mt Michelson (C-4)	69.54666	-146.29800		95FC-O4	Cretaceous	Canning Fm	0.78	2	PAWLEWICZ: no vit., solid bitumen in pores suggests marginal maturity.
Mt Michelson (C-4)	69.54666	-146.29800		95FC-O4B	Cretaceous	Canning Fm	0.72	2	PAWLEWICZ: poor spl., OM rare: reflectance made on one piece of bitumen.
	69.31978	-147.70757		96DH-76	Cretaceous	Canning Fm	1.53	9	PAWLEWICZ: Type III OM rare, bitumen abundant.
	69.75794	-145.32552		96DH-151	Tertiary	Canning Fm	0.45	28	PAWLEWICZ: Unusual sample, no plant structure, abundant bacteria that fluoresce.
Demarcation Pt D-4	69.936	-143.361333		97 TM-2	Tertiary?	Canning Fm	0.8	11	PAWLEWICZ: Vitrinite rare, OM mostly bitumen with two populations (0.4 and 0.8%).
Sagavanirktok	69.4625	-147.11466		95MU-37A	Cretaceous	Canning Fm	0.86	5	PAWLEWICZ: poor spl mostly bitumen
Mt Michelson (C-4)	69.58283	-146.30600		DH95-O1B	Cretaceous	Canning Fm	1.71	3	PAWLEWICZ
Mt Michelson (C-4)	69.5825	-146.30633		DH95-O2	Cretaceous	Canning Fm	0.86	5	PAWLEWICZ
Mt Michelson (C-4)	69.58233	-146.30650		DH95-O3	Cretaceous	Canning Fm	0.75	10	PAWLEWICZ
Mt Michelson (C-4)	69.54666	-146.29800		DH95-O4B	Cretaceous	Canning Fm	0.72	25	PAWLEWICZ
Demarcation Point	69.00583	-143.36083	1828.80	88A-1Q	Devonian	Ds map unit	4.01		USGS [Pawlewicz]
Demarcation Point	69.00583	-143.36083	1828.80	88A-1Z-2	Devonian	Ds map unit	4.01		USGS [Pawlewicz]
Demarcation Point	69.02500	-143.19000	1432.56	89A-103A	Devonian	Ds map unit	4.62		USGS [Pawlewicz]
Demarcation Point	69.02500	-143.19000	1463.04	89A-103B	Devonian	Ds map unit	4.47		USGS [Pawlewicz]
Demarcation Point	69.00583	-143.33667	1645.92	89A-107C	Devonian	Ds map unit	4.17		USGS [Pawlewicz]
Demarcation Point	69.01333	-143.02000	1158.24	90A-112-7.5	Devonian	Ds map unit	4.14		USGS [Pawlewicz]
Demarcation Point	69.02500	-143.17667	1371.60	90A-31.79	Devonian	Ds map unit	4.41		USGS [Pawlewicz]
Demarcation Point	69.02667	-143.17667	1341.12	90A-31A	Devonian	Ds map unit	4.69		USGS [Pawlewicz]
Mount Michelson	69.68333	-144.83666	335.28	80AMU16-2	Permian	Echooka Fm	1.84		PGS - Record # 501799505300000100
Mount Michelson	69.53555	-145.20138		80AMK42A	Permian-Triassic	Fire Creek Mbr	1.69		PGS - Record # 501799507300000010
Sagavanirktok	69.16778	-147.78500		89RR20-1826	Cretaceous	Gilead Ck Ss	1.25		Reifenstuhl, 1990
Sagavanirktok	69.16111	-147.80167		89RR20-2722	Cretaceous	Gilead Ck Ss	1.26		Reifenstuhl, 1990
Sagavanirktok	69.17250	-147.71528		89RR20-285	Cretaceous	Gilead Ck Ss	1.34		Reifenstuhl, 1990
Sagavanirktok	69.17111	-147.71528		89RR20-500	Cretaceous	Gilead Ck Ss	1.30		Reifenstuhl, 1990
Demarcation Point	69.92500	-143.36666	60.96	75PS113 [Jago R. Sect]	Cretaceous	Hue Shale	0.49		PGS - Record # 500759501600000020
Demarcation Point	69.92500	-143.36666	60.96	75PS114 [Jago R. Sect]	Cretaceous	Hue Shale	0.43		PGS - Record # 500759501600000010
Demarcation Point	69.92500	-143.36666	60.96	75PS85 [Jago R Sect]	Cretaceous	Hue Shale	0.31		PGS - Record # 500759501000000010
Demarcation Point	69.92500	-143.36666	60.96	75PS86 [Jago R Sect]	Cretaceous	Hue Shale	0.34		PGS - Record # 500759501100000010
Demarcation Point	69.92500	-143.36666	60.96	75PS87 [Jago R Sect]	Cretaceous	Hue Shale	0.26		PGS - Record # 500759501200000010
Demarcation Point	69.92500	-143.36666	60.96	75PS88 [Jago R. Sect]	Cretaceous	Hue Shale	0.28		PGS - Record # 500759501300000010
Demarcation Point	69.92500	-143.36666	60.96	75PS89 [Jago R Sect]	Cretaceous	Hue Shale	0.38		PGS - Record # 500759501400000010
Mount Michelson	69.72083	-144.90833	426.72	76AMU17	Cretaceous	Hue Shale	0.76		PGS - Record # 501799502000000020
Mount Michelson	69.72083	-144.90833	426.72	76AMU17-1	Cretaceous	Hue Shale	0.85		PGS - Record # 501799502000000010
Mount Michelson	69.69166	-145.06666	487.68	76AMU21	Cretaceous	Hue Shale	1.07		PGS - Record # 501799502200000020
Mount Michelson	69.55777	-145.83333	640.08	80AMK27I@290	Cretaceous	Hue Shale	0.93		PGS - Record # 5017995068000000110
Mount Michelson	69.55777	-145.83333	640.08	80AMK27M@461	Cretaceous	Hue Shale	0.96		PGS - Record # 5017995068000000090



Quadrangle	North Latitude	West Longitude	Elev (m)	Sample Description	Stratigraphic Age	Rock Unit	Mean Ro (%)	readings n	Source of Data and comments
Mount Michelson	69.55888	-145.83638	640.08	80AMK28Q@215	Cretaceous	Hue Shale	0.75		PGS - Record # 501799506800000140
Demarcation Point	69.91111	-143.39111	68.58	80AMK70A	Cretaceous	Hue Shale	0.63		PGS - Record # 500759505700000030
Demarcation Point	69.91111	-143.39111	68.58	80AMK70C	Cretaceous	Hue Shale	0.66		PGS - Record # 500759505700000010
Mount Michelson	69.55777	-145.83333	640.08	82AMK18K @212	Cretaceous	Hue Shale	1.03		PGS - Record # 501799506800000260
Mount Michelson	69.55777	-145.83333	640.08	82AMK47E @252	Cretaceous	Hue Shale	1.06		PGS - Record # 501799506800000500
Mount Michelson	69.55777	-145.83333	640.08	82AMK47R @462	Cretaceous	Hue Shale	1.15		PGS - Record # 501799506800000440
Mount Michelson	69.55777	-145.83333	640.08	82AMK47W @600	Cretaceous	Hue Shale	1.11		PGS - Record # 501799506800000400
Demarcation Point	69.54305	-143.33333	304.80	83AMK17A	Cretaceous	Hue Shale	1.81		PGS - Record # 500759507500000030
Demarcation Point	69.54305	-143.33333	304.80	83AMK17C	Cretaceous	Hue Shale	1.99		PGS - Record # 500759507500000010
Demarcation Point	69.91388	-143.39166	60.96	83AMK20B	Cretaceous	Hue Shale	0.50		PGS - Record # 500759507700000050
Demarcation Point	69.91388	-143.39166	60.96	83AMK20F	Cretaceous	Hue Shale	0.63		PGS - Record # 500759507700000010
Demarcation Point	69.90000	-142.90000	60.96	83AMK7	Cretaceous	Hue Shale	0.75		PGS - Record # 500759506800000010
Demarcation Point	69.88888	-142.91666	60.96	83AMK8E	Cretaceous	Hue Shale	0.99		PGS - Record # 500759506900000030
Mt Michelson (B-5)	69.4665	-146.58066		95FC-O2B	Cretaceous	Hue Shale	1.01	1	PAWLEWICZ: no vit.; solid bitumen suggests mid-mature range
Mt Michelson (C-4)	69.52966	-146.30283		95FC-O3E	Cretaceous	Hue Shale	1.12	2	PAWLEWICZ: poor spl., solid bitumen common but degraded.
Mt Michelson (C-4)	69.55555	-145.83333		95FC-2O	Cretaceous	Hue Shale			PAWLEWICZ: no vit., but low maturity solid bitumen is present.
Sagavanirktok	69.36583	-147.12700		95MU-41B	Cretaceous	Hue Shale		0	PAWLEWICZ: no good vit; most OM is solid bitumen.
Demarcation Pt D-4	69.31417	-147.69836		96DH-74	Cretaceous	Hue Shale	1.78	5	PAWLEWICZ: Type III OM rare, probably solid bitumen.
Demarcation Pt D-4	69.908	-143.39566		97 TM-1	Cretaceous	Hue Shale			PAWLEWICZ: OM all degraded bitumen. Whole rock spl.
Demarcation Pt D-4	69.8895	-142.9235		97 TM-3	Cretaceous	Hue Shale			PAWLEWICZ: OM all degraded bitumen. Whole rock spl.
Mount Michelson (C-1)	69.63095	-144.43323		96DH-11	Triassic	Ivishak Fm.			PAWLEWICZ: Nothing measurable.
Demarcation Point	69.62750	-143.56888	228.60	80AMK58 (2370-2490)	Tertiary	Jago Fm	0.55		PGS - Record # 500759504900000010
Demarcation Point	69.64916	-143.56166	205.74	80AMK59 (4620-4680)	Tertiary	Jago Fm	0.54		PGS - Record # 500759505000000010
Demarcation Point	69.65750	-143.53555	228.60	80AMK60 (6210-6330)	Tertiary	Jago Fm	0.55		PGS - Record # 500759505100000010
Demarcation Point	69.66194	-143.51888	228.60	80AMK62 (6780-6850)	Tertiary	Jago Fm	0.55		PGS - Record # 500759505200000010
Demarcation Point	69.68638	-143.45277	175.26	80AMK64 (9130-9200)	Tertiary	Jago Fm	0.56		PGS - Record # 500759505300000010
Demarcation Point	69.63305	-143.55944	228.60	80AMK65 (3310-3500)	Tertiary	Jago Fm	0.72		PGS - Record # 500759505400000010
Demarcation Point	69.62222	-143.57111	243.84	80AMK66A (530-610)	Tertiary	Jago Fm	0.73		PGS - Record # 500759505500000010
	69.63194	-143.68111		96DH-104	Tertiary	Jago Fm	1.17	25	PAWLEWICZ: Abundant vitrinite.
	69.6875	-143.49528		96DH-116	Tertiary	Jago Fm	0.47	25	PAWLEWICZ: OM abundant
	69.53048	-145.21250		DH95-24	TRASSIC?	Kavik Mbr, Ivishak	2.90	10	PAWLEWICZ
Mt Michelson (C-3)	69.68333	-144.83666	335.28	80AMU16-3	Permian-Triassic	Kavik Mbr, Ivishak	1.87		PGS - Record # 501799505300000090
Mount Michelson	69.67777	-144.84583	548.64	83AMK39D	Permian-Triassic	Kavik Mbr, Ivishak	2.04		PGS - Record # 501799511000000060
Mt Michelson (C-2)	69.67691	-144.85167		DH95-O5	TRASSIC?	Kavik Mbr, Ivishak	1.66	10	PAWLEWICZ
Demarcation Pt C-4	69.52	-143.04033		97 TM-15	Triassic	Kavik Mbr, Ivishak	3.38	3	PAWLEWICZ: Little OM of any type. Measurements taken on good vitrinite.
Mount Michelson	69.33055	-145.08333	1036.32	69ADT10	Mississippian	Kayak Shale	4.25		PGS - Record # 501799504600000010
Mount Michelson	69.37500	-145.78611	487.68	75PS64	Mississippian	Kayak Shale	4.01		PGS - Record # 501799500700000070
Mount Michelson	69.37500	-145.78611	487.68	75PS65	Mississippian	Kayak Shale	4.63		PGS - Record # 501799500700000060
Mount Michelson	69.37500	-145.78611	487.68	75PS66	Mississippian	Kayak Shale	0.80		PGS - Record # 501799500700000050
Mount Michelson	69.37500	-145.78611	487.68	75PS67	Mississippian	Kayak Shale	4.63		PGS - Record # 501799500700000040
Mount Michelson	69.37500	-145.78611	487.68	75PS68	Mississippian	Kayak Shale	2.47		PGS - Record # 501799500700000030
Mount Michelson	69.37500	-145.78611	487.68	75PS69	Mississippian	Kayak Shale	2.79		PGS - Record # 501799500700000020
Mount Michelson	69.37500	-145.78611	487.68	75PS70	Mississippian	Kayak Shale	4.65		PGS - Record # 501799500700000010
Demarcation Point	69.49111	-142.84722	472.44	83AMK10D	Mississippian	Kayak Shale	3.21		PGS - Record # 500759507100000010
Demarcation Point	69.18055	-142.68333	975.36	83AMK31C	Mississippian	Kayak Shale	4.00		PGS - Record # 500759508500000010
Demarcation Point	69.02167	-143.19000	1584.96	89A-104A	L. Mississippian	Kayak Shale	3.29		USGS [Pawlewicz]
Demarcation Point	69.02833	-143.28667	1615.44	89A-14D	Mississippian	Kayak Shale	4.18		USGS [Pawlewicz]
Demarcation Point	69.04000	-143.04667	1158.24	89A-33E	L. Mississippian	Kayak Shale	3.80		USGS [Pawlewicz]
Demarcation Point	69.00167	-143.08000	1432.56	90A-103B	Mississippian	Kayak Shale	4.89		USGS [Pawlewicz]
Demarcation Point	69.02167	-143.04000	1066.80	90A-130.47	Mississippian	Kayak Shale	4.88		USGS [Pawlewicz]
Demarcation Point	69.05667	-143.08000	1310.64	90A-24A	Mississippian	Kayak Shale	4.37		USGS [Pawlewicz]
Demarcation Point	69.05000	-143.11500	1493.52	90A-2B	Mississippian	Kayak Shale	4.42		USGS [Pawlewicz]
Demarcation Point	69.02750	-143.17667	1310.64	90A-30B	Mississippian	Kayak Shale	4.44		USGS [Pawlewicz]
Demarcation Point	69.00167	-143.22333	1676.40	90A-59A	Mississippian	Kayak Shale	4.57		USGS [Pawlewicz]
Mt Michelson (B-3)	69.32166	-145.71660		95FC-O8	Mississippian	Kayak Shale	3.32	7	PAWLEWICZ
Mt Michelson (B-3)	69.32166	-145.71660		95FC-O9	Mississippian	Kayak Shale	4.44	3	PAWLEWICZ
	69.65927	-144.38125		96DH-96	Early Cretaceous	Kemik Ss	2.72	21	PAWLEWICZ: OM is high-rank bitumen; no type III OM observed.
	69.65927	-144.38125		96DH-97	Early Cretaceous	Kemik Ss	2.06	5	PAWLEWICZ: Type III OM rare, bitumen more common.
	69.68025	-144.97396		96DH-131	Early Cretaceous	Kemik Ss	1.86	9	PAWLEWICZ: OM uncommon but consistent. Both bitumen & vitrinite present.
Sagavanirktok	69.31194	-147.67361		89MR19C	Hauterivian	Kemik Ss	1.11		Reifenstuhl, 1990
Mt Michelson (C-2)	69.53215	-145.19350		DH95-38	Jura-Cretaceous	Kingak Shale	3.04	15	PAWLEWICZ
Mt Michelson (C-2)	69.53333	-145.19342		DH95-40	Jura-Cretaceous	Kingak Shale			PAWLEWICZ: no vit., OM, probably bitumen, is very high rank
Mt Michelson (C-2)	69.68515	-144.84333		DH95-13	Jura-Cretaceous	Kingak (?)	1.75	6	PAWLEWICZ
Mt Michelson (C-2)	69.68658	-144.84267		DH95-15	Jura-Cretaceous	Kingak (?)			PAWLEWICZ, mostly indistinguishable OM, nothing measurable
Sagavanirktok	69.19583	-147.61083		89MR16B	Jurassic	Kingak Shale	2.12		Reifenstuhl, 1990
Sagavanirktok	69.17611	-147.71306		89RR19A	Jurassic	Kingak Shale	1.43		Reifenstuhl, 1990
Mount Michelson	69.53750	-145.19305	792.48	75PS53	Jurassic	Kingak Shale	3.01		PGS - Record # 501799506200000110
Mount Michelson	69.53750	-145.19305	792.48	75PS54	Jurassic	Kingak Shale	2.30		PGS - Record # 501799506200000100
Mount Michelson	69.53750	-145.19305	792.48	75PS55	Jurassic	Kingak Shale	2.68		PGS - Record # 501799506200000090
Mount Michelson	69.53750	-145.19305	792.48	75PS57	Jurassic	Kingak Shale	2.79		PGS - Record # 501799506200000070
Mount Michelson	69.53750	-145.19305	792.48	75PS58	Jurassic	Kingak Shale	2.92		PGS - Record # 501799506200000060
Mount Michelson	69.53750	-145.19305	792.48	75PS59	Jurassic	Kingak Shale	2.67		PGS - Record # 501799506200000050

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Mount Michelson	69.53750	-145.19305	792.48	75PS60	Jurassic	Kingak Shale	2.36		PGS - Record # 501799506200000040
Mount Michelson	69.53750	-145.19305	792.48	75PS61	Jurassic	Kingak Shale	2.19		PGS - Record # 501799506200000030
Mount Michelson	69.53750	-145.19305	792.48	75PS62	Jurassic	Kingak Shale	2.70		PGS - Record # 501799506200000020
Mount Michelson	69.53750	-145.19305	792.48	75PS63	Jurassic	Kingak Shale	1.56		PGS - Record # 501799506200000010
Mount Michelson	69.67916	-144.54166	487.68	76AMU4	Jurassic	Kingak Shale	1.72		PGS - Record # 501799501700000040
Mount Michelson	69.65833	-144.38333	304.80	76AMU48	Jurassic	Kingak Shale	1.89		PGS - Record # 501799502900000010
Mount Michelson	69.67916	-144.54166	457.20	76AMU8	Jurassic	Kingak Shale	2.88		PGS - Record # 501799501800000010
Mount Michelson	69.40166	-146.42888	573.02	80AMK10A	Jurassic	Kingak Shale	1.71		PGS - Record # 501799505800000070
Mount Michelson	69.40055	-146.43111	588.26	80AMK10E	Jurassic	Kingak Shale	1.29		PGS - Record # 501799505800000050
Mount Michelson	69.47111	-146.34861	365.76	80AMK12A	Jurassic	Kingak Shale	1.29		PGS - Record # 501799506500000030
Mount Michelson	69.47111	-146.34861	365.76	80AMK12E	Jurassic	Kingak Shale	0.76		PGS - Record # 501799506500000010
Mount Michelson	69.49555	-144.66194	548.64	80AMK45A	Jurassic	Kingak Shale	2.11		PGS - Record # 501799507600000020
Mount Michelson	69.49555	-144.66194	548.64	80AMK45B	Jurassic	Kingak Shale	1.76		PGS - Record # 501799507600000010
Demarcation Point	69.52638	-143.06500	304.80	80AMK56A	Jurassic	Kingak Shale	2.05		PGS - Record # 500759504700000020
Demarcation Point	69.52638	-143.06500	304.80	80AMK56B	Jurassic	Kingak Shale	1.84		PGS - Record # 500759504700000010
Demarcation Point	69.53305	-143.07472	304.80	80AMK57A	Jurassic	Kingak Shale	1.90		PGS - Record # 500759504800000020
Demarcation Point	69.53305	-143.07472	304.80	80AMK57B	Jurassic	Kingak Shale	2.15		PGS - Record # 500759504800000010
Mount Michelson	69.57833	-145.63500		80AMU13-0	Jurassic	Kingak Shale	1.15		PGS - Record # 501799505000000010
Mount Michelson	69.55666	-145.33333	853.44	80AMU15-2	Jurassic	Kingak Shale	1.44		PGS - Record # 501799505200000010
Mount Michelson	69.69333	-144.85833	609.60	80AMU20-1	Jurassic	Kingak Shale	1.37		PGS - Record # 501799505400000010
Mount Michelson	69.68500	-144.84333	609.60	80AMU24	Jurassic	Kingak Shale	1.65		PGS - Record # 501799505700000010
Mount Michelson	69.69416	-144.84666	548.64	80AMU26	Jurassic	Kingak Shale	1.73		PGS - Record # 501799506000000010
Yukon Territory	67.41666	-140.88333		80ATR14	Jurassic	Kingak Shale	3.98		PGS - Record # 990829500700000010
Sagavanirktok	69.20333	-147.85166	457.20	82AMK38	Jurassic	Kingak Shale	1.98		PGS - Record # 502239502600000010
Mount Michelson	69.55638	-145.83333	640.08	82AMK48B @-65	Jurassic	Kingak Shale	1.39		PGS - Record # 501799506800000050
Mount Michelson	69.55972	-144.74305	731.52	82AMK49	Jurassic	Kingak Shale	1.09		PGS - Record # 501799509500000010
Mount Michelson	69.53500	-145.20416	716.28	82AMK730	Jurassic	Kingak Shale	2.79		PGS - Record # 501799507400000040
Mount Michelson	69.39305	-146.42500	670.56	82AMK80B	Jurassic	Kingak Shale	2.21		PGS - Record # 501799510200000010
Demarcation Point	69.52333	-143.05000	350.52	83AMK13C	Jurassic	Kingak Shale	3.03		PGS - Record # 500759507300000050
Demarcation Point	69.52333	-143.05000	350.52	83AMK13G	Jurassic	Kingak Shale	2.81		PGS - Record # 500759507300000010
Demarcation Point	69.53611	-143.08333	304.80	83AMK15A	Jurassic	Kingak Shale	2.90		PGS - Record # 500759507400000020
Sagavanirktok	69.19583	-147.61083		89MR16B	Jurassic	Kingak Shale	2.12		Reifenstuhl, in prep.
Mt Michelson C-2	69.55399	-144.95625		83AMK-52E (Dodo Cr)	Jurassic	Kingak Shale	3.25	5	PAWLEWICZ: Very few pieces of type III OM, mostly solid bitumen.
Mt Michelson C-2	69.55195	-144.95416		83AMK-52G (Dodo Cr)	Jurassic	Kingak Shale	3.11	11	PAWLEWICZ: Some type III OM with some solid bitumen.
Mt Michelson C-2	69.54976	-144.95041		83AMK-52I (Dodo Cr)	Jurassic	Kingak Shale	3.16	10	PAWLEWICZ: Some type III OM with some solid bitumen.
Mt Michelson C-2	69.54859	-144.95200		83AMK-52K (Dodo Cr)	Jurassic	Kingak Shale	3.24	8	PAWLEWICZ: Several good pieces type III OM with some solid bitumen.
Mt Michelson C-2	69.54670	-144.94916		83AMK-52L (Dodo Cr)	Jurassic	Kingak Shale	3.39	7	PAWLEWICZ: Several good pieces type III OM with some solid bitumen.
Mt Michelson C-2	69.54524	-144.94166		83AMK-52M (Dodo Cr)	Jurassic	Kingak Shale	4.26	2	PAWLEWICZ: Some type III OM present, but mostly recycled material.
Mt Michelson C-2	69.54305	-144.92958		83AMK-52N (Dodo Cr)	Jurassic	Kingak Shale	3.31	11	PAWLEWICZ: Several good pieces type III OM with some solid bitumen.
Mt Michelson C-2	69.54013	-144.92458		83AMK-52O (Dodo Cr)	Jurassic	Kingak Shale	2.99	3	PAWLEWICZ: Several good pieces type III OM with some solid bitumen.
Mt Michelson C-2	69.54013	-144.91583		83AMK-52P (Dodo Cr)	Jurassic	Kingak Shale	3.06	2	PAWLEWICZ: Some type III OM with some solid bitumen.
Mt Michelson C-2	69.53750	-144.90958		83AMK-52R (Dodo Cr)	Jurassic	Kingak Shale	3.32	2	PAWLEWICZ: Some type III OM with some solid bitumen.
Mt Michelson C-2	69.53561	-144.90542		83AMK-52T (Dodo Cr)	Jurassic	Kingak Shale	3.05	4	PAWLEWICZ: Some type III OM with some solid bitumen.
Mt Michelson (B-5)	69.39683	-146.41800		95FC-01B	Jurassic	Kingak Shale	2.03	21	PAWLEWICZ
Mt Michelson (C-3)	69.58166	-145.60833		95FC-24	Jurassic	Kingak Shale	1.61	1	PAWLEWICZ: poor spl. based on one reading!
Sagavanirktok	69.391	-147.15000		95MU-40A	Cretaceous	Kingak Shale		0	PAWLEWICZ: OM rare and in poor condition; nothing measureable.
Mount Michelson (C-3)	69.56151	-145.47325		96DH-44	Jurassic	Kingak Shale	1.90	17	PAWLEWICZ: OM sparse, measured pieces are all bitumen.
Mount Michelson (C-3)	69.56151	-145.47325		96DH-46	Jurassic	Kingak Shale	2.01	8	PAWLEWICZ: Almost no OM at all.
Mount Michelson (C-3)	69.55916	-145.49331		96DH-47	Jurassic	Kingak Shale	2.01	2	PAWLEWICZ: Almost no OM at all.
Mount Michelson (C-3)	69.55916	-145.49331		96DH-48	Jurassic	Kingak Shale	1.86	11	PAWLEWICZ: OM is probably solid bitumen, but of consistent maturity.
	69.31218	-147.67331		96DH-55	Jurassic	Kingak Shale	1.55	7	PAWLEWICZ: Only several type III particles and solid bitumen.
	69.31218	-147.67331		96DH-58	Jurassic	Kingak Shale	1.97	12	PAWLEWICZ: OM is probably solid bitumen, but of consistent maturity.
	69.34325	-147.20399		96DH-80	Jurassic	Kingak Shale	1.84	23	PAWLEWICZ: Vitrinite common.
	69.6929	-144.85833		96DH-98	Jurassic	Kingak Shale			PAWLEWICZ: No OM of measureable size.
Demarcation Pt C-4	69.5245	-143.0615		97 TM-16	Jurassic	Kingak Shale			PAWLEWICZ: OM rare, all recycled or too small to identify.
Demarcation Pt C-4	69.52633	-143.06966		97 TM-17	Jurassic	Kingak Shale	2.43	3	PAWLEWICZ: Vitrinite rare.
Demarcation Pt C-4	69.53416	-143.078833		97 TM-18	Jurassic	Kingak Shale	3.13	1	PAWLEWICZ: Vitrinite rare.
Demarcation Pt C-4	69.53466	-143.08		97 TM-19	Jurassic	Kingak Shale	2.33	15	PAWLEWICZ: OM may be solid bitumen; hard to tell at high rank. Whole rock prep.
	69.34325	-147.20399		96DH-78	Jurassic	Kingak Shale?	1.92	3	PAWLEWICZ: Type III OM rare, probably solid bitumen.
Mt Michelson (C-2)	69.68311	-144.84167		DH95-10	Early Cretaceous	Kingak, Pebble, or Hue			PAWLEWICZ, no vitrinite, only small pieces of solid bitumen
Mt Michelson (C-2)	69.6839	-144.84250		DH95-11	Early Cretaceous	Kingak, Pebble, or Hue	1.72	7	PAWLEWICZ
Demarcation Point	69.04333	-143.16833	1554.48	88A-15B	Cambro-Ordovician	OCcp map unit	2.30		USGS [Pawlewicz]
Mount Michelson	69.65694	-145.28333	457.20	75PS101	Early Cretaceous	Pebble Sh Unit	1.22		PGS - Record # 501799501100000010
Mount Michelson	69.68333	-145.21666	548.64	75PS90	Early Cretaceous	Pebble Sh Unit	1.29		PGS - Record # 501799501000000090
Mount Michelson	69.68333	-145.21666	548.64	75PS91	Early Cretaceous	Pebble Sh Unit	1.30		PGS - Record # 501799501000000080
Mount Michelson	69.68333	-145.21666	548.64	75PS92	Early Cretaceous	Pebble Sh Unit	1.27		PGS - Record # 501799501000000070
Mount Michelson	69.68333	-145.21666	548.64	75PS93	Early Cretaceous	Pebble Sh Unit	1.34		PGS - Record # 501799501000000060
Mount Michelson	69.68333	-145.21666	548.64	75PS94	Early Cretaceous	Pebble Sh Unit	1.33		PGS - Record # 501799501000000050
Mount Michelson	69.68333	-145.21666	548.64	75PS95	Early Cretaceous	Pebble Sh Unit	1.33		PGS - Record # 501799501000000040
Mount Michelson	69.68333	-145.21666	548.64	75PS96	Early Cretaceous	Pebble Sh Unit	1.09		PGS - Record # 501799501000000030
Mount Michelson	69.68333	-145.21666	548.64	75PS97	Early Cretaceous	Pebble Sh Unit	0.91		PGS - Record # 501799501000000020
Mount Michelson	69.68333	-145.21666	548.64	75PS98	Early Cretaceous	Pebble Sh Unit	1.02		PGS - Record # 501799501000000010

Quadrangle	North Latitude	West Longitude	Elev (m)	Sample Description	Stratigraphic Age	Rock Unit	Mean Ro (%)	readings n	Source of Data and comments
Demarcation Point	69.50416	-143.86666	548.64	76AMU105	Early Cretaceous	Pebble Sh Unit	3.06		PGS - Record # 500759502000000010
Mount Michelson	69.68750	-144.98333	487.68	76AMU18	Early Cretaceous	Pebble Sh Unit	1.66		PGS - Record # 501799502100000010
Mount Michelson	69.67916	-145.22500	426.72	76AMU24-1	Early Cretaceous	Pebble Sh Unit	1.26		PGS - Record # 501799502300000030
Mount Michelson	69.67916	-145.22500	426.72	76AMU24-2	Early Cretaceous	Pebble Sh Unit	1.14		PGS - Record # 501799502300000020
Mount Michelson	69.67916	-145.22500	426.72	76AMU24-3	Early Cretaceous	Pebble Sh Unit	1.42		PGS - Record # 501799502300000010
Mount Michelson	69.65416	-145.25416	487.68	76AMU26	Early Cretaceous	Pebble Sh Unit	1.64		PGS - Record # 501799502400000010
Mount Michelson	69.60000	-146.10000	304.80	76AMU29-2	Early Cretaceous	Pebble Sh Unit	1.36		PGS - Record # 501799502600000010
Mount Michelson	69.56250	-145.85416	640.08	76AMU31-2	Early Cretaceous	Pebble Sh Unit	0.51		PGS - Record # 501799502700000010
Mount Michelson	69.67916	-144.54166	487.68	76AMU4-1	Early Cretaceous	Pebble Sh Unit	1.63		PGS - Record # 501799501700000030
Mount Michelson	69.67916	-144.54166	487.68	76AMU4-2	Early Cretaceous	Pebble Sh Unit	1.77		PGS - Record # 501799501700000020
Mount Michelson	69.39166	-146.43305	624.84	80AMK10K	Early Cretaceous	Pebble Sh Unit	1.30		PGS - Record # 501799505800000030
Mount Michelson	69.39166	-146.43416	640.08	80AMK10N	Early Cretaceous	Pebble Sh Unit	1.29		PGS - Record # 501799505800000010
Mount Michelson	69.49444	-146.31305	289.56	80AMK18A	Early Cretaceous	Pebble Sh Unit	0.76		PGS - Record # 501799506600000030
Mount Michelson	69.55777	-145.83333	640.08	80AMK27A@11	Early Cretaceous	Pebble Sh Unit	0.95		PGS - Record # 501799506800000180
Mount Michelson	69.55777	-145.83333	640.08	80AMK27E@139	Early Cretaceous	Pebble Sh Unit	0.95		PGS - Record # 501799506800000160
Mount Michelson	69.68111	-144.97916	548.64	80AMK38C	Early Cretaceous	Pebble Sh Unit	0.95		PGS - Record # 501799507100000010
Mount Michelson	69.63055	-144.42777	335.28	80AMK49E	Early Cretaceous	Pebble Sh Unit	1.76		PGS - Record # 501799507900000010
Demarcation Point	69.11277	-142.30277	944.88	80AMK53A	Early Cretaceous	Pebble Sh Unit	1.69		PGS - Record # 500759504500000030
Demarcation Point	69.11333	-142.30277	899.16	80AMK53C	Early Cretaceous	Pebble Sh Unit	1.81		PGS - Record # 500759504500000010
Demarcation Point	69.10833	-142.32166	1158.24	80AMK54A	Early Cretaceous	Pebble Sh Unit	1.81		PGS - Record # 500759504600000030
Demarcation Point	69.10833	-142.32166	1158.24	80AMK54C	Early Cretaceous	Pebble Sh Unit	1.78		PGS - Record # 500759504600000010
Demarcation Point	69.89916	-143.11277	76.20	80AMK69A	Early Cretaceous	Pebble Sh Unit	0.63		PGS - Record # 500759505600000020
Demarcation Point	69.89916	-143.11277	76.20	80AMK69B	Early Cretaceous	Pebble Sh Unit	0.67		PGS - Record # 500759505600000010
Mount Michelson	69.51111	-144.48250	704.09	80AMK73B	Early Cretaceous	Pebble Sh Unit	1.77		PGS - Record # 501799508000000020
Mount Michelson	69.51111	-144.48250	704.09	80AMK73C	Early Cretaceous	Pebble Sh Unit	1.78		PGS - Record # 501799508000000010
Mount Michelson	69.51194	-144.48861	685.80	80AMK74	Early Cretaceous	Pebble Sh Unit	1.77		PGS - Record # 501799508100000010
Mount Michelson	69.51305	-144.48722	685.80	80AMK75	Early Cretaceous	Pebble Sh Unit	1.76		PGS - Record # 501799508200000010
Demarcation Point	69.09694	-142.29944	1493.52	80AMK79A	Early Cretaceous	Pebble Sh Unit	1.70		PGS - Record # 500759505900000010
Demarcation Point	69.09444	-142.29944	1432.56	80AMK79B	Early Cretaceous	Pebble Sh Unit	1.30		PGS - Record # 500759506000000010
Demarcation Point	69.09166	-142.29944	1371.60	80AMK79C	Early Cretaceous	Pebble Sh Unit	1.68		PGS - Record # 500759506100000010
Demarcation Point	69.08888	-142.29944	1219.20	80AMK79E	Early Cretaceous	Pebble Sh Unit	1.88		PGS - Record # 500759506200000010
Mount Michelson	69.52166	-144.69222	624.84	80AMK82A	Early Cretaceous	Pebble Sh Unit	1.72		PGS - Record # 501799508300000040
Mount Michelson	69.52333	-144.69583	609.60	80AMK82C	Early Cretaceous	Pebble Sh Unit	1.73		PGS - Record # 501799508300000020
Mount Michelson	69.52416	-144.69750	579.12	80AMK82D	Early Cretaceous	Pebble Sh Unit	1.82		PGS - Record # 501799508300000010
Mount Michelson	69.57833	-145.83333	548.64	80AMU11-2	Early Cretaceous	Pebble Sh Unit	1.04		PGS - Record # 501799504900000010
Mount Michelson	69.68333	-144.83666	335.28	80AMU16-17	Early Cretaceous	Pebble Sh Unit	1.63		PGS - Record # 501799505300000030
Mount Michelson	69.68333	-144.83666	335.28	80AMU16-18	Early Cretaceous	Pebble Sh Unit	1.75		PGS - Record # 501799505300000020
Mount Michelson	69.68333	-144.83666	335.28	80AMU16-18A	Early Cretaceous	Pebble Sh Unit	1.64		PGS - Record # 501799505300000010
Mount Michelson	69.68333	-144.83666	335.28	80AMU16-4	Early Cretaceous	Pebble Sh Unit	1.81		PGS - Record # 501799505300000080
Mount Michelson	69.68333	-144.83666	335.28	80AMU16-5	Early Cretaceous	Pebble Sh Unit	1.78		PGS - Record # 501799505300000070
Mount Michelson	69.68333	-144.83666	335.28	80AMU16-7	Early Cretaceous	Pebble Sh Unit	1.82		PGS - Record # 501799505300000060
Mount Michelson	69.68333	-144.83666	335.28	80AMU16-8	Early Cretaceous	Pebble Sh Unit	1.87		PGS - Record # 501799505300000050
Mount Michelson	69.68333	-144.83666	335.28	80AMU16-9	Early Cretaceous	Pebble Sh Unit	1.61		PGS - Record # 501799505300000040
Mount Michelson	69.70333	-144.88500	457.20	80AMU21	Early Cretaceous	Pebble Sh Unit	1.19		PGS - Record # 501799505600000010
Mount Michelson	69.68333	-144.84666	548.64	80AMU25	Early Cretaceous	Pebble Sh Unit	1.51		PGS - Record # 501799505900000010
Mount Michelson	69.60083	-146.10333	304.80	80AMU7-2	Early Cretaceous	Pebble Sh Unit	1.21		PGS - Record # 501799504700000020
Mount Michelson	69.60083	-146.10333	304.80	80AMU7-4	Early Cretaceous	Pebble Sh Unit	1.23		PGS - Record # 501799504700000010
Mount Michelson	69.55777	-145.83333	640.08	82AMK18B@31	Early Cretaceous	Pebble Sh Unit	1.50		PGS - Record # 501799506800000030
Mount Michelson	69.55777	-145.83333	640.08	82AMK18F@115	Early Cretaceous	Pebble Sh Unit	1.75		PGS - Record # 501799506800000010
Sagavanirktok	69.15000	-147.76666	548.64	82AMK34A	Early Cretaceous	Pebble Sh Unit	1.09		PGS - Record # 502239502400000030
Mount Michelson	69.58555	-145.96944	426.72	82AMK55G@330	Early Cretaceous	Pebble Sh Unit	1.65		PGS - Record # 501799509800000050
Mount Michelson	69.58555	-145.96944	426.72	82AMK55K@541	Early Cretaceous	Pebble Sh Unit	0.95		PGS - Record # 501799509800000020
Mount Michelson	69.52499	-144.71666	548.64	82AMK77	Early Cretaceous	Pebble Sh Unit	2.90		PGS - Record # 501799510000000010
Demarcation Point	69.55833	-143.30833	304.80	83AMK18A	Early Cretaceous	Pebble Sh Unit	2.20		PGS - Record # 500759507600000030
Demarcation Point	69.55833	-143.30833	304.80	83AMK18C	Early Cretaceous	Pebble Sh Unit	2.12		PGS - Record # 500759507600000010
Demarcation Point	69.12916	-142.59583	1280.16	83AMK27B	Early Cretaceous	Pebble Sh Unit	3.07		PGS - Record # 500759508100000060
Demarcation Point	69.12916	-142.59583	1280.16	83AMK27G	Early Cretaceous	Pebble Sh Unit	2.63		PGS - Record # 500759508100000020
Demarcation Point	69.12083	-142.51250	1447.80	83AMK28B	Early Cretaceous	Pebble Sh Unit	2.42		PGS - Record # 500759508200000030
Demarcation Point	69.12361	-142.51250	1341.12	83AMK29A	Early Cretaceous	Pebble Sh Unit	2.81		PGS - Record # 500759508300000040
Mount Michelson	69.67916	-145.20833	487.68	83AMK37	Early Cretaceous	Pebble Sh Unit	1.60		PGS - Record # 501799510900000010
Mount Michelson	69.67916	-145.19583	457.20	83AMK38B	Early Cretaceous	Pebble Sh Unit	1.59		PGS - Record # 501799511000000030
Mount Michelson	69.67777	-144.84583	548.64	83AMK39L	Early Cretaceous	Pebble Sh Unit	2.03		PGS - Record # 501799511100000020
Mount Michelson	69.63194	-144.43750	365.76	83AMK42H	Early Cretaceous	Pebble Sh Unit	2.89		PGS - Record # 501799511300000020
Mt Michelson (C-4)	69.52966	-146.30283		95FC-O3C	Early Cretaceous	Pebble Sh Unit	1.38	7	PAWLEWICZ
Sagavanirktok	69.36583	-147.12700		95MU-41A	Early Cretaceous	Pebble Sh Unit	1.64	2	PAWLEWICZ; small OM particles, probably bitumen.
Mt Michelson (C-3)	69.56143	-145.47500		DH95-41B	Early Cretaceous	Pebble Sh Unit	1.79	4	PAWLEWICZ
Mt Michelson (C-3)	69.678	-145.21833		DH95-49	Early Cretaceous	Pebble Sh Unit	1.35	5	PAWLEWICZ
Mount Michelson (C-1)	69.63095	-144.43323		96DH-3	Early Cretaceous	Pebble Sh Unit	2.58	11	PAWLEWICZ; Sparse OM, believed to be type III.
Mount Michelson (C-1)	69.63095	-144.43323		96DH-17	Early Cretaceous	Pebble Sh Unit	2.58	9	PAWLEWICZ; Almost no OM at all.
Mount Michelson (C-1)	69.63095	-144.43323		96DH-23	Early Cretaceous	Pebble Sh Unit	2.54	5	PAWLEWICZ; Vitrinite rare, bitumen common.
Mount Michelson (C-1)	69.61869	-144.45342		96DH-29	Early Cretaceous	Pebble Sh Unit	2.55	5	PAWLEWICZ; Vitrinite rare, bitumen common.
Mount Michelson (C-1)	69.61328	-144.45889		96DH-89	Early Cretaceous	Pebble Sh Unit?	2.86	19	PAWLEWICZ; OM uncommon but consistent. No bitumen.

Quadrangle	North Latitude	West Longitude	Elev (m)	Sample Description	Stratigraphic Age	Rock Unit	Mean Ro (%)	readings n	Source of Data and comments
Demarcation Point	69.11777	-142.31083	847.34	80AMK81	Permian-Triassic	Sadlerochit Gp	2.24		PGS - Record # 500759506300000010
Mount Michelson	69.68166	-144.97333	548.64	80AMU27-2	Permian-Triassic	Sadlerochit Gp	1.11		PGS - Record # 501799506100000040
Mount Michelson	69.68166	-144.97333	548.64	80AMU27-3	Permian-Triassic	Sadlerochit Gp	1.18		PGS - Record # 501799506100000030
Mt Michelson (C-5)	69.64	-146.85200		95FC-1 3B	Tertiary	Sagavanirktok Fm	0.43	15	PAWLEWICZ
Mt Michelson (C-4)	69.6533	-146.24000		95FC-25	Tertiary	Sagavanirktok Fm	0.50	25	PAWLEWICZ
Mt Michelson (C-4)	69.66166	-146.24000		95FC-26	Tertiary	Sagavanirktok Fm	0.54	25	PAWLEWICZ
Mt Michelson (C-5)	69.60566	-146.77616		95FC-30	Tertiary	Sagavanirktok Fm	0.61	6	PAWLEWICZ
Sagavanirktok	69.3831	148.7106		MJ94AK-11	Tertiary	Sagavanirktok Fm	0.52	51	PAWLEWICZ; Coal sample.
Sagavanirktok	69.3828	148.7169		MJ94AK-8	Tertiary	Sagavanirktok Fm	0.51	51	PAWLEWICZ; Coal sample.
Sagavanirktok	69.58333	-147.79333	182.88	SH1-12-3	Paleocene	Sagavanirktok Fm	0.34		USGS [Roberts]
Sagavanirktok	69.58333	-147.79333	182.88	SH1-12-5	Paleocene	Sagavanirktok Fm	0.33		USGS [Roberts]
Sagavanirktok	69.58333	-147.79333	182.88	SH1-14-3	Paleocene	Sagavanirktok Fm	0.28		USGS [Roberts]
Sagavanirktok	69.58333	-147.79333	182.88	SH1-14-4	Paleocene	Sagavanirktok Fm	0.31		USGS [Roberts]
Sagavanirktok	69.58333	-147.79333	182.88	SH1-16-1	Paleocene	Sagavanirktok Fm	0.33		USGS [Roberts]
Sagavanirktok	69.58333	-147.79333	182.88	SH1-16-4	Paleocene	Sagavanirktok Fm	0.29		USGS [Roberts]
Sagavanirktok	69.58333	-147.79333	182.88	SH1-2-1	Paleocene	Sagavanirktok Fm	0.32		USGS [Roberts]
Sagavanirktok	69.58333	-147.79333	182.88	SH1-4-1	Paleocene	Sagavanirktok Fm	0.31		USGS [Roberts]
Sagavanirktok	69.58333	-147.79333	182.88	SH1-7-1	Paleocene	Sagavanirktok Fm	0.37		USGS [Roberts]
Sagavanirktok	69.58333	-147.79333	182.88	SH1-7-2	Paleocene	Sagavanirktok Fm	0.29		USGS [Roberts]
Sagavanirktok	69.58333	-147.79333	182.88	SH1-9-2	Paleocene	Sagavanirktok Fm	0.30		USGS [Roberts]
Mount Michelson	69.90833	-144.64999	91.44	Tert No.1 Above 84	Tertiary	Sagavanirktok Fm	0.25		PGS - Record # 501799500900000010
Mount Michelson	69.90833	-144.64999	91.44	Tert No.2 Between 83-8	Tertiary	Sagavanirktok Fm	0.25		PGS - Record # 501799500900000020
Sagavanirktok	69.6287	-149.1198		TF94AK 005-1	Tertiary	Sagavanirktok Fm	0.4	9	PAWLEWICZ; Coal sample. Very complex petrographically. Inhomogenous vitrinite.
Sagavanirktok	69.3707	-148.2647		TF94AK 12-7	Tertiary	Sagavanirktok Fm	0.48	35	PAWLEWICZ; Coal sample.
Sagavanirktok	69.3652	-148.266		TF94AK 12-9	Tertiary	Sagavanirktok Fm	0.41	35	PAWLEWICZ; Coal sample.
Sagavanirktok	69.5617	-147.7782		TF94AK 13-SH5	Tertiary	Sagavanirktok Fm	0.47	25	PAWLEWICZ; Coal sample.
Mount Michelson	69.90833	-144.64999	91.44	75PS84	Tertiary	Sagavanirktok Fm	0.24		PGS - Record # 501799500900000030
Mount Michelson	69.75000	-145.33750	243.84	76AMU110	Tertiary	Sagavanirktok Fm	0.50		PGS - Record # 501799503300000010
Mount Michelson	69.78750	-145.31250	518.16	76AMU111	Tertiary	Sagavanirktok Fm	0.32		PGS - Record # 501799503400000010
Mount Michelson	69.65305	-146.85694	228.60	80ACH16B	Tertiary	Sagavanirktok Fm	0.74		PGS - Record # 501799508500000010
Demarcation Point	69.92444	-143.37305	68.58	80AMK71B	Tertiary	Sagavanirktok Fm	0.73		PGS - Record # 500759508500000010
Mount Michelson	69.71333	-145.58638	259.08	80AMK86A	Tertiary	Sagavanirktok Fm	0.75		PGS - Record # 501799508400000020
Mount Michelson	69.71333	-145.58638	259.08	80AMK86C	Tertiary	Sagavanirktok Fm	0.75		PGS - Record # 501799508400000010
Mount Michelson	69.86111	-145.27500	152.40	83AMK33A	Tertiary	Sagavanirktok Fm	1.91		PGS - Record # 501799510600000020
Mount Michelson	69.83333	-145.35000	182.88	83AMK34	Tertiary	Sagavanirktok Fm	0.90		PGS - Record # 501799510700000010
Mount Michelson	69.79444	-145.31944	213.36	83AMK35	Tertiary	Sagavanirktok Fm	0.77		PGS - Record # 501799510800000010
Mt Michelson (C-3)	69.5367	-145.20333		DH95-31	TRIASSIC	Shubliik Fm	2.94		PAWLEWICZ; no vit., only solid bitumen with high reflectance
Mount Michelson	69.58333	-145.60000	548.64	75PS105	M. Triassic	Shubliik Fm	1.55		PGS - Record # 501799501300000030
Mount Michelson	69.58333	-145.60000	548.64	75PS106	M. Triassic	Shubliik Fm	2.25		PGS - Record # 501799501300000020
Mount Michelson	69.56388	-145.36666	365.76	75PS111	M. Triassic	Shubliik Fm	1.64		PGS - Record # 501799501600000010
Mount Michelson	69.56388	-145.36666	365.76	75PS112	M. Triassic	Shubliik Fm	1.75		PGS - Record # 501799501600000010
Mount Michelson	69.56111	-145.82500	609.60	75PS71	M. Triassic	Shubliik Fm	1.81		PGS - Record # 501799500800000010
Mount Michelson	69.56111	-145.82500	609.60	75PS72	M. Triassic	Shubliik Fm	1.94		PGS - Record # 501799500800000010
Mount Michelson	69.56111	-145.82500	609.60	75PS73	M. Triassic	Shubliik Fm	1.24		PGS - Record # 501799500800000090
Mount Michelson	69.56111	-145.82500	609.60	75PS74	M. Triassic	Shubliik Fm	1.53		PGS - Record # 501799500800000080
Mount Michelson	69.56111	-145.82500	609.60	75PS75	M. Triassic	Shubliik Fm	1.80		PGS - Record # 501799500800000070
Mount Michelson	69.56111	-145.82500	609.60	75PS76	M. Triassic	Shubliik Fm	3.02		PGS - Record # 501799500800000060
Mount Michelson	69.56111	-145.82500	609.60	75PS77	M. Triassic	Shubliik Fm	1.53		PGS - Record # 501799500800000050
Mount Michelson	69.56111	-145.82500	609.60	75PS78	M. Triassic	Shubliik Fm	0.98		PGS - Record # 501799500800000040
Mount Michelson	69.56111	-145.82500	609.60	75PS79	M. Triassic	Shubliik Fm	4.56		PGS - Record # 501799500800000030
Mount Michelson	69.56111	-145.82500	609.60	75PS80	M. Triassic	Shubliik Fm	1.39		PGS - Record # 501799500800000020
Mount Michelson	69.56111	-145.82500	609.60	75PS81	M. Triassic	Shubliik Fm	1.36		PGS - Record # 501799500800000010
Mount Michelson	69.62916	-144.45416	365.76	76AMU64-1	M. Triassic	Shubliik Fm	2.07		PGS - Record # 501799503100000010
Mount Michelson	69.53555	-145.20138	716.28	80AMK42C	M. Triassic	Shubliik Fm	1.75		PGS - Record # 501799507400000030
Mount Michelson	69.53555	-145.20138	716.28	80AMK42F	M. Triassic	Shubliik Fm	1.98		PGS - Record # 501799507400000010
Sagavanirktok	69.34166	-147.13333	457.20	82AMK 69B	M. Triassic	Shubliik Fm	2.21		PGS - Record # 502239503300000010
Mount Michelson	69.52388	-146.25972	274.32	82AMK31	M. Triassic	Shubliik Fm	2.35		PGS - Record # 501799509400000010
Mount Michelson	69.55833	-145.68333	487.68	82AMK53A	M. Triassic	Shubliik Fm	2.10		PGS - Record # 501799509700000040
Mount Michelson	69.55833	-145.68333	487.68	82AMK53B	M. Triassic	Shubliik Fm	2.07		PGS - Record # 501799509700000030
Mount Michelson	69.55833	-145.68333	487.68	82AMK53D	M. Triassic	Shubliik Fm	1.87		PGS - Record # 501799509700000010
Mount Michelson	69.58555	-145.96944	426.72	82AMK56A	M. Triassic	Shubliik Fm	1.76		PGS - Record # 501799509800000010
Mount Michelson	69.53750	-145.19305	731.52	82AMK73H	M. Triassic	Shubliik Fm	2.63		PGS - Record # 501799507400000010
Mt Michelson C-2	69.55722	-144.95833		83AMK-52A (Dodo Cr)	Triassic	Shubliik Fm	3.58	1	PAWLEWICZ; no type III OM, only solid bitumen.
Mt Michelson C-2	69.55721	-144.95625		83AMK-52C (Dodo Cr)	Triassic	Shubliik Fm	2.53	18	PAWLEWICZ; OM is present., though good chance much is solid bitumen.
Demarcation Point	69.51250	-143.03666	365.76	83AMK11B	M. Triassic	Shubliik Fm	2.77		PGS - Record # 500759507200000040
Demarcation Point	69.51250	-143.03666	365.76	83AMK11E	M. Triassic	Shubliik Fm	3.14		PGS - Record # 500759507200000010
Mount Michelson (C-1)	69.63095	-144.43323		96DH-13	Triassic	Shubliik Fm			PAWLEWICZ; Almost all recycled type III or solid bitumen.
Mount Michelson (C-1)	69.63095	-144.43323		96DH-22	Triassic	Shubliik Fm	1.71	7	PAWLEWICZ; Vitrinite rare, bitumen common.
Demarcation Pt C-4	69.52333	-143.04783		97 TM-14	Triassic	Shubliik Fm	2.62	15	PAWLEWICZ; Vitrinite uncommon but consistently high rank. Whole rock prep.
Sagavanirktok	69.31611	-147.70361	320.04	80AMK 6	Cretaceous	Torok Fm	1.69		PGS - Record # 502239501600000010
Sagavanirktok	69.55916	-146.52499	228.60	80ACH 17D			0.52		PGS - Record # 502239501900000020
Sagavanirktok	69.55916	-146.52499	228.60	80ACH 17G			0.72		PGS - Record # 502239501900000010

Quadrangle	North Latitude	West Longitude	Elev (m)	Sample Description	Stratigraphic Age	Rock Unit	Mean Ro (%)	readings n	Source of Data and comments
Sagavanirktok	69.34305	-147.20388	457.20	80AMK 1A			1.29		PGS - Record # 502239501300000040
Sagavanirktok	69.34305	-147.20388	457.20	80AMK 1F			1.71		PGS - Record # 502239501300000020
Sagavanirktok	69.31194	-147.67277	320.04	80AMK 3A			1.72		PGS - Record # 502239501400000020
Sagavanirktok	69.31194	-147.67277	320.04	80AMK 3B			0.95		PGS - Record # 502239501400000010
Sagavanirktok	69.36527	-147.12333	411.48	80AMK 8A			0.95		PGS - Record # 502239501700000060
Sagavanirktok	69.36472	-147.12333	411.48	80AMK 8E			0.95		PGS - Record # 502239501700000040
Sagavanirktok	69.36416	-147.12333	411.48	80AMK 8I			1.16		PGS - Record # 502239501700000020
Sagavanirktok	69.39250	-147.14527	396.24	80AMK 9A			1.24		PGS - Record # 502239501800000040
Sagavanirktok	69.39055	-147.14305	396.24	80AMK 9E			1.15		PGS - Record # 502239501800000020
Sagavanirktok	69.55833	-147.08333	304.80	82AMK 62G	Cretaceous		0.36		PGS - Record # 502239503000000020
Sagavanirktok	69.55833	-147.08333	304.80	82AMK 62I	Cretaceous		0.31		PGS - Record # 502239503000000010
Sagavanirktok	69.16166	-147.78333	762.00	82AMK33A	Cretaceous		0.76		PGS - Record # 502239502300000090
Demarcation Point	69.02000	-143.15167	1310.64	88A-10B-2	Mississippian		4.33		USGS [Pawlewicz]
Demarcation Point	69.04000	-143.28667	1615.44	88A-14D			4.50		USGS [Pawlewicz]
Demarcation Point	69.02417	-143.18833	1402.08	88A-44E	Mississippian		4.20		USGS [Pawlewicz]
Demarcation Point	69.00500	-143.33500	1676.40	89A-113B			4.26		USGS [Pawlewicz]
Demarcation Point	69.03167	-143.06333	1371.60	89A-24E	Mississippian		4.29		USGS [Pawlewicz]
Demarcation Point	69.03833	-143.07667	1402.08	89A-43-4			4.34		USGS [Pawlewicz]
Demarcation Point	69.02333	-143.03667	1188.72	89A-47A	Mississippian		3.44		USGS [Pawlewicz]
Demarcation Point	69.02333	-143.10667	1310.64	89A-67F			4.15		USGS [Pawlewicz]
Demarcation Point	69.02333	-143.10667	1371.60	89A-67H			3.72		USGS [Pawlewicz]
Demarcation Point	69.02000	-143.25333	1722.12	89A-77A			4.55		USGS [Pawlewicz]
Demarcation Point	69.02000	-143.25333	1737.36	89A-77B			4.40		USGS [Pawlewicz]
Demarcation Point	69.00167	-143.30167	1584.96	90A-85C			4.03		USGS [Pawlewicz]

Table VR-2. Vitrinite Reflectance Data from Wells adjacent to ANWR

Quadrangle	Well Name	API Number	North Latitude	West Longitude	KB Elev (m)	KB Elev (ft)	Sample Depth (ft)	Sample Depth (m)	Mean Ro (%)	Source of Data
Flaxman Island	East Mikkelsen Bay 1	50-089-20002	70.15194	146.90278	12	39	2370	722	0.39	PGS - Record # 500892000200000016
Flaxman Island	East Mikkelsen Bay 1	50-089-20002	70.15194	146.90278	12	39	2880	878	0.45	PGS - Record # 500892000200000021
Flaxman Island	East Mikkelsen Bay 1	50-089-20002	70.15194	146.90278	12	39	3960	1207	0.47	PGS - Record # 500892000200000030
Flaxman Island	East Mikkelsen Bay 1	50-089-20002	70.15194	146.90278	12	39	5970	1820	0.52	PGS - Record # 500892000200000042
Flaxman Island	East Mikkelsen Bay 1	50-089-20002	70.15194	146.90278	12	39	7030	2143	0.49	PGS - Record # 500892000200000049
Flaxman Island	East Mikkelsen Bay 1	50-089-20002	70.15194	146.90278	12	39	7450	2271	0.43	PGS - Record # 500892000200000055
Flaxman Island	East Mikkelsen Bay 1	50-089-20002	70.15194	146.90278	12	39	7970	2429	0.48	PGS - Record # 500892000200000062
Flaxman Island	East Mikkelsen Bay 1	50-089-20002	70.15194	146.90278	12	39	8450	2576	0.54	PGS - Record # 500892000200000068
Flaxman Island	East Mikkelsen Bay 1	50-089-20002	70.15194	146.90278	12	39	8970	2734	0.51	PGS - Record # 500892000200000073
Flaxman Island	East Mikkelsen Bay 1	50-089-20002	70.15194	146.90278	12	39	9490	2893	0.57	PGS - Record # 500892000200000078
Flaxman Island	East Mikkelsen Bay 1	50-089-20002	70.15194	146.90278	12	39	10030	3057	0.57	PGS - Record # 500892000200000083
Flaxman Island	East Mikkelsen Bay 1	50-089-20002	70.15194	146.90278	12	39	10511	3203	0.61	PGS - Record # 500892000200000089
Flaxman Island	East Mikkelsen Bay 1	50-089-20002	70.15194	146.90278	12	39	10961	3341	0.62	PGS - Record # 500892000200000094
Flaxman Island	East Mikkelsen Bay 1	50-089-20002	70.15194	146.90278	12	39	11461	3493	0.66	PGS - Record # 500892000200000100
Flaxman Island	East Mikkelsen Bay 1	50-089-20002	70.15194	146.90278	12	39	11861	3615	0.78	PGS - Record # 500892000200000105
Flaxman Island	East Mikkelsen Bay 1	50-089-20002	70.15194	146.90278	12	39	12101	3688	0.78	PGS - Record # 500892000200000108
Flaxman Island	East Mikkelsen Bay 1	50-089-20002	70.15194	146.90278	12	39	12571	3831	0.85	PGS - Record # 500892000200000114
Flaxman Island	East Mikkelsen Bay 1	50-089-20002	70.15194	146.90278	12	39	13321	4060	0.85	PGS - Record # 500892000200000123
Flaxman Island	East Mikkelsen Bay 1	50-089-20002	70.15194	146.90278	12	39	13741	4188	0.88	PGS - Record # 500892000200000129
Flaxman Island	East Mikkelsen Bay 1	50-089-20002	70.15194	146.90278	12	39	14181	4322	0.82	PGS - Record # 500892000200000135
Flaxman Island	East Mikkelsen Bay 1	50-089-20002	70.15194	146.90278	12	39	14691	4478	0.87	PGS - Record # 500892000200000141
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	1020	311	0.39	PGS - Record # 500892000400000004
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	1260	384	0.54	PGS - Record # 500892000400000008
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	1410	430	0.43	PGS - Record # 5008920004000000206
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	1500	457	0.41	PGS - Record # 500892000400000012
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	1740	530	0.38	PGS - Record # 500892000400000016
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	2040	622	0.37	PGS - Record # 500892000400000020
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	2220	677	0.40	PGS - Record # 500892000400000022
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	2340	713	0.41	PGS - Record # 5008920004000000212
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	2520	768	0.29	PGS - Record # 500892000400000025
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	2760	841	0.42	PGS - Record # 500892000400000026
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	3030	924	0.40	PGS - Record # 500892000400000029
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	3270	997	0.30	PGS - Record # 500892000400000033
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	3510	1070	0.28	PGS - Record # 500892000400000036
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	3690	1125	0.42	PGS - Record # 5008920004000000224
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	3810	1161	0.34	PGS - Record # 500892000400000039
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	4050	1234	0.33	PGS - Record # 500892000400000041
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	4350	1326	0.44	PGS - Record # 500892000400000045
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	4650	1417	0.38	PGS - Record # 500892000400000048
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	4890	1490	0.33	PGS - Record # 500892000400000051
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	5100	1554	0.43	PGS - Record # 5008920004000000236
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	5370	1637	0.45	PGS - Record # 500892000400000054
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	5610	1710	0.27	PGS - Record # 500892000400000055
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	5820	1774	0.39	PGS - Record # 5008920004000000242
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	5880	1792	0.27	PGS - Record # 500892000400000058
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	6180	1884	0.54	PGS - Record # 500892000400000061
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	6420	1957	0.67	PGS - Record # 500892000400000063
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	6800	2073	0.39	PGS - Record # 500892000400000066
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	6960	2121	0.46	PGS - Record # 5008920004000000254
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	7000	2134	0.37	PGS - Record # 500892000400000070
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	7210	2198	0.39	PGS - Record # 500892000400000074
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	7480	2280	0.52	PGS - Record # 5008920004000000260
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	7540	2298	0.67	PGS - Record # 500892000400000079
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	7760	2365	0.50	PGS - Record # 500892000400000083
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	7920	2414	0.58	PGS - Record # 5008920004000000266
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	8050	2454	0.59	PGS - Record # 500892000400000088
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	8250	2515	0.46	PGS - Record # 500892000400000092
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	8360	2548	0.59	PGS - Record # 5008920004000000272
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	8500	2591	0.44	PGS - Record # 500892000400000097
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	8750	2667	0.46	PGS - Record # 500892000400000102



Quadrangle	Well Name	API Number	North Latitude	West Longitude	KB Elev (m)	KB Elev (ft)	Sample Depth (ft)	Sample Depth (m)	Mean Ro (%)	Source of Data
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	8810	2685	0.53	PGS - Record # 500892000400000278
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	9000	2743	0.47	PGS - Record # 500892000400000107
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	9250	2819	0.60	PGS - Record # 500892000400000112
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	9250	2819	0.56	PGS - Record # 500892000400000284
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	9500	2896	0.49	PGS - Record # 500892000400000117
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	9700	2957	0.57	PGS - Record # 500892000400000290
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	9750	2972	0.46	PGS - Record # 500892000400000122
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	10000	3048	0.51	PGS - Record # 500892000400000127
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	10060	3066	0.58	PGS - Record # 500892000400000295
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	10261	3127	0.41	PGS - Record # 500892000400000132
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	10511	3203	0.48	PGS - Record # 500892000400000137
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	10551	3216	0.56	PGS - Record # 500892000400000301
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	10751	3277	0.62	PGS - Record # 500892000400000142
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	11001	3353	0.58	PGS - Record # 500892000400000307
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	11101	3383	0.56	PGS - Record # 500892000400000147
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	11251	3429	0.48	PGS - Record # 500892000400000150
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	11431	3484	0.69	PGS - Record # 500892000400000313
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	11551	3520	0.50	PGS - Record # 500892000400000155
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	11751	3581	0.42	PGS - Record # 500892000400000159
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	11881	3621	0.69	PGS - Record # 500892000400000319
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	12001	3658	0.63	PGS - Record # 500892000400000163
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	12251	3734	0.65	PGS - Record # 500892000400000167
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	12361	3767	0.68	PGS - Record # 500892000400000325
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	12501	3810	0.41	PGS - Record # 500892000400000172
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	12801	3901	0.52	PGS - Record # 500892000400000178
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	13001	3962	0.42	PGS - Record # 500892000400000182
Flaxman Island	West Staines State 2	50-089-20004	70.11028	146.41611	30	98	13151	4008	0.68	PGS - Record # 500892000400000185
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	1500	457	0.50	PGS - Record # 500892000500000071
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	2310	704	0.46	PGS - Record # 500892000500000072
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	2760	841	0.48	PGS - Record # 500892000500000073
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	3120	951	0.48	PGS - Record # 500892000500000074
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	3510	1070	0.43	PGS - Record # 500892000500000075
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	3990	1216	0.35	PGS - Record # 500892000500000076
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	4500	1372	0.45	PGS - Record # 500892000500000077
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	5010	1527	0.45	PGS - Record # 500892000500000078
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	5430	1655	0.43	PGS - Record # 500892000500000079
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	5805	1769	0.51	PGS - Record # 500892000500000080
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	6180	1884	0.44	PGS - Record # 500892000500000081
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	6645	2025	0.45	PGS - Record # 500892000500000082
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	7060	2152	0.52	PGS - Record # 500892000500000083
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	8190	2496	0.50	PGS - Record # 500892000500000084
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	8580	2615	0.55	PGS - Record # 500892000500000085
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	8850	2697	0.50	PGS - Record # 500892000500000086
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	9130	2783	0.51	PGS - Record # 500892000500000087
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	9540	2908	0.53	PGS - Record # 500892000500000088
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	9800	2987	0.56	PGS - Record # 500892000500000003
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	9900	3018	0.54	PGS - Record # 500892000500000089
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	10100	3078	0.70	PGS - Record # 500892000500000090
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	10271	3130	0.57	PGS - Record # 500892000500000090
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	10301	3139	0.69	PGS - Record # 500892000500000013
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	10551	3216	0.61	PGS - Record # 500892000500000017
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	10561	3219	0.70	PGS - Record # 500892000500000091
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	10753	3277	0.57	PGS - Record # 500892000500000092
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	10781	3286	0.60	PGS - Record # 500892000500000022
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	10931	3331	0.64	PGS - Record # 500892000500000093
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	11051	3368	0.67	PGS - Record # 500892000500000027
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	11301	3444	0.64	PGS - Record # 500892000500000031
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	11301	3444	0.66	PGS - Record # 500892000500000094
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	11457	3492	0.63	PGS - Record # 500892000500000095
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	11492	3502	0.57	PGS - Record # 500892000500000035
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	11691	3563	0.60	PGS - Record # 500892000500000105
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	11801	3597	0.62	PGS - Record # 500892000500000041

Quadrangle	Well Name	API Number	North Latitude	West Longitude	KB Elev (m)	KB Elev (ft)	Sample Depth (ft)	Sample Depth (m)	Mean Ro (%)	Source of Data
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	12054	3674	0.65	PGS - Record # 500892000500000046
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	12091	3685	0.62	PGS - Record # 500892000500000096
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	12301	3749	0.63	PGS - Record # 500892000500000051
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	12541	3822	0.68	PGS - Record # 500892000500000097
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	12551	3825	0.74	PGS - Record # 500892000500000055
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	12832	3911	0.64	PGS - Record # 500892000500000061
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	12931	3941	0.70	PGS - Record # 500892000500000098
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	13279	4047	0.70	PGS - Record # 500892000500000070
Flaxman Island	Point Thomson Unit 1	50-089-20005	70.17389	146.35333	10	33	13281	4048	0.80	PGS - Record # 500892000500000099
Flaxman Island	Point Thomson Unit 2	50-089-20006	70.16306	146.51417	15	49	5100	1554	0.44	PGS - Record # 500892000600000001
Flaxman Island	Point Thomson Unit 2	50-089-20006	70.16306	146.51417	15	49	5310	1618	0.40	PGS - Record # 500892000600000003
Flaxman Island	Point Thomson Unit 2	50-089-20006	70.16306	146.51417	15	49	5580	1701	0.45	PGS - Record # 500892000600000006
Flaxman Island	Point Thomson Unit 2	50-089-20006	70.16306	146.51417	15	49	5850	1783	0.61	PGS - Record # 500892000600000009
Flaxman Island	Point Thomson Unit 2	50-089-20006	70.16306	146.51417	15	49	6390	1948	0.57	PGS - Record # 500892000600000015
Flaxman Island	Point Thomson Unit 2	50-089-20006	70.16306	146.51417	15	49	9650	2941	0.62	PGS - Record # 500892000600000018
Flaxman Island	Point Thomson Unit 2	50-089-20006	70.16306	146.51417	15	49	9882	3012	0.58	PGS - Record # 500892000600000020
Flaxman Island	Point Thomson Unit 2	50-089-20006	70.16306	146.51417	15	49	10125	3086	0.54	PGS - Record # 500892000600000024
Flaxman Island	Point Thomson Unit 2	50-089-20006	70.16306	146.51417	15	49	10301	3139	0.56	PGS - Record # 500892000600000026
Flaxman Island	Point Thomson Unit 2	50-089-20006	70.16306	146.51417	15	49	10571	3222	0.53	PGS - Record # 500892000600000029
Flaxman Island	Point Thomson Unit 2	50-089-20006	70.16306	146.51417	15	49	10861	3310	0.62	PGS - Record # 500892000600000033
Flaxman Island	Point Thomson Unit 2	50-089-20006	70.16306	146.51417	15	49	11121	3389	0.68	PGS - Record # 500892000600000038
Flaxman Island	Point Thomson Unit 2	50-089-20006	70.16306	146.51417	15	49	11371	3466	0.65	PGS - Record # 500892000600000043
Flaxman Island	Point Thomson Unit 2	50-089-20006	70.16306	146.51417	15	49	11700	3566	0.69	PGS - Record # 500892000600000048
Flaxman Island	Point Thomson Unit 2	50-089-20006	70.16306	146.51417	15	49	11844	3610	0.58	PGS - Record # 500892000600000051
Flaxman Island	Point Thomson Unit 2	50-089-20006	70.16306	146.51417	15	49	12101	3688	0.58	PGS - Record # 500892000600000055
Flaxman Island	Point Thomson Unit 2	50-089-20006	70.16306	146.51417	15	49	12351	3764	0.65	PGS - Record # 500892000600000061
Flaxman Island	Point Thomson Unit 2	50-089-20006	70.16306	146.51417	15	49	12601	3840	0.77	PGS - Record # 500892000600000065
Flaxman Island	Point Thomson Unit 2	50-089-20006	70.16306	146.51417	15	49	12851	3917	0.66	PGS - Record # 500892000600000071
Flaxman Island	Point Thomson Unit 2	50-089-20006	70.16306	146.51417	15	49	13111	3996	0.69	PGS - Record # 500892000600000076
Flaxman Island	Point Thomson Unit 2	50-089-20006	70.16306	146.51417	15	49	13511	4118	0.70	PGS - Record # 500892000600000077
Flaxman Island	Point Thomson Unit 2	50-089-20006	70.16306	146.51417	15	49	13911	4240	4.42	PGS - Record # 500892000600000079
Flaxman Island	Point Thomson Unit 3	50-089-20007	70.17139	146.25222	11	36	1600	488	0.50	Geol Materials Center-Report 17
Flaxman Island	Point Thomson Unit 3	50-089-20007	70.17139	146.25222	11	36	1950	594	0.54	Geol Materials Center-Report 17
Flaxman Island	Point Thomson Unit 3	50-089-20007	70.17139	146.25222	11	36	2400	732	0.52	Geol Materials Center-Report 17
Flaxman Island	Point Thomson Unit 3	50-089-20007	70.17139	146.25222	11	36	3300	1006	0.51	Geol Materials Center-Report 17
Flaxman Island	Point Thomson Unit 3	50-089-20007	70.17139	146.25222	11	36	4520	1378	0.51	Geol Materials Center-Report 17
Flaxman Island	Point Thomson Unit 3	50-089-20007	70.17139	146.25222	11	36	5600	1707	0.50	Geol Materials Center-Report 17
Flaxman Island	Point Thomson Unit 3	50-089-20007	70.17139	146.25222	11	36	6500	1981	0.48	Geol Materials Center-Report 17
Flaxman Island	Point Thomson Unit 3	50-089-20007	70.17139	146.25222	11	36	6770	2063	0.53	Geol Materials Center-Report 17
Flaxman Island	Point Thomson Unit 3	50-089-20007	70.17139	146.25222	11	36	7220	2201	0.57	Geol Materials Center-Report 17
Flaxman Island	Point Thomson Unit 3	50-089-20007	70.17139	146.25222	11	36	8300	2530	0.51	Geol Materials Center-Report 17
Flaxman Island	Point Thomson Unit 3	50-089-20007	70.17139	146.25222	11	36	8750	2667	0.52	Geol Materials Center-Report 17
Flaxman Island	Point Thomson Unit 3	50-089-20007	70.17139	146.25222	11	36	9260	2822	0.52	Geol Materials Center-Report 17
Flaxman Island	Point Thomson Unit 3	50-089-20007	70.17139	146.25222	11	36	9830	2996	0.54	Geol Materials Center-Report 17
Flaxman Island	Point Thomson Unit 3	50-089-20007	70.17139	146.25222	11	36	10371	3161	0.66	Geol Materials Center-Report 17
Flaxman Island	Point Thomson Unit 3	50-089-20007	70.17139	146.25222	11	36	10911	3325	0.66	Geol Materials Center-Report 17
Flaxman Island	Point Thomson Unit 3	50-089-20007	70.17139	146.25222	11	36	11481	3499	0.70	Geol Materials Center-Report 17
Flaxman Island	Point Thomson Unit 3	50-089-20007	70.17139	146.25222	11	36	12021	3664	0.79	Geol Materials Center-Report 17
Flaxman Island	Point Thomson Unit 3	50-089-20007	70.17139	146.25222	11	36	12711	3874	0.83	Geol Materials Center-Report 17
Flaxman Island	Point Thomson Unit 3	50-089-20007	70.17139	146.25222	11	36	13311	4057	0.86	Geol Materials Center-Report 17
Flaxman Island	Point Thomson Unit 3	50-089-20007	70.17139	146.25222	11	36	13641	4157	0.90	Geol Materials Center-Report 17
Flaxman Island	Point Thomson Unit 3	50-089-20007	70.17139	146.25222	11	36	13911	4240	0.87	Geol Materials Center-Report 17
Flaxman Island	Point Thomson Unit 3	50-089-20007	70.17139	146.25222	11	36	14091	4295	0.92	Geol Materials Center-Report 17
Flaxman Island	Challenge Island 1	50-089-20012	70.23556	146.61778	10	33	3850	1173	0.30	PGS - Record # 500892001200000003
Flaxman Island	Challenge Island 1	50-089-20012	70.23556	146.61778	10	33	4120	1256	0.29	PGS - Record # 500892001200000007
Flaxman Island	Challenge Island 1	50-089-20012	70.23556	146.61778	10	33	4390	1338	0.26	PGS - Record # 500892001200000011
Flaxman Island	Challenge Island 1	50-089-20012	70.23556	146.61778	10	33	4660	1420	0.31	PGS - Record # 500892001200000015
Flaxman Island	Challenge Island 1	50-089-20012	70.23556	146.61778	10	33	4930	1503	0.31	PGS - Record # 500892001200000019
Flaxman Island	Challenge Island 1	50-089-20012	70.23556	146.61778	10	33	5110	1558	0.34	PGS - Record # 500892001200000022
Flaxman Island	Challenge Island 1	50-089-20012	70.23556	146.61778	10	33	5440	1658	0.29	PGS - Record # 500892001200000026



Quadrangle	Well Name	API Number	North Latitude	West Longitude	KB Elev (m)	KB Elev (ft)	Sample Depth (ft)	Sample Depth (m)	Mean Ro (%)	Source of Data
Flaxman Island	Challenge Island 1	50-089-20012	70.23556	146.61778	10	33	5650	1722	0.39	PGS - Record # 50089200120000029
Flaxman Island	Challenge Island 1	50-089-20012	70.23556	146.61778	10	33	11621	3542	0.55	PGS - Record # 50089200120000035
Flaxman Island	Challenge Island 1	50-089-20012	70.23556	146.61778	10	33	11891	3624	0.59	PGS - Record # 50089200120000037
Flaxman Island	Challenge Island 1	50-089-20012	70.23556	146.61778	10	33	12161	3706	0.62	PGS - Record # 50089200120000040
Flaxman Island	Challenge Island 1	50-089-20012	70.23556	146.61778	10	33	12251	3734	0.60	PGS - Record # 50089200120000041
Flaxman Island	Challenge Island 1	50-089-20012	70.23556	146.61778	10	33	12431	3789	0.64	PGS - Record # 50089200120000044
Flaxman Island	Challenge Island 1	50-089-20012	70.23556	146.61778	10	33	12611	3844	0.69	PGS - Record # 50089200120000047
Flaxman Island	Challenge Island 1	50-089-20012	70.23556	146.61778	10	33	12791	3898	0.63	PGS - Record # 50089200120000049
Flaxman Island	Challenge Island 1	50-089-20012	70.23556	146.61778	10	33	12881	3926	0.64	PGS - Record # 50089200120000051
Flaxman Island	Challenge Island 1	50-089-20012	70.23556	146.61778	10	33	13151	4008	0.59	PGS - Record # 50089200120000055
Flaxman Island	Challenge Island 1	50-089-20012	70.23556	146.61778	10	33	13421	4090	0.64	PGS - Record # 50089200120000059
Flaxman Island	Challenge Island 1	50-089-20012	70.23556	146.61778	10	33	13581	4139	0.61	PGS - Record # 50089200120000062
Flaxman Island	Alaska State D-1	50-089-20015	70.20306	146.20722	12	39	1020	311	0.36	PGS - Record # 50089200150000004
Flaxman Island	Alaska State D-1	50-089-20015	70.20306	146.20722	12	39	2190	668	0.44	PGS - Record # 50089200150000010
Flaxman Island	Alaska State D-1	50-089-20015	70.20306	146.20722	12	39	2670	814	0.51	PGS - Record # 50089200150000013
Flaxman Island	Alaska State D-1	50-089-20015	70.20306	146.20722	12	39	3150	960	0.50	PGS - Record # 50089200150000016
Flaxman Island	Alaska State D-1	50-089-20015	70.20306	146.20722	12	39	4590	1399	0.41	PGS - Record # 50089200150000023
Flaxman Island	Alaska State D-1	50-089-20015	70.20306	146.20722	12	39	5040	1536	0.42	PGS - Record # 50089200150000026
Flaxman Island	Alaska State D-1	50-089-20015	70.20306	146.20722	12	39	5460	1664	0.45	PGS - Record # 50089200150000030
Flaxman Island	Alaska State D-1	50-089-20015	70.20306	146.20722	12	39	5850	1783	0.45	PGS - Record # 50089200150000034
Flaxman Island	Alaska State D-1	50-089-20015	70.20306	146.20722	12	39	6300	1920	0.47	PGS - Record # 50089200150000038
Flaxman Island	Alaska State D-1	50-089-20015	70.20306	146.20722	12	39	6660	2030	0.42	PGS - Record # 50089200150000042
Flaxman Island	Alaska State D-1	50-089-20015	70.20306	146.20722	12	39	7050	2149	0.37	PGS - Record # 50089200150000046
Flaxman Island	Alaska State D-1	50-089-20015	70.20306	146.20722	12	39	7590	2313	0.45	PGS - Record # 50089200150000050
Flaxman Island	Alaska State D-1	50-089-20015	70.20306	146.20722	12	39	8100	2469	0.53	PGS - Record # 50089200150000053
Flaxman Island	Alaska State D-1	50-089-20015	70.20306	146.20722	12	39	8610	2624	0.47	PGS - Record # 50089200150000057
Flaxman Island	Alaska State D-1	50-089-20015	70.20306	146.20722	12	39	8960	2731	0.51	PGS - Record # 50089200150000060
Flaxman Island	Alaska State D-1	50-089-20015	70.20306	146.20722	12	39	9330	2844	0.50	PGS - Record # 50089200150000065
Flaxman Island	Alaska State D-1	50-089-20015	70.20306	146.20722	12	39	9730	2966	0.57	PGS - Record # 50089200150000070
Flaxman Island	Alaska State D-1	50-089-20015	70.20306	146.20722	12	39	10060	3066	0.52	PGS - Record # 50089200150000074
Flaxman Island	Alaska State D-1	50-089-20015	70.20306	146.20722	12	39	10461	3188	0.56	PGS - Record # 50089200150000079
Flaxman Island	Alaska State D-1	50-089-20015	70.20306	146.20722	12	39	10891	3319	0.58	PGS - Record # 50089200150000084
Flaxman Island	Alaska State D-1	50-089-20015	70.20306	146.20722	12	39	11251	3429	0.57	PGS - Record # 50089200150000088
Flaxman Island	Alaska State D-1	50-089-20015	70.20306	146.20722	12	39	11631	3545	0.58	PGS - Record # 50089200150000093
Flaxman Island	Alaska State D-1	50-089-20015	70.20306	146.20722	12	39	12031	3667	0.53	PGS - Record # 50089200150000098
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	1545	471	0.37	PGS - Record # 50089200180000001
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	1995	608	0.38	PGS - Record # 50089200180000002
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	3045	928	0.36	PGS - Record # 50089200180000003
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	4110	1253	0.34	PGS - Record # 50089200180000004
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	4995	1522	0.32	PGS - Record # 50089200180000005
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	5985	1824	0.32	PGS - Record # 50089200180000006
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	6255	1907	0.38	PGS - Record # 50089200180000009
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	6525	1989	0.43	PGS - Record # 50089200180000011
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	6795	2071	0.41	PGS - Record # 50089200180000014
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	6975	2126	0.46	PGS - Record # 50089200180000016
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	7245	2208	0.43	PGS - Record # 50089200180000019
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	7515	2291	0.48	PGS - Record # 50089200180000022
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	7695	2345	0.47	PGS - Record # 50089200180000024
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	7965	2428	0.42	PGS - Record # 50089200180000027
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	8235	2510	0.50	PGS - Record # 50089200180000030
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	8300	2530	0.39	PGS - Record # 50089200180000031
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	8685	2647	0.45	PGS - Record # 50089200180000035
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	8865	2702	0.44	PGS - Record # 50089200180000037
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	9150	2789	0.45	PGS - Record # 50089200180000041
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	9390	2862	0.48	PGS - Record # 50089200180000045
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	9870	3008	0.50	PGS - Record # 50089200180000053
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	10170	3100	0.41	PGS - Record # 50089200180000057
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	10621	3237	0.50	PGS - Record # 50089200180000061
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	10741	3274	0.46	PGS - Record # 50089200180000062
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	10941	3335	0.58	PGS - Record # 50089200180000064
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	11181	3408	0.50	PGS - Record # 50089200180000066

Quadrangle	Well Name	API Number	North Latitude	West Longitude	KB Elev (m)	KB Elev (ft)	Sample Depth (ft)	Sample Depth (m)	Mean Ro (%)	Source of Data
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	11421	3481	0.44	PGS - Record # 500892001800000068
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	11666	3555	0.52	PGS - Record # 500892001800000070
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	11911	3630	0.52	PGS - Record # 500892001800000072
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	12151	3703	0.59	PGS - Record # 500892001800000074
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	12391	3776	0.51	PGS - Record # 500892001800000076
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	12751	3886	0.48	PGS - Record # 500892001800000078
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	12871	3923	0.56	PGS - Record # 500892001800000079
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	13111	3996	0.66	PGS - Record # 500892001800000081
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	13351	4069	0.58	PGS - Record # 500892001800000083
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	13591	4142	0.55	PGS - Record # 500892001800000085
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	13831	4215	0.59	PGS - Record # 500892001800000087
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	14071	4289	0.56	PGS - Record # 500892001800000089
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	14371	4380	0.61	PGS - Record # 500892001800000094
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	14551	4435	0.63	PGS - Record # 500892001800000097
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	14851	4526	0.59	PGS - Record # 500892001800000102
Flaxman Island	Alaska Island 1	50-089-20018	70.22750	146.50000	13	43	15071	4593	0.63	PGS - Record # 500892001800000105
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	150	46	0.36	PGS - Record # 500892001900000001
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	1110	338	0.56	PGS - Record # 500892001900000002
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	2130	649	0.66	PGS - Record # 500892001900000003
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	3039	926	0.41	PGS - Record # 500892001900000004
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	4110	1253	0.55	PGS - Record # 500892001900000005
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	5085	1550	0.48	PGS - Record # 500892001900000006
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	6075	1852	0.63	PGS - Record # 500892001900000007
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	6255	1907	0.49	PGS - Record # 500892001900000009
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	6525	1989	0.48	PGS - Record # 500892001900000012
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	6615	2016	0.47	PGS - Record # 500892001900000013
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	6885	2099	0.47	PGS - Record # 500892001900000015
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	7200	2195	0.45	PGS - Record # 500892001900000020
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	7440	2268	0.58	PGS - Record # 500892001900000024
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	7680	2341	0.55	PGS - Record # 500892001900000028
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	7920	2414	0.58	PGS - Record # 500892001900000032
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	8160	2487	0.56	PGS - Record # 500892001900000036
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	8340	2542	0.57	PGS - Record # 500892001900000039
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	8640	2633	0.60	PGS - Record # 500892001900000041
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	8880	2707	0.54	PGS - Record # 500892001900000043
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	9120	2780	0.60	PGS - Record # 500892001900000045
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	9360	2853	0.56	PGS - Record # 500892001900000047
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	9600	2926	0.57	PGS - Record # 500892001900000049
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	9840	2999	0.60	PGS - Record # 500892001900000051
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	10080	3072	0.57	PGS - Record # 500892001900000053
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	10321	3146	0.64	PGS - Record # 500892001900000055
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	10561	3219	0.51	PGS - Record # 500892001900000057
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	10801	3292	0.74	PGS - Record # 500892001900000059
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	11041	3365	0.61	PGS - Record # 500892001900000061
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	11281	3438	0.63	PGS - Record # 500892001900000063
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	11521	3511	0.66	PGS - Record # 500892001900000065
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	11761	3584	0.67	PGS - Record # 500892001900000067
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	12001	3658	0.63	PGS - Record # 500892001900000069
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	12201	3719	0.56	PGS - Record # 500892001900000071
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	12501	3810	0.61	PGS - Record # 500892001900000073
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	12681	3865	0.70	PGS - Record # 500892001900000075
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	12941	3944	0.58	PGS - Record # 500892001900000077
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	13241	4036	0.71	PGS - Record # 500892001900000082
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	13481	4109	0.67	PGS - Record # 500892001900000086
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	13721	4182	0.68	PGS - Record # 500892001900000090
Flaxman Island	Alaska State F-1	50-089-20019	70.22667	146.36028	13	43	14206	4330	0.76	PGS - Record # 500892001900000098
Flaxman Island	E. De K. Leffingwell 1	50-089-20021	70.01779	146.51679	62	203	3070	936	0.33	Geol Materials Center-Report 77
Flaxman Island	E. De K. Leffingwell 1	50-089-20021	70.01779	146.51679	62	203	3610	1100	0.37	Geol Materials Center-Report 77
Flaxman Island	E. De K. Leffingwell 1	50-089-20021	70.01779	146.51679	62	203	4150	1265	0.36	Geol Materials Center-Report 77
Flaxman Island	E. De K. Leffingwell 1	50-089-20021	70.01779	146.51679	62	203	4593	1400	0.43	Geol Materials Center-Report 77
Flaxman Island	E. De K. Leffingwell 1	50-089-20021	70.01779	146.51679	62	203	4690	1430	0.33	Geol Materials Center-Report 77

Quadrangle	Well Name	API Number	North Latitude	West Longitude	KB Elev (m)	KB Elev (ft)	Sample Depth (ft)	Sample Depth (m)	Mean Ro (%)	Source of Data
Flaxman Island	E. De K. Leffingwell 1	50-089-20021	70.01779	146.51679	62	203	5230	1594	0.35	Geol Materials Center-Report 77
Flaxman Island	E. De K. Leffingwell 1	50-089-20021	70.01779	146.51679	62	203	5770	1759	0.32	Geol Materials Center-Report 77
Flaxman Island	E. De K. Leffingwell 1	50-089-20021	70.01779	146.51679	62	203	6310	1923	0.34	Geol Materials Center-Report 77
Flaxman Island	E. De K. Leffingwell 1	50-089-20021	70.01779	146.51679	62	203	7120	2170	0.41	Geol Materials Center-Report 77
Flaxman Island	E. De K. Leffingwell 1	50-089-20021	70.01779	146.51679	62	203	7660	2335	0.42	Geol Materials Center-Report 77
Flaxman Island	E. De K. Leffingwell 1	50-089-20021	70.01779	146.51679	62	203	8200	2499	0.42	Geol Materials Center-Report 77
Flaxman Island	E. De K. Leffingwell 1	50-089-20021	70.01779	146.51679	62	203	8740	2664	0.41	Geol Materials Center-Report 77
Flaxman Island	E. De K. Leffingwell 1	50-089-20021	70.01779	146.51679	62	203	9280	2829	0.42	Geol Materials Center-Report 77
Flaxman Island	E. De K. Leffingwell 1	50-089-20021	70.01779	146.51679	62	203	9820	2993	0.39	Geol Materials Center-Report 77
Flaxman Island	E. De K. Leffingwell 1	50-089-20021	70.01779	146.51679	62	203	10361	3158	0.41	Geol Materials Center-Report 77
Flaxman Island	E. De K. Leffingwell 1	50-089-20021	70.01779	146.51679	62	203	10901	3322	0.37	Geol Materials Center-Report 77
Flaxman Island	E. De K. Leffingwell 1	50-089-20021	70.01779	146.51679	62	203	11441	3487	0.47	Geol Materials Center-Report 77
Flaxman Island	E. De K. Leffingwell 1	50-089-20021	70.01779	146.51679	62	203	11981	3652	0.41	Geol Materials Center-Report 77
Flaxman Island	E. De K. Leffingwell 1	50-089-20021	70.01779	146.51679	62	203	12791	3898	0.44	Geol Materials Center-Report 77
Flaxman Island	E. De K. Leffingwell 1	50-089-20021	70.01779	146.51679	62	203	13601	4145	0.43	Geol Materials Center-Report 77
Flaxman Island	E. De K. Leffingwell 1	50-089-20021	70.01779	146.51679	62	203	13871	4228	0.49	Geol Materials Center-Report 77
Flaxman Island	E. De K. Leffingwell 1	50-089-20021	70.01779	146.51679	62	203	14471	4410	0.70	Geol Materials Center-Report 77
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	560	171	0.92	PGS - Record # 501792000100000001
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	750	229	0.88	PGS - Record # 501792000100000005
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	1000	305	0.76	PGS - Record # 501792000100000009
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	1250	381	0.95	PGS - Record # 501792000100000012
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	1460	445	0.85	PGS - Record # 501792000100000015
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	1760	536	0.87	PGS - Record # 501792000100000019
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	2000	610	0.86	PGS - Record # 501792000100000024
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	2250	686	0.97	PGS - Record # 501792000100000029
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	2500	762	0.91	PGS - Record # 501792000100000034
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	2760	841	0.93	PGS - Record # 501792000100000039
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	3000	914	1.14	PGS - Record # 501792000100000044
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	3250	991	1.06	PGS - Record # 501792000100000049
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	3500	1067	1.15	PGS - Record # 501792000100000053
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	3750	1143	1.13	PGS - Record # 501792000100000058
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	4060	1237	1.36	PGS - Record # 501792000100000061
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	4250	1295	1.06	PGS - Record # 501792000100000065
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	4530	1381	1.15	PGS - Record # 501792000100000070
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	4750	1448	1.89	PGS - Record # 501792000100000074
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	5000	1524	1.51	PGS - Record # 501792000100000078
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	5260	1603	1.72	PGS - Record # 501792000100000081
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	5500	1676	1.78	PGS - Record # 501792000100000086
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	7010	2137	1.21	PGS - Record # 501792000100000117
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	7250	2210	2.30	PGS - Record # 501792000100000122
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	7500	2286	1.79	PGS - Record # 501792000100000127
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	7750	2362	1.28	PGS - Record # 501792000100000132
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	8000	2438	2.84	PGS - Record # 501792000100000137
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	8250	2515	1.50	PGS - Record # 501792000100000142
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	9000	2743	1.78	PGS - Record # 501792000100000156
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	9250	2819	1.96	PGS - Record # 501792000100000161
Mount Michelson	Kavik 1	50-179-20001	69.63167	146.56944	417	1368	9500	2896	1.65	PGS - Record # 501792000100000166
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	190	58	0.47	
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	730	223	0.49	PGS - Record # 501792000200000007
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	1360	415	0.41	PGS - Record # 501792000200000014
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	1480	451	0.5	
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	3760	1146	0.45	PGS - Record # 501792000200000040
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	4330	1320	0.46	PGS - Record # 501792000200000046
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	4570	1393	0.54	
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	4900	1494	0.48	PGS - Record # 501792000200000052
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	6120	1865	0.53	PGS - Record # 501792000200000066
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	6880	2097	0.63	
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	8010	2441	0.69	PGS - Record # 501792000200000123
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	8550	2606	0.68	PGS - Record # 501792000200000129
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	9150	2789	0.73	PGS - Record # 501792000200000147
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	9590	2923	0.73	

Quadrangle	Well Name	API Number	North Latitude	West Longitude	KB Elev (m)	KB Elev (ft)	Sample Depth (ft)	Sample Depth (m)	Mean Ro (%)	Source of Data
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	9740	2969	0.75	PGS - Record # 501792000200000167
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	10351	3155	0.73	PGS - Record # 501792000200000187
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	10961	3341	0.78	PGS - Record # 501792000200000207
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	11196	3412	1.61	
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	11261	3432	0.79	PGS - Record # 501792000200000217
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	11571	3527	0.94	PGS - Record # 501792000200000227
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	11880	3621	0.93	
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	12181	3712	1.41	PGS - Record # 501792000200000247
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	12480	3804	1.18	
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	13080	3987	1.24	
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	13381	4078	1.27	PGS - Record # 501792000200000287
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	13680	4169	1.45	
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	13980	4261	1.52	
Mount Michelson	Beli Unit 1	50-179-20002	69.71056	146.53528	321	1053	14050	4282	1.65	
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	200	61	0.72	PGS - Record # 501792000500000001
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	1130	344	0.71	PGS - Record # 501792000500000011
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	2030	619	0.91	PGS - Record # 501792000500000021
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	2480	756	0.96	PGS - Record # 501792000500000026
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	2800	853	0.97	PGS - Record # 501792000500000032
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	3100	945	0.96	PGS - Record # 501792000500000042
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	3400	1036	0.97	PGS - Record # 501792000500000052
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	3700	1128	0.97	PGS - Record # 501792000500000062
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	3960	1207	0.96	PGS - Record # 501792000500000071
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	4250	1295	0.97	PGS - Record # 501792000500000081
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	4560	1390	1.61	PGS - Record # 501792000500000093
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	4860	1481	0.96	PGS - Record # 501792000500000103
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	5140	1567	0.96	PGS - Record # 501792000500000113
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	5440	1658	0.97	PGS - Record # 501792000500000123
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	5760	1756	0.97	PGS - Record #
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	6360	1939	0.98	PGS - Record # 501792000500000153
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	6660	2030	0.97	PGS - Record # 501792000500000163
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	7260	2213	0.61	PGS - Record # 501792000500000183
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	7560	2304	0.51	PGS - Record # 501792000500000193
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	7860	2396	0.74	PGS - Record # 501792000500000203
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	8150	2484	1.29	PGS - Record # 501792000500000213
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	8450	2576	1.15	PGS - Record # 501792000500000223
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	8750	2667	1.12	PGS - Record # 501792000500000233
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	530	162	0.84	GMC-Report 10 Analyses by Unocal, 1982
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	1010	308	0.82	GMC-Report 10 Analyses by Unocal, 1982
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	1490	454	0.96	GMC-Report 10 Analyses by Unocal, 1982
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	1970	600	1.35	GMC-Report 10 Analyses by Unocal, 1982
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	2480	756	1.02	GMC-Report 10 Analyses by Unocal, 1982
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	3000	914	1.29	GMC-Report 10 Analyses by Unocal, 1982
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	3500	1067	1.58	GMC-Report 10 Analyses by Unocal, 1982
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	4000	1219	1.48	GMC-Report 10 Analyses by Unocal, 1982
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	4750	1448	1.54	GMC-Report 10 Analyses by Unocal, 1982
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	5500	1676	1.84	GMC-Report 10 Analyses by Unocal, 1982
Mount Michelson	Canning River Unit A-1	50-179-20005	69.60611	146.33528	282	925	6500	1981	2.11	GMC-Report 10 Analyses by Unocal, 1982
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	1040	317	0.63	PGS - Record # 501792000600000004
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	1280	390	0.79	PGS - Record # 501792000600000008
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	1520	463	0.80	PGS - Record # 501792000600000012
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	1760	536	0.77	PGS - Record # 501792000600000016
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	2000	610	0.79	PGS - Record # 501792000600000020
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	2240	683	0.74	PGS - Record # 501792000600000024
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	2540	774	0.73	PGS - Record # 501792000600000029
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	2780	847	0.74	PGS - Record # 501792000600000033
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	3020	920	0.81	PGS - Record # 501792000600000037
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	3260	994	0.87	PGS - Record # 501792000600000041
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	3500	1067	0.79	PGS - Record # 501792000600000045
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	3740	1140	0.73	PGS - Record # 501792000600000049
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	4020	1225	0.80	PGS - Record # 501792000600000054

Quadrangle	Well Name	API Number	North Latitude	West Longitude	KB Elev (m)	KB Elev (ft)	Sample Depth (ft)	Sample Depth (m)	Mean Ro (%)	Source of Data
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	4250	1295	0.67	PGS - Record # 501792000600000059
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	4500	1372	0.72	PGS - Record # 501792000600000064
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	4750	1448	0.84	PGS - Record # 501792000600000069
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	5000	1524	0.84	PGS - Record # 501792000600000074
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	5250	1600	0.81	PGS - Record # 501792000600000079
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	5500	1676	0.88	PGS - Record # 501792000600000084
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	5750	1753	0.78	PGS - Record # 501792000600000089
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	6000	1829	1.02	PGS - Record # 501792000600000094
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	6250	1905	1.10	PGS - Record # 501792000600000099
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	6500	1981	0.89	PGS - Record # 501792000600000104
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	6750	2057	1.01	PGS - Record # 501792000600000109
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	7000	2134	0.85	PGS - Record # 501792000600000114
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	7250	2210	0.69	PGS - Record # 501792000600000119
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	7500	2286	0.93	PGS - Record # 501792000600000124
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	8000	2438	0.77	PGS - Record # 501792000600000134
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	8250	2515	1.12	PGS - Record # 501792000600000139
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	8500	2591	1.28	PGS - Record # 501792000600000144
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	8750	2667	1.14	PGS - Record # 501792000600000149
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	9250	2819	0.88	PGS - Record # 501792000600000159
Mount Michelson	Canning River Unit B-1	50-179-20006	69.66361	146.27528	212	696	10501	3200	1.68	PGS - Record # 501792000600000184
Mount Michelson	Alaska State J-1	50-179-20007	69.85811	-146.5687	144	472	2880	878	0.356	Alaska Geologic Mat. Center Rept. 246
Mount Michelson	Alaska State J-1	50-179-20007	69.85811	-146.5687	144	472	3960	1207	0.32	Alaska Geologic Mat. Center Rept. 246
Mount Michelson	Alaska State J-1	50-179-20007	69.85811	-146.5687	144	472	5040	1536	0.35	Alaska Geologic Mat. Center Rept. 246
Mount Michelson	Alaska State J-1	50-179-20007	69.85811	-146.5687	144	472	6120	1865	0.35	Alaska Geologic Mat. Center Rept. 246
Mount Michelson	Alaska State J-1	50-179-20007	69.85811	-146.5687	144	472	7200	2194	0.38	Alaska Geologic Mat. Center Rept. 246
Mount Michelson	Alaska State J-1	50-179-20007	69.85811	-146.5687	144	472	8280	2524	0.447	Alaska Geologic Mat. Center Rept. 246
Mount Michelson	Alaska State J-1	50-179-20007	69.85811	-146.5687	144	472	9360	2853	0.45	Alaska Geologic Mat. Center Rept. 246
Mount Michelson	Alaska State J-1	50-179-20007	69.85811	-146.5687	144	472	10440	3182	0.5	Alaska Geologic Mat. Center Rept. 246
Mount Michelson	Alaska State J-1	50-179-20007	69.85811	-146.5687	144	472	11520	3511	0.56	Alaska Geologic Mat. Center Rept. 246
Mount Michelson	Alaska State J-1	50-179-20007	69.85811	-146.5687	144	472	12332	3759	0.51	Alaska Geologic Mat. Center Rept. 246
Mount Michelson	Alaska State J-1	50-179-20007	69.85811	-146.5687	144	472	12600	3840	0.415	Alaska Geologic Mat. Center Rept. 246
Mount Michelson	Alaska State J-1	50-179-20007	69.85811	-146.5687	144	472	13652	4161	0.49	Alaska Geologic Mat. Center Rept. 246
Sagavanirktok	Shaviovik Unit 1	50-223-20001	69.54194	147.52056	243	797	790	241	0.53	PGS - Record # 502232000100000004
Sagavanirktok	Shaviovik Unit 1	50-223-20001	69.54194	147.52056	243	797	1110	338	0.55	PGS - Record # 502232000100000008
Sagavanirktok	Shaviovik Unit 1	50-223-20001	69.54194	147.52056	243	797	1440	439	0.57	PGS - Record # 502232000100000012
Sagavanirktok	Shaviovik Unit 1	50-223-20001	69.54194	147.52056	243	797	1755	535	0.61	PGS - Record # 502232000100000017
Sagavanirktok	Shaviovik Unit 1	50-223-20001	69.54194	147.52056	243	797	1958	597	0.69	PGS - Record # 502232000100000088
Sagavanirktok	Shaviovik Unit 1	50-223-20001	69.54194	147.52056	243	797	2080	634	0.64	PGS - Record # 502232000100000021
Sagavanirktok	Shaviovik Unit 1	50-223-20001	69.54194	147.52056	243	797	2350	716	0.61	PGS - Record # 502232000100000024
Sagavanirktok	Shaviovik Unit 1	50-223-20001	69.54194	147.52056	243	797	2700	823	0.61	PGS - Record # 502232000100000028
Sagavanirktok	Shaviovik Unit 1	50-223-20001	69.54194	147.52056	243	797	3060	933	0.58	PGS - Record # 502232000100000032
Sagavanirktok	Shaviovik Unit 1	50-223-20001	69.54194	147.52056	243	797	3350	1021	0.68	PGS - Record # 502232000100000035
Sagavanirktok	Shaviovik Unit 1	50-223-20001	69.54194	147.52056	243	797	3640	1109	0.70	PGS - Record # 502232000100000038
Sagavanirktok	Shaviovik Unit 1	50-223-20001	69.54194	147.52056	243	797	4040	1231	0.71	PGS - Record # 502232000100000042
Sagavanirktok	Shaviovik Unit 1	50-223-20001	69.54194	147.52056	243	797	4340	1323	0.69	PGS - Record # 502232000100000045
Sagavanirktok	Shaviovik Unit 1	50-223-20001	69.54194	147.52056	243	797	4650	1417	0.65	PGS - Record # 502232000100000048
Sagavanirktok	Shaviovik Unit 1	50-223-20001	69.54194	147.52056	243	797	4990	1521	0.67	PGS - Record # 502232000100000052
Sagavanirktok	Shaviovik Unit 1	50-223-20001	69.54194	147.52056	243	797	5340	1628	0.63	PGS - Record # 502232000100000056
Sagavanirktok	Shaviovik Unit 1	50-223-20001	69.54194	147.52056	243	797	5620	1713	0.68	PGS - Record # 502232000100000059
Sagavanirktok	Shaviovik Unit 1	50-223-20001	69.54194	147.52056	243	797	5980	1823	0.66	PGS - Record # 502232000100000063
Sagavanirktok	Shaviovik Unit 1	50-223-20001	69.54194	147.52056	243	797	6350	1935	0.68	PGS - Record # 502232000100000067
Sagavanirktok	Shaviovik Unit 1	50-223-20001	69.54194	147.52056	243	797	6710	2045	0.69	PGS - Record # 502232000100000071
Sagavanirktok	Shaviovik Unit 1	50-223-20001	69.54194	147.52056	243	797	7070	2155	0.66	PGS - Record # 502232000100000075
Sagavanirktok	Shaviovik Unit 1	50-223-20001	69.54194	147.52056	243	797	7420	2262	0.65	PGS - Record # 502232000100000079
Sagavanirktok	Shaviovik Unit 1	50-223-20001	69.54194	147.52056	243	797	7750	2362	0.65	PGS - Record # 502232000100000083
Sagavanirktok	Shaviovik Unit 1	50-223-20001	69.54194	147.52056	243	797	7990.4	2435	0.75	PGS - Record # 502232000100000086
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	1590.	485	0.34	PGS-Record #
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	1950.	594	0.36	PGS-Record #
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	2220.	677	0.38	PGS-Record #
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	2730.	832	0.39	PGS-Record #

Quadrangle	Well Name	API Number	North Latitude	West Longitude	KB Elev (m)	KB Elev (ft)	Sample Depth (ft)	Sample Depth (m)	Mean Ro (%)	Source of Data
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	2940	896	0.37	PGS-Record #
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	3240	988	0.42	PGS-Record #
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	3420	1042	0.43	PGS-Record #
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	3690	1125	0.46	PGS-Record #
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	4590	1399	0.47	PGS-Record #
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	5520	1682	0.49	PGS-Record #
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	5970	1820	0.51	PGS-Record #
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	6120	1865	0.52	PGS-Record #
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	6630	2021	0.59	PGS-Record #
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	7290	2222	0.53	PGS-Record #
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	7500	2286	0.56	PGS-Record #
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	7920	2414	0.55	PGS-Record #
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	8400	2560	0.55	PGS-Record #
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	8850	2697	0.57	PGS-Record #
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	9210	2807	0.48	PGS-Record #
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	9900	3017	0.61	PGS-Record #
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	10230	3118	0.6	PGS-Record #
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	10440	3182	0.67	PGS-Record #
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	10770	3283	0.7	PGS-Record #
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	11460	3493	0.79	PGS-Record #
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	11850	3612	0.8	PGS-Record #
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	12090	3685	0.74	PGS-Record #
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	12300	3749	0.85	PGS - Record # 502232000200000056
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	12990	3959	0.79	PGS - Record # 502232000200000061
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	13320	4060	0.82	PGS - Record # 502232000200000066
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	13650	4161	0.84	PGS - Record # 502232000200000068
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	13860	4225	1.09	PGS - Record # 502232000200000070
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	13950	4252	0.92	PGS - Record # 502232000200000071
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	14490	4417	0.84	PGS - Record # 502232000200000076
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	14550	4435	0.88	PGS - Record # 502232000200000077
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	15120	4609	1.09	PGS - Record # 502232000200000083
Sagavanirktok	West Kavik 1	50-223-20002	69.77000	147.18556	128	420	16530	5038	1.24	PGS - Record # 502232000200000098
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	710	216	0.66	PGS - Record # 502232000600000101
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	950	290	0.92	PGS - Record # 502232000600000106
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	1200	366	0.79	PGS - Record # 502232000600000111
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	1500	457	0.76	PGS - Record # 502232000600000117
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	1750	533	0.77	PGS - Record # 502232000600000122
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	2000	610	0.74	PGS - Record # 502232000600000127
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	2250	686	0.78	PGS - Record # 502232000600000132
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	2500	762	0.80	PGS - Record # 502232000600000137
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	2750	838	0.89	PGS - Record # 502232000600000142
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	3000	914	0.80	PGS - Record # 502232000600000147
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	3250	991	0.88	PGS - Record # 502232000600000152
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	3500	1067	0.91	PGS - Record # 502232000600000157
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	3750	1143	0.77	PGS - Record # 502232000600000162
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	4000	1219	1.06	PGS - Record # 502232000600000167
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	4250	1295	1.04	PGS - Record # 502232000600000172
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	4500	1372	1.01	PGS - Record # 502232000600000177
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	4750	1448	1.15	PGS - Record # 502232000600000182
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	5000	1524	1.36	PGS - Record # 502232000600000187
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	5250	1600	1.49	PGS - Record # 502232000600000192
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	5500	1676	1.53	PGS - Record # 502232000600000197
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	5750	1753	1.94	PGS - Record # 502232000600000202
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	6000	1829	1.79	PGS - Record # 502232000600000207
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	6250	1905	1.79	PGS - Record # 502232000600000212
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	6500	1981	2.01	PGS - Record # 502232000600000217
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	6750	2057	1.95	PGS - Record # 502232000600000222
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	7000	2134	1.86	PGS - Record # 502232000600000227
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	7250	2210	1.86	PGS - Record # 502232000600000232
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	7500	2286	1.80	PGS - Record # 502232000600000237
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	8000	2438	2.53	PGS - Record # 502232000600000246
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	8250	2515	2.56	PGS - Record # 502232000600000250



Quadrangle	Well Name	API Number	North Latitude	West Longitude	KB Elev (m)	KB Elev (ft)	Sample Depth (ft)	Sample Depth (m)	Mean Ro (%)	Source of Data
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	8510	2594	2.90	PGS - Record # 502232000600000255
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	8626	2629	2.49	PGS - Record # 502232000600000017
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	8651	2637	2.86	PGS - Record # 502232000600000018
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	8675	2644	3.02	PGS - Record # 502232000600000019
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	8750	2667	2.56	PGS - Record # 5022320006000000260
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	9010	2746	2.14	PGS - Record # 5022320006000000265
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	9050	2758	1.96	PGS - Record # 502232000600000020
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	9260	2822	2.82	PGS - Record # 5022320006000000270
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	9510	2899	2.61	PGS - Record # 5022320006000000275
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	9650	2941	2.11	PGS - Record # 5022320006000000222
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	9750	2972	2.69	PGS - Record # 5022320006000000280
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	10000	3048	3.08	PGS - Record # 5022320006000000285
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	10050	3063	2.14	PGS - Record # 502232000600000024
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	10651	3246	3.02	PGS - Record # 502232000600000027
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	14051	4282	0.57	PGS - Record # 502232000600000047
Sagavanirktok	Kemik #1	50-223-20006	69.43972	147.26583	376	1234	16051	4892	3.72	PGS - Record # 502232000600000057
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	520	158	0.46	PGS - Record # 502232000700000001
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	670	204	0.60	PGS - Record # 5022320007000000060
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	1210	369	0.46	PGS - Record # 5022320007000000002
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	1720	524	0.41	PGS - Record # 5022320007000000003
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	2110	643	0.48	PGS - Record # 5022320007000000004
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	2500	762	0.48	PGS - Record # 5022320007000000005
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	2590	789	0.71	PGS - Record # 5022320007000000080
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	3220	981	0.46	PGS - Record # 5022320007000000006
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	3520	1073	0.48	PGS - Record # 5022320007000000007
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	3910	1192	0.51	PGS - Record # 5022320007000000008
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	4300	1311	0.55	PGS - Record # 5022320007000000009
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	4600	1402	0.52	PGS - Record # 5022320007000000010
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	5300	1615	0.53	PGS - Record # 5022320007000000011
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	5600	1707	0.64	PGS - Record # 5022320007000000112
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	5700	1737	0.51	PGS - Record # 5022320007000000012
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	6260	1908	0.51	PGS - Record # 5022320007000000014
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	7100	2164	0.56	PGS - Record # 5022320007000000017
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	7500	2286	0.64	PGS - Record # 5022320007000000018
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	8000	2438	0.57	PGS - Record # 5022320007000000019
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	8520	2597	0.75	PGS - Record # 5022320007000000144
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	8700	2652	0.60	PGS - Record # 5022320007000000020
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	9100	2774	0.63	PGS - Record # 5022320007000000022
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	9700	2967	0.60	PGS - Record # 5022320007000000025
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	10100	3078	0.67	PGS - Record # 5022320007000000027
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	10581	3225	1.32	PGS - Record # 5022320007000000168
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	10701	3261	0.57	PGS - Record # 5022320007000000030
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	11101	3383	0.62	PGS - Record # 5022320007000000032
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	12361	3767	2.34	PGS - Record # 5022320007000000189
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	12701	3871	0.58	PGS - Record # 5022320007000000040
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	13101	3993	0.30	PGS - Record # 5022320007000000042
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	14101	4298	0.55	PGS - Record # 5022320007000000047
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	15401	4694	2.58	PGS - Record # 5022320007000000225
Sagavanirktok	Fin Creek Unit 1	50-223-20007	69.50000	147.60000	239	784	15501	4724	0.50	PGS - Record # 5022320007000000054
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	540	165	1.31	PGS - Record # 5022320013000000002
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	780	238	1.41	PGS - Record # 5022320013000000004
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	1020	311	1.58	PGS - Record # 5022320013000000006
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	1290	393	1.53	PGS - Record # 5022320013000000008
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	1470	448	1.73	PGS - Record # 5022320013000000010
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	1830	558	1.80	PGS - Record # 5022320013000000013
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	2280	695	1.85	PGS - Record # 5022320013000000014
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	2490	759	1.99	PGS - Record # 5022320013000000016
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	2750	838	2.04	PGS - Record # 5022320013000000021
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	2990	911	1.98	PGS - Record # 5022320013000000026
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	3250	991	2.04	PGS - Record # 5022320013000000031
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	3350	1021	1.79	PGS - Record # 5022320013000000033

Quadrangle	Well Name	API Number	North Latitude	West Longitude	KB Elev (m)	KB Elev (ft)	Sample Depth (ft)	Sample Depth (m)	Mean Ro (%)	Source of Data
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	3750	1143	1.96	PGS - Record # 502232001300000039
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	4000	1219	2.05	PGS - Record # 502232001300000044
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	4250	1295	2.06	PGS - Record # 502232001300000049
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	4500	1372	2.26	PGS - Record # 502232001300000054
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	4760	1451	2.25	PGS - Record # 502232001300000058
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	5000	1524	2.05	PGS - Record # 502232001300000062
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	5250	1600	2.17	PGS - Record # 502232001300000066
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	5510	1679	2.46	PGS - Record # 502232001300000071
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	5750	1753	2.38	PGS - Record # 502232001300000075
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	6000	1829	2.38	PGS - Record # 502232001300000079
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	6240	1902	2.67	PGS - Record # 502232001300000083
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	6490	1978	3.02	PGS - Record # 502232001300000087
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	6750	2057	3.01	PGS - Record # 502232001300000092
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	7000	2134	3.13	PGS - Record # 502232001300000097
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	7250	2210	3.05	PGS - Record # 502232001300000101
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	7550	2301	2.34	PGS - Record # 502232001300000106
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	7750	2362	3.32	PGS - Record # 502232001300000110
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	8010	2441	3.51	PGS - Record # 502232001300000115
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	8250	2515	3.51	PGS - Record # 502232001300000121
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	8510	2594	3.40	PGS - Record # 502232001300000126
Sagavanirktok	Kemik Unit 2	50-223-20013	69.38639	147.15556	398	1306	8750	2667	3.37	PGS - Record # 502232001300000131
Sagavanirktok	Gyr #1	50-223-20018	69.65707	-147.27939	207	679	1020.4	311	0.34	USGS, Pawlewicz, 1993
Sagavanirktok	Gyr #1	50-223-20018	69.65707	-147.27939	207	679	1529	466	0.43	USGS, Pawlewicz, 1993
Sagavanirktok	Gyr #1	50-223-20018	69.65707	-147.27939	207	679	2041	622	0.44	USGS, Pawlewicz, 1993
Sagavanirktok	Gyr #1	50-223-20018	69.65707	-147.27939	207	679	2549	777	0.48	USGS, Pawlewicz, 1993
Sagavanirktok	Gyr #1	50-223-20018	69.65707	-147.27939	207	679	3028	923	0.4	USGS, Pawlewicz, 1993
Sagavanirktok	Gyr #1	50-223-20018	69.65707	-147.27939	207	679	3540	1079	0.44	USGS, Pawlewicz, 1993
Sagavanirktok	Gyr #1	50-223-20018	69.65707	-147.27939	207	679	4019	1225	0.51	USGS, Pawlewicz, 1993
Sagavanirktok	Gyr #1	50-223-20018	69.65707	-147.27939	207	679	4531	1381	0.53	USGS, Pawlewicz, 1993
Sagavanirktok	Gyr #1	50-223-20018	69.65707	-147.27939	207	679	5020	1530	0.59	USGS, Pawlewicz, 1993
Sagavanirktok	Gyr #1	50-223-20018	69.65707	-147.27939	207	679	5466	1666	0.5	USGS, Pawlewicz, 1993
Sagavanirktok	Gyr #1	50-223-20018	69.65707	-147.27939	207	679	6011	1832	0.6	USGS, Pawlewicz, 1993
Sagavanirktok	Gyr #1	50-223-20018	69.65707	-147.27939	207	679	6500	1981	0.7	USGS, Pawlewicz, 1993
Sagavanirktok	Gyr #1	50-223-20018	69.65707	-147.27939	207	679	7011	2137	0.65	USGS, Pawlewicz, 1993
Sagavanirktok	Gyr #1	50-223-20018	69.65707	-147.27939	207	679	7530	2295	0.87	USGS, Pawlewicz, 1993
Sagavanirktok	Gyr #1	50-223-20018	69.65707	-147.27939	207	679	7769	2368	0.65	USGS, Pawlewicz, 1993
Sagavanirktok	Gyr #1	50-223-20018	69.65707	-147.27939	207	679	7989	2435	0.91	USGS, Pawlewicz, 1993
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	1170.06	357	0.30	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	1350.07	411	0.34	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	1710.08	521	0.35	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	2070.1	631	0.36	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	2340.11	713	0.36	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	2610.13	796	0.36	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	2970.14	905	0.37	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	3183.16	970	0.39	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	3509.17	1070	0.38	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	3817.19	1163	0.39	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	4135.2	1260	0.37	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	4531.22	1381	0.37	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	4866.24	1483	0.37	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	5123.25	1561	0.42	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	5370.26	1637	0.41	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	5663.28	1726	0.44	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	5962.29	1817	0.36	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	6346.31	1934	0.41	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	6754.33	2059	0.39	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	7152.35	2180	0.41	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	7438.36	2267	0.47	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	7732.38	2357	0.41	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	8059.39	2456	0.43	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	8354.41	2546	0.43	MMS



Quadrangle	Well Name	API Number	North Latitude	West Longitude	KB Elev (m)	KB Elev (ft)	Sample Depth (ft)	Sample Depth (m)	Mean Ro (%)	Source of Data
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	8651.42	2637	0.44	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	8940.44	2725	0.51	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	9249.45	2819	0.49	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	9560.47	2914	0.56	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	9830.48	2996	0.55	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	10130.5	3088	0.61	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	10430.5	3179	0.58	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	10457.5	3187	0.60	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	10730.5	3271	0.60	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	11030.5	3362	0.60	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	11300.6	3444	0.62	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	11630.6	3545	0.63	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	11930.6	3636	0.63	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	12200.6	3719	0.65	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	12230.6	3728	0.63	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	12254.6	3735	0.62	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	12830.6	3911	0.74	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	13130.6	4002	0.71	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	13400.7	4084	0.78	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	13670.7	4167	0.79	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	13821.7	4213	0.89	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	14000.7	4267	0.86	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	14300.7	4359	0.91	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	14588.7	4446	1.05	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	14900.7	4542	1.17	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	14997.7	4571	1.10	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	15200.7	4633	1.15	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	15530.8	4734	1.23	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	15762.8	4804	1.51	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	15800.8	4816	1.48	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	16100.8	4907	1.47	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	16400.8	4999	1.57	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	16700.8	5090	1.69	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	16705.8	5092	1.59	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	16950.8	5166	1.73	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	17160.8	5230	1.56	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	17310.8	5276	1.72	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	17640.9	5377	1.90	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	17820.9	5432	2.05	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	18000.9	5486	2.11	MMS
Barter Island	Aurora # 1	55-141-00004	70.10917	142.78497	33	108	18325.9	5585	2.14	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	550.027	168	0.37	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	820.04	250	0.39	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	1090.05	332	0.40	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	1360.07	415	0.41	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	1630.08	497	0.41	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	1900.09	579	0.43	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	2170.11	661	0.43	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	2420.12	738	0.43	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	2690.13	820	0.42	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	2900.14	884	0.42	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	3257.16	993	0.44	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	3570.17	1088	0.46	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	3775.18	1151	0.45	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	3910.19	1192	0.44	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	4510.22	1375	0.44	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	4960.24	1512	0.46	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	5088.25	1551	0.45	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	5410.26	1649	0.48	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	5770.28	1759	0.50	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	5895.29	1797	0.49	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	6310.31	1923	0.47	MMS

Quadrangle	Well Name	API Number	North Latitude	West Longitude	KB Elev (m)	KB Elev (ft)	Sample Depth (ft)	Sample Depth (m)	Mean Ro (%)	Source of Data
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	6490.32	1978	0.51	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	7100.35	2164	0.50	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	7480.37	2280	0.54	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	7775.38	2370	0.49	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	8035.39	2449	0.52	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	8444.41	2574	0.55	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	8690.42	2649	0.57	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	8923.44	2720	0.60	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	9154.45	2790	0.61	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	9365.46	2854	0.60	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	9583.47	2921	0.61	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	9770.48	2978	0.61	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	10007.5	3050	0.63	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	10297.5	3139	0.63	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	10522.5	3207	0.63	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	10668.5	3252	0.64	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	10896.5	3321	0.67	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	11066.5	3373	0.70	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	11324.6	3452	0.74	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	11660.6	3554	0.70	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	11878.6	3620	0.74	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	12124.6	3695	0.71	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	12272.6	3741	0.81	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	12624.6	3848	0.78	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	12820.6	3908	0.79	MMS
Barter Island	Belcher # 1	55-141-00005	70.27522	141.51277	20	66	13042.6	3975	0.82	MMS
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	720	219	0.38	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	990	302	0.34	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	1530	466	0.23	GMC-Report 90
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	1530	466	0.23	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	2190	668	0.45	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	2370	722	0.37	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	2610	796	0.24	GMC-Report 90
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	2610	796	0.24	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	2640	805	0.37	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	2760	841	0.40	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	3231	985	0.23	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	3240	988	0.44	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	3334	1016	0.35	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	3480	1061	0.36	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	3518	1072	0.27	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	3600	1097	0.42	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	3666	1117	0.25	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	3690	1125	0.25	GMC-Report 90
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	3690	1125	0.25	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	3720	1134	0.34	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	3732	1138	0.28	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	3780	1152	0.34	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	3890	1186	0.29	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	3900	1189	0.35	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	3902	1189	0.25	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	3978	1212	0.25	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	4080	1244	0.30	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	4120	1256	0.24	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	4202	1281	0.36	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	4283	1305	0.39	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	4350	1326	0.33	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	4426	1349	0.29	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	4445	1355	0.29	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	4495	1370	0.31	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	4576	1395	0.30	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	4620	1408	0.34	GMC-Report 116

Quadrangle	Well Name	API Number	North Latitude	West Longitude	KB Elev (m)	KB Elev (ft)	Sample Depth (ft)	Sample Depth (m)	Mean Ro (%)	Source of Data
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	4620	1408	0.31	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	4680	1426	0.37	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	4688	1429	0.33	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	4764	1452	0.30	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	4770	1454	0.26	GMC-Report 90
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	4770	1454	0.26	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	4844	1476	0.32	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	4910	1497	0.36	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	4970	1515	0.25	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	5004	1525	0.26	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	5063	1543	0.30	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	5100	1554	0.24	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	5290	1612	0.37	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	5310	1618	0.39	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	5335	1626	0.38	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	5401	1646	0.39	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	5520	1682	0.36	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	5662	1726	0.38	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	5765	1757	0.33	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	5850	1783	0.29	GMC-Report 90
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	5850	1783	0.29	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	5903	1799	0.37	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	6060	1847	0.38	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	6072	1851	0.38	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	6074	1851	0.41	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	6212	1893	0.35	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	6330	1929	0.35	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	6380	1945	0.38	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	6390	1948	0.30	GMC-Report 90
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	6390	1948	0.30	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	6390	1948	0.37	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	6500	1981	0.40	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	6600	2012	0.39	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	6600	2012	0.37	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	6700	2042	0.37	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	6900	2103	0.36	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	6930	2112	0.28	GMC-Report 90
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	6930	2112	0.28	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	7000	2134	0.42	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	7200	2195	0.42	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	7300	2225	0.40	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	7450	2271	0.43	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	7470	2277	0.31	GMC-Report 90
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	7470	2277	0.31	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	7650	2332	0.40	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	7750	2362	0.44	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	7800	2377	0.39	GMC-Report 116
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	7976	2431	0.30	GMC-Report 90
Flaxman Island	Hammerhead #1	55-171-00001	70.36460	146.02440	12	39	7976	2431	0.30	GMC-Report 116
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	930	283	0.26	GMC-Report 119
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	1470	448	0.24	GMC-Report 119
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	2550	777	0.26	GMC-Report 119
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	2718	828	0.31	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	2951	899	0.28	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	3058	932	0.29	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	3347	1020	0.31	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	3493	1065	0.31	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	3587	1093	0.31	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	3630	1106	0.27	GMC-Report 119
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	3650	1113	0.30	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	3760	1146	0.25	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	3914	1193	0.29	GMC-Report 125

Quadrangle	Well Name	API Number	North Latitude	West Longitude	KB Elev (m)	KB Elev (ft)	Sample Depth (ft)	Sample Depth (m)	Mean Ro (%)	Source of Data
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	3975	1212	0.31	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	4284	1306	0.31	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	4367	1331	0.32	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	4699	1432	0.30	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	4710	1436	0.28	GMC-Report 119
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	4979	1518	0.33	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	5200	1585	0.33	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	5213	1589	0.33	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	5386	1642	0.33	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	5773	1760	0.40	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	5790	1765	0.31	GMC-Report 119
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	6005	1830	0.38	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	6141	1872	0.36	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	6187	1886	0.38	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	6429	1960	0.38	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	6463	1970	0.41	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	6827	2081	0.39	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	6870	2094	0.31	GMC-Report 119
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	7090	2161	0.38	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	7118	2170	0.43	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	7242	2207	0.40	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	7294	2223	0.40	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	7377	2249	0.43	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	7420	2262	0.46	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	7425	2263	0.38	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	7432	2265	0.40	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	7565	2306	0.41	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	7608	2319	0.43	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	7648	2331	0.45	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	7950	2423	0.34	GMC-Report 119
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	8108	2471	0.52	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	8449	2575	0.48	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	8736	2663	0.47	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	8935	2723	0.48	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	9030	2752	0.36	GMC-Report 119
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	9214	2808	0.49	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	9243	2817	0.40	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	9422	2872	0.44	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	9675	2949	0.46	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	9814	2991	0.50	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	9846	3001	0.48	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	9882	3012	0.52	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	9960	3036	0.49	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	9997	3047	0.52	GMC-Report 125
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	10000	3048	0.41	GMC-Report 119
Flaxman Island	Corona #1	55-171-00002	70.31463	144.75914	12	39	10000	3048	0.49	GMC-Report 125
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	630	192	0.52	MMS
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	780	238	0.19	GMC-Report 124
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	1050	320	0.26	GMC-Report 124
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	1080	329	0.24	GMC-Report 118
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	1110	338	0.29	MMS
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	1590	485	0.33	MMS
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	1680	512	0.24	GMC-Report 124
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	1830	558	0.38	MMS
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	2040	622	0.29	GMC-Report 124
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	2070	631	0.35	MMS
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	2160	658	0.23	GMC-Report 118
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	2310	704	0.34	MMS
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	2400	732	0.29	GMC-Report 124
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	2550	777	0.33	MMS
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	2580	786	0.26	GMC-Report 124
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	3030	924	0.33	MMS

Quadrangle	Well Name	API Number	North Latitude	West Longitude	KB Elev (m)	KB Elev (ft)	Sample Depth (ft)	Sample Depth (m)	Mean Ro (%)	Source of Data
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	3210	978	0.35	GMC-Report 124
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	3240	988	0.23	GMC-Report 118
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	3270	997	0.36	MMS
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	3510	1070	0.35	MMS
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	3660	1116	0.32	GMC-Report 124
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	3750	1143	0.44	MMS
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	3990	1216	0.44	MMS
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	4020	1225	0.35	GMC-Report 124
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	4230	1289	0.38	MMS
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	4320	1317	0.27	GMC-Report 118
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	4470	1362	0.40	MMS
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	4710	1436	0.43	MMS
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	4830	1472	0.33	GMC-Report 124
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	4950	1509	0.43	MMS
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	5190	1582	0.41	MMS
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	5280	1609	0.36	GMC-Report 124
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	5400	1646	0.29	GMC-Report 118
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	5430	1655	0.43	MMS
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	5430	1655	0.39	GMC-Report 124
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	5670	1728	0.44	MMS
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	5760	1756	0.33	GMC-Report 124
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	5910	1801	0.42	MMS
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	5940	1811	0.27	GMC-Report 118
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	6000	1829	0.36	GMC-Report 124
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	6150	1875	0.41	MMS
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	6180	1884	0.40	GMC-Report 124
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	6390	1948	0.41	MMS
Flaxman Island	Hammerhead #2	55-171-00006	70.37828	146.03123	12	39	6469	1972	0.28	GMC-Report 118
Offshore Canada	Edlok N-56		69.76409	-140.23984	12	40	656	200	0.14	Dixon, GSC
Offshore Canada	Edlok N-56		69.76409	-140.23984	12	40	1444	440	0.16	Dixon, GSC
Offshore Canada	Edlok N-56		69.76409	-140.23984	12	40	1575	480	0.14	Dixon, GSC
Offshore Canada	Edlok N-56		69.76409	-140.23984	12	40	2034	620	0.30	Dixon, GSC
Offshore Canada	Edlok N-56		69.76409	-140.23984	12	40	2395	730	0.29	Dixon, GSC
Offshore Canada	Edlok N-56		69.76409	-140.23984	12	40	2559	780	0.25	Dixon, GSC
Offshore Canada	Edlok N-56		69.76409	-140.23984	12	40	2789	850	0.33	Dixon, GSC
Offshore Canada	Edlok N-56		69.76409	-140.23984	12	40	3117	950	0.32	Dixon, GSC
Offshore Canada	Edlok N-56		69.76409	-140.23984	12	40	3314	1010	0.30	Dixon, GSC
Offshore Canada	Edlok N-56		69.76409	-140.23984	12	40	3478	1060	0.34	Dixon, GSC
Offshore Canada	Edlok N-56		69.76409	-140.23984	12	40	3806	1160	0.37	Dixon, GSC
Offshore Canada	Edlok N-56		69.76409	-140.23984	12	40	4298	1310	0.36	Dixon, GSC
Offshore Canada	Edlok N-56		69.76409	-140.23984	12	40	4626	1410	0.32	Dixon, GSC
Offshore Canada	Edlok N-56		69.76409	-140.23984	12	40	4987	1520	0.34	Dixon, GSC
Offshore Canada	Edlok N-56		69.76409	-140.23984	12	40	5446	1660	0.39	Dixon, GSC
Offshore Canada	Edlok N-56		69.76409	-140.23984	12	40	5611	1710	0.30	Dixon, GSC
Offshore Canada	Edlok N-56		69.76409	-140.23984	12	40	5742	1750	0.33	Dixon, GSC
Offshore Canada	Edlok N-56		69.76409	-140.23984	12	40	6037	1840	0.30	Dixon, GSC
Offshore Canada	Edlok N-56		69.76409	-140.23984	12	40	7153	2180	0.62	Dixon, GSC
Offshore Canada	Edlok N-56		69.76409	-140.23984	12	40	7382	2250	0.75	Dixon, GSC
Offshore Canada	Edlok N-56		69.76409	-140.23984	12	40	7579	2310	0.97	Dixon, GSC
Offshore Canada	Edlok N-56		69.76409	-140.23984	12	40	7776	2370	0.59	Dixon, GSC
Offshore Canada	Edlok N-56		69.76409	-140.23984	12	40	8170	2490	0.68	Dixon, GSC
Offshore Canada	Natsek E-56	90-023-85775	69.75596	-139.74294	12	38	3100	945	0.53	Dixon, GSC
Offshore Canada	Natsek E-56	90-023-85775	69.75596	-139.74294	12	38	3100	945	0.45	Dixon, GSC
Offshore Canada	Natsek E-56	90-023-85775	69.75596	-139.74294	12	38	5750	1753	0.52	Dixon, GSC
Offshore Canada	Natsek E-56	90-023-85775	69.75596	-139.74294	12	38	5800	1768	0.47	Dixon, GSC
Offshore Canada	Natsek E-56	90-023-85775	69.75596	-139.74294	12	38	6450	1966	0.54	Dixon, GSC
Offshore Canada	Natsek E-56	90-023-85775	69.75596	-139.74294	12	38	6700	2042	0.53	Dixon, GSC
Offshore Canada	Natsek E-56	90-023-85775	69.75596	-139.74294	12	38	7150	2179	0.56	Dixon, GSC
Offshore Canada	Natsek E-56	90-023-85775	69.75596	-139.74294	12	38	7400	2255	0.57	Dixon, GSC
Offshore Canada	Natsek E-56	90-023-85775	69.75596	-139.74294	12	38	7800	2377	0.59	Dixon, GSC
Offshore Canada	Natsek E-56	90-023-85775	69.75596	-139.74294	12	38	8200	2499	0.62	Dixon, GSC

Quadrangle	Well Name	API Number	North Latitude	West Longitude	KB Elev (m)	KB Elev (ft)	Sample Depth (ft)	Sample Depth (m)	Mean Ro (%)	Source of Data
Offshore Canada	Natsek E-56	90-023-85775	69.75596	-139.74294	12	38	8500	2591	0.66	Dixon, GSC
Offshore Canada	Natsek E-56	90-023-85775	69.75596	-139.74294	12	38	8922	2719	0.75	Dixon, GSC
Offshore Canada	Natsek E-56	90-023-85775	69.75596	-139.74294	12	38	9250	2819	0.72	Dixon, GSC
Offshore Canada	Natsek E-56	90-023-85775	69.75596	-139.74294	12	38	9578	2919	0.63	Dixon, GSC
Offshore Canada	Natsek E-56	90-023-85775	69.75596	-139.74294	12	38	9774	2979	0.55	Dixon, GSC
Offshore Canada	Natsek E-56	90-023-85775	69.75596	-139.74294	12	38	10037	3059	0.73	Dixon, GSC
Offshore Canada	Natsek E-56	90-023-85775	69.75596	-139.74294	12	38	10365	3159	0.72	Dixon, GSC
Offshore Canada	Natsek E-56	90-023-85775	69.75596	-139.74294	12	38	10693	3259	0.69	Dixon, GSC
Offshore Canada	Natsek E-56	90-023-85775	69.75596	-139.74294	12	38	11021	3359	0.73	Dixon, GSC
Offshore Canada	Natsek E-56	90-023-85775	69.75596	-139.74294	12	38	11218	3419	0.78	Dixon, GSC
Offshore Canada	Natsek E-56	90-023-85775	69.75596	-139.74294	12	38	11414	3479	0.72	Dixon, GSC
Offshore Canada	Natsek E-56	90-023-85775	69.75596	-139.74294	12	38	11564	3525	0.81	Dixon, GSC

**Table VR-3. Conodont Color Alteration Index Data from ANWR Area Outcrops**

Record No.	Quadrangle	North Latitude	West Longitude	Sample No.	Conodont Age	Rock Unit	Min CAI	Max CAI	Collector	CAI Determination by
CO-1155	Philip Smith Mts	68.00067	149.57500	84DN199	U. Devonian		5.5	5.5	J.T. Dillon	A.G. Harris
CO-0264	Philip Smith Mts	68.02000	147.81500	82TR22B	M. Devonian		5.0	5.0	I. Tailleux	A.G. Harris
CO-0593	Philip Smith Mts	68.05000	148.23333	85TR52A	M.-U. Silurian		5.0	5.0	I. Tailleux	A.G. Harris
CO-0692	Philip Smith Mts	68.05000	148.23333	85TR52A	M.-U. Silurian	Skajit Fm	5.0	5.5	I. Tailleux	A.G. Harris
CO-0265	Philip Smith Mts	68.05167	147.81500	82TR21B	M. Devonian	Baird Gp	5.0	5.0	I. Tailleux	A.G. Harris
CO-0784	Table Mountain	68.11667	142.55000	6249-11	L. Mississippian		4.0	4.5	AMOCO	A.G. Harris
CO-0772	Philip Smith Mts	68.15667	147.34167	6791-12	U. Mississippian		5.5	6.0	AMOCO	A.G. Harris
CO-1152	Philip Smith Mts	68.16833	148.50000	6249-11	U. Devonian	Hunt Fork Sh	5.0	5.0	AMOCO	A.G. Harris
CO-0266	Philip Smith Mts	68.18000	147.63333	82TR24B	M. Devonian		4.5	5.0	I. Tailleux	A.G. Harris
CO-0267	Philip Smith Mts	68.20633	147.55133	JFY-2-84	U. Devonian		5.0	5.0	Jefferies	A.G. Harris
CO-0592	Philip Smith Mts	68.21333	147.56667	85TR51G2	M. Ordovician—M. Devonian		5.0	5.0	I. Tailleux	A.G. Harris
CO-0594	Philip Smith Mts	68.21333	147.57000	85TR51F	Silurian—Permian		5.0	5.0	I. Tailleux	A.G. Harris
CO-0596	Philip Smith Mts	68.21500	147.56333	85TR51D	L. U. Devonian		5.0	5.0	I. Tailleux	A.G. Harris
CO-0691	Philip Smith Mts	68.21500	147.56333	85TR51D	L. U. Devonian	Beaucoup Fm	5.0	5.5	I. Tailleux	A.G. Harris
CO-0595	Philip Smith Mts	68.21667	147.56000	85TR50C	M.-U. Devonian		5.0	5.0	I. Tailleux	A.G. Harris
CO-0597	Philip Smith Mts	68.21833	147.56000	85TR50A	U. Devonian		5.0	5.0	I. Tailleux	A.G. Harris
CO-1158	Philip Smith Mts	68.22500	147.57500	84JFY61A	M. Ordovician—M. Devonian		5.0	5.0	Jefferies	A.G. Harris
CO-0263	Philip Smith Mts	68.22533	148.03167	84JFY93	U. M.-U. Devonian		4.5	5.0	D.L. Jones	A.G. Harris
CO-1157	Philip Smith Mts	68.22833	148.04167	84JFY93B	U. Devonian		5.0	5.0	Jefferies	A.G. Harris
CO-1156	Philip Smith Mts	68.22833	148.04500	JFY93C	U. Devonian		5.0	5.0	Jefferies	A.G. Harris
CO-0781	Table Mountain	68.23333	141.43333	6249-77	U. Mississippian		6.5	6.5	AMOCO	A.G. Harris
CO-0771	Philip Smith Mts	68.25500	147.07500	6264-17	L. Mississippian		5.0	5.0	AMOCO	A.G. Harris
CO-0262	Philip Smith Mts	68.30167	147.50000	82TR44A	U. Devonian	Baird Gp	4.5	5.0	W.P. Brosgé	A.G. Harris
CO-1150	Philip Smith Mts	68.30667	147.57500	6249-171	M.-U. Devonian	Skajit Ls	5.5	5.5	AMOCO	A.G. Harris
CO-1162	Philip Smith Mts	68.31167	146.06667	84JFY56	U. Devonian	Beaucoup Fm	5.0	5.0	Jefferies	A.G. Harris
CO-1151	Philip Smith Mts	68.31667	147.28333	ARO-74	M.-U. Devonian		5.0	5.0	AMOCO	A.G. Harris
CO-1153	Philip Smith Mts	68.31667	147.28333	6503-19	U. Devonian		5.0	5.0	AMOCO	A.G. Harris
CO-1154	Philip Smith Mts	68.32333	147.58333	6651-24	U. Devonian		5.0	5.0	AMOCO	A.G. Harris
CO-1160	Philip Smith Mts	68.33333	147.23000	84JFY59	L. Silurian—U. Devonian		5.0	5.0	Jefferies	A.G. Harris
CO-1161	Philip Smith Mts	68.33500	147.06167	84JFY57	L. Silurian—U. Devonian		5.0	5.0	Jefferies	A.G. Harris
CO-1173	Table Mountain	68.38333	142.08333	ARO-71	Devonian		5.0	5.0	AMOCO	A.G. Harris
CO-0599	Philip Smith Mts	68.46167	149.25667	85AKA21	U. Miss—L. Perm	Echooka Fm	2.0	2.0	K.E. Adams	A.G. Harris
CO-0598	Philip Smith Mts	68.46167	149.25833	85AKA21A	Mississippian—Triassic	Lisburne Gp	3.0	3.0	K.E. Adams	A.G. Harris
CO-0260	Philip Smith Mts	68.46167	149.26167	82TR06C	L.-M. Pennsylvanian		1.5	1.5	I. Tailleux	A.G. Harris
CO-0261	Philip Smith Mts	68.46167	149.26167	82TR06B	U. Mississippian	Lisburne Gp	1.5	1.5	I. Tailleux	A.G. Harris
CO-0785	Table Mountain	68.46667	141.83333	6249-132	U. Mississippian	Lisburne Gp	4.0	4.0	AMOCO	A.G. Harris
CO-0786	Table Mountain	68.46667	141.83333	HRL-11	U. Mississippian	Lisburne Gp	4.5	4.5	AMOCO	A.G. Harris
CO-0259	Philip Smith Mts	68.48333	149.23333	82TR05B	M.-U. Triassic	Otuk Fm	2.0	2.0	I. Tailleux	A.G. Harris
CO-1159	Philip Smith Mts	68.50000	147.00000	84JFY60	U. Devonian		5.0	5.0	Jefferies	A.G. Harris
CO-0783	Table Mountain	68.55000	142.08333	6249-89	U. Mississippian		5.0	5.0	AMOCO	A.G. Harris
CO-0601	Philip Smith Mts	68.55167	148.50000	85AKA22-0	Penn—L. Permian	Lisburne Gp	4.0	4.0	K.E. Adams	A.G. Harris
CO-0602	Philip Smith Mts	68.55167	148.50000	85AKA21-32	U. Permian	Lisburne Gp	2.0	3.0	K.E. Adams	A.G. Harris
CO-1316	Yukon Territory	68.69667	139.83333	85TR77	U. Triassic	Shublik Fm	4.0	4.0	I. Tailleux	
CO-1312	Yukon Territory	68.71000	139.81667	85TR75A1	L. Pennsylvanian	Lisburne Gp	4.0	4.0	I. Tailleux	
CO-1315	Yukon Territory	68.71333	139.83000	85TR76A1	M. Permian	Sadlerochit Gp	4.0	4.0	I. Tailleux	
CO-0782	Table Mountain	68.78333	141.41667	6249-80	U. Mississippian		6.5	6.5	AMOCO	A.G. Harris
CO-0787	Table Mountain	68.80000	142.83333	6501-8	L. Pennsylvanian		4.0	4.5	AMOCO	A.G. Harris
CO-1494	Philip Smith Mts	68.81667	147.97833	89MR38A	L. Penn—L. Perm	Lisburne Gp	4.0	4.0	J.G. Clough	A.G. Harris
CO-1500	Philip Smith Mts	68.81667	147.97833	89MR-38B	U.L.-L.U. Permian	Echooka Fm	4.0	4.0	J.G. Clough	A.G. Harris
CO-1495	Philip Smith Mts	68.81833	147.72000	89MR51-OA	U. Mississippian	Lisburne Gp	4.5	5.0	J.G. Clough	A.G. Harris
CO-1496	Philip Smith Mts	68.81833	147.72000	89MR51-523	U. Mississippian	Lisburne Gp	5.0	5.0	J.G. Clough	A.G. Harris
CO-0780	Table Mountain	68.85000	142.20000	6246	U. Mississippian	Lisburne Gp	5.0	5.0	AMOCO	A.G. Harris
CO-1488	Philip Smith Mts	68.91667	148.07833	89JC501-1B	L. U. Mississippian	Lisburne Gp	6.0	7.0	J.G. Clough	A.G. Harris
CO-1490	Philip Smith Mts	68.92167	148.07833	89JC50121B	L. Pennsylvanian	Lisburne Gp	4.0	4.0	J.G. Clough	A.G. Harris
CO-1491	Philip Smith Mts	68.92667	148.08000	89JC50137B	U.L.-L.M. Pennsylvanian	Lisburne Gp	4.0	6.5	J.G. Clough	A.G. Harris
CO-1492	Philip Smith Mts	68.95833	147.63667	89MR36A	L.-L.M. Pennsylvanian	Lisburne Gp	3.5	3.5	J.G. Clough	A.G. Harris
CO-1493	Philip Smith Mts	68.95833	147.63667	89MR36B	L. Penn—U. Permian	Echooka Fm	3.0	4.0	J.G. Clough	A.G. Harris
CO-0788	Table Mountain	68.96667	141.36667	6500-14	L. Pennsylvanian		4.0	4.0	AMOCO	A.G. Harris
CO-0789	Table Mountain	68.96667	143.40000	6788-15	U. Mississippian	Lisburne Gp	5.0	5.5	AMOCO	A.G. Harris



Record No.	Quadrangle	North Latitude	West Longitude	Sample No.	Conodont Age	Rock Unit	Min CAI	Max CAI	Collector	CAI Determination by
CO-1497	Phillip Smith Mts	68.98333	147.84667	89MR-55C	M. U. Mississippian	Lisburne Gp	5.0	6.0	J.G. Clough	A.G. Harris
CO-1498	Phillip Smith Mts	68.98333	147.84667	89MR-56D	M. U. Mississippian	Lisburne Gp	5.0	7.0	J.G. Clough	A.G. Harris
CO-1364	Table Mountain	68.99167	141.43333	88TR26A	L. M. Pennsylvanian	Lisburne Gp	4.0	4.0	I. Tailleux	A.G. Harris
CO-1365	Table Mountain	68.99167	141.43333	88TR26B	L. M. Pennsylvanian	Lisburne Gp	4.0	4.0	I. Tailleux	A.G. Harris
CO-1307	Yukon Territory	69.01500	139.50000	85TR64C	Silurian—L. Triassic		6.0	6.0	I. Tailleux	
CO-1063	Mt. Michelson	69.02000	146.93667	87KW-Z-0.0	L. Pennsylvanian		5.0	5.0	K.F. Watts	A.G. Harris
	Sagavanirktok	69.02333	147.00167	SKM91D	U.Miss-L.Penn	Lisburne Gp	5.0	6.5	S. Morgan	Harris? (PDF 94-25)
CO-1039	Demarcation Pt.	69.03000	142.66833	87KW49	L. U. Mississippian		4.5	4.5	K.F. Watts	
CO-1045	Demarcation Pt.	69.03000	142.66833	87KW46C	Mississippian		3.5	4.0	K.F. Watts	
CO-1139	Demarcation Pt.	69.04000	141.19000	6249FCH712	M.-U. Devonian		5.0	5.0	AMOCO	
CO-1479	Demarcation Pt.	69.04000	143.04667	89A-48G1	M. U. Mississippian	Kayak Sh	4.5	4.5	K.F. Watts	
CO-1480	Demarcation Pt.	69.04000	143.04667	89A-48I1	U. U. Mississippian	Lisburne Gp	4.5	4.5	K.F. Watts	
CO-1481	Demarcation Pt.	69.04000	143.04667	89A-48I2	L.-U. Mississippian	Lisburne Gp	4.5	4.5	K.F. Watts	
CO-1040	Demarcation Pt.	69.04167	142.77500	87KW54	U. Mississippian		4.5	4.5	K.F. Watts	
CO-1044	Demarcation Pt.	69.04167	142.77500	87KW53A	Pennsylvanian		4.5	4.5	K.F. Watts	
CO-0778	Sagavanirktok	69.05000	147.66667	5461-10	Pennsylvanian	Lisburne Gp	6.0	7.0	AMOCO	A.G. Harris
CO-1489	Sagavanirktok	69.06833	147.68333	89IM64	U. Mississippian	Lisburne Gp	4.5	5.0	J.G. Clough	A.G. Harris
CO-1046	Demarcation Pt.	69.07500	142.64667	87KW44B	L.-M. Pennsylvanian		4.0	4.5	K.F. Watts	
CO-1047	Demarcation Pt.	69.07500	142.64667	87KW44B	L.-M. Pennsylvanian		4.0	4.5	K.F. Watts	A.G. Harris
CO-1499	Sagavanirktok	69.10667	147.66333	89MR-42C	M. Pennsylvanian	Lisburne Gp	4.5	5.0	J.G. Clough	A.G. Harris
CO-1484	Mt. Michelson	69.12500	146.44667	89KWC-4.0	L. Pennsylvanian	Lisburne Gp	4.0	6.0	K.F. Watts	A.G. Harris
	Mt. Michelson	69.12666	146.43333	SKM91C	L. Pennsylvanian	Lisburne Gp	5.0	7.0	S. Morgan	Harris? (PDF 94-25)
CO-1483	Mt. Michelson	69.12667	146.44167	89KW4B-42	L.-M. Pennsylvanian	Lisburne Gp	4.0	4.0	K.F. Watts	A.G. Harris
CO-0756	Demarcation Pt.	69.13333	142.75000	5577-11	Pennsylvanian		4.5	5.0	AMOCO	A.G. Harris
CO-0779	Sagavanirktok	69.13333	147.58333	5570-4	L. Pennsylvanian		4.5	4.5	AMOCO	A.G. Harris
	Demarcation Pt.	69.14500	142.30333	ME92C	Mississippian	Lisburne	4.0	6.0	M. Eckstein	Harris? (PDF 94-25)
CO-1049	Demarcation Pt.	69.15500	142.15000	87KW39	U. L.-M. Pennsylvanian		4.0	4.5	K.F. Watts	A.G. Harris
CO-1334	Demarcation Pt.	69.15667	142.57667	88LR-83G	U. Mississippian—L. L. Perm		5.0	5.5	C.L. Hanks	A.G. Harris
CO-1482	Mt. Michelson	69.16333	146.47000	89KWA122.3	M. Pennsylvanian	Lisburne Gp	5.5	6.0	K.F. Watts	A.G. Harris
CO-1337	Demarcation Pt.	69.16500	142.57000	88LR-83A	L. Mississippian		5.0	5.5	C.L. Hanks	A.G. Harris
CO-0237	Mt. Michelson	69.16667	144.63667	68ARR46	Mississippian—Permian	Neruokpuk contact	5.0	5.0	H.N. Reiser	A.G. Harris
CO-1486	Sagavanirktok	69.17667	147.58333	89IM-20	L. Pennsylvanian	Lisburne Gp	4.0	4.0		A.G. Harris
CO-0755	Demarcation Pt.	69.21667	141.75000	5576-48	U. Mississippian	Lisburne Gp	5.0	5.0	AMOCO	A.G. Harris
CO-1339	Mt. Michelson	69.25167	146.16667	87PGF112.5	U. U. Mississippian		4.0	6.0	P.D. Gruzlovic	A.G. Harris
CO-1340	Mt. Michelson	69.25167	146.16667	87PGF-112	U. Mississippian		4.0	4.0	P.D. Gruzlovic	A.G. Harris
CO-1341	Mt. Michelson	69.25167	146.16667	87PGF-0.0	U. U. Mississippian		5.0	5.5	P.D. Gruzlovic	A.G. Harris
CO-1342	Mt. Michelson	69.25167	146.16667	87PGG-41.0	U. Mississippian		5.0	6.0	P.D. Gruzlovic	A.G. Harris
CO-1338	Mt. Michelson	69.25167	146.18667	87PGF245.5	L.-L.M. Pennsylvanian		4.5	5.0	P.D. Gruzlovic	A.G. Harris
CO-0584	Mt. Michelson	69.26000	144.43667	86TR11B	U. Mississippian—L. Penn		6.5	6.5	I. Tailleux	A.G. Harris
	Demarcation Pt.	69.26660	143.53333	CS5-02	Mississippian	Lisburne	5.5	5.5	P. Peapples	Harris? (PDF 94-25)
	Demarcation Pt.	69.28333	143.48333	CS8-6-01	L. Pennsylvanian	Lisburne	5.5	6.0	P. Peapples	Harris? (PDF 94-25)
CO-1038	Demarcation Pt.	69.28667	143.67500	86KW41	Mississippian—Permian		5.0	5.0	K.F. Watts	A.G. Harris
CO-0473	Demarcation Pt.	69.28833	140.23000	85TR70A1	Mississippian—Permian	Lisburne Gp	3.0	3.0	I. Tailleux	A.G. Harris
CO-1352	Demarcation Pt.	69.29000	143.49167	88KW23	L. Pennsylvanian	Lisburne Gp	5.0	5.5	K.F. Watts	A.G. Harris
CO-1361	Mt. Michelson	69.31167	146.08333	88TR25A	L. M. Pennsylvanian	Lisburne Gp	4.0	4.0	I. Tailleux	A.G. Harris
CO-1362	Mt. Michelson	69.31167	146.08333	88TR25B	L. M. Pennsylvanian	Lisburne Gp	4.0	4.0	I. Tailleux	A.G. Harris
CO-1363	Mt. Michelson	69.31167	146.08333	88TR25C	M. Pennsylvanian—L. Perm	Lisburne Gp	4.0	4.0	I. Tailleux	A.G. Harris
CO-1353	Demarcation Pt.	69.31667	143.33333	88KW18	L. Pennsylvanian		5.0	5.0	K.F. Watts	A.G. Harris
CO-0236	Mt. Michelson	69.32833	146.06667	82TR27	Pennsylvanian—L. Permian	Lisburne Gp	4.5	5.0	I. Tailleux	A.G. Harris
CO-0770	Mt. Michelson	69.33333	145.58333	5565-20	U. Mississippian		5.0	5.0	AMOCO	A.G. Harris
	Demarcation Pt.	69.33472	142.06389	90ADL15-125.6	Mississippian	Lisburne	4.5	5.5	D. LePain	Harris? (PDF 94-25)
CO-1336	Demarcation Pt.	69.33917	143.93500	88LR-57B	L. Mississippian		4.5	4.5	C.L. Hanks	A.G. Harris
CO-0474	Demarcation Pt.	69.34167	140.05833	85TR69A1	L. Mississippian—L. Triassic	Lisburne Gp	3.0	3.5	I. Tailleux	A.G. Harris
CO-1343	Mt. Michelson	69.34500	145.62667	87PGD355.3	U. Mississippian		5.5	6.0	P.D. Gruzlovic	A.G. Harris
CO-1344	Mt. Michelson	69.34500	145.62667	87PGD-285	Mississippian		5.0	5.0	P.D. Gruzlovic	A.G. Harris
CO-1345	Mt. Michelson	69.35167	145.64500	87PGD-12.0	Mississippian		5.0	5.0	P.D. Gruzlovic	A.G. Harris
CO-0983	(Yukon)	69.35667	139.55000	85TR81	L.-M. Devonian		5.0	5.5	I. Tailleux	
CO-1309	(Yukon)	69.35667	139.55000	85TR81A	M.-U. Devonian	Road River Fm	5.0	5.5	I. Tailleux	
CO-0471	Demarcation Pt.	69.35833	143.84333	85TR12	U. Mississippian	Lisburne Gp	5.5	6.0	I. Tailleux	A.G. Harris
CO-1355	Demarcation Pt.	69.36000	143.83333	88KW10C	L. Pennsylvanian		3.5	3.5	K.F. Watts	A.G. Harris
	Mt. Michelson	69.36666	147.23056	91ADL5-148.2	Mississippian	Lisburne	6.0	6.5	D. LePain	Harris? (PDF 94-25)



Record No.	Quadrangle	North Latitude	West Longitude	Sample No.	Conodont Age	Rock Unit	Min CAI	Max CAI	Collector	CAI Determination by
CO-0472	Demarcation Pt.	69.36833	143.67667	85TR11A	U. Mississippian—M. Penn	Lisburne Gp	5.5	5.5	I. Tailleux	A.G. Harris
CO-0475	Demarcation Pt.	69.36833	143.67667	85TR11B	L.-M. Pennsylvanian	Lisburne Gp	2.5	2.5	I. Tailleux	A.G. Harris
CO-1485	Demarcation Pt.	69.37333	143.94000	89KWD-2.0	U. Mississippian—L. L. Perm	Lisburne Gp	5.0	5.5	K.F. Watts	A.G. Harris
CO-1335	Demarcation Pt.	69.37500	142.69333	88LR-70C	Mississippian		5.0	5.0	C.L. Hanks	A.G. Harris
CO-1423	Demarcation Pt.	69.38333	143.13000	88KWD4.1	U. Mississippian—L. Permian	Lisburne Gp	5.0	5.0	K.F. Watts	A.G. Harris
CO-1351	Demarcation Pt.	69.38500	143.04500	88F-0.0	L. Pennsylvanian	Lisburne Gp	5.0	5.5	K.F. Watts	A.G. Harris
CO-1424	Demarcation Pt.	69.38500	143.04500	88KWF133.0	U. Mississippian—L. Penn	Lisburne Gp	5.5	6.5	K.F. Watts	A.G. Harris
	Demarcation Pt.	69.38833	142.04000	ME92A	U. Mississippian	Lisburne Gp	5.5	6.0	M. Eckstein	Harris? (PDF 94-25)
	Demarcation Pt.	69.39833	142.85333	ME92B	Mississippian	Lisburne/Kayak	5.5	6.0	M. Eckstein	Harris? (PDF 94-25)
CO-1043	Demarcation Pt.	69.39833	142.84667	88C-465.0	L. U. Mississippian—L. Perm		6.0	6.0	K.F. Watts	A.G. Harris
CO-1354	Demarcation Pt.	69.40000	142.84500	88C-315.5	U. Mississippian—L. Perm		4.5	5.0	K.F. Watts	A.G. Harris
CO-1042	Demarcation Pt.	69.40500	143.83333	88C-191.0	L. U. Mississippian	Lisburne Gp	5.5	6.0	K.F. Watts	A.G. Harris
	Demarcation Pt.	69.41389	141.07500	90ADL12-173.4	Mississippian	Kayak	4.5	5.5	D. LePain	Harris? (PDF 94-25)
	Demarcation Pt.	69.41666	141.13888	90ADL13-310	Mississippian	Lisburne	6.0	6.0	D. LePain	Harris? (PDF 94-25)
CO-0700	Demarcation Pt.	69.41667	141.00000	85TR83A	M. Pennsylvanian	Lisburne Gp	3.0	3.0	I. Tailleux	A.G. Harris
CO-1314	Demarcation Pt.	69.41667	141.00000	85TR83A1	M. Pennsylvanian		4.0	6.0	I. Tailleux	A.G. Harris
CO-0754	Demarcation Pt.	69.41667	141.16667	5579	U. Mississippian		5.0	5.0	AMOCO	A.G. Harris
CO-1061	Mt. Michelson	69.42833	144.47167	87KW-X-0.0	U. Mississippian		5.0	5.0	K.F. Watts	A.G. Harris
CO-1066	Mt. Michelson	69.43667	144.31000	87KW32	Pennsylvanian		5.0	5.0	K.F. Watts	A.G. Harris
CO-0476	Demarcation Pt.	69.44833	143.46833	85TR17B+C	L.-M. Pennsylvanian	Lisburne Gp	5.5	6.5	I. Tailleux	A.G. Harris
CO-1425	Demarcation Pt.	69.47500	143.12167	86LR-48	U. L. Penn—M. L. Perm	Lisburne Gp	4.0	4.0	C.L. Hanks	A.G. Harris
CO-1310	Demarcation Pt.	69.47667	140.54667	85TR80.1	U. Mississippian	Lisburne Gp	4.0	4.5	I. Tailleux	A.G. Harris
CO-1041	Demarcation Pt.	69.47667	143.10333	86KW-X-161	U. U. Miss—M. Penn		6.0	6.0	K.F. Watts	A.G. Harris
	Demarcation Pt.	69.48333	143.12083	90ADL6-174	Mississippian	Kayak	4.5	6.5	D. LePain	Harris? (PDF 94-25)
CO-1313	Demarcation Pt.	69.48500	140.58833	81TR79.1	L.-M. Pennsylvanian	Lisburne Gp	3.5	4.0	I. Tailleux	A.G. Harris
CO-1308	Demarcation Pt.	69.48667	140.31667	85TR84	Silurian—L. Triassic		3.0	4.0	I. Tailleux	A.G. Harris
CO-0701	Mt. Michelson	69.48667	144.31500	85TR85	Mississippian—Penn	Lisburne Gp	3.0	4.0	I. Tailleux	A.G. Harris
CO-1356	Demarcation Pt.	69.48833	142.10000	87KVV-0.0	L.-M. Pennsylvanian		4.0	4.0	K.F. Watts	A.G. Harris
CO-1357	Demarcation Pt.	69.48833	142.10000	87KVV-143	U. Mississippian		5.5	6.0	K.F. Watts	A.G. Harris
CO-1358	Demarcation Pt.	69.48833	142.10000	87KVV145.8	U. Mississippian		4.0	6.0	K.F. Watts	A.G. Harris
CO-1359	Demarcation Pt.	69.48833	142.10000	87KVV-146	U. Mississippian		4.0	4.0	K.F. Watts	A.G. Harris
CO-1360	Demarcation Pt.	69.48833	142.10000	88AD14A	U. Mississippian		6.0	6.0	K.F. Watts	A.G. Harris
CO-1048	Demarcation Pt.	69.49667	143.11833	87KW-V-2.5	L.-M. Pennsylvanian		4.0	4.5	K.F. Watts	A.G. Harris
CO-1448	Mt. Michelson	69.49667	146.04833	89ABD1	M.-U. Ordovician	Nanook Ls	3.5	6.0	R.B. Blodgett	A.G. Harris
CO-1449	Mt. Michelson	69.49667	146.04833	89ABD2	M.-U. Ordovician	Nanook Ls	3.5	3.5	R.B. Blodgett	A.G. Harris
CO-1450	Mt. Michelson	69.49667	146.04833	89ABD3	L.-M. Devonian	Nanook Ls	3.5	4.0	R.B. Blodgett	A.G. Harris
CO-1428	Demarcation Pt.	69.50000	142.91500	86LR-91	M. U. Mississippian	Lisburne Gp	3.5	3.5	C.L. Hanks	A.G. Harris
CO-1426	Demarcation Pt.	69.50000	142.92333	86LR-62	L.-M. Pennsylvanian	Lisburne Gp	4.0	4.0	C.L. Hanks	A.G. Harris
CO-0569	Mt. Michelson	69.52000	145.62667	85RB107	M. Ordovician—M. Dev		4.0	4.5	R.B. Blodgett	A.G. Harris
CO-0574	Mt. Michelson	69.52000	145.63667	87NA-1-140	M. Silurian—U. L. Dev	Nanook Ls	4.0	4.0	R.B. Blodgett	A.G. Harris
CO-0573	Mt. Michelson	69.52000	145.64000	87NA-1-5	U. Ordovician	Nanook Ls	4.0	4.0	R.B. Blodgett	A.G. Harris
CO-0233	Mt. Michelson	69.52333	145.67500	68ARR4	M. Ordovician—M. Dev	Nanook Ls	4.0	4.0	H.N. Reiser	A.G. Harris
CO-0570	Mt. Michelson	69.52500	145.55167	85RB108	M. Ordovician—M. Dev		4.0	4.0	R.B. Blodgett	A.G. Harris
CO-0575	Mt. Michelson	69.52500	145.55333	87NA-2-370	L. Devonian	Nanook Ls	4.0	4.0	R.B. Blodgett	A.G. Harris
CO-0566	Mt. Michelson	69.52500	145.78833	NA1585	L. Ordovician	Nanook Ls	6.0	7.0	J.G. Clough	A.G. Harris
CO-0567	Mt. Michelson	69.52500	145.78833	NA1763	M. Ordovician	Nanook Ls	4.0	4.5	J.G. Clough	A.G. Harris
CO-0568	Mt. Michelson	69.52667	145.68000	85RB97A	M. Ordovician—Silurian		3.0	4.0	R.B. Blodgett	A.G. Harris
CO-0571	Mt. Michelson	69.52667	145.68000	85RB98	M. Ordovician—M. Dev		4.0	4.0	R.B. Blodgett	A.G. Harris
CO-0576	Mt. Michelson	69.52667	145.68000	85RB99	L. Devonian		4.0	4.0	R.B. Blodgett	A.G. Harris
CO-0572	Mt. Michelson	69.52833	145.55333	87NA-2-25	M.-U. Ordovician	Nanook Ls	4.0	4.0	R.B. Blodgett	A.G. Harris
	Demarcation Pt.	69.53056	142.78333	90ADL7-168	Mississippian	Kayak	5.5	6.0	D. LePain	Harris? (PDF 94-25)
CO-0583	Mt. Michelson	69.53167	145.20000	84TR22D	L.-M. Pennsylvanian	Lisburne Gp	3.5	3.5	I. Tailleux	A.G. Harris
CO-1385	Demarcation Pt.	69.53333	142.75000	86LR-81	U. Mississippian—M. L. Perm		4.0	4.0	C.L. Hanks	A.G. Harris
CO-1386	Demarcation Pt.	69.53333	142.75000	86LR-75	L. Pennsylvanian		2.0	3.0	C.L. Hanks	A.G. Harris
CO-1427	Demarcation Pt.	69.53333	142.75167	86LR-74	U. Mississippian	Lisburne Gp	3.0	3.0	C.L. Hanks	A.G. Harris
CO-0588	Mt. Michelson	69.53667	145.20000	84TR22C	M. Triassic	Shublik Fm	4.5	4.5	I. Tailleux	A.G. Harris
CO-1384	Demarcation Pt.	69.54333	142.65000	87LR-9	U. Mississippian—M. L. Perm		3.0	3.0	C.L. Hanks	A.G. Harris
	Demarcation Pt.	69.54917	142.42500	90ADL10-159.8	Mississippian	Kayak	4.0	6.0	D. LePain	Harris? (PDF 94-25)
CO-1383	Demarcation Pt.	69.56750	142.55833	87LR-11C	L.-M. Pennsylvanian		4.0	4.0	C.L. Hanks	A.G. Harris
CO-0768	Mt. Michelson	69.58333	144.58333	5560-30	U. Mississippian		4.0	4.0	AMOCO	A.G. Harris
CO-1065	Mt. Michelson	69.58833	145.25833	87KW29	U. L.-M. Pennsylvanian		4.0	4.0	K.F. Watts	A.G. Harris
CO-0235	Mt. Michelson	69.59167	145.59167	84TR23+102	L. Pennsylvanian		3.0	3.0	I. Tailleux	A.G. Harris

Record No.	Quadrangle	North Latitude	West Longitude	Sample No.	Conodont Age	Rock Unit	Min CAI	Max CAI	Collector	CAI Determination by
CO-0585	Mt. Michelson	69.59167	145.61333	84TR26A	M. Pennsylvanian	Lisburne Gp	3.0	3.0	I. Tailleux	A.G. Harris
CO-0587	Mt. Michelson	69.59167	145.61333	84TR26B	M.-U. Permian	Echooka Fm	3.0	3.0	I. Tailleux	A.G. Harris
CO-0578	Mt. Michelson	69.59333	145.10333	86GH112	U. Mississippian—L. Perm		3.0	4.0	G. Hakkila	A.G. Harris
CO-0579	Mt. Michelson	69.59333	145.10333	86GH113	U. Mississippian—Permian	Echooka Fm	3.5	4.0	G. Hakkila	A.G. Harris
CO-1378	Mt. Michelson	69.59500	144.85833	88JC7-10B	L. Ordovician		4.0	4.0	J.G. Clough	A.G. Harris
CO-0580	Mt. Michelson	69.59500	145.60333	84TR24C	U. Mississippian	Lisburne Gp	2.5	2.5	I. Tailleux	A.G. Harris
CO-0581	Mt. Michelson	69.59500	145.60333	84TR24A	U. Mississippian—M. Penn	Lisburne Gp	3.0	4.0	I. Tailleux	A.G. Harris
CO-0234	Mt. Michelson	69.60000	145.61667	82TR30A	U. Mississippian—L. Permian	Lisburne Gp	3.0	4.0	I. Tailleux	A.G. Harris
CO-0765	Mt. Michelson	69.61667	145.45000	5563-42	L. Pennsylvanian	Lisburne Gp	4.0	4.0	AMOCO	A.G. Harris
CO-0582	Mt. Michelson	69.62333	144.64667	86GH104	U. Mississippian—L. Permian	Lisburne Gp	2.5	4.5	G. Hakkila	A.G. Harris
CO-0767	Mt. Michelson	69.63333	144.83333	5572-17	L. Pennsylvanian	Lisburne Gp	3.5	3.5	AMOCO	A.G. Harris
CO-0769	Mt. Michelson	69.63333	145.83333	5558-34	U. Mississippian	Lisburne Gp	3.0	3.0	AMOCO	A.G. Harris
	Mt. Michelson	69.63444	144.61666	90ADL3-160	L. Mississippian	Lisburne	4.5	6.0	D. LePain	Harris? (PDF 94-25)
	Mt. Michelson	69.63472	144.60000	90ADL2	L. Mississippian	Lisburne	3.5	4.5	D. LePain	Harris? (PDF 94-25)
	Mt. Michelson	69.63472	144.58333	90ADL1	L. Mississippian	Lisburne	4.0	6.5	D. LePain	Harris? (PDF 94-25)
CO-0586	Mt. Michelson	69.64167	144.94833	85TR07B	M. Pennsylvanian	Lisburne Gp	3.0	3.0	I. Tailleux	A.G. Harris
CO-0577	Mt. Michelson	69.64333	144.61167	85TR19A	U. Devonian—Pennsylvanian	Lisburne Gp	3.0	4.0	I. Tailleux	A.G. Harris
CO-1349	Mt. Michelson	69.65167	145.66000	87PGB-46.0	U. Mississippian	Lisburne Gp	4.0	4.0	P.D. Gruzlovic	A.G. Harris
CO-1346	Mt. Michelson	69.65167	145.68333	87PGC-77.0	L.-M. Pennsylvanian	Lisburne Gp	4.0	4.0	P.D. Gruzlovic	A.G. Harris
CO-1347	Mt. Michelson	69.65167	145.68333	87PGC-4.5	U. Mississippian	Lisburne Gp	4.0	4.0	P.D. Gruzlovic	A.G. Harris
CO-1348	Mt. Michelson	69.65167	145.68333	87PGC-3.0	U. Mississippian	Lisburne Gp	4.0	4.0	P.D. Gruzlovic	A.G. Harris
CO-0766	Mt. Michelson	69.84667	144.01667	5575-26	L. Pennsylvanian	Lisburne Gp	5.0	5.0	AMOCO	A.G. Harris

**Table VR4. Summary of vitrinite regression parameters in wells adjacent to the ANWR.**

Well	API Number	North Latitude	West Longitude	Regression parameters*			R <sup>2</sup>
				N	a	b	
<i>Wells fit by a single regression line</i>							
Alaska State D-1	50-089-20015	70.20306	146.20722	23	0.39	1.325	0.5
Alaska State F-1	50-089-20019	70.22667	146.36028	40	0.44	1.329	0.47
Alaska State J-1	50-179-20007	69.85811	146.5687	12	0.29	1.85	0.72
Belcher 1	55-141-00005	70.27522	141.51277	47	0.36	2.475	0.95
Canning River Unit A-1	50-179-20005	69.60611	146.33528	33	0.79	6.766	0.88
Canning River Unit B-1	50-179-20006	69.66361	146.27528	33	0.65	2.384	0.49
Corona 1	55-171-00002	70.31463	144.75914	59	0.22	3.396	0.82
E. De K. Leffingwell 1	50-089-20021	70.01779	146.51679	22	0.3	1.498	0.53
East Mikkelsen Bay State 1	50-089-20002	70.15194	146.90278	21	0.32	2.897	0.86
Fin Creek Unit 1	50-223-20007	69.50000	147.60000	33	0.45	1.828	0.19
Gyr 1	50-223-20018	69.65707	147.27939	16	0.33	4.738	0.84
Hammerhead 1	55-171-00001	70.36460	146.02440	85	0.28	1.451	0.1
Hammerhead 2	55-171-00006	70.37828	146.03123	44	0.27	2.345	0.19
Kavik 1	50-179-20001	69.63167	146.56944	30	0.79	4.425	0.69
Kemik 1	50-223-20006	69.43972	147.26583	46	0.73	5.038	0.57
Kemik Unit 2	50-223-20013	69.38639	147.15556	33	1.38	4.556	0.91
Point Thomson 1	50-089-20005	70.17389	146.35333	44	0.37	1.967	0.72
Point Thomson 2	50-089-20006	70.16306	146.51417	22	0.37	2.032	0.6
Point Thomson 3	50-089-20007	70.17139	146.25222	22	0.41	2.08	0.72
West Kavik 1	50-223-20002	69.77000	147.18556	36	0.32	3.253	0.94
West Staines State 2	50-089-20004	70.11028	146.41611	66	0.34	1.789	0.37
			Mean values	37	0.47	2.823	0.62

Well	API Number	North Latitude	West Longitude	Regression parameters*			
				N	a	b	R <sup>2</sup>
<i>Wells fit by two regression lines</i>							
Beli Unit 1	50-179-20002	69.71056	146.53528				
(0 to 10,351 ft)				16	0.40	2.606	0.81
(10,961 to 14,050 ft)				12	0.15	7.196	0.5
Aurora # 1	55-141-00004	70.10917	142.78497				
(0 to 12,255 ft)				40	0.30	2.64	0.89
(12,831 to 18,326 ft)				25	0.05	9.159	0.97

\* Regression equation:  $R_o = a * 10^{(b * 10^{-5} * \text{depth})}$

N = number of samples

R<sup>2</sup> = correlation coefficient