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Uranium Hydrogeochemical and Stream Sediment Reconnaissance Data From the Area of the Shishmaref, Kotzebue, Selawik and Shungnak Quadrangles Northern Seward Peninsula and Vicinity, Alaska

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by

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ABSTRACT

During the summer of 1976, 1336 water and 1251 sediment samples were collected for the Los Alamos Scientific Laboratory (LASL) from 1356 streams and small lakes or ponds within the Shishmaref, Kotzebue, Selawik, and western portion of the Shungnak NTMS quadrangles in western Alaska. Both a water and sediment sample were generally obtained from each location at a nominal location density of one per 23 km^2. Total uranium was measured in waters by fluorometry and in sediments and some few waters by delayed neutron counting. All analytical work was done by the LASL. Uranium concentrations in waters have a mean of 0.31 ppb and a maximum of 9.23 ppb, and sediments exhibit a mean of 3.44 ppm and a maximum of 37.7 ppm.

A large number of high-uranium concentrations occur in both water and sediment samples collected in the Selawik Hills, an area underlain by a large silicic pluton of the Hogatza alkaline series. At least two locations within the Selawik Hills appear favorable for further investigation of possible uranium mineralization. Also, a cluster of high-uranium sediments is seen in the Waring Mountains. These sediments are probably derived from a lower Cretaceous conglomerate unit which is associated with known airborne radiometric anomalies. Apparently less favorable areas for further investigation of possible uranium mineralization are also located in the Waring Mountains and Kiana Hills.

Additional samples were collected within the Shungnak quadrangle to increase the sampling density used elsewhere in the area to approximately one location per 11 km^2 (double-density). Here, contoured plots of uranium concentrations for both waters and sediments were prepared for all double-density sample locations, and then for the even-numbered and odd-numbered locations separately. These plots indicate that the HSSR sampling density of one per 23 km^2 used by the LASL in lowland areas of Alaska provide essentially the same definition of relative areal uranium distributions in waters and sediments as seen when the density is doubled. Furthermore, these plots indicate that regional distribution patterns for uranium are well defined without selective sampling of geologic units.

I. INTRODUCTION

This report describes hydrogeochemical and waterlain sediment sampling at a nominal density of one location per 23 km^2 in the area covered by the Shishmaref, Kotzebue, Selawik, and western part of the Shungnak National Topographic Map Series (NTMS) quadrangles in Alaska. The sampling and subsequent uranium analysis by the Los Alamos Scientific Laboratory (LASL) are part of the nationwide Hydrogeochemical and Stream Sediment Reconnaissance (HSSR). The HSSR, a portion of the National Uranium Resource Evaluation (NURE) program sponsored by the US Department of Energy (DOE), is designed to identify areas having higher than normal concentrations of uranium in waters and water-transported sediments. Other phases of the NURE program, such as airborne radiometric surveys and geologic investigations will be combined with the HSSR studies to prepare an improved assessment of uranium resources within the US and to indicate areas favorable for uranium exploration. The LASL is responsible for conducting the HSSR in the Rocky Mountain states of New Mexico, Colorado, Wyoming, Montana, and in Alaska.

Water and sediment samples were collected from streams and ponds between July 26 and August 28, 1976, at locations throughout the study area (Fig. 1). A total of 1336 water samples and 1251 sediment samples were collected from the 1356 locations shown on Plates I-IV. Water samples consisted of 819 natural pond and 517 stream waters, and sediment samples consisted of 734 wet natural pond, 502 wet stream, and 15 dry stream sediments. Sampling density within the Shungnak quadrangle was doubled to approximately one location per 11 km^2 to evaluate the effectiveness of reconnaissance sampling at the lower sampling density of one location per 23 km^2 chosen for use in Alaskan areas of generally low relief in this program.

Samples were collected according to the standard field procedures described in Appendix A. Field data and analytical results are listed in Appendix B for waters and Appendix C for sediments. Note that the leading two digits for the sample numbers in these Appendixes do not appear on Plates I-IV. Codes for the data listings of Appendixes B and C appear in Appendix D. Dissolved oxygen contents of ponds and lakes sampled are listed in Appendix E.

All waters were analyzed in duplicate by a fluorometric method described in Appendix A. Results for these are contained in Appendix B-I. Fifty samples, suspected to contain ions that interfere with the fluorometric determination of uranium (Garrett and Lynch, 1976), were reanalyzed by delayed neutron counting (DNC), as described by Sharp and Aamodt (1976). Results for these are listed in Appendix B-II. All sediment samples were analyzed by DNC.

Uranium concentrations in water (Plates I-A through IV-A) and sediment (Plates I-B through IV-B) are plotted at a scale of 1:250 000 to overlay the sample location maps (Plates I through IV), the proper 1:250 000 scale NTMS sheets, and 1:250 000 scale geologic maps for the Selawik (Patton and Miller, 1968) and Shungnak (Patton et al, 1968) quadrangles.

II. DESCRIPTION OF STUDY AREA

Location and Geographic Setting

All samples were collected from an area covered by the Shishmaref, Kotzebue, Selawik, and western Shungnak NTMS quadrangles in western Alaska, between 66° and 67°N latitude and 158° and 167°W longitude (Fig. 1). The western part of the area (Shishmaref and Kotzebue quadrangles), located on the

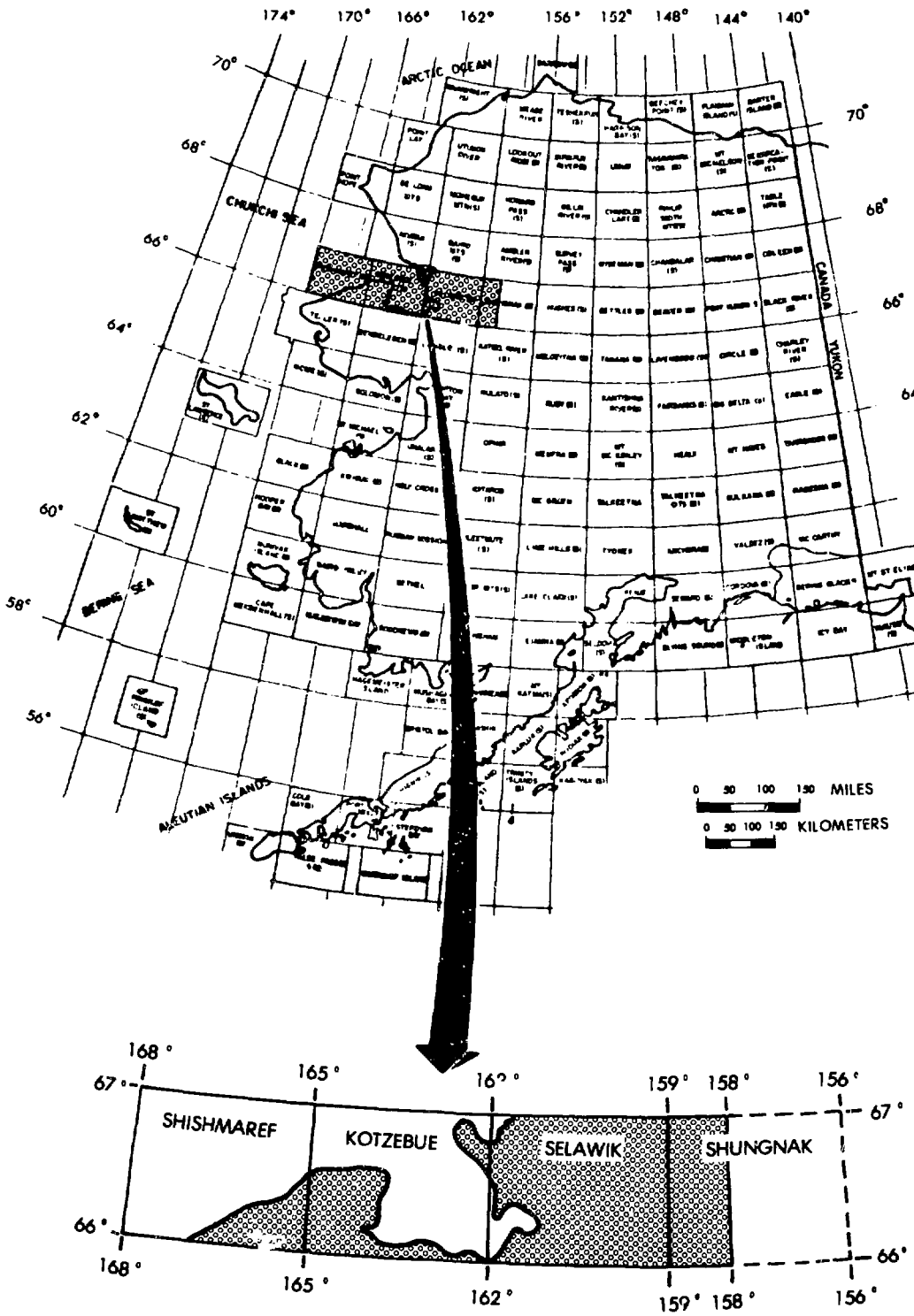


Fig. 1. **Index of NTMS 1:250 000-scale map sheets** covered by uranium HSSR sample data reported.

northern side of the Seward Peninsula physiographic province (Wahrhaftig, 1965), consists of lake-dotted coastal plains with elevations seldom exceeding 30 m above the Chukchi Sea. The eastern part of the area (Selawik and Shungnak quadrangles) exhibits a similar physiography along the courses of the Kobuk and Selawik Rivers. Both flow westward into the Kotzebue Sound where the Kobuk forms a large delta. This area is termed the Kobuk-Selawik lowland (Wahrhaftig, 1965). Within the eastern part of the area are four highlands with elevation generally above 300 m, the Waring Mountains and Kiana Hills to the north, the Buckland River uplands to the southeast, and the Selawik Hills to the southwest. The maximum elevation within the area, slightly in excess of 1000 m, is attained in the Selawik Hills.

Lowland areas are generally covered by moist or wet tundra and highlands by upland spruce-hardwood forest (Selkregg, 1976, p. 130). About 70% of the approximately 3500 population within the area (1970 census) reside in Kotzebue on the Kotzebue Sound, where salmon fisheries provide the major industry for the region.

Climate

Climate within the study area varies from transitional maritime along the Chukchi Sea to continental subarctic inland. Annual precipitation varies from slightly below 25 cm in the transitional maritime zone to slightly more than 25 cm in the continental subarctic zone (Selkregg, 1976, p. 8). About 60% of the annual precipitation recorded at the coastal station of Kotzebue occurs during the period July through September. Within the sampling period (July 26 through August 28, 1976) two storms were recorded at Kotzebue during the periods July 28-29 and August 10-15. The resulting 1.6 cm precipitation is far below the normal amount for this coastal area (NOAA, 1976). These storms resulted in 5.9 cm precipitation at the inland station of Kobuk (just east of the study area) during the periods July 29-30 and August 10-11 and 14-16, an amount close to normal (NOAA, 1976). Mean maximum and minimum temperatures during July are 14.5° and 8.5°C at Kotzebue and 20.5° and 8.0°C at Kobuk, respectively, whereas the corresponding temperatures during January are -16° and -23°C at Kotzebue and -19.5° and -31°C at Kobuk (Selkregg, 1976, p. 19). During the sampling period, temperatures ranged from 3° to 19°C at Kotzebue and -0.5° to 27°C at Kobuk (NOAA, 1976). Weather data recorded at each sample location are found in Appendixes B and C.

III. HYDROLOGY

Most of the western part of the area is dotted with numerous thaw lakes and is drained by small streams flowing northward into the Chukchi Sea. Major streams are the Serpentine River in the Shishmaref quadrangle; the Goodhope, Inmachuk, and Kugruk Rivers in the Kotzebue quadrangle; and the Buckland River in the western Selawik quadrangle. In the Selawik and western Shungnak quadrangles, the Kobuk River forms a large delta and the Selawik and Kugaruk Rivers form extensive lowlands dotted with innumerable thaw lakes. Except for the Selawik Hills, much of which is drained by the Mangoak River, upland areas are drained by short streams feeding these river systems.

Nearly all of the study area is underlain by moderately thick to thin continuous permafrost, with areas along the courses of the Kobuk and Selawik Rivers underlain by discontinuous permafrost (Ferrians, 1965). Depth to the base of the permafrost is 73 m at Kotzebue. A summary review of the nature of

permafrost and mechanisms of ionic diffusion through the "permafrost barrier" is found in Levinson (1974, Chapter 11). In an HSSR report for an adjacent area, Aamodt et al (1978) discuss the effect of permafrost on the areal distribution of metallic ion concentrations. They conclude that ions are mobilized and concentrated from a mineralized source within permafrost and form dispersion halos similar to those observed in temperate zones. Contoured uranium concentrations reported herein for both waters and sediments exhibit well-defined dispersion halos, further indicating that permafrost does not significantly impede ionic migration from a mineralized source to the surface.

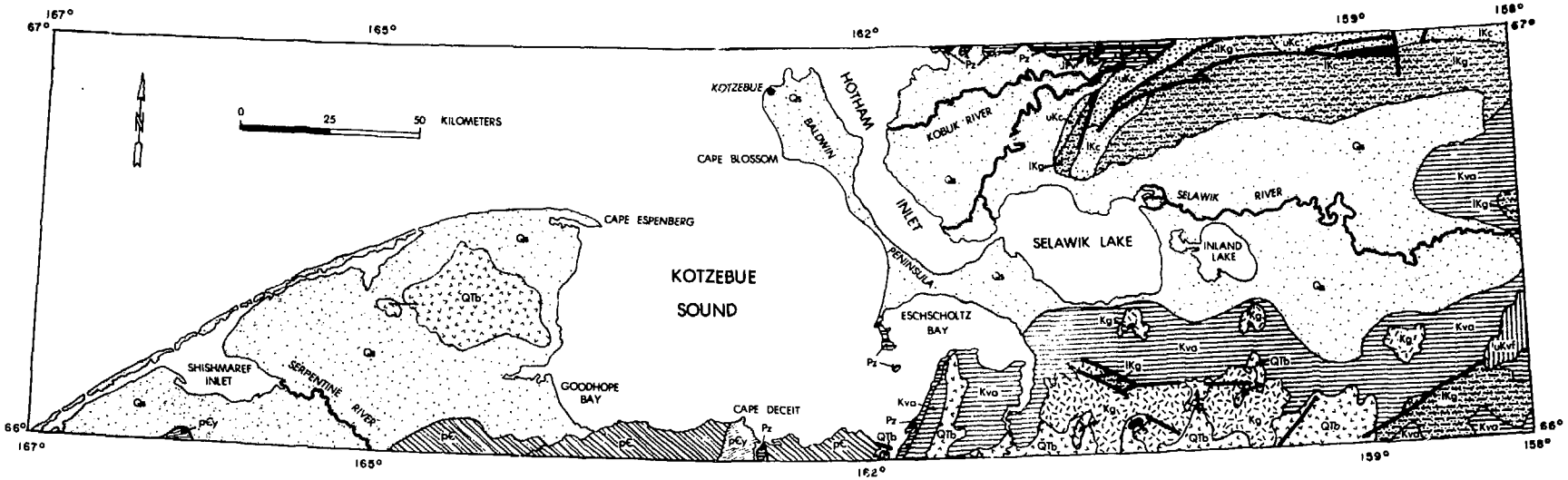
IV. GEOLOGY

Stratigraphy

A geologic map and description of stratigraphic units within the area is provided in Fig. 2. Rocks of late Precambrian, middle Paleozoic, Jurassic, and Cretaceous ages are known within the study area. These are mantled by surficial deposits (primarily glacial till) and, in the southern part of the Selawik and western part of the Kotzebue quadrangles, by extensive basalt flows. Paleozoic and older rocks crop out along the northern edge of the Seward Peninsula, within the southern part of the Shishmaref and Kotzebue quadrangles, and within the southwesternmost part of the Selawik quadrangle. Similar rocks are also found on the southern slopes of the Brooks Range along the northwestern edge of the Selawik quadrangle. Mesozoic rocks are found in the Kobuk-Selawik lowlands within the Selawik and Shungnak quadrangles.

Rocks in the Seward Peninsula area include a conformable Precambrian sequence of quartz siltite, calcareous graywacke, and thin dark limestone overlain by thin-bedded argillaceous and dolomitic limestone (Sainsbury, 1974). These are termed the York slate and Kanauguk formation, respectively. Most commonly, these units are metamorphosed to phyllite, schist and occassionally, gneiss. Basaltic volcanic units, often metamorphosed to blueschist facies (Sainsbury et al, 1970), are abundant within the York slate. Where these basaltic units are particulary thick, the volcanogenic sequence is termed the "Nome group" (Sainsbury, 1974). These rocks, which have minimum age-dates of 750 m.y., represent a eugeosynclinal sequence deposited in late Precambrian time. The character of the overlying Ordovician, Devonian, and Mississippian rocks is profoundly different and indicates deposition in a miogeosynclinal environment. These consist predominantly of thick carbonate and less common dark shale that have been variously metamorphosed to marble and schist. Since the Paleozoic units are always found in thrust sheets and slices, often forming a melange with the underlying Precambrian units, the stratigraphy of these units is not well known. Paleozoic rocks in the southern Brooks Range are thought to be closely related to rocks of similar age and lithology in the Seward Peninsula (Patton and Tailleur, 1977). Small outcrops of ophiolite-like, metamorphosed mafic and ultramafic rocks are also found in the southern Brooks Range (Patton, 1973).

The stratigraphic units of the Kobuk-Selawik lowland, described by Patton (1973), were deposited in a eugeosynclinal terrain. The basal unit consists of widespread andesitic volcaniclastic rocks of earliest Cretaceous age deposited within the Yukon-Koyukuk basin. These volcaniclastic rocks were unconformably succeeded by middle Cretaceous graywacke and mudstone deposited in basins of limited areal extent. At the margins of the Yukon-Koyukuk basin, a continental conglomeratic facies was deposited from sources within the Brooks Range and



Age	Map Symbol	Seward Peninsula*	Kobuk-Selawik Lowlands +	Lithologies
Holocene through Pleistocene	Qs	Surficial deposits	Surficial deposits	Cover, alluvium, silt, sand, glacial drift, beach deposits, tidal-flat deposits, flood-plain deposits, and terrace deposits.
Holocene through Pliocene	QTb	Basalt	Basalt	Nearly horizontal flows of olivine basalt.
Upper Cretaceous	uKvf		Felsic volcanic rocks	Porphyritic latite, quartz latite, trachyte flows and tuffs, ash-fall tuffs, tuffaceous graywacke, and volcanic conglomerate.
	uKc		Nonmarine conglomerate	Quartz-pebble conglomerate, sandstone, mudstone, and coal.
Middle Cretaceous (Albian and Cenomanian)	Kg		Granitic and alkaline silicic plutons	Quartz monzonite, syenite, monzonite, nepheline syenite, and alkalic mafic rocks such as ijolite and pyroxenite.
	lKg		Volcanic graywacke and mudstone	Marine deposits of poorly-sorted graywacke and mudstone interbedded with highly calcareous graywacke and mudstone. Contact metamorphosed in Selawik Hills.
	lKc		Marine conglomerate	Marine conglomerate containing cobbles of igneous rocks in graywacke and mudstone matrix.
Early Cretaceous and Jurassic	Kva		Andesitic volcanic rocks	Chiefly andestic tuff, volcanic breccia, and volcanic conglomerate with intercalated andesitic flows.
Jurassic through Permian	JPv		Altered mafic volcanic rocks	Altered basalt and diabase.
Paleozoic	Pz	Limestone and shale	Limestone, schist, and phyllite	Chiefly quartz-mica schist and schistose quartzite, phyllite, and recrystallized limestone and dolomite.
	pCk	Kanauguk formation		Thin-bedded schistose argillaceous and dolomitic limestone, rhythmically interbedded.
Precambrian	pCyn	York slate and Nome group		York slate: Carbonaceous quartz siltite with interbeds of graywacke and thick dark limestone. Generally metamorphosed to graphitic phyllite cut by numerous vitreous white quartz veinlets. Nome group: Chloritio schist, locally blueschist, derived from volcanic material intercalated with York slate. Includes higher rank metamorphics earlier mapped as Kigluaik group.

* Shishmaref, Kotzebue, SW Selawik quadrangles from Sainsbury, 1974.
\+ Selawik and Shungnak quadrangles from Patton, 1973; Patton and Miller, 1968; Patton and others, 1968.

Geology from Beikman and Lathram, 1976.

Fig. 2. Geologic map and stratigraphic units of the northern Seward Peninsula, Selawik and vicinity, Alaska.

Seward Peninsula. During middle and late Cretaceous orogenic periods, plutonic rocks of the Hogatza alkaline series were emplaced in a belt extending for 300 km from the Seward Peninsula to west-central Alaska. Plutons of this series that occur within the study area are shown in Fig. 3 and consist of quartz monzonites, monzonites, alaskites, syenites, and nepheline syenites, all of middle Cretaceous age (Miller, 1972; Patton and Miller, 1968; Patton et al, 1968). Following the middle Cretaceous orogeny, a narrow band of nonmarine quartz conglomerate was deposited along the northern and southeastern margins of the Yukon-Koyukuk basin, probably along narrow fault-bounded trenches. Interfin- gering with the nonmarine conglomerate are felsic extrusive and hypabyssal rocks, chiefly latites and rhyolites, contemporaneous with the late Cretaceous plutons of the Hogatza series.

Most of the Kobuk-Selawik lowland underwent Pleistocene glaciation (Pewe, 1975). The Baldwin Peninsula is a terminal moraine deposited during the Illinoian stage (McCulloch et al, 1965).

Structure

The major structural features of the region, shown in Fig. 4, consist of the Brooks Range geanticline, Seward Peninsula positive areas and the Yukon-Koyukuk basin. The Kobuk fault zone separates the Brooks Range and Yukon-Koyukuk basin.

Intense compressional deformation, including tight folding, closely-spaced high angle faulting and low-angle thrust faulting, dominates the

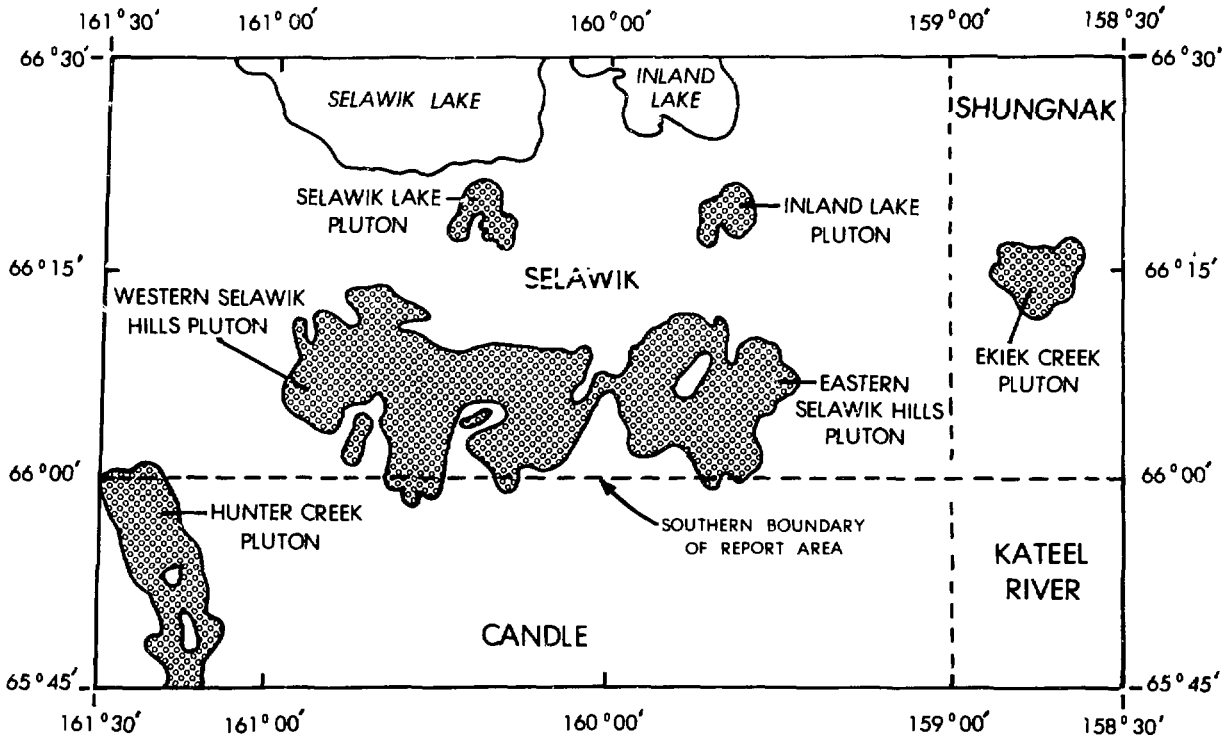


Fig. 3. Location of plutons of the Hogatza series within and south of the area.

structure of the Brooks Range and Seward Peninsula. In the eastern Seward Peninsula, folds trend north-south and thrusts are eastward-yielding, but in the Brooks Range, folds generally trend east-west and thrusts are northward-yielding (Lathram, 1973). Patton and Tailleur (1977) have proposed that the eugeosynclinal Precambrian and miogeosynclinal Paleozoic rocks of the Brooks Range and Seward Peninsula have been bent into a southward-looping oroclinal flexure during a late Cretaceous to middle Tertiary compressional episode. Both the Brooks Range and Seward Peninsula have been positive elements since early Jurassic (Detterman, 1973).

Cretaceous rocks of the Yukon-Koyukuk basin have been deformed in a manner similar to the older units of the Brooks Range and Seward Peninsula. In the northern part of the basin, folds trend east-west, parallel to those of the Brooks Range, whereas in the southern part of the basin, folds trend approximately north-south, parallel to those of the Seward Peninsula (Fig. 4). Within the Yukon-Koyukuk basin are two elongate mid-Cretaceous synclinal basins, the Kobuk-Koyukuk basin to the north, separated from the lower Yukon basin to the south by a structural high along which plutons of the Hogatza series were emplaced (Fig. 4). The Kobuk-Koyukuk basin in the Kobuk-Selawik lowlands area is filled with about 3000 m of middle Cretaceous graywackes.

The Kobuk fault zone extends east-west along the northern border of the Yukon-Kobukuk basin for about 450 km. Structural discontinuity across this fault indicates major strike-slip movement during latest Cretaceous or Tertiary time (Patton, 1973).

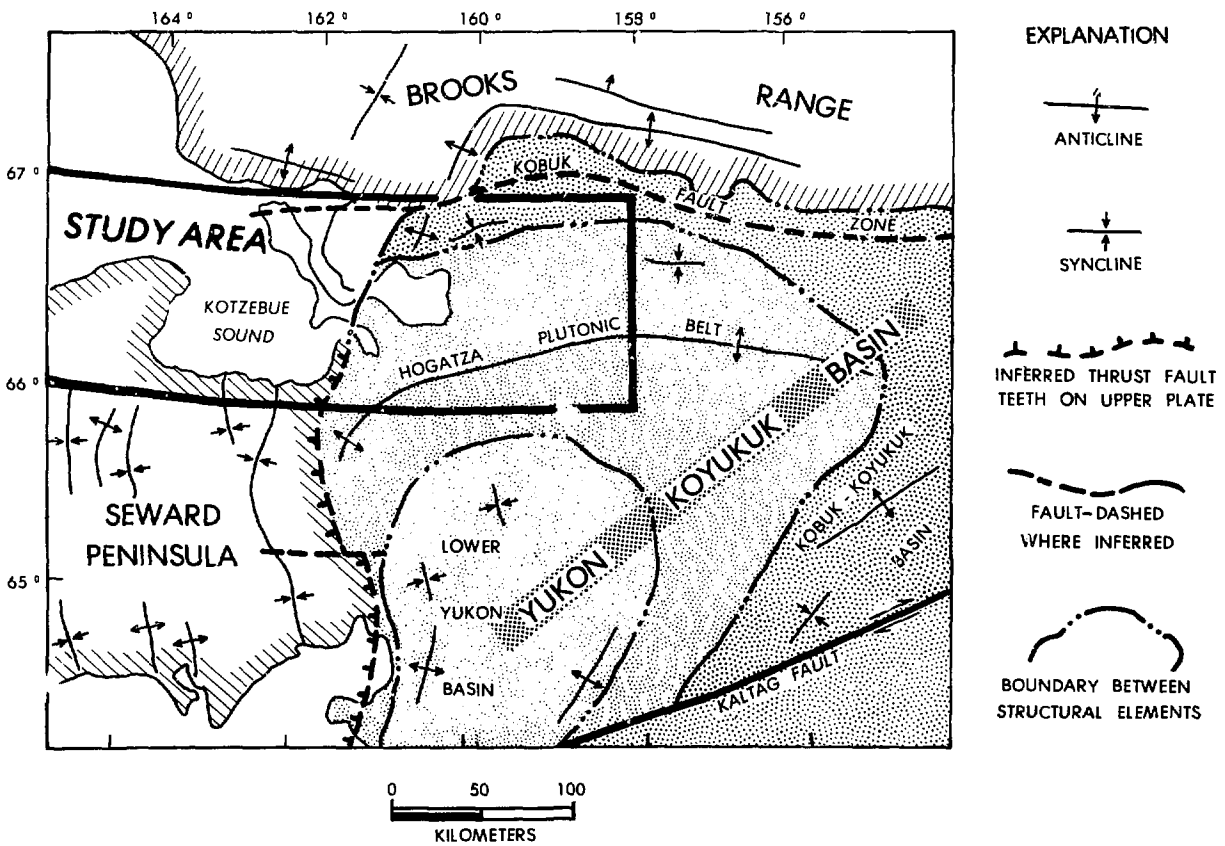


Fig. 4. Major structural features of west - central Alaska (Patton and Tailleur, 1977).

V. MINERAL OCCURRENCES

No economic mineral production has been reported from the area. Only two noteworthy non-radioactive mineral occurrences are known within the area; a gold occurrence at Alder Creek within the Kotzebue quadrangle (Smith, 1930) and a lead-zinc occurrence in the eastern Selawik Hills within the Selawik quadrangle (Elliott and Miller, 1969). These are shown on maps compiled by Cobb (1972a, 1972b).

Three ground radiometric anomalies and high uranium concentrations for sediments have been reported for the western Selawik Hills pluton, where Wyoming Minerals Company has conducted a drilling program (Eakins, 1977). A ground radiometric anomaly is present in the Selawik Lake pluton (Eakins, 1977), but no marked uranium concentrations were found in reconnaissance samples of sediments associated with this pluton (Sharp and Hill, 1978). Weak radioactivity was found associated with Cretaceous carbonaceous shale and sandstone east of Kiana, along the Kobuk River (Matzko and Freeman, 1963, p. 38), and a ground radiometric anomaly associated with a fluorite-bearing nepheline syenite is reported in the same area north of the Kobuk River (Eakins, 1975, p. 141). Five "preferred" radiometric anomalies, or those showing enrichment of eU over eTh, have resulted from an airborne survey (Texas Instruments, Inc., 1975) of the entire area. Two of these are associated with the Selawik Hills pluton, another with the eastern Kiana Hills, and the remaining two with the eastern Waring Mountains.

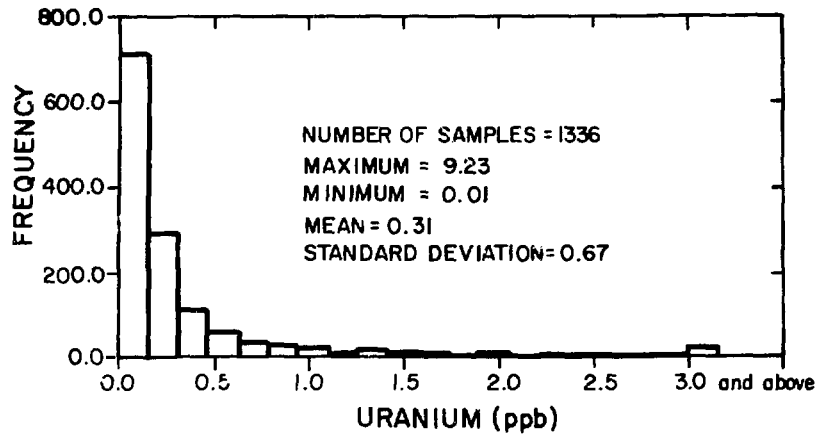
VI. EVALUATION OF DATA

Uranium in Waters

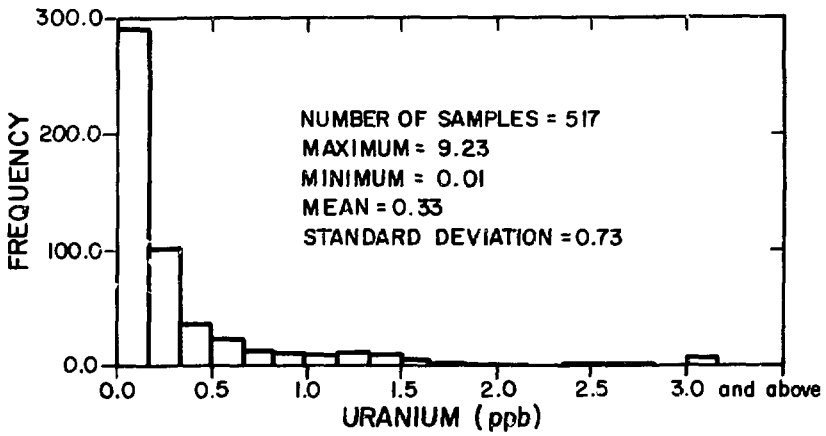
A total of 1336 water samples, from 819 small lakes or ponds and 517 streams, were collected and analyzed as described earlier. The analytical data for these are presented in Appendix B. Their locations are shown on Plates I through IV, and their uranium values are graphically plotted in the appropriate concentration ranges on Plates I-A through IV-A.

It should be noted that due to rounding to two decimal places, uranium concentrations listed in Appendix B for waters containing 0.04, 0.16, 0.50, and 1.00 ppb uranium, the interval cutoffs in Plates I-A through IV-A may in some few cases be plotted within the next lower interval shown on the legend for these Plates. For example, on Plate IV-B, the symbol for the water from location 405461, which was rounded and reported as 0.50 ppb uranium in Appendix B, is plotted (after truncation rather than rounding) as being in the concentration range between 0.16 - 0.49 ppb. Likewise, values of 0.01 ppb may in some cases be plotted within the next largest interval on the uranium concentration plates for waters.

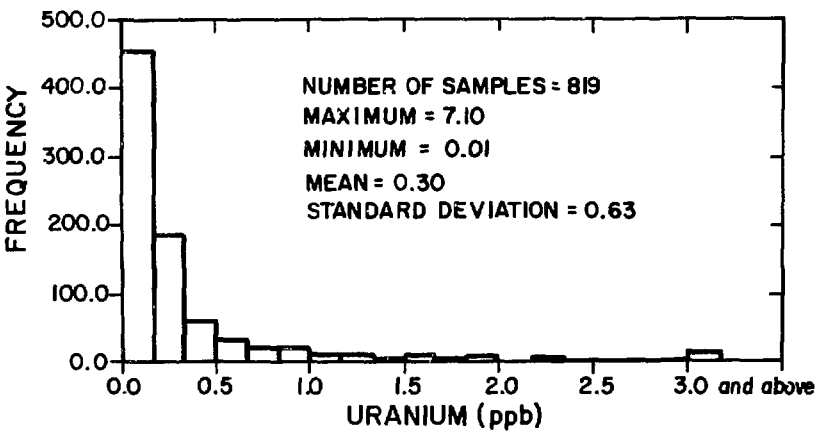
Histograms are shown in Fig. 5 for each water type (stream and lake or pond), as well as for the combined population. Statistical parameters such as the mean, maximum, minimum, and standard deviation are also included in Fig. 5. The maximum uranium concentration measured was 9.23 ppb. The distribution of uranium concentrations is very similar for water from both stream and lake source types (Fig. 5). A value of 2.00 ppb, selected to contain approximately 2% of the total population, was arbitrarily chosen as the anomaly threshold. Thus defined, 26 waters (1.95% of the population), corresponding to the two largest intervals on the concentration overlays of Plates I-A through IV-A, contain anomalous uranium concentrations. The next largest concentration



a. All waters.



b. Stream water.



c. Natural lake or pond water.

Fig. 5. Histograms and statistical data for uranium concentrations in water samples, northern Seward Peninsula and vicinity, Alaska.

interval, which includes uranium concentrations between 1.00 - 1.99 ppb, consists of 66 waters (4.94% of the population). These are termed "subanomalous." The 26 water samples containing anomalous uranium concentrations are listed in Table I.

Fifteen of the twenty-six anomalous and seventeen subanomalous samples were collected from coastal areas. Many of these exhibit high specific conductance values (Table I) and are almost certainly contaminated by seawater, which may have resulted from salt-water encroachment through the ground or may have been added during storms or periods of high winds. The average uranium concentration of seawater is about 3 ppb (Fairbridge, 1972, p. 1066). Since several anomalous samples collected in these areas exhibit low specific conductance values, it is possible that uranium may be preferentially concentrated in these near-shore lakes or ponds and their outlet streams by an unknown mechanism.

Although only 4 anomalous water samples are located within the Selawik Hills pluton (Table I), they are associated with 16 subanomalous water samples and an impressive cluster of anomalous sediment samples (see following section). For purposes of discussion, the Selawik Hills pluton, located on the southern part of the Selawik quadrangle (Fig. 3), is divided at 160°W longitude into eastern and western portions. This corresponds to a physiographic division of the Selawik Hills by the north-south flowing Mangoak River.

Only one anomalous water occurs within the western Selawik Hills pluton, but 15 subanomalous water samples were collected from the same area. All these waters cluster in an area sampled during a previous hydrogeochemical and bedrock sampling investigation (Eakins, 1977; Sharp and Hill, 1978). Of the 37 water samples from this area reported by Sharp and Hill (1978), 5 were found to contain between 1.00 - 1.99 ppb, and none above this amount. These were collected from locations not sampled in this study. The single anomalous value reported herein (4.92 ppb) from the western Selawik Hills pluton was collected from a stream midway between two ground radiometric anomalies about 15 km apart, centered at 66°09'N, 160°40'W and 66°08'N, 160°22'W (Eakins, 1977). The easternmost of these ground anomalies corresponds to a preferred airborne radiometric anomaly (Texas Instruments, Inc, 1975).

Three anomalous and one subanomalous waters were collected from sources within or marginal to the eastern Selawik Hills pluton. Two of these anomalous waters (6290, 91), including the one with the highest uranium concentration measured (9.23 ppb), were collected from the Fish River, which drains the southern part of the eastern Selawik Hills pluton. The occurrence of several anomalous sediments in streams draining this area (see following section) indicate a possibility for uranium mineralization in the southern part of the eastern Selawik Hills pluton. The second preferred airborne radiometric anomaly in the Selawik Hills pluton is located here. The eastern Selawik Hills pluton was not investigated by Eakins (1977).

A pair of anomalous waters (6310, 11) were obtained from lowland areas about 15 km NE of the Selawik Hills. These could result from covered extensions of dikes from the Selawik Hills or Inland Lake plutons. One anomalous pond water sample (6301) containing 6.38 ppb uranium, and another subanomalous one are associated with the Inland Lake pluton. No anomalous water or sediment samples are associated with the Selawik Lake pluton and only one water containing greater than 1.00 ppb (1.20 ppb) of 15 samples analyzed was reported by Sharp and Hill (1978) for this area. The ground radiometric high reported within the Selawik Lake pluton by Eakins (1977), was not reflected in these geochemical results.

The remaining four anomalous water samples occur as isolated high values and their significance is not known.

TABLE I

LIST OF WATER SAMPLES CONTAINING
ANOMALOUS URANIUM CONCENTRATIONS (>2.00 ppb).

Location Number	Sample Source[b]	Uranium (ppb)	Plate No.[c]	NTMS Quad[d]	Specific Conductance[e]	Comments on Sampling or Source Location
2589	L	3.85	I	Sf	5500	
2590	L	2.42	I	Sf		Possible seawater
2596	L	3.38	I	Sf		contamination
3060	L	4.11	II	K		
3986	L	3.30	III	Sw	6500	
4434	L	2.33	III	Sw	137	Kobuk delta
4478		2.83	III	Sw	212	
5073	L	6.12	III	Sw	90	Coastal samples
5075	L	4.74	III	Sw	61	
5083	L	3.79	III	Sw	40	
5095	L	7.10	III	Sw		
5101	S	4.42	III	Sw		Possible seawater
5102	S	3.59	III	Sw	4652	contamination
5103	S	7.74	III	Sw	4957	
5135	L	2.66	III	Sw	50	Coastal samples
5146	L	2.86	II	K		
6039	L	2.22	III	Sw	124	
6238	S	2.44	IV	Sg	40	
6290	S	2.55	III	Sw	90	Eastern Selawik Hills pluton
6291	S	9.23	III	Sw	114	
6301	L	6.38	III	Sw	136	Inland Lake pluton (?)
6310	S	3.30	III	Sw	109	Anomaly pair
6311	S	2.05	III	Sw	90	
6336	L	2.70	III	Sw	44	Eastern Selawik Hills pluton
6353	S	4.92	III	Sw	52	Western Selawik Hills pluton associated with 15 subanomalous samples
6368	L	3.61	II	K	1214	Possible seawater contamination

[a] The leading two digits as given in the data listings of Appendix B have been dropped.
[b] S = Stream and L = Lake or pond.
[c] The plate number of the appropriate sample location overlay is given, and the corresponding uranium concentration overlay for water is the same but in the "A" plate series.
[d] Sf = Shishmaref; K = Kotzebue; Sw = Selawik; and Sg = Shungnak.
[e] In units of μmho/cm.

Although no anomalous water samples are included, a cluster of eight subanomalous waters were collected within the Selawik quadrangle from streams and ponds draining the Kiana Hills. A preferred airborne radiometric anomaly is located at the eastern end of this area (Texas Instruments, Inc., 1975).

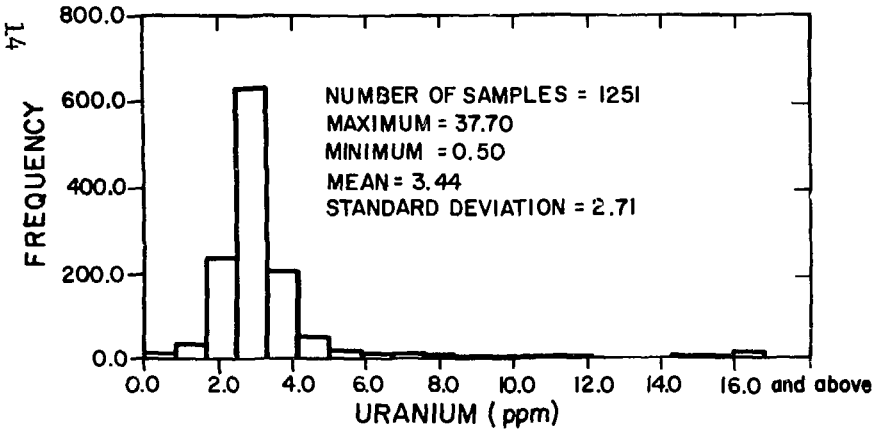
Uranium in Sediments

A total of 1251 sediment samples from 734 wet natural lakes or ponds, 502 wet streams, and 15 dry streams were collected and analyzed as described earlier. The locations and analytical data are provided in Appendix C, and use of the uranium in sediment overlays produced from these data (Plates I-B through IV-B) has likewise been described.

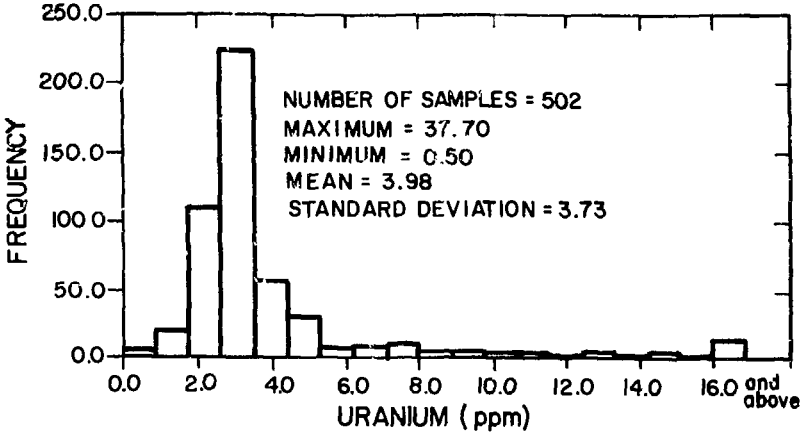
Histograms are shown in Fig. 6 for each sediment type (lake or pond, wet stream, and dry stream), as well as for the combined population. Statistical parameters such as the mean, maximum, minimum, and standard deviation are included in Fig. 6. The maximum measured uranium concentration was 37.7 ppm. The mean concentration for stream sediments (3.98 ppm) is higher than that of lake or pond sediments (3.10 ppm). This is due in large part to the large number of stream samples, relative to pond samples, collected from the Selawik Hills, an area of relatively high uranium concentrations in sediments. At concentrations below about 5 ppm, the sediment concentrations follow a normal distribution; however, a high concentration "tail" is present which markedly increases the value of the calculated standard deviation which might be estimated from the distribution of concentrations below 5 ppm. Therefore, the standard deviation was not used to determine the anomaly threshold. Instead, the threshold for anomalous and subanomalous uranium concentrations is chosen at the point where the normal frequency distribution represented by values below about 5 ppm extrapolates to a negligible value. This occurs at about 5.5 ppm. Values from 5.51 - 8.00 ppm (represented by the third largest symbol on Plates I-B through IV-B) are termed subanomalous, while those above 8.00 ppm (corresponding to the two largest symbols on Plates I-B through IV-B) are considered anomalous. Thus defined, 26 sediments (2.1%) contain subanomalous uranium concentrations and 37 sediments (3.0%) contain anomalous uranium concentrations. The 37 locations providing anomalous sediments (those with >8.00 ppm uranium) are listed in Table II.

Nearly 80% of the anomalous sediments (29 samples) are associated with the Selawik Hills pluton. The most impressive cluster of anomalous sediments (19) occurs in association with two of the three ground radiometric anomalies reported by Eakins (1977), at 66°09'N, 160°40'W and 66°12'N, 160°43'W in the western Selawik Hills pluton. Six of the nine sediments included here have uranium concentrations above 20 ppm (5090-2, 5125-7), including the highest value of 37.7 ppm (5092). Ten of 12 sediment samples reported by Sharp and Hill (1978) near these two radiometric anomalies are above 8 ppm uranium and include one with a concentration of 100 ppm. Uranium concentrations in sediments from this area are contoured in Fig. 7. Unfortunately, only one sediment was collected from streams draining the third ground radiometric anomaly reported by Eakins (1977) at 66°08'W, 160°22'W, but this was also anomalous (15.1 ppm). Sixteen of 21 sediment samples reported by Sharp and Hill (1978) in the vicinity of the third radiometric anomaly showed >8 ppm uranium, including 7 with concentrations >20 ppm, and a high value of 53 ppm.

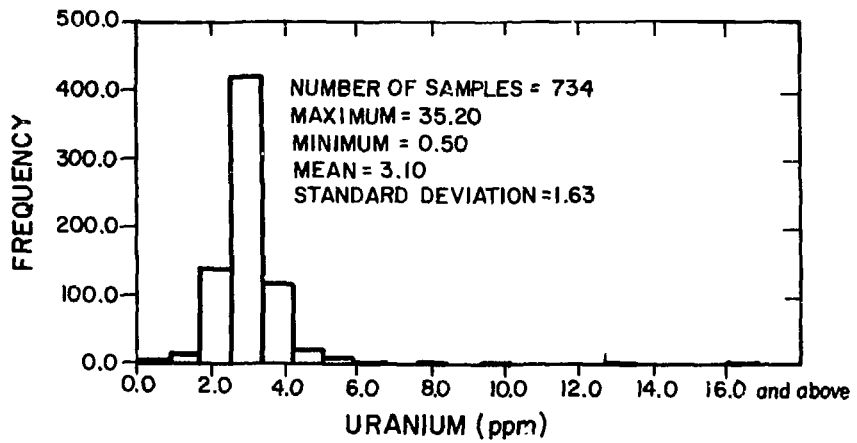
Ten anomalous sediments are dispersed throughout a number of streams draining the eastern Selawik Hills pluton. Three of these (6288-9, 6291) are downstream from a common drainage divide in the southern part of the pluton and are associated with two anomalous water samples, including the highest



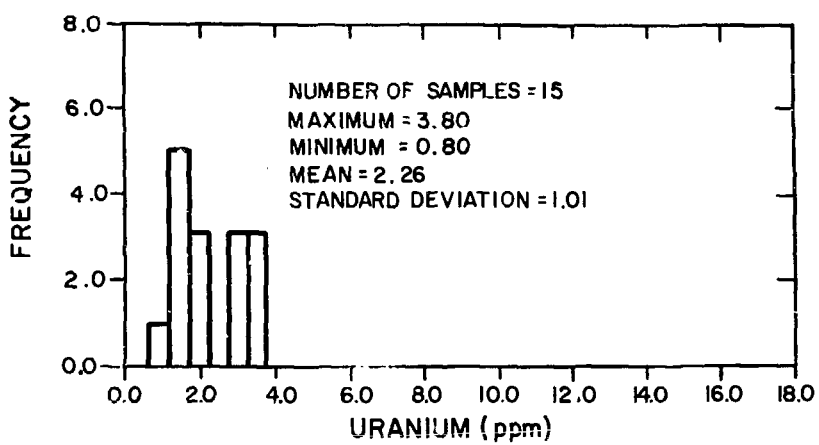
a. All sediments.



b. Wet stream sediment.



c. Wet natural lake or pond sediment.



d. Dry stream sediment.

Fig. 6. Histograms and statistical data for uranium concentrations in sediment samples, northern Seward Peninsula and vicinity, Alaska.

TABLE II

LIST OF SEDIMENT SAMPLES CONTAINING ANOMALOUS URANIUM CONCENTRATIONS (>8.0 ppm)

Location Number [a]	Sample Source [b]	Uranium (ppm)	Plate No. [c]	NTMS Quad [d]	Comments on Sampling or Source Location
5090	S	21.0	III	Sw	WESTERN SELAWIK HILLS PLUTON
5091	S	22.1	III	Sw	
5092	S	37.7	III	Sw	
5116	S	17.3	III	Sw	
5117	S	10.4	III	Sw	
5118	S	11.1	III	Sw	
5122	S	13.3	III	Sw	
5123	S	13.5	III	Sw	Area underlain by granitic rocks
5124	S	12.5	III	Sw	
5125	S	32.4	III	Sw	
5126	S	29.7	III	Sw	
6350	S	14.4	III	Sw	
6351	S	16.5	III	Sw	
6353	S	10.5	III	Sw	
6357	S	15.1	III	Sw	
6359	S	9.4	III	Sw	
5127	S	20.6	III	Sw	Locations marginal to outcropping granitic rocks
6355	S	15.8	III	Sw	
6356	S	29.5	III	Sw	
6288	S	12.7	III	Sw	EASTERN SELAWIK HILLS PLUTON
6289	S	16.5	III	Sw	
6292	S	8.6	III	Sw	Area underlain by granitic rocks
6294	S	8.1	III	Sw	
6295	S	9.5	III	Sw	
6332	S	8.1	III	Sw	
6283	S	9.8	III	Sw	Locations marginal to outcropping granitic rocks
6291	S	11.1	III	Sw	
6335	L	13.4	III	Sw	
6337	L	35.2	III	Sw	
5335	L	9.8	IV	Sg	EASTERN WARING MOUNTAINS Associated with 6 subanomalous within single stream drainage
3996	L	23.1	II	K	
5106	L	8.2	III	Sw	Sediments from coastal areas
6360	S	9.2	III	Sw	
3999	S	8.5	IV	Sg	
5264	S	19.2	III	Sw	Isolated anomalous sediments
5295	S	9.2	III	Sw	
6198	S	11.9	III	Sw	

[a] The leading two digits as given in the data listings of Appendix C have been dropped.
[b] S = Stream and L = Lake or pond.
[c] The plate number of the appropriate sample location overlay is given, and the corresponding uranium concentration overlay for sediment is the same but in the "B" plate series.
[d] K = Kotzebue; Sw = Selawik; and Sg = Shungnak.

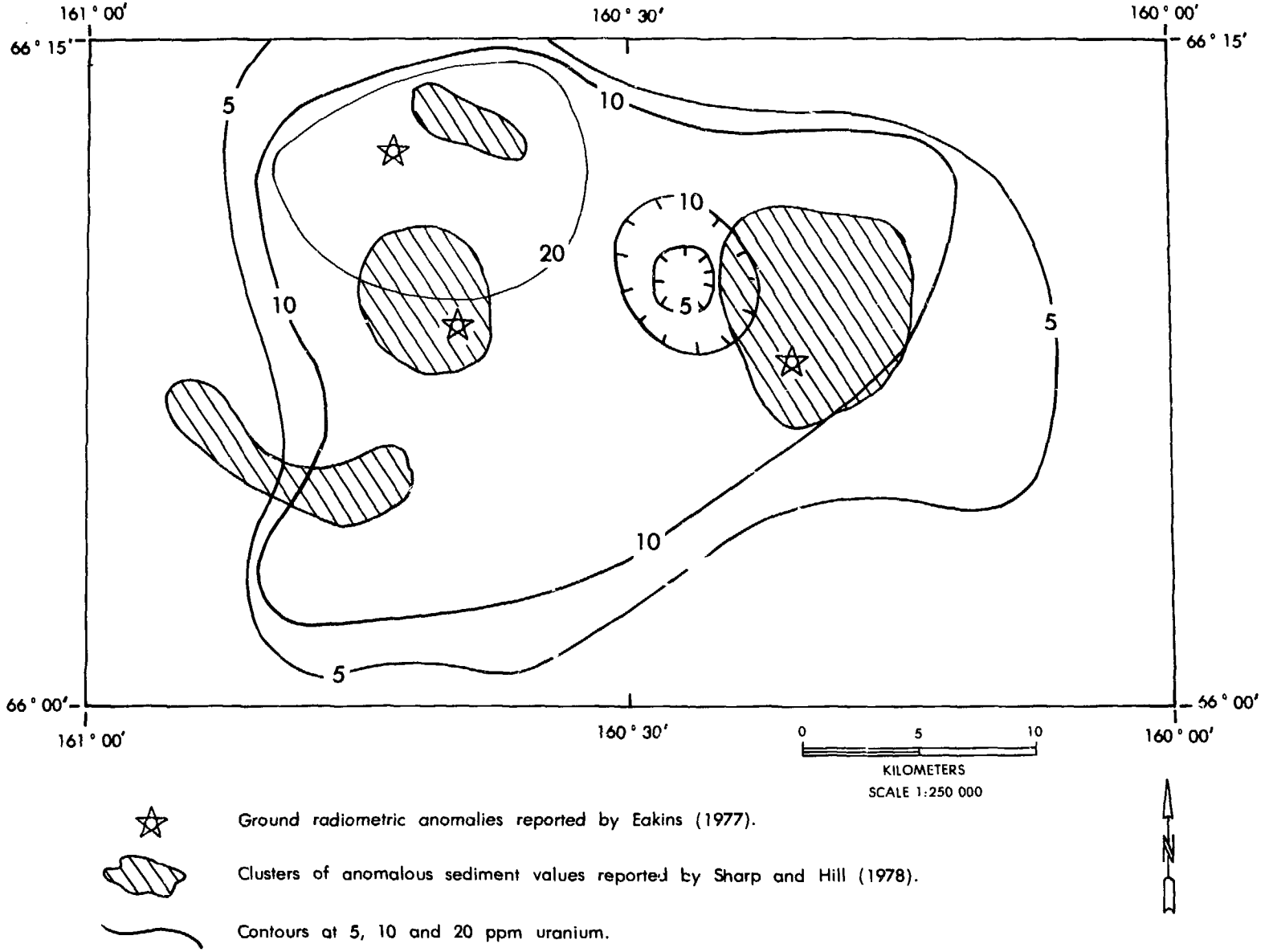


Fig. 7. Contoured uranium concentrations for sediments from the western Selawik Hills, Alaska.

uranium concentration in waters reported herein (9.23 ppb). A preferred radiometric anomaly is reported in this area (Texas Instruments, Inc., 1975).

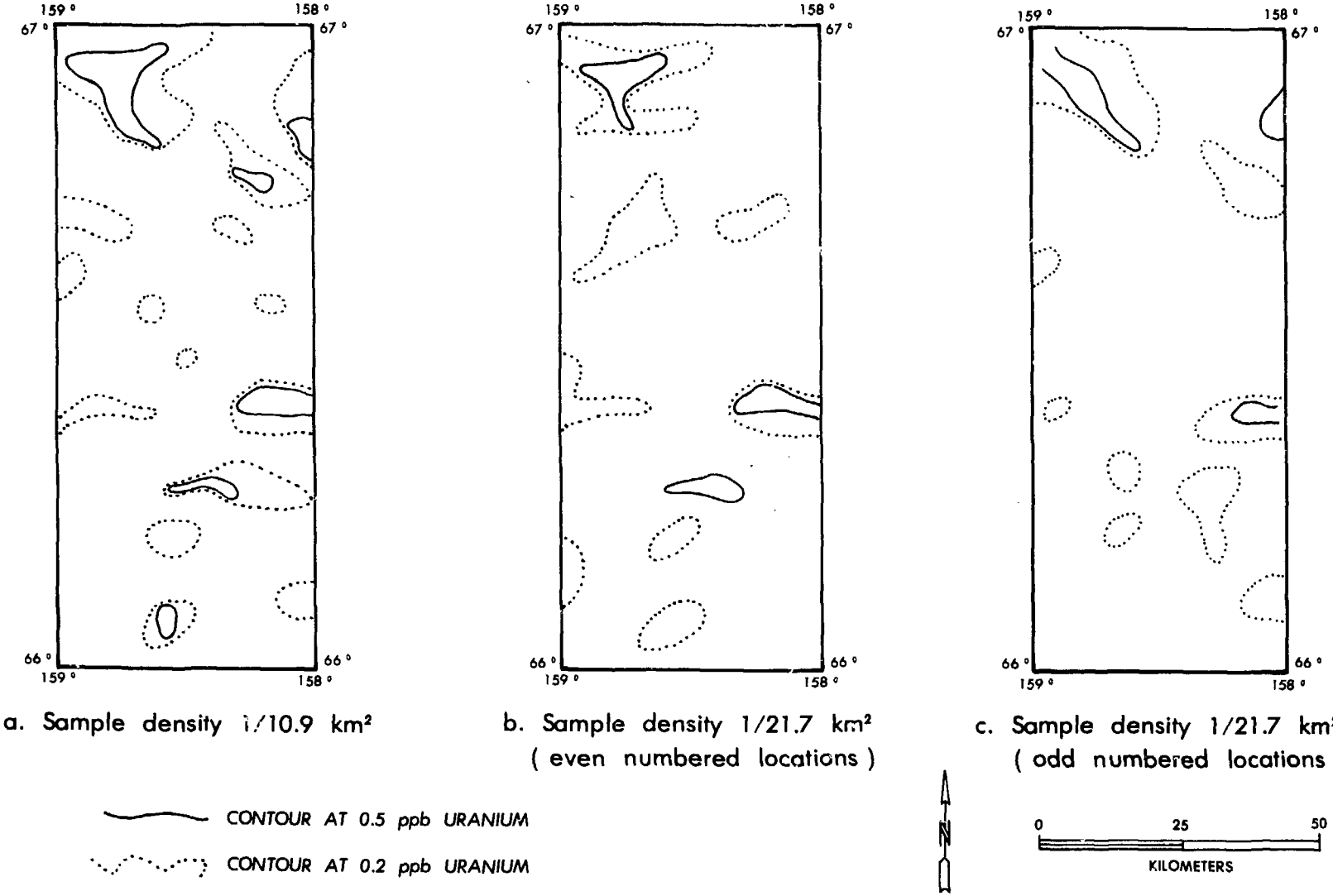
A single anomalous sediment (5335) containing 9.8 ppm uranium, but associated with six subanomalous ones, is found in a single stream drainage within the northeast part of the Shungnak quadrangle. This stream system, consisting of two parallel forks, drains southward from the eastern end of the Waring Mountains where a Cretaceous conglomerate (lKc on Fig. 2) crops out. One preferred anomaly and one suspect anomaly are reported for this conglomerate unit in the eastern Waring Mountains (Texas Instruments, Inc., 1975).

The remaining anomalous sediments occur either along the coast or singly at isolated, inland locations. No anomalous sediments reported herein are associated with the Selawik Lake, Inland Lake, or Ekiek Creek plutons. Only one subanomalous sediment resulting from this work is associated with the Selawik Lake pluton. Hill and Sharp (1978) reported only one sediment (of 15 analyzed) with uranium >8 ppm from streams draining the Selawik Lake pluton, and none >8 ppm in the pair analyzed from streams draining the Inland Lake pluton. Thus, notably high uranium contents are not observed for sediments and waters associated with the Selawik Lake, Inland Lake, and Ekiek Creek plutons. The only pluton of the Hogatza series within the report area showing geochemical evidence of markedly high uranium content is that of the Selawik Hills (Fig. 3).

Results of Double-Density Sampling

Water and sediment samples throughout the Shishmaref, Kotzebue, and Selawik NTMS sheets were obtained only at the nominal density of one location per 23 km^2. This density was increased to approximately one per 11 km^2 for the Shungnak NTMS sheet to evaluate the effect of double-density sampling in defining areas of high or low uranium concentrations. Hand-contoured maps were prepared for the western third of the Shungnak quadrangle using data from both water (Fig. 8) and sediment (Fig. 9) samples. Closed contours include at least two appropriate values within the specific interval considered. Within larger clusters, values below a given contour interval are occasionally included. Individual sample source types (i.e., stream versus pond) were not considered. Three maps each were contoured in an identical manner for all waters and for all sediments: one for the full set of samples (i.e., at the double-density), one for all even-numbered, and another for all odd-numbered sample locations (at the single-density). Contour intervals for waters, at 0.2 and 0.5 ppb, are identical to those used by Boyle et al (1971) for an area in the Canadian Shield; intervals for sediments were chosen at 2, 3, 4, and 5 ppm with a supplementary interval at 3.5 ppm.

Several well-defined clusters of high uranium concentrations are evident in the contoured map resulting from double-density sampling of waters (Fig. 8a). The contours in Fig. 8a indicate that a halo of intermediate uranium concentrations (0.2 - 0.5 ppb) surrounds all clusters of high (>0.5 ppb) values, suggesting derivations of uranium from a central source. The northernmost of the five >0.5 ppb clusters indicates a source of relatively high uranium in waters within the Waring Mountains. In this area are two preferred and one suspected airborne radiometric anomalies (Texas Instruments, Inc., 1975) in the lower Cretaceous section. Four of the remaining clusters are located in major drainage basins covered by surficial deposits. Although other possibilities should be recognized, these might represent buried sources of uranium. The cluster at 66°25', just west of the Purcell Mountain pluton, could be reflecting a buried extension of that pluton. By comparing contoured data from

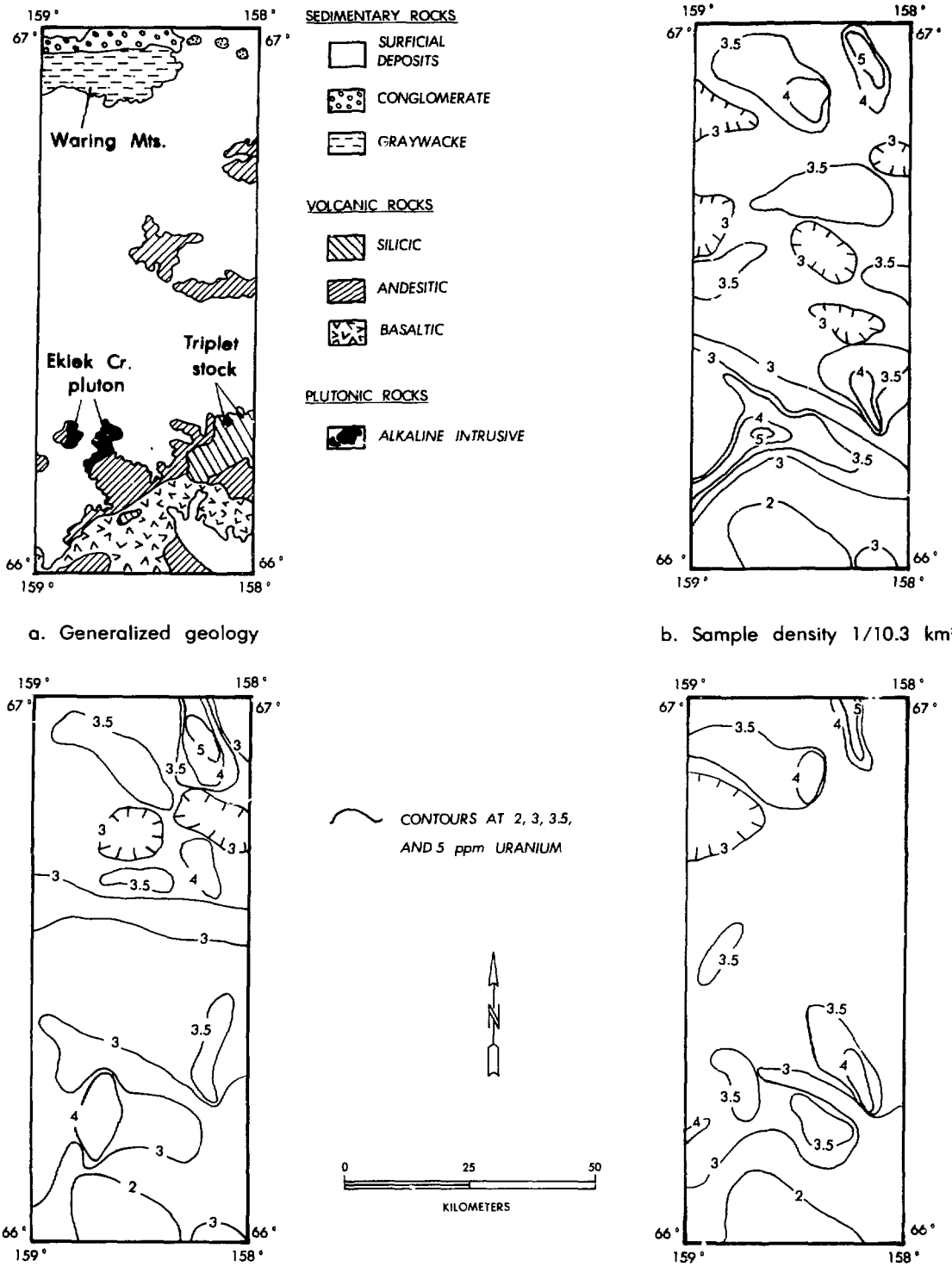


a. Sample density 1/10.9 km²

b. Sample density 1/21.7 km² (even numbered locations)

c. Sample density 1/21.7 km² (odd numbered locations)

Fig. 8. Contoured uranium concentrations for waters from the western third of the Shungnak quadrangle, Alaska, for comparison of single- and double - density sampling results.



a. Generalized geology

b. Sample density 1/10.3 km²

c. Sample density 1/20.5 km² (even numbered locations)

d. Sample density 1/20.5 km² (odd numbered locations)

Fig. 9. Contoured uranium concentrations for sediments from the western third of the Shungnak quadrangle, Alaska, for comparison of single - and double - density sampling results with bedrock geology.

double-density (Fig. 8a) and single-density sampling (Figs. 8b and 8c), it can be seen that single-density sampling adequately defines the largest two clusters, those in the Waring Mountains and west of the Purcell Mountain pluton. The remaining three smaller clusters are less well-defined by single-density sampling and generally are defined on only one or the other of the two single-density contour maps. Thus, water sampling at a nominal density of one location per 23 km^2 adequately defines the larger, more interesting areas of high uranium concentrations, but may not suffice to define the smaller areas. Dyck (1975) reached a similar conclusion from a study of a known uranium district in Canada at 59°N latitude comparing sampling densities of one location per 3 km^2, one per 12.5 km^2, and one per 30 km^2.

Four well-defined clusters of high uranium concentrations appear in the contour map resulting from double-density sampling of sediments, and these all correlate with sources from bedrock exposures (Figs. 9a and 9b). These exposures are located in the Waring Mountains, Triplet stock, and eastern Ekiek Creek pluton. Miller and Anderson (1969) found an airborne radiometric anomaly associated with the pluton last named. A cluster of sediments containing uniformly low uranium concentrations (> 2 ppm) is found in the southern part of the area where basaltic rocks form extensive outcrops. Areas covered by glacial drift generally exhibit uniformly average uranium concentrations, apparently due to mechanical mixing of bedrock detritus during glacial transport. However, the nearby presence of a high-uranium source may lead to locally increased uranium concentrations in areas covered by surficial deposits. Thus, sediments within surficial deposits downstream (north) from the Triplet stock contain above-average uranium concentrations (Figs. 9a and 9b). A linear zone of sediments which contains below 3 ppm uranium trends northwest in glacial till across the southern part of all of the contoured maps in Fig. 9. This area may well be underlain at shallow depth by bedrock containing below-average uranium concentrations, such as lower Cretaceous andesite flows. All four clusters of high uranium concentrations delineated by the double-density sediment sampling are also defined by single-density sampling (Figs. 9c and 9d). The one contoured area in the northeast part of Fig. 9b contains the most concentrated array of anomalous and subanomalous sediment samples within the western Shungnak area and is equally well-defined by single-density sampling (Figs. 9c and 9d). Therefore, sampling at the nominal density of one location per 23 km^2 adequately defines the areal distribution of uranium concentrations in sediments.

Very small areas (about 5 km^2) of relatively increased uranium concentration are defined by double-density sampling for both waters (Fig. 8a) and sediments (Fig. 9b). But definition of such small areas, which possibly represent very localized sources of uranium, is unnecessary in a regional reconnaissance such as the HSSR, which is simply attempting to delineate uranium districts. Consequently, sampling at a nominal density of one location per 23 km^2 appears quite adequate in areas of Alaska having similar low to moderate relief.

Maps contoured from a nominal sample density of one location per 23 km^2 are very similar for both water (Figs. 8b and 8c) and sediment (Figs. 9c and 9d). These maps define quite adequately the corresponding distribution pattern of uranium seen at a sample density of one location per 11 km^2 (Figs. 8a and 9b). Consequently, a roughly even spacing of sample sites appears to best suit the needs of the HSSR, making unnecessary the much more expensive procedure of site selection based on geologic control.

VI. SUMMARY AND CONCLUSIONS

No notable difference was found between the mean uranium content of 819 natural lake or pond and 517 stream waters collected, analyzed and reported in this study. The mean uranium concentration for the combined population is 0.31 ppb. On the basis of the uranium data reported for these waters, clusters of samples that contain uranium concentrations in excess of 1.00 ppb indicate the areas of greatest interest for further, more detailed investigation to be in the Selawik Hills and Kiana Hills.

Sediment samples collected from 734 wet natural lakes or ponds and 502 wet streams showed notable differences in mean uranium concentrations, 3.10 ppm and 3.98 ppm, respectively. This difference is due to the collection of a large number of high-uranium stream sediments from locations in the Selawik Hills. The mean for the combined population, which follows a normal distribution with a "tail" at high uranium concentrations, is 3.44 ppm. Clusters of sediment samples containing uranium concentrations exceeding 5.5 ppm indicate that the areas of greatest interest for further, more detailed investigation are in the Selawik Hills (as indicated also by the waters) and in the Waring Mountains.

The areas of greatest interest within the Shungnak quadrangle are well defined at a nominal sampling density of one location per 23 km^2 by contoured uranium values for both waters and sediments. The major benefit of increasing the sampling density from approximately one location per 23 km^2 to one per 11 km^2 is to somewhat improve the definition of areas of high uranium concentrations in both waters and sediments. Increased sampling density does result in the additional definition of areally smaller clusters of water samples containing intermediate (0.2 to 0.5 ppb) uranium concentrations; however, these clusters probably represent a localized source of uranium and are not of great value in defining a regional uranium distribution. Maps contoured from a nominal sample density of one location per 23 km^2 are very similar for both waters (Figs. 8b and 8c) and for sediments (Figs. 9c and 9d). This indicates that regional distribution patterns for uranium are adequately defined without highly selective sampling. The amenability of the data to contouring suggests that contoured maps prepared from the HSSR data or overlays may be quite helpful in pursuing more detailed resource evaluation or exploration work.

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We are also greatly indebted to the NANA Regional Corporation, the Bering Straits Native Corporation, and Doyon Limited, as well as to many of their constituent village corporations for granting permission to sample lands held in their trust under the Native Claims Settlement Act.

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APPENDIX A

SUMMARY OF STANDARD LASL HSSR FIELD AND ANALYTICAL PROCEDURES

APPENDIX A

SUMMARY OF STANDARD LASL HSSR FIELD AND ANALYTICAL PROCEDURES AS USED IN ALASKA

I. FIELD PROCEDURES

Water Sampling

Water samples are taken first, directly from the source wherever possible, in one each, prewashed and sealed, 41-ml reactor "rabbit" and 25-ml vial (both polyethylene). The contents of both the rabbit and vial are then acidified to a pH ≤ 1 with 8N, reagent-grade HNO_3. All sample containers are doubly labeled with preprinted, adhesive labels carrying the same sample location number preprinted on the field data form. Stream waters are taken from fast-flowing current away from the bank; ponds (including small lakes) are sampled from just below the surface, near their center.

Sediment Sampling (Wet or Dry)

Enough fine-grained, organic-rich, water-transported sediment to yield a composite sample of 25 g after processing (as indicated below) is taken from beneath the water level (where water exists) at three closely adjacent spots at each stream location. This is done with a polyethylene scoop, after the water sample (if any) is taken. The sediment is put into a new, clean, and originally sealed, rip-top polyethylene bag and properly double-labeled for delivery (with the field data form) to the contractor's drying facility. After drying at $\leq 100^{\circ}$C, each sample is sieved through stainless steel sieves to -100 mesh. The -100-mesh fraction is put into a prewashed, 25-ml polyethylene vial, appropriately double-labeled (using labels from the data form), and sealed for shipment to the LASL. In the case of ponds or lakes sampled in Alaska, the sediment is taken by dropping a tethered, stainless steel bottom sampler overboard from a pontoon-equipped helicopter near the center of each lake. Here, only a bottom sample from a single location is taken (i.e., it is not a composite), but sampling is limited to lakes less than 10 m deep and about 0.3 to 2.0 km in least horizontal dimension. The sampler is rinsed before each use, and the raw sample is put into a polyethylene bag, labeled, and treated as above.

Field Measurements

The air temperature, taken in the shade at the time of sampling, is recorded to the nearest whole degree Celsius. The water temperature is measured in the source water and recorded to the nearest one-tenth degree Celsius. All temperature measurements are made with quality, precalibrated thermometers. The pH of the source water is measured with a calibrated, portable pH meter and recorded to the nearest one-tenth of a pH unit. The specific conductance (μmho/cm) of the source water is measured with a calibrated, temperature compensated (25°C) portable meter. The scintillometer readings, taken on a flat, dry spot within a few meters of the sample location, are measured with a portable scintillometer. Two readings are recorded, the first with a radiation shield in place (blocking out ground radiation), and the second with the shield removed. The readings (in counts/s) are converted by computer (using a calibration factor obtained from testing of the specific scintillometer on a calibration block) to give the equivalent uranium (eU) value set forth in the data listing. Special measurements such as dissolved oxygen are made with a

calibrated, portable meter and probe especially designed and commercially available for the purpose. In general, in the case of lakes, the water temperature, pH, specific conductance and (special) dissolved oxygen are all measured with a single, digital readout unit, utilizing a parameter selector switch and a composite probe lowered to just below the water surface from the sampling helicopter. Care is taken to see that this is done before the bottom sediment is disturbed.

Field Observations

These represent the best subjective judgment of the field sampler on location, and include very general descriptions of the local bedrock, sediment, water, vegetation, terrain, weather, and possible contaminants. Since these observations are subjective and made quickly in the field, they should be held subordinate to any formally documented information such as that provided by published topographic or geologic maps, etc.

Sample Location Verification

Each contractor is supplied 1:250 000-scale field maps with the desired sample types and general locations symbolically premarked at the LASL. The maps are normally original NTMS quadrangles, available through the USGS. As each location is sampled, a unique sample location number, preprinted on transparent adhesive labels (used for labeling the samples) provided with identically numbered field data forms, is inked alongside the precisely marked point representing the sample site on the field map. The latitude and longitude of each location is then computed within 48 h by the sampling contractor. Every location is later checked (and corrected if necessary) at the LASL by overlaying computer-produced location plots on the field maps used. The computer program for the Universal Transverse Mercator map projection utilized is described by Cheadle, (1977). The latitudes and/or longitudes are corrected if the overlay locations are displaced by more than 300 m from the locations marked on the field maps. When a desired sample as specified cannot be obtained, an alternate sample type is taken, and the new sample type is marked on the field map and properly labeled as above.

II. ANALYTICAL PROCEDURES

Water Samples Analyzed for Uranium by Fluorometry

In a controlled laboratory environment, two NaF (98%)-LiF (2%) flux pellets are prepared and placed on platinum dishes. The 25-ml water vial is vigorously shaken and two 0.20-ml aliquots of water are withdrawn and dropped onto the flux pellets, then evaporated under a heat lamp. The sample fluxes are then heated until fused. After they cool, they are excited with ultraviolet radiation in the fluorometer, and the measured fluorescence of each is read, recorded, and put through a computer routine using standards and blanks run at the same time to obtain the two uranium concentrations. The single uranium concentration of the water samples given in the data listing is the average obtained from the duplicate aliquots. The lower limit of detection for each aliquot by the normal procedure is 0.2 ppb, but in high latitude areas, natural waters often have uranium concentrations below this. Consequently, when a sample run by the normal procedure is found to have < 0.2 ppb uranium, it is routinely put through another evaporative concentration step that provides a 10X concentration factor, again using duplicate aliquots. By this additional procedure, but using the same basic fluorometric method (as

described by Hues and others, 1977), the lower limit of detection of uranium in natural waters is reduced to 0.02 ppb, and when a lower concentration is found in an aliquot, it is arbitrarily averaged into the data listings as 0.01 ppb. Therefore, whenever the uranium concentration in a water sample run by fluorometry is given as some value less than 0.02 ppb, one of the two aliquots had a uranium concentration that was too low to detect. If the listed uranium value is 0.01 ppb, both aliquots were below the detectable limit. Analytical precision at the lower limit of detection is ∿30%; however, it improves to ∿10% one order of magnitude above the lower limit. Water samples with uranium concentrations in excess of 10 ppb (the upper limit of detection without recalibration), or which gave problems when run by fluorometry, were analyzed using the DNC technique described below.

Water Samples Analyzed for Uranium by Delayed-Neutron Counting

Only waters with >10 ppb uranium, or those with impurities that cause quenching of uranium induced fluorescence, are normally assayed using DNC. The exteriors of the 41-ml rabbits are thoroughly cleaned before analysis of the samples. Samples received in 25-ml vials (used exclusively in some of the early work) are transferred to clean, labeled, 41-ml rabbits before being analyzed. Each water sample is weighed, and its weight (less that of the rabbit) and location number are recorded. The rabbits are then loaded into a 25-sample transfer clip. The reactor pneumatic transfer system and background radiation levels are checked, and the system is calibrated using four standards. The transfer clip is installed on the pneumatic feed line, and the count control is set (typically, a 60-s irradiation, a 30-s delay, and a 60-s count sequence is used, but this can be changed to accommodate abnormally high or low uranium concentrations). The samples are cycled through the system and the uranium concentration is automatically measured, computed in ppb, and entered into the data base. Analytical precision for those few waters analyzed by the DNC method is as good or better than that by fluorometry.

Statistical treatments of uranium concentrations obtained on the same suites of samples both by fluorometry and DNC have shown that there is no significant difference between results of the two analytical methods as used at the LASL. This analytical comparability is rechecked periodically.

Uranium Analysis of Sediment Samples

All sediment samples are analyzed for total uranium by DNC. A split of each sample (dried and sieved as described) is transferred to a clean 4-ml rabbit, weighed (less the tare), and recorded along with the appropriate location number. The readied rabbits are loaded into a 50-sample transfer clip. The reactor pneumatic transfer system and background radiation levels are checked, and the system is calibrated using four standards. The transfer clip is installed and the count control is set (typically, a 20-s irradiation, a 10-s delay, and a 20-s count sequence is used). The samples are cycled through the system and the uranium concentration is automatically measured, computed in ppm, and entered into the data base. The lower limit of detection of this method is 0.5 ppb (not ppm) uranium and is so low that it has never been reached with a natural sediment sample. The precision is 4% or better for all DNC sediment analyses. The delayed-neutron detectors especially designed and built by the LASL and used for these analyses are described by Balestrini and others (1976).

APPENDIX B

LISTINGS OF FIELD DATA AND URANIUM CONCENTRATIONS FOR WATER SAMPLES

APPENDIX B-I

Data for Water Samples Analyzed by Fluorometry

APPENDIX B-II

Data for Water Samples Analyzed by Delayed-Neutron Counting

(See Appendix D for Code to Listings)

APPENDIX B-I. Field Data and Uranium Concentrations for Water Samples Analyzed by Fluorometry

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																									U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (μmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY UNITS IN ppb
02	66.0902	165.6833	2	29	0	402588	07/26/76	19	18	12.1	-	-	7.8	5150		6	2	7	4	6	-	-	-	-4	3	2	1	-1	-	-	-	-	0.69
02	66.0736	165.6875	2	29	0	402589	07/26/76	19	19	11.8	-	-	8.2	5500		9	2	7	4	6	-	-	-	-4	3	2	1	-1	-	-	-	-	3.85
02	66.0875	165.7244	2	29	0	402590	07/26/76	19	18	12.8	C	-	6.8	-		6	2	7	4	6	-	-	-	-4	3	1	1	-1	-	-	-	-	2.42
02	66.0700	165.7333	2	29	0	402591	07/26/76	19	17	11.3	C	-	7.6	-		6	2	7	4	6	-	-	-	-4	3	1	2	-1	-	-	-	-	0.49
02	66.0950	165.8500	2	27	0	402592	07/26/76	19	18	12.7	C	-	10.0	-		19	2	7	4	6	2	3	1	2	4	3	1	-1	-	-	-	-	0.73
02	66.1375	165.9541	2	29	0	402594	07/26/76	19	17	13.2	-	-	10.6	-		19	2	7	4	6	-	-	-	-4	3	1	1	-1	-	-	-	-	1.52
02	66.1261	165.9577	2	29	0	402595	07/26/76	19	19	11.8	-	-	10.8	-		6	2	7	4	6	-	-	-	-4	3	1	1	-1	-	-	-	-	1.22
02	66.1375	165.4805	2	29	0	402596	07/26/76	19	17	12.1	-	-	7.4	-		16	2	7	4	6	-	-	-	-4	3	1	2	-1	-	-	-	-	3.38
02	66.1263	165.4722	2	29	0	402597	07/26/76	19	18	11.8	-	-	6.8	-		13	2	7	4	6	-	-	-	-4	3	1	1	-1	-	-	-	-	0.26
02	66.1250	165.4994	2	29	0	402598	07/26/76	20	16	11.2	-	-	7.8	-		6	2	7	4	6	-	-	-	-4	3	1	1	-1	-	-	-	-	0.66
02	66.1400	165.4816	2	29	0	402599	07/26/76	20	17	13.0	-	-	7.4	-		6	2	7	4	6	-	-	-	-4	3	1	1	-1	-	-	-	-	0.84
02	66.1116	165.4333	2	29	0	402600	07/26/76	20	17	17.7	-	S	8.4	44		-2	2	7	4	6	-	-	-	-4	3	1	1	-1	-	-	-	-	0.05
02	66.0691	165.1830	2	29	0	402601	07/26/76	20	18	14.3	-	-	7.2	220		13	2	7	4	6	-	-	-	-4	3	1	1	-1	-	-	-	-	0.11
02	66.0791	165.1700	2	27	0	402602	07/26/76	20	17	11.0	-	-	7.0	310		19	2	7	4	6	2	3	1	2	4	3	1	-1	-	-	-	-	0.23
02	66.0263	165.0625	2	29	0	402603	07/26/76	20	17	17.3	-	S	8.2	27		-2	2	7	4	6	-	-	-	-4	3	1	1	-1	-	-	-	-	0.48
02	66.0233	165.3683	2	29	0	402616	07/26/76	20	12	17.3	-	S	7.7	45		-2	2	7	4	6	-	-	-	-4	3	2	2	-1	-	-	-	-	0.11
02	66.0625	165.4583	2	29	0	402617	07/26/76	20	12	16.5	-	S	7.1	109		-2	2	7	4	6	-	-	-	-4	3	2	2	-1	-	-	-	-	0.01
02	66.0583	165.5708	2	29	0	402618	07/26/76	22	12	16.6	-	S	6.7	2		-2	2	7	4	6	-	-	-	-4	3	2	2	-2	-	-	-	-	0.95
02	66.0819	165.9877	2	27	0	402619	07/26/76	23	12	11.6	-	-	7.8	-		3	2	7	4	6	2	3	2	2	4	3	2	2	-	1	-	-	-	0.33
02	66.0950	166.0033	2	29	0	402620	07/26/76	23	12	14.2	-	-	8.2	-		6	2	7	4	6	2	3	2	2	4	3	2	2	-	1	-	-	-	0.90
02	66.0805	166.0638	2	27	0	402621	07/26/76	23	11	9.6	-	-	8.2	-		6	2	7	4	6	2	3	2	2	4	3	2	2	-	1	-	-	-	1.46
02	66.1033	166.0611	2	29	0	402622	07/26/76	23	11	9.8	-	-	8.0	-		6	2	7	4	6	2	3	2	3	4	3	2	2	-	1	-	-	-	1.70
02	66.1111	166.1541	2	27	0	402623	07/26/76	23	11	8.6	-	-	8.6	-		6	2	7	4	6	2	3	2	2	4	3	2	2	-	1	-	-	-	1.33
02	66.1125	166.1250	2	29	0	402624	07/26/76	23	11	9.0	-	-	9.8	-		0	2	7	4	6	2	3	2	3	4	3	2	2	-	1	-	-	-	0.13
02	66.1361	166.2988	2	29	0	402627	07/26/76	23	11	8.4	-	-	8.6	455		0	2	7	4	6	2	3	2	3	4	3	2	2	-	1	-	-	-	0.61
02	66.1208	166.3077	2	29	0	402628	07/26/76	23	11	8.2	-	-	8.8	150		0	2	7	4	6	2	3	2	3	4	3	2	2	-	1	-	-	-	0.01
02	66.1027	166.4430	2	27	0	402629	07/26/76	23	11	8.8	-	-	8.6	65		3	2	7	4	6	2	3	2	2	4	3	2	2	-	1	-	-	-	0.01
02	66.1055	166.4576	2	27	0	402630	07/26/76	23	11	8.2	-	-	8.2	100		13	2	7	4	6	2	3	2	2	4	3	2	2	-	1	-	-	-	0.01
02	66.0736	166.5376	2	29	0	402631	07/26/76	23	11	7.8	-	-	7.8	-		6	2	7	4	6	2	3	2	3	4	3	2	2	-	1	-	-	-	0.39
02	66.0733	166.5716	2	27	0	402632	07/26/76	23	11	8.0	-	-	7.6	10		-2	2	7	4	6	2	3	2	2	4	3	2	2	-	1	-	-	-	0.65
02	66.0500	166.6666	2	27	0	402633	07/26/76	24	10	7.6	-	-	7.6	195		9	2	7	4	6	2	3	1	2	4	3	2	2	-	1	-	-	-	0.17
02	66.0283	166.6486	2	27	0	402634	07/26/76	24	10	8.0	-	-	7.8	10		13	2	7	4	6	2	3	1	2	4	3	2	2	-	1	-	-	-	0.82
02	66.0361	166.7188	2	29	0	402635	07/26/76	24	10	9.2	-	-	10.2	-		13	2	7	4	6	2	3	2	3	4	3	2	2	-	1	-	-	-	0.18
02	66.0266	166.7271	2	27	0	402636	07/26/76	24	10	8.2	-	-	7.8	-		13	2	7	4	6	2	3	1	2	4	3	2	2	-	1	-	-	-	0.15
02	66.0100	166.6044	2	27	0	402637	07/26/76	24	10	8.6	-	-	8.2	3100		13	2	7	4	6	-	-	-	-4	3	2	2	-1	-	-	-	-	0.03
02	66.0066	166.5450	2	29	0	402638	07/26/76	24	10	8.2	-	-	10.2	310		0	2	7	4	6	2	3	2	3	4	3	2	2	-	1	-	-	-	0.01
02	66.0266	166.5333	2	29	0	402639	07/26/76	24	10	11.7	-	S	7.2	60		-2	2	7	4	6	2	3	2	3	4	3	2	2	-	1	-	-	-	0.14
02	66.0400	166.5333	2	27	0	402640	07/26/76	24	10	8.2	-	-	7.8	340		6	2	7	4	6	2	3	1	2	4	3	2	2	-	1	-	-	-	0.25
02	66.0516	166.5166	2	29	0	402641	07/26/76	24	10	8.6	-	-	10.1	100		9	2	7	4	6	2	3	2	3	4	3	2	2	-	1	-	-	-	0.19
02	66.0500	166.4161	2	29	0	402642	07/26/76	24	10	6.4	-	-	7.6	80		0	2	7	4	6	2	3	2	3	4	3	2	2	-	1	-	-	-	0.26
02	66.0400	166.3900	2	29	0	402643	07/26/76	24	10	6.4	-	-	7.8	95		6	2	7	4	6	2	3	2	3	4	3	2	2	-	1	-	-	-	0.09
02	66.0283	166.3250	2	29	0	402644	07/26/76	24	10	6.8	-	-	7.6	200		19	2	7	4	6	2	3	2	3	4	3	2	2	-	1	-	-	-	0.30
02	66.0638	166.3333	2	29	0	402645	07/26/76	24	10	7.4	-	-	8.4	285		6	2	7	4	6	2	3	2	3	4	3	2	2	-	1	-	-	-	0.23
02	66.0583	166.1877	2	27	0	402646	07/26/76	1	9	6.2	-	-	8.4	100		13	2	7	4	6	2	3	1	2	4	3	2	2	-	1	-	-	-	0.26
02	66.0402	166.2305	2	27	0	402647	07/26/76	1	9	6.4	-	-	7.8	420		13	2	7	4	6	2	3	1	2	4	3	2	2	-	1	-	-	-	0.20
02	66.0319	166.1783	2	27	0	402648	07/26/76	1	9	6.8	-	-	8.2	409		9	2	7	4	6	2	3	1	2	4	3	2	2	-	1	-	-	-	0.40
02	66.0350	166.0705	2	27	0	402649	07/26/76	1	9	7.0	-	-	7.6	500		0	2	7	4	6	2	3	1	2	4	3	2	2	-	1	-	-	-	0.73
02	66.0305	165.1461	2	29	0	402654	07/27/76	16	22	17.8	-	S	8.3	28		-2	2	7	4	6	-	-	-	-4	3	2	1	-1	-	-	-	-	0.02
02	66.0138	165.1950	2	29	0	402655	07/27/76	16	21	17.1	-	S	7.0	68		-2	2	7	4	6	-	-	-	-4	3	2	1	-1	-	-	-	-	0.08
02	66.0283	165.4460	2	29	0	402656	07/27/76	16	23	17.3	-	S	7.9	71		-2	2	7	4	6	-	-	-	-4	3	2	1	-1	-	-	-	-	0.01
02	66.0375	165.5638	2	29	0	402657	07/27/76	16	21	17.4	-	S	7.5	145		-2	2	7	4	6	-	-	-	-4	3	2	1	-1	-	-	-	-	0.09

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples Analyzed by Fluorometry

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
							TIME SAMPLED																							
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	DATE	HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (IN.-HES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY UNITS IN ppb
02-66.	0333-	165.	6277-	2-	29-	0-402658-	07/27/76-	16-	22-17.4-	-S-			8.0-	85-		-2-7-4-6-	-	-	-	-4-3-2-1-	-1-	-	-	-	-					0.06
02-66.	0291-	165.	7726-	2-	29-	0-402659-	07/27/76-	16-	21-17.2-	-S-			7.9-	69-		-2-7-4-6-	-	-	-	-4-3-2-1-	-1-	-	-	-	-					0.01
02-66.	0261-	165.	8560-	2-	29-	0-402660-	07/27/76-	16-	23-17.1-	-S-			7.9-	79-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.05
02-66.	0283-	165.	9519-	2-	29-	0-402661-	07/27/76-	16-	22-18.0-	-S-			7.9-	64-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.01
02-66.	1850-	165.	9505-	2-	29-	0-402662-	07/27/76-	16-	23-16.9-	-S-			7.6-	227-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.29
02-66.	2000-	165.	9250-	2-	29-	0-402663-	07/27/76-	17-	21-17.0-	-S-			7.9-	94-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.01
02-66.	2194-	165.	7666-	2-	29-	0-402664-	07/27/76-	17-	22-17.4-	-S-			7.9-	62-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.01
02-66.	2183-	165.	8233-	2-	29-	0-402665-	07/27/76-	17-	22-17.2-	-S-			7.8-	86-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.05
02-66.	2336-	165.	8550-	2-	29-	0-402666-	07/27/76-	17-	23-16.1-	-S-			7.9-	71-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.02
02-66.	2625-	165.	8305-	2-	29-	0-402667-	07/27/76-	17-	22-16.5-	-S-			7.6-	58-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.09
02-66.	2505-	165.	7871-	2-	29-	0-402668-	07/27/76-	17-	21-16.2-	-	-		8.1-	315-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.11
02-66.	2472-	165.	6708-	2-	29-	0-402669-	07/27/76-	17-	23-16.8-	-S-			9.1-	30-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.01
02-66.	2388-	165.	5416-	2-	29-	0-402670-	07/27/76-	17-	23-16.8-	-S-			8.7-	23-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.02
02-66.	2766-	165.	5361-	2-	29-	0-402671-	07/27/76-	17-	21-16.6-	-S-			8.2-	26-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.03
02-66.	2866-	165.	6333-	2-	29-	0-402672-	07/27/76-	17-	22-16.4-	-S-			7.6-	72-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.01
02-66.	2972-	165.	7400-	2-	29-	0-402673-	07/27/76-	17-	21-16.1-	-S-			7.6-	86-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.01
02-66.	3138-	165.	7404-	2-	29-	0-402674-	07/27/76-	17-	22-16.3-	-S-			7.6-	68-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.01
02-66.	3277-	165.	6666-	2-	29-	0-402675-	07/27/76-	17-	21-16.1-	-S-			7.8-	57-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.28
02-66.	3541-	165.	6236-	2-	29-	0-402676-	07/27/76-	18-	20-16.1-	-S-			7.5-	49-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.21
02-66.	3666-	165.	5360-	2-	29-	0-402677-	07/27/76-	18-	20-16.2-	-S-			7.5-	27-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.01
02-66.	3208-	165.	5533-	2-	29-	0-402678-	07/27/76-	18-	21-16.6-	-S-			7.4-	45-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.06
02-66.	3666-	165.	4566-	2-	29-	0-402679-	07/27/76-	18-	19-16.6-	-S-			7.2-	61-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.01
02-66.	3375-	165.	4461-	2-	29-	0-402680-	07/27/76-	18-	21-16.6-	-S-			7.4-	52-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.01
02-66.	2750-	165.	4460-	2-	29-	0-402681-	07/27/76-	18-	18-16.2-	-S-			7.7-	46-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.17
02-66.	2500-	165.	4244-	2-	29-	0-402682-	07/27/76-	18-	18-16.9-	-S-			7.5-	84-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.07
02-66.	2111-	165.	4444-	2-	29-	0-402683-	07/27/76-	18-	19-16.6-	-S-			7.7-	73-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.19
02-66.	2116-	165.	4997-	2-	29-	0-402684-	07/27/76-	18-	19-18.1-	-S-			7.7-	45-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.01
02-66.	1650-	165.	4605-	2-	29-	0-402685-	07/27/76-	18-	20-17.5-	-S-			7.4-	145-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.01
02-66.	1133-	165.	1372-	2-	29-	0-402686-	07/27/76-	18-	20-17.5-	-S-			8.1-	58-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.17
02-66.	0483-	165.	0464-	2-	29-	0-402687-	07/27/76-	18-	20-17.9-	-S-			7.8-	54-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.34
02-66.	0125-	164.	9375-	2-	29-	0-402688-	07/27/76-	18-	19-17.8-	-S-			7.7-	108-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.21
02-66.	0027-	164.	8083-	2-	29-	0-402689-	07/27/76-	18-	21-17.8-	-S-			8.2-	33-		-2-7-4-6-	-	-	-	-4-3-1-1-	-1-	-	-	-	-					0.14
02-66.	0138-	164.	7361-	2-	29-	0-402785-	07/29/76-	13-	8-14.1-	-S-			8.1-	3-		-2-7-6-6-	-3-1-	-3-3-3-4-	-1-	-	-	-	-					0.39
02-66.	0555-	164.	7373-	2-	29-	0-402786-	07/29/76-	13-	8-11.0-	-	-		7.4-	45-		6-2-7-4-6-2-	3-1-	2-4-3-3-4-	-1-	-	-	-	-					0.74
02-66.	0472-	164.	7771-	2-	29-	0-402787-	07/29/76-	13-	10-11.2-	-	-		8.0-	50-		6-2-7-4-6-3-	2-1-	2-3-3-3-4-	-1-	-	-	-	-					0.05
02-66.	0972-	164.	8875-	2-	29-	0-402788-	07/29/76-	14-	8-14.9-	-S-			7.3-	54-		-2-7-6-6-	-3-1-	-3-3-3-4-	-1-	-	-	-	-					0.51
02-66.	1263-	165.	0083-	2-	29-	0-402789-	07/29/76-	14-	9-14.7-	-S-			7.1-	152-		-2-7-6-6-	-3-1-	-3-3-3-4-	-1-	-	-	-	-					0.01
02-66.	1444-	165.	0736-	2-	27-	0-402790-	07/29/76-	14-	9-10.8-	-	-		7.0-	65-		13-2-7-4-6-3-	3-1-	2-3-3-3-4-	-1-	-	-	-	-					0.26
02-66.	1458-	165.	0458-	2-	29-	0-402791-	07/29/76-	14-	10-10.9-	-	-		8.2-	45-		-7-2-6-6-	-3-1-	-4-3-3-4-	-1-	-	-	-	-					0.01
02-66.	1944-	165.	1555-	2-	29-	0-402792-	07/29/76-	14-	9-14.8-	-S-			7.8-	3-		-2-7-6-6-	-3-1-	-4-3-3-4-	-1-	-	-	-	-					0.02
02-66.	2055-	165.	2541-	2-	29-	0-402793-	07/29/76-	14-	10-14.5-	-S-			8.2-	22-		-2-7-4-6-	-3-1-	-4-3-3-4-	-1-	-	-	-	-					0.01
02-66.	2419-	165.	3111-	2-	29-	0-402794-	07/29/76-	14-	10-14.4-	-S-			7.4-	35-		-7-2-6-6-	-3-1-	-3-3-3-4-	-1-	-	-	-	-					0.54
02-66.	2875-	165.	3271-	2-	29-	0-402795-	07/29/76-	14-	10-14.2-	-S-			7.4-	55-		-7-2-6-6-	-3-1-	-4-3-3-4-	-1-	-	-	-	-					0.01
02-66.	3166-	165.	3694-	2-	27-	0-402796-	07/29/76-	14-	9-11.0-	-	-		7.4-	60-		13-7-2-4-6-2-	3-1-	2-4-3-3-4-	-1-	-	-	-	-					0.01
02-66.	3486-	165.	3410-	2-	27-	0-402797-	07/29/76-	14-	10-10.8-	-	-		7.2-	60-		6-7-2-4-6-2-	3-1-	2-4-3-3-4-	-1-	-	-	-	-					0.35
02-66.	4027-	165.	4833-	2-	29-	0-402798-	07/29/76-	14-	10-14.3-	-S-			7.6-	80-		-7-2-6-6-	-3-1-	2-4-3-3-4-	-1-	-	-	-	-					1.24
02-66.	3858-	165.	1805-	2-	29-	0-402799-	07/29/76-	14-	10-14.5-	-S-			7.6-	47-		-7-2-6-6-	-3-1-	-4-3-3-4-	-1-	-	-	-	-					0.88
02-66.	3763-	165.	1972-	2-	29-	0-402800-	07/29/76-	14-	10-14.6-	-S-			7.5-	32-		-7-2-6-6-	-3-1-	-4-3-3-4-	-1-	-	-	-	-					0.01
02-66.	3944-	165.	0819-	2-	27-	0-402801-	07/29/76-	14-	10-12.8-	-	-		8.0-	50-		9-7-2-4-6-2-	2-1-	2-4-3-2-4-	-1-	-	-	-	-					0.52
02-66.	3638-	165.	0976-	2-	27-	0-402802-	07/29/76-	14-	10-11.8-	-	-		7.8-	90-		6-7-2-4-6-2-	3-1-	2-3-3-2-4-	-1-	-	-	-	-					0.01
02-66.	3208-	165.	1777-	2-	29-	0-402803-	07/29/76-	15-	10-14.8-	-	-		7.6-	50-		6-7-2-6-6-	-3-1-	-4-3-2-3-	-1-	-	-	-	-					0.03

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples Analyzed by Fluorometry

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																									U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY (UNITS IN ppb)
02-	66.3263-	165.1666-	2-29-			0-402804-	07/29/76-	15-	10-	17.0-	-	-	7.6-	70-	0-7-2-6-6-	-3-	1-	-4-	3-	2-	3-	-1-	-	-	-	-	1.60					
02-	66.2752-	165.1791-	2-27-			0-402805-	07/29/76-	15-	10-	13.0-	-	-	7.6-	50-	6-2-7-5-6-2-	3-	1-	2-	3-	3-	3-	4-	-1-	-	-	-	-	1.17					
02-	66.2916-	165.1527-	2-27-			0-402806-	07/29/76-	15-	10-	11.9-	-	-	7.6-	70-	6-2-7-4-6-2-	3-	1-	2-	3-	3-	3-	4-	-1-	-	-	-	-	1.31					
02-	66.2402-	165.1291-	2-29-			0-	402807-	07/29/76-	15-	10-	14.9-	C-	-	8.2-	70-	6-7-2-6-6-	-3-	1-	-4-	3-	3-	3-	-1-	-	-	-	-	0.01					
02-	66.2333-	165.1835-	2-27-			0-402808-	07/29/76-	15-	9-	12.6-	-	-	7.8-	70-	13-7-2-5-6-2-	3-	1-	2-	4-	3-	3-	3-	-1-	-	-	-	-	0.01					
02-	66.2375-	164.9291-	2-27-			0-402809-	07/29/76-	15-	9-	14.0-	-	-	7.6-	100-	6-7-2-5-6-2-	3-	1-	2-	3-	3-	3-	4-	-1-	-	-	-	-	0.01					
02-	66.2494-	164.9805-	2-27-			0-402810-	07/29/76-	15-	9-	10.6-	-	-	7.8-	90-	0-7-2-5-6-2-	3-	1-	2-	3-	3-	3-	4-	-1-	-	-	-	-	0.23					
02-	66.2069-	164.8708-	2-29-			0-402811-	07/29/76-	15-	10-	14.8-	-	S-	7.6-	45-	-7-2-6-6-	-3-	1-	-3-	3-	-	-	-	-1-	-	-	-	-	0.32					
02-	66.1800-	164.8271-	2-29-			0-402812-	07/29/76-	15-	10-	14.3-	-	-	7.4-	3-	-7-2-6-6-	-3-	1-	-4-	3-	3-	4-	-1-	-	-	-	-	0.01					
02-	66.1375-	164.7722-	2-29-			0-402813-	07/29/76-	15-	10-	14.5-	-	S-	7.1-	20-	-7-2-6-6-	-3-	1-	-4-	3-	2-	4-	-1-	-	-	-	-	0.14					
02-	66.1375-	164.6430-	2-27-			0-402814-	07/29/76-	15-	9-	11.0-	-	-	8.2-	70-	6-2-7-5-6-2-	3-	1-	2-	4-	3-	3-	4-	-1-	-	-	-	-	0.44					
02-	66.1222-	164.6738-	2-27-			0-402815-	07/29/76-	15-	10-	12.6-	-	-	8.0-	150-	19-2-7-6-6-2-	3-	1-	2-	3-	3-	3-	4-	-1-	-	-	-	-	0.15					
02-	66.0958-	164.5958-	2-27-			0-402816-	07/29/76-	16-	10-	11.0-	-	-	7.6-	200-	6-2-7-5-6-2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-	0.25					
02-	66.0750-	164.6444-	2-27-			0-402817-	07/29/76-	16-	10-	12.8-	-	-	7.2-	60-	6-2-7-4-6-2-	3-	1-	2-	3-	3-	3-	3-	-1-	-	-	-	-	0.01					
02-	66.1055-	164.5444-	2-29-			0-402818-	07/29/76-	16-	10-	14.3-	-	S-	7.7-	42-	-7-2-6-6-	-3-	1-	-4-	3-	2-	4-	-1-	-	-	-	-	0.23					
02-	66.0586-	164.4694-	2-27-			0-402819-	07/29/76-	16-	10-	10.6-	-	-	7.2-	37-	6-2-7-6-6-2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-	0.06					
02-	66.0722-	164.4305-	2-27-			0-402820-	07/29/76-	16-	10-	11.0-	-	-	7.6-	45-	0-2-7-5-6-2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-	0.11					
02-	66.0388-	164.4750-	2-27-			0-402822-	07/29/76-	16-	10-	12.0-	-	-	7.2-	42-	26-2-7-5-6-2-	3-	2-	1-	4-	3-	3-	3-	-1-	-	-	-	-	0.19					
02-	66.0280-	164.4271-	2-29-			0-402823-	07/29/76-	16-	10-	14.8-	-	S-	7.6-	20-	-7-2-6-6-	-3-	1-	-4-	3-	2-	3-	-1-	-	-	-	-	0.01					
02-	66.0652-	164.8861-	2-29-			0-402827-	07/30/76-	13-	13-	14.3-	-	S-	8.6-	44-	-2-7-4-6-	-	-	-	-	4-	3-	1-	2-	-1-	-	-	-	-	0.42					
02-	66.0958-	164.8041-	2-29-			0-402828-	07/30/76-	13-	14-	14.1-	-	S-	7.5-	121-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.01					
02-	66.1541-	164.8527-	2-29-			0-402829-	07/30/76-	13-	15-	14.5-	-	S-	7.9-	36-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.43					
02-	66.2277-	164.8194-	2-29-			0-402830-	07/30/76-	13-	16-	14.4-	-	S-	7.9-	38-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.51					
02-	66.2944-	164.8416-	2-27-			0-402831-	07/30/76-	13-	15-	11.7-	-	-	7.3-	70-	16-2-7-4-6-2-	3-	1-	2-	-4-	3-	1-	2-	-1-	-	-	-	-	0.26					
02-	66.2861-	164.8750-	2-27-			0-402832-	07/30/76-	13-	15-	12.3-	-	-	-	70-	16-2-7-4-6-2-	3-	1-	2-	-4-	3-	1-	2-	-1-	-	-	-	-	0.08					
02-	66.3111-	164.8250-	2-27-			0-402833-	07/30/76-	13-	16-	13.2-	-	-	7.1-	70-	6-2-7-4-6-2-	3-	1-	2-	-4-	3-	1-	2-	-1-	-	-	-	-	0.01					
02-	66.3166-	164.8638-	2-27-			0-402834-	07/30/76-	13-	16-	14.0-	-	-	7.0-	70-	0-2-7-4-6-2-	3-	1-	2-	-4-	3-	1-	2-	-1-	-	-	-	-	0.01					
02-	66.3652-	164.8361-	2-29-			0-402835-	07/30/76-	13-	15-	13.7-	-	S-	7.8-	68-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.01					
02-	66.3686-	164.8666-	2-29-			0-402836-	07/30/76-	14-	15-	13.7-	-	S-	7.8-	59-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.01					
02-	66.4000-	164.7833-	2-29-			0-402837-	07/30/76-	14-	15-	14.2-	-	S-	7.4-	67-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.01					
02-	66.4111-	164.8666-	2-29-			0-402838-	07/30/76-	14-	16-	13.8-	-	S-	7.6-	60-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.45					
02-	66.4352-	164.8930-	2-29-			0-402839-	07/30/76-	14-	15-	13.9-	-	S-	7.6-	48-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.37					
02-	66.4597-	164.7972-	2-29-			0-402840-	07/30/76-	14-	16-	14.1-	-	S-	7.5-	338-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.03					
02-	66.4861-	164.7666-	2-29-			0-402841-	07/30/76-	14-	16-	13.2-	-	S-	8.4-	83-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.01					
02-	66.4916-	164.6833-	2-29-			0-402842-	07/30/76-	14-	16-	13.6-	-	S-	8.1-	50-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.18					
02-	66.3277-	164.8527-	2-29-			0-402843-	07/30/76-	14-	15-	13.7-	-	S-	7.8-	97-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.01					
02-	66.5347-	164.5888-	2-29-			0-402844-	07/30/76-	14-	16-	14.1-	-	S-	7.9-	83-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.18					
02-	66.5333-	164.4805-	2-29-			0-402845-	07/30/76-	14-	15-	14.5-	-	S-	7.8-	128-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.02					
02-	66.5611-	164.4388-	2-29-			0-402846-	07/30/76-	14-	15-	14.4-	-	S-	7.9-	168-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.02					
02-	66.5505-	164.3726-	2-29-			0-402847-	07/30/76-	14-	15-	13.9-	-	S-	8.0-	131-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.25					
02-	66.5708-	164.3555-	2-29-			0-402848-	07/30/76-	14-	16-	14.2-	-	S-	8.3-	40-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.32					
02-	66.5680-	164.2555-	2-29-			0-402849-	07/30/76-	14-	17-	14.1-	-	S-	8.0-	42-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.32					
02-	66.5375-	164.2222-	2-29-			0-402850-	07/30/76-	14-	17-	14.1-	-	S-	7.9-	40-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.18					
02-	66.5444-	164.1347-	2-29-			0-402851-	07/30/76-	14-	17-	14.3-	-	S-	7.6-	147-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.15					
02-	66.5805-	164.1250-	2-29-			0-402852-	07/30/76-	14-	16-	13.4-	-	S-	8.0-	93-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.18					
02-	66.5875-	164.0069-	2-29-			0-402853-	07/30/76-	14-	15-	13.5-	-	S-	7.9-	118-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.23					
02-	66.5616-	163.9861-	2-29-			0-402854-	07/30/76-	15-	15-	14.2-	-	S-	8.0-	72-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.01					
02-	66.5513-	163.9416-	2-29-			0-402855-	07/30/76-	15-	15-	14.1-	-	S-	7.6-	88-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.01					
02-	66.5805-	163.9027-	2-29-			0-402856-	07/30/76-	15-	16-	12.9-	-	-	7.7-	248-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.01					
02-	66.5833-	163.8166-	2-29-			0-402857-	07/30/76-	15-	16-	12.9-	-	-	7.9-	171-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.06					
02-	66.5727-	163.7083-	2-29-			0-402858-	07/30/76-	15-	16-	13.4-	-	S-	7.8-	288-	-2-7-4-6-	-	-	-	-4-	3-	1-	2-	-1-	-	-	-	-	0.68					

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples Analyzed by Fluorometry

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY: UNITS IN ppb
02-66.5305-163.7976-2-29-						0-402859-07/30/76-15-			18-13.8-	-S-	8.1-	67-		-2-7-4-6-	-	-	-	-4-3-1-2-	-1-	-	-	-	-							0.07
02-66.4977-163.8194-2-29-						0-402860-07/30/76-15-			15-13.8-	-S-	7.6-	132-		-2-7-4-6-	-	-	-	-4-3-1-2-	-1-	-	-	-	-							0.11
02-66.4958-163.8805-2-29-						0-402861-07/30/76-15-			15-14.4-	-S-	7.9-	81-		-2-7-4-6-	-	-	-	-4-3-1-2-	-1-	-	-	-	-							0.43
02-66.4944-164.0208-2-29-						0-402862-07/30/76-15-			17-14.1-	-S-	7.9-	51-		-2-7-4-6-	-	-	-	-4-3-1-2-	-1-	-	-	-	-							0.01
02-66.4972-164.1271-2-29-						0-402863-07/30/76-16-			16-14.1-	-S-	8.0-	169-		-2-7-4-6-	-	-	-	-4-3-1-2-	-1-	-	-	-	-							0.26
02-66.5027-164.2375-2-29-						0-402864-07/30/76-15-			15-14.5-	-S-	6.5-	61-		-2-7-4-6-	-	-	-	-4-3-1-2-	-1-	-	-	-	-							0.01
02-66.4986-164.3053-2-29-						0-402865-07/30/76- -			14-12.1-	-S-	8.2-	79-		-2-7-4-6-	-	-	-	-4-3-1-2-	-1-	-	-	-	-							0.01
02-66.4916-164.4791-2-29-						0-402866-07/30/76-15-			16-14.2-	-S-	7.9-	45-		-2-7-4-6-	-	-	-	-4-3-1-2-	-1-	-	-	-	-							0.26
02-66.4861-164.5458-2-29-						0-402867-07/30/76-15-			15-14.5-	-S-	8.0-	28-		-2-7-4-6-	-	-	-	-4-3-1-2-	-1-	-	-	-	-							0.01
02-66.4713-164.6347-2-29-						0-402868-07/30/76-15-			15-14.7-	-S-	7.9-	42-		-2-7-4-6-	-	-	-	-4-3-1-2-	-1-	-	-	-	-							0.01
02-66.4611-164.6583-2-29-						0-402869-07/30/76-15-			16-15.2-	-S-	7.6-	143-		-2-7-4-6-	-	-	-	-4-3-1-2-	-1-	-	-	-	-							0.07
02-66.4236-164.6916-2-29-						0-402870-07/30/76-15-			15-14.8-	-S-	8.2-	48-		-2-7-4-6-	-	-	-	-4-3-1-2-	-1-	-	-	-	-							0.01
02-66.3569-164.6944-2-29-						0-402871-07/30/76-16-			16-14.7-	-S-	8.0-	56-		-2-7-4-6-	-	-	-	-4-3-1-2-	-1-	-	-	-	-							0.01
02-66.3375-164.6919-2-29-						0-402872-07/30/76-16-			16-14.1-	-S-	7.9-	37-		-2-7-4-6-	-	-	-	-4-3-1-2-	-1-	-	-	-	-							0.45
02-66.2819-164.7097-2-29-						0-402873-07/30/76-16-			16-15.2-	-S-	7.9-	37-		-2-7-4-6-	-	-	-	-4-3-1-2-	-1-	-	-	-	-							0.01
02-66.2527-164.7069-2-29-						0-402874-07/30/76-16-			15-15.3-	-S-	7.5-	220-		-2-7-4-6-	-	-	-	-4-3-1-2-	-1-	-	-	-	-							0.01
02-66.1986-164.7009-2-29-						0-402875-07/30/76-16-			15-14.9-	-S-	8.5-	33-		-2-7-4-6-	-	-	-	-4-3-1-2-	-1-	-	-	-	-							0.01
02-66.1141-164.6009-2-29-						0-402957-07/31/76-19-			16-16.1-	-S-	7.8-	64-		-2-7-4-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-							0.01
02-66.1200-164.6633-2-29-						0-402958-07/31/76-19-			16-15.9-	-S-	7.6-	73-		-2-7-4-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-							0.01
02-66.1294-164.6100-2-29-						0-402959-07/31/76-19-			16-16.4-	-S-	7.8-	32-		-2-7-4-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-							0.03
02-66.1355-164.6316-2-29-						0-402960-07/31/76-19-			16-15.8-	-S-	7.6-	47-		-2-7-4-6-	-	-4-3-3-2-	-1-	-	-	-	-							0.17
02-66.2083-164.6902-2-29-						0-402961-07/31/76-19-			16-10.8-C-	-	-	700-		6-2-7-4-6-3-3-1-2-4-3-3-2-	-1-	-	-	-	-							0.14
02-66.1805-164.3050-2-29-						0-402962-07/31/76-19-			16-11.2-C-	-	-	1500-		10-2-7-4-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-							0.65
02-66.1733-164.3683-2-29-						0-402963-07/31/76-19-			16-16.3-	-S-	7.6-	258-		-2-7-4-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-							0.03
02-66.1600-164.3700-2-27-						0-402964-07/31/76-19-			16-11.4-C-	-	-	180-		9-2-7-4-6-2-3-1-2-4-3-3-2-	-1-	-	-	-	-							1.55
02-66.1583-164.4466-2-27-						0-402965-07/31/76-19-			16-11.4-C-	-	-	220-		9-2-7-4-6-3-3-1-2-4-3-3-2-	-1-	-	-	-	-							0.16
02-66.1255-164.4100-2-27-						0-402966-07/31/76-20-			16-10.6-C-	-	-	55-		9-2-7-4-6-3-3-1-2-4-3-3-2-	-1-	-	-	-	-							0.03
02-66.1600-164.5339-2-29-						0-402967-07/31/76-20-			16-16.5-	-S-	8.4-	155-		-2-7-4-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-							0.21
02-66.2063-164.5152-2-29-						0-402968-07/31/76-20-			16-11.8-C-	-	-	70-		0-2-7-4-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-							0.14
02-66.2197-164.4960-2-27-						0-402969-07/31/76-20-			16-11.6-C-	-	-	70-		19-2-7-4-6-2-3-1-2-3-3-3-2-	-1-	-	-	-	-							0.01
02-66.2080-164.5360-2-27-						0-402970-07/31/76-20-			16-11.8-C-	-	-	60-		89-2-7-4-6-2-3-1-2-3-3-3-2-	-1-	-	-	-	-							0.01
02-66.2733-164.5769-2-29-						0-402972-07/31/76-20-			17-16.4-	-S-	8.2-	2-		-2-7-4-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-							0.02
02-66.3533-164.5600-2-29-						0-402974-07/31/76-20-			16-15.0-	-S-	8.3-	37-		-2-7-4-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-							0.04
02-66.4133-164.5400-2-29-						0-402975-07/31/76-20-			16-15.6-C-S-		7.6-	42-		-2-7-4-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-							0.40
02-66.4355-164.4950-2-29-						0-402976-07/31/76-20-			16-15.5-	-S-	7.6-	2-		-2-7-4-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-							0.45
02-66.4200-164.4550-2-29-						0-402977-07/31/76-20-			16-16.1-C-S-		7.5-	2-		-2-7-4-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-							0.33
02-66.4472-164.4080-2-29-						0-402978-07/31/76-20-			16-14.5-C-S-		7.6-	52-		-2-7-4-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-							0.01
02-66.4166-164.3569-2-27-						0-402979-07/31/76-20-			15-10.8-C-	-	-	110-		13-2-7-4-6-2-3-1-2-4-3-3-2-	-1-	-	-	-	-							0.01
02-66.3613-164.3100-2-27-						0-402981-07/31/76-20-			15-11.8-C-	-	-	45-		0-2-7-4-6-2-3-1-3-4-3-3-2-	-1-	-	-	-	-							0.01
02-66.3761-164.3508-2-27-						0-402982-07/31/76-20-			15-11.4-C-	-	-	95-		9-2-7-4-6-2-3-1-2-4-3-3-2-	-1-	-	-	-	-							0.01
02-66.3600-164.4450-2-29-						0-402983-07/31/76-21-			15-14.7-C-S-		7.9-	23-		-2-7-4-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-							0.03
02-66.3369-164.4400-2-29-						0-402984-07/31/76-21-			15-16.6-C-S-		7.5-	50-		-2-7-4-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-							0.02
02-66.3166-164.4100-2-29-						0-402985-07/31/76-21-			15-16.2-C-S-		7.6-	56-		-2-7-4-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-							0.02
02-66.2633-164.4419-2-29-						0-402986-07/31/76-21-			16-16.1-C-S-		7.5-	52-		-2-7-4-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-							0.01
02-66.2633-164.4111-2-29-						0-402987-07/31/76-21-			16-16.7-	-	-	38-		-2-7-4-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-							0.03
02-66.2266-164.3700-2-29-						0-402988-07/31/76-21-			15-16.1-	-S-	7.8-	35-		-2-7-4-6-	-3-2-	-4-3-3-2-	-1-	-	-	-	-							0.01
02-66.2294-164.3004-2-29-						0-402989-07/31/76-21-			14-15.7-	-S-	7.5-	118-		-2-7-4-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-							0.03
02-66.1766-164.2809-2-29-						0-402990-07/31/76-21-			14-16.2-	-S-	7.9-	61-		-2-7-4-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-							0.04
02-66.1211-164.1216-2-29-						0-402992-07/31/76-21-			16-15.7-	-S-	7.6-	2-		-2-7-4-6-	-3-2-	-4-3-3-2-	-1-	-	-	-	-							0.18
02-66.0766-164.2069-2-29-						0-402993-07/31/76-21-			13-16.1-	-S-	7.5-	14-		-2-7-4-6-	-3-2-	-4-3-3-2-	-1-	-	-	-	-							0.01
02-66.0602-164.2750-2-29-						0-402994-07/31/76-21-			14-16.1-C-S-		7.3-	2-		-2-7-4-6-	-3-2-	-4-3-3-2-	-1-	-	-	-	-							0.03

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples Analyzed by Fluorometry

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																									U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (μmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY (UNITS IN ppb)
02-66.0100-164.6833-2-27-						0-402995-07/31/76-21-			14-11.4-C-	-			-	60-		9-2-7-4-6-3-3-1-2-4-3-3-2-		-1-	-	-	-	-										0.27
02-66.0166-164.1033-2-29-						0-403011-08/01/76- 7-			10-14.1-	-S-	7.8-			72-		-3-6-6-6-	-3-2-	-3-3-3-2-		-1-	-	-	-										0.02
02-66.0650-164.0866-2-29-						0-403012-08/01/76- 7-			10-14.3-	-S-	7.9-			98-		-3-6-6-6-	-3-1-	-3-3-3-2-		-1-	-	-	-										0.20
02-66.1375-163.9933-2-29-						0-403013-08/01/76- 8-			9-13.8-	-S-	7.8-			359-		-2-6- -7-	-3-2-	-3-3-2-2-		-1-	-	-	-										0.02
02-66.1761-164.1050-2-29-						0-403014-08/01/76- 8-			10-12.9-C-	-S-	6.9-			45-		-3-6-4-6-	-3-1-	-4-3-3-2-		-1-	-	-	-										0.01
02-66.2250-163.9866-2-29-						0-403015-08/01/76- 8-			10-14.2-	-S-	6.4-			43-		-2-7-6-6-	-3-1-	-4-3-2-2-		-1-	-	-	-										0.01
02-66.2333-164.0233-2-29-						0-403016-08/01/76- 8-			10-14.4-	-S-	6.8-			64-		-2-7-4-6-	-3-3-	-4-3-2-2-		-1-	-	-	-										0.01
02-66.2505-164.1377-2-29-						0-403017-08/01/76- 8-			9-14.7-	-S-	7.3-			142-		-2-7-6-6-	-3-1-	-4-3-2-2-		-1-	-	-	-										0.02
02-66.2666-164.1433-2-29-						0-403018-08/01/76- 8-			10-14.6-	-S-	7.7-			79-		-3-6-6-6-	-3-1-	-3-3-2-2-		-1-	-	-	-										0.07
02-66.2780-164.1500-2-29-						0-403019-08/01/76- 8-			10-14.8-C-	-S-	7.8-			58-		-3-6-6-6-	-3-1-	-3-3-2-2-		-1-	-	-	-										0.01
02-66.3133-164.1766-2-29-						0-403020-08/01/76- -			10-15.1-	-S-	7.5-			65-		-3-6-6-6-	-3-1-	-4-3-3-2-		-1-	-	-	-										1.10
02-66.3266-164.1966-2-29-						0-403021-08/01/76- 8-			9-15.2-	-S-	7.8-			40-		-3-6-6-6-	-3-1-	-4-3-3-2-		-1-	-	-	-										0.63
02-66.3600-164.1666-2-29-						0-403022-08/01/76- 8-			9-14.3-	-S-	7.8-			28-		-3-6-6-6-	-3-1-	-4-3-2-2-		-1-	-	-	-										0.01
02-66.4155-164.1600-2-29-						0-403023-08/01/76- 8-			8-14.8-	-S-	7.3-			128-		-3-6-6-6-	-3-1-	-4-3-2-2-		-1-	-	-	-										0.01
02-66.4566-164.2266-2-29-						0-403024-08/01/76- 8-			9-13.2-	-S-	7.8-			102-		-3-6-4-6-	-3-4-	-4-3-2-3-		-1-	-	-	-										0.05
02-66.4533-164.1566-2-29-						0-403025-08/01/76- 8-			7-14.6-	-S-	7.8-			75-		-3-6-6-6-	-3-1-	-4-3-2-3-		-1-	-	-	-										0.01
02-66.4666-164.1472-2-29-						0-403026-08/01/76- 8-			9-14.3-	-S-	7.7-			95-		-3-6-6-6-	-3-2-	-4-3-2-2-		-1-	-	-	-										0.42
02-66.4600-163.9783-2-29-						0-403027-08/01/76- 8-			10-14.4-	-S-	7.8-			43-		-3-6-6-6-	-3-1-	-4-3-2-2-		-1-	-	-	-										0.20
02-66.4663-163.7633-2-29-						0-403029-08/01/76- 9-			10-13.4-	-S-	7.0-			196-		-3-6-6-6-	-3- -	-4-3-2-2-		-1-	-	-	-										0.03
02-66.4058-163.8700-2-29-						0-403030-08/01/76- 9-			10-14.0-C-	-S-	6.8-			322-		-3-6-6-6-	-3-2-	-4-3-2-2-		-1-	-	-	-										0.07
02-66.4055-163.9266-2-29-						0-403031-08/01/76- 9-			10-13.7-	-S-	7.9-			49-		-3-6-6-6-	-3-2-	-4-3-2-2-		-1-	-	-	-										0.01
02-66.4055-164.0333-2-29-						0-403032-08/01/76- 8-			10-13.9-	-S-	7.6-			50-		-3-6-6-6-	-3-1-	-4-3-2-2-		-1-	-	-	-										0.09
02-66.3766-164.0300-2-29-						0-403033-08/01/76- 9-			8-12.1-C-	-S-	7.3-			1512-		-3-6-6-6-	-3-1-	-4-3-3-2-		-1-	-	-	-										0.01
02-66.3805-163.9472-2-29-						0-403034-07/01/76- 9-			9-14.3-	-S-	8.6-			57-		-3-6-6-6-	-3-2-	-3-3-2-2-		-1-	-	-	-										0.32
02-66.3708-163.8708-2-29-						0-403035-07/01/76- 9-			9-10.3-	-S-	8.0-			70-		-3-6-6-6-	-3-1-	-4-3-2-2-		-1-	-	-	-										0.46
02-66.3208-163.8866-2-29-						0-403036-08/01/76- 9-			10-13.5-	-S-	8.0-			147-		-3-6-4-6-	-3-2-	-4-3-2-2-		-1-	-	-	-										0.79
02-66.3255-163.9316-2-29-						0-403037-08/01/76- 9-			10-13.9-	-S-	7.8-			78-		-3-6-5-6-	-3-1-	-4-3-2-2-		-1-	-	-	-										0.01
02-66.3166-164.0166-2-29-						0-403038-08/01/76- 9-			10-13.9-C-	-S-	7.8-			46-		-3-6-5-6-	-3-1-	-4-3-2-2-		-1-	-	-	-										0.16
02-66.2994-164.0333-2-29-						0-403039-08/01/76- 9-			10-14.1-C-	-S-	8.1-			46-		-3-6-6-6-	-3-1-	-4-3-2-2-		-1-	-	-	-										0.01
02-66.2938-163.9433-2-29"						0-403040-08/01/76- 9"			10-14.5"	-S"	7.7"			132"		-3-6"6"6"	-3"1-	-4"3-2"2-		-1"	-	-	-										0.01
02-66.2758-163.8633-2-29-						0-403041-08/01/76- 9-			10-13.6-	-S-	8.1-			54-		-3-6-5-6-	-3-1-	-4-3-2-2-		-1-	-	-	-										0.01
02-66.2500-163.8925-2-29-						0-403042-08/01/76- 9-			10-13.7-C-	-S-	8.1-			78-		-3-6-6-6-	-3-1-	-4-3-2-2-		-1-	-	-	-										0.16
02-66.1763-163.9233-2-29-						0-403043-08/01/76- 9-			10-13.4-C-	-S-	7.8-			136-		-3-6-4-6-	-3- -	-4-3-3-2-		-1-	-	-	-										0.68
02-66.1483-163.8900-2-29-						0-403044-08/01/76- 9-			10-13.2-	-S-	7.4-			95-		-3-6-4-6-	-3-1-	-4-3-2-2-		-1-	-	-	-										0.01
02-66.1202-163.9733-2-29-						0-403045-08/01/76- 9-			10-13.7-	-S-	7.1-			20-		-3-6-6-6-	-3-1-	-4-3-2-2-		-1-	-	-	-										0.22
02-66.0616-163.9500-2-29-						0-403046-08/01/76-11-			12-14.6-	-S-	7.7-			34-		-3-6-4-6-	-3-1-	-4-3-2-2-		-1-	-	-	-										0.23
02-66.0666-163.9183-2-29-						0-403047-08/01/76-11-			12-14.5-	-S-	7.3-			57-		-3-6-5-6-	-3-1-	-4-3-2-2-		-1-	-	-	-										0.23
02-66.1030-163.9077-2-29-						0-403048-08/01/76-11-			12-14.6-	-S-	7.3-			25-		-3-6"6"6-	-3-1-	-4"3-2-2-		-1-	-	-	-										0.01
02-66.0900-163.7966-2-29-						0-403049-08/01/76-11-			12-14.5-	-S-	7.2-			62-		-3-6-5-6-	-3-1-	-4-3-2-2-		-1-	-	-	-										0.01
02-66.0808-163.8000-2-29-						0-403050-08/01/76-11-			14-13.9-C-	-S-	7.3-			52-		-3-6-6-6-	-3-1-	-4-3-2-2-		-1-	-	-	-										0.34
02-66.0594-163.8966-2-29-						0-403051-08/01/76-11-			14-14.1-	-S-	6.8-			1782-		-3-6-6-6-	-3-2-	- - - - - - - -													0.17
02-66.0250-163.8100-2-29-						0-403052-08/01/76-11-			13-14.7-	-S-	7.6-			76-		-3-6"6"6-	-3-1-	-4-3-2-2-		-1-	-	-	-										0.03
02-66.0247-163.9883-2-27-						0-403053-08/01/76-11-			14-12.6-	- -	8.0-			26-		6-3-6-4-6-2-3-1-2-3-3-2-2-			-1-	-	-	-										0.13
02-66.0566-163.9666-2-29-						0-403054-08/01/76-11-			13-14.1-C-	-S-	7.6-			48-		-3-6-6-6-	-3-1-	-4-3-2-2-		-1-	-	-	-										0.10
02-66.0527-163.4900-2-27-						0-403055-08/01/76-11-			14-12.6-	- -	7.4-			28-		0-3-7-5-6-2-2-2-2-4-3-2-2-			-1-	-	-	-										0.21
02-66.0400-163.4733-2-27-						0-403056-08/01/76-11-			14-13.2-	- -	7.6-			27-		0-3-6-6-6-6-2-2-2-2-4-3-2-2-			-1-	-	-	-										0.01
02-66.0666-163.9550-2-29-						0-403057-08/01/76-11-			13-14.2-	-S-	6.7-			49-		-3-6-6-6-	-3-1-	-4-3-2-2-		-1-	-	-	-										0.03
02-66.0325-163.8333-2-27-						0-403059-08/01/76-11-			14-13.9-	- -	7.5-			40-		0-3-6-6-6-6-2-3-2-2-1-4-3-2-2-			-1-	-	-	-										0.01
02-66.0583-163.1263-2-29-						0-403060-08/01/76-12-			12-16.8-C-S-		6.5-			-		-3-6-4-6-	-3-1-	-4-3-2-2-		-1-	-	-	-										4.11
02-66.0152-163.1438-2-29-						0-403061-07/01/76-12-			14-15.6-	-S-	9.2-			58-		-3-6-6-6-	-3-2-	-4-3-2-2-		-1-	-	-	-										0.43
02-66.0633-163.0216-2-29-						0-403062-08/01/76-12-			13-15.6-	-S-	7.6-			128-		-3-6-5-6-	-3-1-	-4-3-2-2-		-1-	-	-	-										0.09

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples Analyzed by Fluorometry

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY UNITS IN ppb
02-66,0638-162,9200-2-29-						0-403063-08/01/76-12-			12-15.4-	-S-	7.3-		79-		-3-6-5-6-	-3-1-	-4-3-2-2-	-1-	-	-	-	-								0.05
02-66,0586-162,8466-2-29-						0-403064-08/01/76-12-			11-16.9-	-S-	7.4-		46-		-3-6-6-6-	-3-1-	-4-3-2-2-	-1-	-	-	-	-								0.07
02-66,0600-162,7533-2-29-						0-403065-07/01/76-12-			14-16.3-	-S-	7.4-		33-		-3-6-6-6-	-3-1-	-4-3-2-2-	-1-	-	-	-	-								0.02
02-66,0208-162,8416-2-29-						0-403067-08/01/76-12-			11-16.0-	-S-	7.5-		86-		-3-6-6-6-	-3-1-	-4-3-2-1-	-1-	-	-	-	-								0.01
02-66,0172-162,9233-2-29-						0-403068-08/01/76-12-			13-16.9-	-S-	7.2-		68-		-3-6-5-6-	-3-1-	-4-3-3-1-	-1-	-	-	-	-								0.04
02-66,0127-163,0450-2-29-						0-403069-08/01/76-12-			-18.4-	-S-	6.4-		28-		-3-6-6-6-	-3-1-	-4-3-3-1-	-1-	-	-	-	-								0.01
02-66,0166-163,0430-2-27-						0-403126-08/02/76-20-			16-10.8-	-	7.9-		30-		19-2-7-4-6-2-3-1-2-4-3-3-3-	-1-	-	-	-										0.04
02-66,0041-163,9516-2-29-						0-403127-08/02/76-10-			14-10.8-	-	7.8-		50-		23-2-7-4-6-	-3-1-	-4-3-3-3-	-1-	-	-	-	-								0.02
02-66,0430-163,7916-2-29-						0-403128-08/02/76-10-			14-10.8-	-	8.4-		50-		0-2-7-4-6-	-3-1-	-4-3-3-3-	-1-	-	-	-	-								0.02
02-66,0113-161,4133-2-27-						0-403970-08/12/76- 8-			15-11.4-	-	8.2-		325-		16-3-6-5-6-2-2-1-2-4-3-2-2-	-1-	-	-	-										0.01
02-66,0752-161,4266-2-27-						0-403971-08/12/76- 8-			15-11.6-	-	7.9-		285-		4-3-6-5-6-2-2-1-2-4-3-2-2-	-1-	-	-	-										0.01
02-66,0166-161,4377-2-29-						0-403974-08/12/76- 8-			15-16.3-	-S-	8.3-		703-		-3-6-5-6-	-3-2-	-3-3-2-2-	-1-	-	-	-	-								0.01
02-66,0766-161,4366-2-29-						0-403975-08/12/76- 8-			15-16.8-	-	8.6-		650-		-3-6-5-6-	-3-2-	-3-3-2-2-	-1-	-	-	-	-								0.25
02-66,0683-161,1333-2-29-						0-403976-08/12/76- 8-			15-16.3-	-S-	9.0-		20-		-3-6-5-6-	-3-1-	-3-3-2-2-	-1-	-	-	-	-								1.93
02-66,0200-161,1350-2-29-						0-403977-08/12/76- 8-			15-16.6-	-S-	8.9-		36-		-3-6-5-6-	-3-1-	-3-3-2-2-	-1-	-	-	-	-								0.26
02-66,0058-161,0419-2-27-						0-403978-08/12/76- 9-			15-12.6-	-	7.8-		540-		18-3-6-	-	-2-3-1-2-3-3-2-2-	-1-	-	-	-	-								0.01
02-66,0733-161,0509-2-27-						0-403979-08/12/76- 9-			15-12.2-	-	7.4-		500-		4-3-6-5-6-2-3-1-2-3-3-2-2-	-1-	-	-	-										0.01
02-66,0166-160,9650-2-27-						0-403980-08/12/76- 9-			14-13.4-	-	8.2-		115-		14-3-6-5-6-3-3-1-2-3-3-2-2-	-1-	-	-	-										0.51
02-66,0544-160,9400-2-27-						0-403981-08/12/76- 9-			15-12.8-	-	7.6-		225-		18-3-6-5-6-2-3-1-2-3-3-2-2-	-1-	-	-	-										0.01
02-66,1066-161,0533-2-27-						0-403982-08/12/76- 9-			14-13.8-	-	7.2-		325-		4-3-6-5-6-2-3-1-2-3-3-2-2-	-1-	-	-	-										0.40
02-66,1433-161,0266-2-27-						0-403983-08/12/76- 9-			14-13.2-	-	7.6-		200-		4-3-6-5-6-2-3-1-2-3-3-2-2-	-1-	-	-	-										0.22
02-66,0972-161,1100-2-29-						0-403984-08/12/76- 9-			14-13.6-C-	-	7.0-		220-		4-3-6-7-6-	-3-1-	-3-3-2-2-	-1-	-	-	-	-								0.18
02-66,1533-161,1400-2-27-						0-403985-08/12/76- 9-			14-12.9-C-	-	7.7-		215-		14-3-6-7-6-2-3-1-2-3-3-2-2-	-1-	-	-	-										0.18
02-66,1222-161,2333-2-29-						0-403986-08/12/76- 9-			15-16.1-	-S-	8.2-		6500-		-3-6-5-6-	-3-4-	-3-3-2-2-	-1-	-	-	-	-								3.30
02-66,1483-161,2466-2-29-						0-403987-08/12/76- 9-			14-16.4-	-	8.0-		5825-		-3-6-5-6-	-3-4-	-3-3-2-2-	-1-	-	-	-	-								1.34
02-66,2000-161,2941-2-29-						0-403988-08/12/76- 9-			15-15.5-	-S-	9.5-		37-		-3-6-6-6-	-3-4-	-3-3-2-2-	-1-	-	-	-	-								0.26
02-66,2161-161,3300-2-29-						0-403989-08/12/76- 9-			15-15.0-	-S-	8.9-		45-		-3-6-6-6-	-3-4-	-3-3-2-2-	-1-	-	-	-	-								0.52
02-66,1900-161,1500-2-29-						0-403990-08/12/76- 9-			15-16.1-	-S-	7.4-		227-		-3-6-5-6-	-3-1-	-3-3-2-2-	-1-	-	-	-	-								0.47
02-66,2166-161,0966-2-29-						0-403991-08/12/76- 9-			15-16.4-	-	7.8-		300-		-3-6-5-6-	-3-1-	-3-3-2-2-	-1-	-	-	-	-								0.32
02-66,2266-161,0733-2-29-						0-403992-08/12/76- 9-			15-14.2-	-S-	8.3-		7090-		-3-6-5-6-	-3-1-	-4-3-2-2-	-1-	-	-	-	-								0.56
02-66,2105-160,9600-2-29-						0-403993-08/12/76- 9-			15-14.6-	-S-	8.0-		6985-		-3-6-5-6-	-3-1-	-4-3-2-2-	-1-	-	-	-	-								0.17
02-66,2366-160,9611-2-29-						0-403994-08/12/76- 9-			15-14.0-C-	-S-	7.9-		-		-3-6-5-6-	-3-2-	-4-3-2-2-	-1-	-	-	-	-								1.21
02-66,2333-160,8625-2-29-						0-403995-08/12/76- 9-			15-14.0-C-	-	7.8-		-		-3-6-	-	-3-2-	-4-3-2-2-	-1-	-	-	-	-								1.43
02-66,2983-161,0166-2-29-						0-403996-08/12/76- 9-			16-16.2-	-S-	9.0-		35-		-3-6-5-6-	-3-1-	-4-3-2-2-	-1-	-	-	-	-								1.93
02-66,2680-160,9694-2-29-						0-403997-08/12/76- 9-			16-16.4-	-S-	10.0-		42-		-3-6-5-6-	-3-1-	-4-3-2-2-	-1-	-	-	-	-								0.09
02-66,2666-160,8500-2-27-						0-403998-08/12/76-10-			16-15.4-	-	7.6-		95-		14-3-6-4-6-2-3-1-2-4-3-2-2-	-1-	-	-	-										0.37
02-66,2800-160,7333-2-27-						0-403999-08/12/76-10-			16-15.2-	-	7.9-		210-		14-3-6-4-6-2-3-1-2-4-3-2-2-	-1-	-	-	-										0.86
02-66,2416-160,7666-2-27-						0-404000-08/12/76-10-			16-14.9-	-	7.2-		118-		11-3-6-4-6-2-3-1-2-4-3-2-2-	-1-	-	-	-										1.59
02-66,7625-161,8083-2-29-						0-404428-08/14/76-18-			12-15.9-	-	7.9-		265-		-2-7-4-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-								0.35
02-66,7550-161,7800-2-29-						0-404429-08/14/76-18-			12-16.2-	-	8.0-		225-		-2-7-4-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-								0.01
02-66,7905-161,8216-2-29-						0-404430-08/14/76-18-			12-16.0-	-S-	7.8-		392-		-2-7-5-6-	-3-1-	-4-3-2-3-	-1-	-	-	-	-								0.02
02-66,7933-161,7700-2-29-						0-404431-08/14/76-18-			12-16.3-	-S-	8.5-		227-		-2-7-5-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-								0.50
02-66,7966-161,8333-2-29-						0-404432-08/14/76-18-			12-15.7-	-S-	9.1-		268-		-2-7-4-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-								0.27
02-66,7650-161,8400-2-29-						0-404433-08/14/76-18-			12-15.8-	-S-	9.0-		250-		-2-7-4-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-								0.35
02-66,7966-161,9000-2-29-						0-404434-08/14/76-18-			12-16.4-	-S-	9.3-		137-		-2-7-4-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-								2.33
02-66,7600-161,8166-2-29-						0-404435-08/14/76-18-			12-16.4-	-S-	9.0-		150-		-2-7-4-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-								0.25
02-66,8100-161,4233-2-29-						0-404436-08/14/76-18-			12-15.8-	-S-	9.1-		149-		-2-7-4-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-								0.19
02-66,7594-161,4233-2-29-						0-404437-08/14/76-18-			12-16.0-	-S-	9.0-		150-		-2-7-4-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-								0.08
02-66,7572-161,3200-2-29-						0-404438-08/14/76-18-			12-16.5-	-S-	9.1-		66-		-2-7-4-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-								0.40
02-66,7933-161,2900-2-29-						0-404439-08/14/76-18-			12-16.9-	-S-	8.4-		116-		-2-7-4-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-								0.19
02-66,7872-161,2066-2-29-						0-404440-08/14/76-18-			12-16.5-	-	8.2-		110-		-2-7-4-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-								0.11

APPENDIX B-1 (continued). Field Data and Uranium Concentrations for Water Samples Analyzed by Fluorometry

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																										U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DATE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho/cm)	SCINTILLOMETER (e.u. ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY UNITS IN ppb
02-	66.7544-	161.1733-	2-29-			0-404441-	08/14/76-	18-	12-16.2-	-S-			8.4-	76-		-2-7-4-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-									0.04
02-	66.7700-	161.0500-	2-29-			0-404442-	08/14/76-	18-	12-16.5-	-S-			8.2-	80-		-2-7-4-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-									1.35
02-	66.7913-	161.0500-	2-29-			0-404443-	08/14/76-	18-	12-16.4-	-S-			8.3-	105-		-2-7-4-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-									0.03
02-	66.7555-	161.0000-	2-29-			0-404444-	08/14/76-	18-	12-15.8-	-	-		7.9-	226-		-2-7-4-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-									0.21
02-	66.8016-	160.9500-	2-29-			0-404445-	08/14/76-	18-	12-16.0-	-S-			8.5-	66-		-2-7-4-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-									0.02
02-	66.8133-	160.8833-	2-29-			0-404446-	08/14/76-	18-	12-16.0-	-S-			8.2-	69-		-2-7-4-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-									0.08
02-	66.7733-	160.8433-	2-29-			0-404447-	08/14/76-	18-	12-16.7-	-S-			8.4-	20-		-2-7-5-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-									0.06
02-	66.7200-	160.8366-	2-29-			0-404448-	08/14/76-	19-	12-15.9-	-S-			8.1-	14-		-2-7-4-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-									1.53
02-	66.7033-	160.7633-	2-29-			0-404449-	08/14/76-	19-	12-16.2-	-S-			7.6-	30-		-2-7-5-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-									0.45
02-	66.7466-	160.7233-	2-29-			0-404450-	08/14/76-	19-	12-16.0-	-S-			7.8-	46-		-2-7-4-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-									0.40
02-	66.7077-	160.6750-	2-27-			0-404451-	08/14/76-	18-	12-14.3-	-	-		7.8-	122-		-2-7-4-6-	2-3-1-	2-4-3-1-4-	-1-	-	-	-	-									0.18
02-	66.7522-	160.6433-	2-27-			0-404452-	08/14/76-	19-	12-14.2-	-	-		7.4-	180-		-2-7-4-6-	2-3-1-	2-4-3-1-4-	-1-	-	-	-	-									0.04
02-	66.7500-	160.6708-	2-27-			0-404453-	08/14/76-	19-	12-14.0-	-	-		7.2-	136-		-2-7-4-6-	2-3-1-	2-4-3-1-4-	-1-	-	-	-	-									0.09
02-	66.7066-	160.6566-	2-27-			0-404454-	08/14/76-	19-	12-13.6-	-	-		7.1-	112-		-2-7-4-6-	2-3-1-	2-4-3-1-4-	-1-	-	-	-	-									0.17
02-	66.7533-	160.4566-	2-27-			0-404455-	08/14/76-	19-	12-13.6-	-	-		7.4-	110-		-2-7-4-6-	2-3-1-	2-4-3-1-4-	-1-	-	-	-	-									0.31
02-	66.7166-	160.4500-	2-27-			0-404456-	08/14/76-	19-	12-13.8-	-	-		7.4-	120-		-2-7-4-6-	2-3-1-	2-4-3-1-4-	-1-	-	-	-	-									0.79
02-	66.6783-	160.4433-	2-29-			0-404457-	08/14/76-	19-	12-15.4-	-S-			8.0-	14-		-2-7-4-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-									0.01
02-	66.6472-	160.4833-	2-29-			0-404458-	08/14/76-	19-	12-15.8-	-S-			7.6-	19-		-2-7-5-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-									0.16
02-	66.6283-	160.5233-	2-29-			0-404459-	08/14/76-	19-	12-15.9-	-S-			7.1-	170-		-2-7-4-6-	-3-1-	-3-3-1-4-	-1-	-	-	-	-									0.07
02-	66.6000-	160.5166-	2-29-			0-404460-	08/14/76-	19-	12-16.2-	-S-			7.6-	33-		-2-7-5-6-	-3-1-	-3-3-1-4-	-1-	-	-	-	-									0.06
02-	66.5916-	160.6133-	2-27-			0-404461-	08/14/76-	19-	12-10.2-	-	-		7.8-	140-		-2-7-4-6-	2-3-1-	2-3-3-1-4-	-1-	-	-	-	-									0.03
02-	66.6266-	160.6300-	2-27-			0-404462-	08/14/76-	19-	12-11.8-	-	-		8.0-	95-		-2-7-4-6-	2-3-1-	2-3-3-1-4-	-1-	-	-	-	-									0.05
02-	66.6700-	160.5633-	2-27-			0-404463-	08/14/76-	19-	12-11.2-	-	-		7.6-	100-		-2-7-4-6-	2-3-1-	2-4-3-1-4-	-1-	-	-	-	-									0.02
02-	66.6666-	160.6050-	2-27-			0-404464-	08/14/76-	20-	12-13.6-	-	-		7.8-	22-		-2-7-4-6-	2-3-1-	2-4-3-1-4-	-1-	-	-	-	-									0.16
02-	66.6572-	160.7266-	2-29-			0-404465-	08/14/76-	20-	12-14.8-	-S-			7.6-	48-		-2-7-5-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-									0.15
02-	66.6750-	160.8266-	2-29-			0-404466-	08/14/76-	20-	12-15.6-	-S-			8.2-	95-		-2-7-5-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-									0.01
02-	66.7000-	160.9333-	2-29-			0-404467-	08/14/76-	20-	12-15.8-	-S-			7.6-	2-		-2-7-6-6-	-3-2-	-4-3-1-4-	-1-	-	-	-	-									0.03
02-	66.6666-	160.9833-	2-29-			0-404468-	08/14/76-	20-	12-15.6-	-S-			8.2-	190-		-2-7-6-6-	-3-1-	-3-3-1-3-	-1-	-	-	-	-									0.11
02-	66.6800-	161.1033-	2-29-			0-404469-	08/14/76-	20-	12-15.6-	-S-			7.8-	20-		-2-7-5-6-	-3-1-	-3-3-1-4-	-1-	-	-	-	-									0.61
02-	66.7116-	161.0833-	2-29-			0-404470-	08/14/76-	20-	12-15.2-	-S-			7.6-	35-		-2-7-5-6-	-3-2-	-3-3-1-4-	-1-	-	-	-	-									0.15
02-	66.7033-	161.1666-	2-29-			0-404471-	08/14/76-	20-	12-15.4-	-	-		8.0-	118-		-2-7-	-	-	-3-1-	-3-3-1-4-	-1-	-	-	-	-									0.06
02-	66.6800-	161.1966-	2-29-			0-404472-	08/14/76-	20-	12-15.6-	-S-			7.9-	276-		-2-7-5-6-	-3-2-	-3-3-1-3-	-1-	-	-	-	-									0.04
02-	66.6233-	161.2133-	2-29-			0-404473-	08/14/76-	20-	12-16.4-	-S-			8.0-	15-		-2-7-5-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-									0.19
02-	66.6402-	161.2972-	2-29-			0-404474-	08/14/76-	20-	12-14.6-	-S-			8.0-	55-		-2-7-5-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-									1.08
02-	66.6694-	161.2833-	2-29-			0-404475-	08/14/76-	20-	12-15.0-	-S-			7.6-	60-		-2-7-6-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-									0.86
02-	66.5833-	161.3216-	2-29-			0-404476-	08/14/76-	20-	12-16.7-	-S-			7.9-	32-		-2-7-5-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-									0.06
02-	66.5433-	161.2866-	2-29-			0-404477-	08/14/76-	19-	12-15.4-	-S-			7.8-	125-		-2-7-5-6-	-3-1-	-4-3-1-4-	-1-	-	-	-	-									0.10
02-	66.5583-	161.4333-	2-27-			0-404478-	08/14/76-	20-	12-15.6-	-	-		7.6-	212-		-2-7-5-6-	2-3-1-	2-3-3-1-4-	-1-	-	-	-	-									2.83
02-	66.5805-	161.3841-	2-27-			0-404479-	08/14/76-	20-	12-15.0-	-	-		7.2-	185-		-2-7-5-6-	2-3-1-	2-3-3-1-4-	-1-	-	-	-	-									1.00
02-	66.6200-	161.3866-	2-29-			0-404480-	08/14/76-	20-	12-16.0-	-S-			7.6-	120-		-2-7-5-6-	-3-1-	-3-3-1-4-	-1-	-	-	-	-									0.26
02-	66.6888-	161.4500-	2-29-			0-404481-	08/14/76-	20-	12-15.6-	-S-			7.1-	136-		-2-7-6-6-	-3-1-	-3-3-1-3-	-1-	-	-	-	-									0.14
02-	66.7100-	161.4100-	2-29-			0-404482-	08/14/76-	20-	12-15.6-	-S-			7.2-	140-		-2-7-6-6-	-3-1-	-3-3-1-3-	-1-	-	-	-	-									0.18
02-	66.7283-	161.4100-	2-29-			0-404483-	08/14/76-	20-	12-15.4-	-S-			7.1-	130-		-2-7-6-6-	-3-1-	-3-3-1-3-	-1-	-	-	-	-									0.11
02-	66.7166-	161.5300-	2-29-			0-404484-	08/14/76-	20-	12-16.0-	-S-			7.9-	140-		-2-7-	-	-	-3-1-	-3-3-1-3-	-1-	-	-	-	-									0.64
02-	66.7133-	161.6333-	2-29-			0-404485-	08/14/76-	20-	12-15.4-	-S-			7.9-	219-		-2-7-5-6-	-3-1-	-3-3-1-4-	-1-	-	-	-	-									0.05
02-	66.7244-	161.7633-	2-27-			0-404486-	08/14/76-	21-	12-13.6-	-	-		7.8-	220-		-2-7-5-6-	2-3-1-	2-3-3-1-4-	-1-	-	-	-	-									0.34
02-	66.7208-	161.8250-	2-27-			0-404487-	08/15/76-	8-	12-13.6-	C-	-		-	-		-2-7-4-6-	2-3-1-	2-3-3-1-4-	-1-	-	-	-	-									0.18
02-	66.9650-	160.4700-	2-29-			0-404505-	08/15/76-	10-	13-15.7-	-S-			9.1-	28-		-2-6-4-6-	-3-1-	-1-3-2-3-	-1-	-	-	-	-									0.17
02-	66.9633-	160.3166-	2-29-			0-404506-	08/15/76-	10-	13-15.5-	-S-			8.2-	45-		-2-6-4-6-	-3-1-	-1-3-2-3-	-1-	-	-	-	-									0.11
02-	66.9333-	160.3700-	2-29-			0-404507-	08/15/76-	10-	13-15.5-	-S-			8.3-	24-		-2-6-5-6-	-3-1-	-1-3-3-3-	-1-	-	-	-	-									0.40
02-	66.9400-	160.4625-	2-29-			0-404508-	08/15/76-	10-	13-17.8-	-S-			8.1-	61-		-2-6-	-	-	-3-1-	-1-3-3-3-	-1-	-	-	-	-									0.19

APPENDIX B-1 (continued). Field Data and Uranium Concentrations for Water Samples Analyzed by Fluorometry

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY — UNITS IN ppb
02	66.8902	160.3791	2	29	0	404509	08/15/76	10	13	15.5		S	8.2	47		2	6			3	1		1	3	3	3	1					0.01
02	66.9000	160.4633	2	29	0	404510	08/15/76	10	13	15.6		S	8.5	58		2	6			3	1		3	3	2	3	1					0.01
02	66.8838	160.5900	2	29	0	404511	08/15/76	10	13	15.5		S	8.4	38		2	6	4	6	3	1		1	3	3	3	1					0.01
02	66.8888	160.6833	2	29	0	404512	08/15/76	10	13	15.5		S	7.8	68		2	6	4	6	3	1		1	3	2	3	1					0.47
02	66.9027	160.7805	2	29	0	404513	08/15/76	11	13	15.3		S	8.3	14		2	6	4	6	3	1		1	3	2	3	1					0.18
02	66.8861	160.8750	2	29	0	404514	08/15/76	11	13	15.4		S	7.7	56		2	6	4	6	3	1		1	3	2	3	1					0.06
02	66.8983	161.0133	2	29	0	404515	08/15/76	11	13	15.4		S	8.7	68		2	6	5	6	3	1		1	3	2	3	1					0.66
02	66.8933	161.1266	2	29	0	404516	08/15/76	11	13	15.3		S	8.9	57		2	6	4	6	3	1		1	3	2	3	1					0.28
02	66.8750	161.2527	2	29	0	404517	08/15/76	11	13	15.2		S	8.4	109		2	6	4	6	3	1		1	3	2	3	1					0.53
02	66.8933	161.3233	2	29	0	404518	08/15/76	11	13	14.6		S	8.7	36		2	6	4	6	3	1		1	3	2	3	1					0.85
02	66.8866	161.4666	2	29	0	404519	08/15/76	11	13	14.6		S	8.4	15		2	6	4	6	3	1		1	3	2	3	1					0.34
02	66.8894	161.5800	2	29	0	404520	08/15/76	11	13	14.6		S	7.7	93		2	6	6	6	3	1		1	2	2	3	1					0.85
02	66.8800	161.7666	2	29	0	404521	08/15/76	12	10	14.1		S	8.4	33		2	7	4	6	3	1		4	3	1	2	1					0.01
02	66.8566	161.7600	2	29	0	404522	08/15/76	13	10	14.0		S	7.0	968		2	7	4	6	3	1		4	3	2	2	1					0.03
02	66.8316	161.6800	2	29	0	404523	08/15/76	14	10	14.1		S	8.1	269		2	7	4	6	3	1		4	3	2	2	1					0.15
02	66.8377	161.6500	2	29	0	404524	08/15/76	15	10	14.8		S	8.3	118		2	7	4	6	3	1		4	3	2	2	1					0.42
02	66.8550	161.4374	2	29	0	404525	08/15/76	15	11	15.0		S	8.4	78		2	7	4	6	3	1		4	3	2	2	1					0.69
02	66.8538	161.3533	2	29	0	404526	08/15/76	13	10	14.0		S	8.1	69		2	7	4	6	3	1		4	3	2	2	1					0.20
02	66.8333	161.2166	2	29	0	404527	08/15/76	15	16	15.1		S	8.5	95		2	7	4	6	3	1		4	3	1	2	1					0.28
02	66.8405	161.1400	2	29	0	404528	08/15/76	15	13	16.2		S	8.9	59		2	7	4	6	3	1		4	3	2	2	1					0.16
02	66.8461	161.0500	2	29	0	404529	08/15/76	14	16	14.6		S	8.4	59		2	7	4	6	3	1		4	3	2	2	1					0.65
02	66.9202	161.6833	2	29	0	404551	08/16/76	10	13	14.9		S	9.3	114		2	7	6	8	2	1		4	1	1	3	1					0.03
02	66.8900	161.6566	2	29	0	404552	08/16/76	10	13	11.5		S	7.5	143		2	7	6	8	2	1		4	1	1	3	1					0.04
02	66.9200	161.5666	2	29	0	404553	08/16/76	10	13	13.7			9.7	198		2	7	6	3	2	1		4	1	1	3	1					0.20
02	66.9116	161.4766	2	29	0	404554	08/16/76	11	13	13.1		S	10.0	240		2	7	6	3	2	1		4	1	1	3	1					0.16
02	66.9300	161.3800	2	29	0	404555	08/16/76	11	13	13.9		S	9.8	42		2	7	6	8	2	1		4	1	1	3	1					0.01
02	66.9216	161.6483	2	29	0	404556	08/16/76	10	13	14.4		S	9.2	40		2	7	6	8	2	1		4	1	1	3	1					1.00
02	66.9250	161.1333	2	29	0	404557	08/16/76	16	13	14.9		S	8.9	81		2	7	6		2	1		4	1	1	3	1					0.93
02	66.9200	160.9200	2	29	0	404559	08/16/76	11	13	14.2		S	8.4	102		2	7	6	8	2	1		4	1	1	2	1					0.60
02	66.9266	160.8083	2	29	0	404560	08/16/76	11	14	12.3		S	8.4	2		2	7	6	8	2	1		4	1	1	2	1					0.58
02	66.9300	160.7200	2	29	0	404561	08/16/76	11	13	14.5		S	8.7	89		2	7	6	8	2	1		4	1	1	3	1					1.53
02	66.9627	160.6444	2	29	0	404562	08/16/76	11	14	9.5		S	8.5	394		2	7	6	8	2	1		4	1	1	3	1					1.03
02	66.9272	160.5900	2	29	0	404563	08/16/76	11	14	13.9		S	9.6	59		2	7	6	8	2	1		4	1	1	3	1					0.06
02	66.9638	160.5108	2	29	0	404564	08/16/76	11	14	13.8		S	8.9	8		2	7	6	8	2	1		4	1	1	3	1					0.01
02	66.9750	160.4650	2	29	0	404565	08/16/76	11	14	11.2		S	7.4	137		2	7	6	3	2	1		4	1	1	3	1					0.01
02	66.9261	160.4733	2	29	0	404566	08/16/76	11	14	10.4		S	7.4	182		2	7	6	8	2	1		4	1	1	3	1					0.25
02	66.9033	160.4366	2	27	0	404567	08/ 6/76	11	14	10.2	C					0	2	7	6	8	1	2	1	4	4	1	1	3	1				0.53
02	66.9661	160.1033	2	29	0	404568	08/16/76	11	14	13.8	C	S				2	7	6	8	2	1		4	1	1	3	1					0.25
02	66.9319	160.1000	2	27	0	404569	08/16/76	11	14	12.4	C					26	2	7	6	8	1	2	1	4	4	1	1	3	1				0.17
02	66.9400	160.0500	2	27	0	404570	08/16/76	11	14	16.2	C					23	2	7	4	8	1	2	1	1	5	1	2	2	1				0.08
02	66.9636	160.0533	2	27	0	404571	08/16/76	11	14	12.8	C					13	2	7	4	8	1	2	1	1	5	1	2	3	1				0.25
02	66.9494	159.9222	2	27	0	404572	08/16/76	11	13	11.7	C					13	2	7	4	8	1	2	1	1	3	1	2	2	1				0.84
02	66.9766	159.9166	2	27	0	404573	08/16/76	12	13	13.9	C					6	2	7	4	8	1	2	1	1	5	1	2	2	1				1.32
02	66.9850	159.7633	2	29	0	404574	08/16/76	12	13	14.5		S	8.7	119		2	7	4	8	2	1		5	1	2	2	1					0.21
02	66.9861	159.6583	2	29	0	404575	08/16/76	12	13	14.3		S	8.9	112		2	7	4	3	2	1		5	1	2	2	1					0.05
02	66.9633	159.6300	2	27	0	404576	08/16/76	12	13	12.9	C					0	2	7	4	6	1	2	1	1	5	1	2	2	1				0.16
02	66.9816	159.4566	2	27	0	404577	08/16/76	12	13	12.7	C					6	2	7	4	8	1	2	1	1	5	1	2	2	1				0.06
02	66.9833	159.3866	2	27	0	404578	08/16/76	12	13	11.8	C					6	2	7	4	8	1	2	1	1	5	1	2	2	1				0.08
02	66.9450	159.3833	2	27	0	404579	08/16/76	12	13	11.2	C					9	2	7	4	8	1	2	1	1	3	1	2	2	1				0.51
02	66.9736	159.2200	2	27	0	404580	08/16/76	12	13	10.9	C					33	2	7	4	8	1	2	1	1	5	1	2	2	1				0.51
02	66.9816	159.1533	2	27	0	404581	08/16/76	13	14	11.3	C					6	2	7	4	8	1	2	1	1	5	1	2	2	1				0.46

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples Analyzed by Fluorometry

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (μmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY UNITS IN ppb
02	66.9450	159.6094	2	27	0	404582	08/16/76	13	14	10.8	C	-	-	-	-	13	2	7	4	8	1	2	1	1	5	1	2	2	-1	-	-	-	-	0.66
02	66.9533	159.1160	2	27	0	404583	08/16/76	13	13	11.3	C	-	-	-	-	6	2	7	4	6	1	2	1	1	5	1	2	2	-1	-	-	-	-	0.43
02	66.9450	159.0400	2	27	0	404584	08/16/76	13	13	11.2	C	-	-	-	-	-	2	7	4	6	1	2	1	1	5	1	2	2	-1	-	-	-	-	0.93
02	66.9833	159.0466	2	27	0	404585	08/16/76	13	13	11.6	C	-	-	-	-	3	2	7	4	8	1	2	1	1	5	1	2	2	-1	-	-	-	-	0.43
02	66.9500	158.9466	2	27	0	404586	08/16/76	13	13	10.7	C	-	-	-	-	9	2	7	4	8	1	2	1	2	4	3	2	2	-1	-	-	-	-	0.40
02	66.9391	158.9021	2	27	0	404587	08/16/76	13	13	11.6	C	-	-	-	-	13	2	7	4	8	1	2	1	1	5	1	2	2	-1	-	-	-	-	0.63
02	66.9875	158.8250	2	27	0	404588	08/16/76	13	13	10.9	C	-	-	-	-	16	2	7	4	8	1	2	1	1	5	1	2	2	-1	-	-	-	-	0.17
02	66.9844	158.7233	2	27	0	404589	08/16/76	13	14	11.6	C	-	-	-	-	26	2	7	4	8	1	2	1	1	5	1	2	2	-1	-	-	-	-	0.01
02	66.9372	158.7933	2	27	0	404590	08/16/76	13	14	11.3	C	-	-	-	-	56	2	7	4	8	1	2	1	1	5	1	2	2	-1	-	-	-	-	0.17
02	66.9216	158.8552	2	27	0	404591	08/16/76	13	14	10.7	C	-	-	-	-	19	2	8	4	8	1	2	1	1	5	1	2	2	-1	-	-	-	-	0.01
02	66.9491	158.9350	2	27	0	404592	08/16/76	13	13	14.0	C	-	-	-	-	13	2	7	4	8	1	2	1	1	5	1	2	2	-1	-	-	-	-	0.21
02	66.9200	158.4808	2	27	0	404593	08/16/76	13	14	11.2	C	-	-	-	-	19	2	7	4	8	1	2	1	1	5	1	2	2	-1	-	-	-	-	0.01
02	66.9616	158.4733	2	27	0	404594	08/16/76	13	13	11.5	C	-	-	-	-	6	2	7	4	8	1	2	1	1	5	1	2	2	-1	-	-	-	-	0.22
02	66.9566	158.3950	2	27	0	404595	08/16/76	14	13	12.1	C	-	-	-	-	9	2	7	4	8	1	2	1	1	5	1	2	2	-1	-	-	-	-	0.01
02	66.9466	158.3458	2	27	0	404596	08/16/76	14	13	10.8	C	-	-	-	-	19	2	7	4	8	1	2	1	1	5	1	2	2	-1	-	-	-	-	0.18
02	66.9200	158.2875	2	27	0	404597	08/16/76	14	13	10.2	C	-	-	-	-	13	2	7	4	3	1	2	1	1	5	1	2	2	-1	-	-	-	-	0.17
02	66.9666	161.4600	2	29	0	404622	08/17/76	11	16	11.5	-	S	8.6	205	-	2	6	4	8	-	3	1	-	4	3	2	2	-1	-	-	-	-	1.01
02	66.9766	161.3700	2	27	0	404623	08/17/76	11	16	12.0	-	-	6.8	110	-	2	6	-	-	3	3	1	2	4	3	2	2	-1	-	-	-	-	1.77
02	66.9816	161.2350	2	27	0	404624	08/17/76	11	16	12.2	-	-	7.0	112	-	2	6	-	-	3	3	1	2	4	3	2	2	-1	-	-	-	-	1.73
02	66.9650	161.1033	2	27	0	404625	08/17/76	11	16	14.0	-	-	6.6	135	-	2	6	5	6	2	3	1	2	1	2	3	2	-	-1	-	-	-	-	1.35
02	66.9730	160.9725	2	27	0	404626	08/17/76	11	16	9.0	-	-	6.4	320	-	2	7	3	6	2	3	1	2	1	2	3	2	-	-1	-	-	-	-	0.23
02	66.9658	160.8916	2	27	0	404627	08/17/76	11	16	8.0	-	-	6.8	325	-	2	7	5	6	2	3	1	2	1	2	3	2	2	-1	-	-	-	-	1.07
02	66.9627	160.8066	2	27	0	404628	08/17/76	11	16	7.5	-	-	6.6	320	-	7	6	-	-	3	3	1	2	1	3	2	2	2	-1	-	-	-	-	0.46
02	66.9308	162.4872	2	29	0	405055	08/21/76	9	11	14.7	-	S	9.4	123	-	2	7	4	6	-	3	1	-	4	3	1	1	-1	-	-	-	-	0.16
02	66.9238	162.3066	2	29	0	405056	08/21/76	9	12	14.8	-	S	9.4	46	-	2	7	4	6	-	3	1	-	4	3	1	1	-1	-	-	-	-	1.61
02	66.8936	162.3350	2	29	0	405057	08/21/76	9	12	14.7	-	S	8.8	145	-	2	7	4	6	-	-	-	-	4	3	1	1	-1	-	-	-	-	0.12
02	66.8500	162.3250	2	29	0	405058	08/21/76	9	12	14.6	-	S	8.8	124	-	2	7	4	6	-	3	1	-	4	3	1	1	-1	-	-	-	-	0.23
02	66.8366	162.2433	2	29	0	405059	08/21/76	9	12	14.8	-	S	9.0	55	-	2	7	-	-	-	3	1	-	4	3	1	1	-1	-	-	-	-	0.10
02	66.8063	162.1833	2	29	0	405060	08/21/76	10	12	14.9	-	S	8.8	44	-	2	7	4	6	-	3	1	-	4	3	1	1	-1	-	-	-	-	0.01
02	66.7950	162.2600	2	29	0	405061	08/21/76	10	12	14.8	-	S	8.6	48	-	2	7	4	6	-	3	1	-	4	3	1	1	-1	-	-	-	-	0.17
02	66.7583	162.0733	2	29	0	405062	08/21/76	10	12	14.6	-	S	8.6	29	-	2	7	4	6	-	3	1	-	4	3	1	1	-1	-	-	-	-	0.20
02	66.7536	162.1766	2	29	0	405063	08/21/76	10	13	14.4	-	S	8.4	82	-	2	7	4	6	-	3	1	-	4	3	1	1	-1	-	-	-	-	0.29
02	66.7472	162.2725	2	29	0	405064	08/21/76	10	12	15.0	-	S	8.7	54	-	2	7	4	6	-	3	1	-	4	3	1	1	-1	-	-	-	-	0.08
02	66.7230	162.3100	2	29	0	405065	08/21/76	10	12	13.9	-	S	7.6	6040	-	2	7	4	6	-	3	1	-	4	3	1	1	-1	-	-	-	-	1.75
02	66.7197	162.1933	2	29	0	405066	08/21/76	10	12	13.6	-	S	8.9	41	-	2	7	4	6	-	3	1	-	4	3	1	1	-1	-	-	-	-	0.15
02	66.7194	162.0833	2	29	0	405067	08/21/76	10	12	14.4	-	S	8.2	50	-	2	7	-	-	-	3	1	-	4	3	1	1	-1	-	-	-	-	0.08
02	66.6766	162.0660	2	29	0	405068	08/21/76	10	13	14.3	-	S	8.2	28	-	2	7	4	6	-	3	1	-	4	3	1	1	-1	-	-	-	-	0.23
02	66.6166	162.0500	2	29	0	405069	08/21/76	-	12	14.7	-	S	8.0	26	-	2	7	4	6	-	3	1	-	4	3	1	1	-1	-	-	-	-	0.02
02	66.5066	161.8516	2	29	0	405070	08/21/76	10	12	14.4	-	S	7.8	50	-	2	7	4	6	-	3	1	-	4	3	1	1	-1	-	-	-	-	0.30
02	66.4677	161.8391	2	29	0	405071	08/21/76	11	12	14.0	-	S	7.6	44	-	2	7	4	6	-	3	1	-	4	3	1	1	-1	-	-	-	-	0.08
02	66.4083	161.8300	2	29	0	405072	08/21/76	11	12	13.8	-	S	7.9	24	-	2	7	4	6	-	3	1	-	4	3	1	1	-1	-	-	-	-	0.33
02	66.3888	161.8083	2	29	0	405073	08/21/76	11	12	13.4	-	S	7.5	90	-	2	7	4	6	-	3	1	-	4	3	1	1	-1	-	-	-	-	6.12
02	66.4394	161.6466	2	29	0	405075	08/21/76	11	12	13.5	-	S	7.4	61	-	2	7	4	6	-	3	1	-	4	3	1	1	-1	-	-	-	-	4.74
02	66.4133	161.5883	2	29	0	405076	08/21/76	11	12	13.8	-	S	7.6	28	-	2	7	4	6	-	3	1	-	4	3	1	1	-1	-	-	-	-	0.01
02	66.4133	161.4716	2	29	0	405077	08/21/76	11	11	13.6	-	S	7.6	16	-	2	7	4	6	-	3	1	-	4	3	1	1	-1	-	-	-	-	0.05
02	66.4583	161.3416	2	29	0	405078	08/21/76	11	11	14.2	-	S	7.2	19	-	2	7	4	6	-	3	1	-	4	3	1	3	-1	-	-	-	-	0.12
02	66.4933	161.2444	2	29	0	405079	08/21/76	11	11	14.0	-	S	7.2	27	-	2	7	4	6	-	3	1	-	4	3	1	3	-1	-	-	-	-	0.06
02	66.4333	161.2800	2	29	0	405080	08/21/76	11	12	14.0	-	S	7.6	25	-	2	7	4	6	-	3	1	-	4	3	1	3	-1	-	-	-	-	0.51
02	66.4105	161.2750	2	29	0	405081	08/21/76	11	11	14.1	-	S	7.4	32	-	2	7	4	6	-	3	1	-	4	3	1	3	-1	-	-	-	-	0.02
02	66.3650	161.2725	2	29	0	405083	08/21/76	11	11	13.1	-	S	7.4	40	-	2	7	4	6	-	3	1	-	4	3	1	3	-1	-	-	-	-	3.79
02	66.3666	161.1650	2	29	0	405084	08/21/76	11	11	13.3	-	S	7.6	30	-	2	7	4	6	-	3	1	-	4	3	1	3	-1	-	-	-	-	0.40

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples Analyzed by Fluorometry

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (μmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY UNITS IN ppb
02-66.	4033-	161.1833-	2-29-			0-405085-	08/21/76-	11-	11-	13.7-	-S-		7.4-	23-		-2-	7-	4-	6-	-3-	1-	-4-	3-	1-	3-	-1-	-	-	-	-		0.08
02-66.	4033-	161.0610-	2-29-			0-405086-	08/21/76-	12-	11-	13.3-	-S-		7.4-	22-		-2-	7-	4-	6-	-3-	1-	-4-	3-	1-	3-	-1-	-	-	-	-		0.05
02-66.	3716-	161.0708-	2-29-			0-405087-	08/21/76-	12-	11-	13.4-	-S-		7.4-	19-		-2-	7-	4-	6-	-3-	1-	-4-	3-	1-	3-	-1-	-	-	-	-		1.53
02-66.	3361-	161.0741-	2-29-			0-405088-	08/21/76-	12-	11-	13.4-	-S-		7.1-	64-		-2-	7-	4-	6-	-3-	1-	-4-	3-	1-	3-	-1-	-	-	-	-		0.45
02-66.	3347-	160.9650-	2-29-			0-405089-	08/21/76-	12-	11-	13.8-	-S-		7.7-	22-		-2-	7-	4-	6-	-3-	1-	-4-	3-	1-	3-	-1-	-	-	-	-		0.79
02-66.	2083-	160.8025-	2-27-			0-405090-	08/21/76-	12-	11-	13.7-	-	-	7.6-	150-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	1-	3-	-1-	-	-	-	-		0.54
02-66.	1866-	160.7500-	2-27-			0-405091-	08/21/76-	12-	11-	13.1-	-	-	7.5-	110-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	1-	3-	-1-	-	-	-	-		0.12
02-66.	1600-	160.7041-	2-27-			0-405092-	08/21/76-	12-	11-	12.8-	-	-	7.1-	95-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	1-	3-	-1-	-	-	-	-		0.01
02-66.	1833-	160.8680-	2-27-			0-405093-	08/21/76-	12-	11-	13.6-	C-	-	6.8-	31-		-2-	7-	-	-	2-	3-	1-	2-	4-	3-	1-	3-	-1-	-	-	-	-		0.84
02-66.	1675-	160.9250-	2-27-			0-405094-	08/21/76-	12-	11-	13.5-	C-	-	5.4-	5000-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-		1.28
02-66.	2583-	161.4000-	2-29-			0-405095-	08/21/76-	12-	11-	13.4-	C-	S-	6.8-	-		-2-	7-	-	-	-	-	-	-	4-	3-	2-	3-	-1-	-	-	-	-		7.10
02-66.	2333-	161.4722-	2-27-			0-405096-	08/21/76-	13-	11-	12.8-	C-	-	6.5-	135-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-		0.04
02-66.	2055-	161.4416-	2-27-			0-405097-	08/21/76-	13-	11-	13.0-	C-	-	5.2-	154-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-		0.06
02-66.	1638-	161.5050-	2-27-			0-405098-	08/21/76-	13-	11-	12.8-	C-	-	5.8-	140-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-		0.10
02-66.	1805-	161.5333-	2-29-			0-405099-	08/21/76-	13-	11-	13.3-	-S-		9.5-	16-		-2-	7-	4-	6-	-3-	1-	-4-	3-	2-	3-	-1-	-	-	-	-		0.20
02-66.	1516-	161.5558-	2-29-			0-405100-	08/21/76-	13-	11-	12.9-	-S-		8.4-	43-		-2-	7-	4-	6-	-3-	1-	-4-	3-	2-	3-	-1-	-	-	-	-		0.09
02-66.	1000-	161.6883-	2-27-			0-405101-	08/21/76-	13-	11-	12.8-	C-	-	7.1-	-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-		4.42
02-66.	0680-	161.7361-	2-27-			0-405102-	08/21/76-	14-	11-	13.9-	C-	S-	7.8-	4652-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-		3.59
02-66.	0069-	161.9583-	2-27-			0-405103-	08/21/76-	14-	11-	14.2-	C-	-	7.5-	4957-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	1-	3-	-1-	-	-	-	-		7.74
02-66.	0133-	161.9000-	2-29-			0-405104-	08/21/76-	14-	11-	13.9-	-S-		9.1-	408-		-2-	7-	4-	6-	-3-	1-	-4-	3-	1-	3-	-1-	-	-	-	-		0.04
02-66.	0300-	161.7666-	2-29-			0-405105-	08/21/76-	14-	11-	13.8-	-S-		8.7-	45-		-2-	7-	4-	6-	-3-	1-	-4-	3-	1-	3-	-1-	-	-	-	-		0.26
02-66.	0261-	161.6858-	2-29-			0-405106-	08/21/76-	14-	11-	14.1-	-S-		7.7-	233-		-2-	7-	4-	6-	-3-	1-	-4-	3-	1-	3-	-1-	-	-	-	-		0.21
02-66.	0080-	161.5650-	2-29-			0-405107-	08/21/76-	14-	11-	13.7-	-S-		7.7-	980-		-2-	7-	4-	6-	-3-	1-	-4-	3-	1-	3-	-1-	-	-	-	-		0.65
02-66.	0483-	161.6166-	2-27-			0-405108-	08/21/76-	15-	11-	13.5-	C-	-	6.4-	72-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	1-	3-	-1-	-	-	-	-		0.04
02-66.	0722-	161.5583-	2-27-			0-405109-	08/21/76-	15-	11-	14.2-	C-	-	6.7-	58-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	1-	3-	-1-	-	-	-	-		0.15
02-66.	1061-	161.4750-	2-27-			0-405111-	08/21/76-	15-	11-	11.9-	C-	-	6.8-	66-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-		0.04
02-66.	0900-	161.3316-	2-27-			0-405112-	08/21/76-	15-	11-	11.8-	C-	-	6.9-	73-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-		0.09
02-66.	1638-	161.3966-	2-27-			0-405113-	08/21/76-	15-	11-	12.2-	C-	-	7.6-	52-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-		0.36
02-66.	1011-	160.9300-	2-27-			0-405114-	08/21/76-	15-	11-	13.1-	C-	-	7.3-	38-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-		0.90
02-66.	1033-	160.8266-	2-27-			0-405115-	08/21/76-	15-	11-	12.7-	C-	-	7.5-	54-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	-2-	-	-	-	-		0.04
02-66.	0516-	160.8208-	2-27-			0-405116-	08/21/76-	15-	11-	12.6-	C-	-	6.6-	40-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-		0.54
02-66.	1250-	160.7400-	2-27-			0-405117-	08/21/76-	15-	11-	13.1-	C-	-	7.1-	38-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-		0.05
02-66.	0500-	160.7266-	2-27-			0-405118-	08/21/76-	15-	11-	12.9-	C-	-	6.9-	51-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-		0.49
02-66.	0138-	160.7833-	2-27-			0-405119-	08/21/76-	15-	11-	12.7-	C-	-	7.2-	82-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-		0.32
02-66.	0152-	160.7486-	2-27-			0-405120-	08/21/76-	15-	11-	13.4-	-	-	4.9-	32-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-		0.31
02-66.	0150-	160.6361-	2-27-			0-405121-	08/21/76-	15-	11-	12.7-	-	-	9.7-	32-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-		1.20
02-66.	0633-	160.5800-	2-27-			0-405122-	08/21/76-	15-	11-	13.0-	-	-	9.2-	47-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-		1.34
02-66.	0966-	160.5616-	2-27-			0-405123-	08/21/76-	16-	11-	11.8-	-	-	6.2-	32-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-		0.15
02-66.	0800-	160.5205-	2-27-			0-405124-	08/21/76-	16-	11-	11.9-	-	-	7.1-	48-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-		0.49
02-66.	1627-	160.6613-	2-27-			0-405125-	08/21/76-	16-	11-	12.3-	-	-	11.4-	87-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-		1.99
02-66.	1908-	160.6200-	2-27-			0-405126-	08/21/76-	16-	11-	12.6-	-	-	8.1-	65-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-		1.51
02-66.	2366-	160.6066-	2-27-			0-405127-	08/21/76-	16-	11-	12.7-	-	-	8.3-	44-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-		0.25
02-66.	2872-	160.5966-	2-29-			0-405128-	08/21/76-	16-	10-	14.7-	-S-		7.4-	28-		-2-	7-	4-	6-	-3-	1-	-4-	3-	2-	3-	-1-	-	-	-	-		0.32
02-66.	3333-	160.6033-	2-29-			0-405129-	08/21/76-	16-	11-	14.0-	-S-		7.2-	27-		-2-	7-	4-	6-	-	-3-	1-	-4-	3-	2-	3-	-1-	-	-	-	-		1.55
02-66.	3355-	160.7333-	2-27-			0-405130-	08/21/76-	16-	11-	11.9-	-	-	11.6-	37-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-		0.04
02-66.	3316-	160.8388-	2-27-			0-405132-	08/21/76-	16-	10-	11.9-	-	-	7.1-	72-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	-1-	-	-	-	-		1.17
02-66.	3766-	160.9222-	2-29-			0-405133-	08/21/76-	16-	10-	13.6-	-S-		7.5-	12-		-2-	7-	4-	6-	-3-	1-	-4-	3-	2-	3-	-1-	-	-	-	-		0.07
02-66.	4016-	160.9333-	2-29-			0-405134-	08/20/76-	16-	10-	14.6-	-S-		7.0-	21-		-2-	7-	4-	6-	-3-	1-	-4-	3-	1-	3-	-1-	-	-	-	-		1.69
02-66.	4577-	161.0583-	2-29-			0-405135-	08/21/76-	16-	11-	13.7-	-S-		7.1-	50-		-2-	7-	4-	6-	-3-	1-	-4-	3-	1-	3-	-1-	-	-	-	-		2.66
02-66.	4933-	161.1650-	2-27-			0-405136-	08/21/76-	17-	10-	12.9-	-	-	7.3-	92-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	1-	3-	-1-	-	-	-	-		0.07
02-66.	4461-	161.1383-	2-27-			0-405137-	08/21/76-	17-	10-	12.1-	-	-	7.7-	83-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	1-	3-	-1-	-	-	-	-		0.41

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples Analyzed by Fluorometry

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (μmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY (UNITS IN ppb)
02	66.5516	161.4833	2	2	9	0405138	08/21/76	17	10	14.4		S	6.7	591		2	7	4	6		3	1		4	3	1	3		1					0.26
02	66.5861	161.5269	2	2	9	0405139	08/21/76	17	10	14.7		S	7.7	62		2	7	4	6		3	1		4	3	1	3		1					0.85
02	66.6361	161.5383	2	2	9	0405140	08/21/76	17	10	14.5		S	7.5	69		2	7	4	6		3	1		4	3	1	3		1					0.01
02	66.6705	161.5333	2	2	9	0405141	08/21/76	17	10	14.9		S	8.2	112		2	7	4	6		3	1		4	3	1	3		1					0.32
02	66.6708	161.6333	2	2	9	0405142	08/21/76	17	10	15.0		S	8.7	160		2	7	4	6		3	1		4	3	1	3		1					0.18
02	66.6388	161.6250	2	2	9	0405143	08/21/76	17	10	14.7			8.6	67		2	7	4	6		3	1		4	3	1	3		1					0.36
02	66.6708	161.7486	2	2	9	0405144	08/21/76	17	10	14.9		S	8.5	59		2	7	4	6		3	1		4	3	1	3		1					0.03
02	66.7416	162.3891	2	2	9	0405145	08/21/76	17	11	14.8		S	8.0	60		2	7	4	6		3	1		4	3	1	3		1					0.04
02	66.7408	162.4800	2	2	9	0405146	08/21/76	17	10	15.0	C	S	7.7			2	7	4	6		3	1		4	3	1	3		1					2.86
02	66.7811	162.4933	2	2	9	0405147	08/21/76	18	10	14.9		S	8.7	74		2	7	4	6		3	1		4	3	1	3		1					0.18
02	66.8133	162.3933	2	2	9	0405148	08/21/76	18	10	15.2		S	8.3	69		2	7	4	6		3	1		4	3	1	3		1					0.18
02	66.8472	162.5225	2	2	9	0405149	08/21/76	18	10	15.0		S	8.3	50		2	7	4	6		3	1		4	3	1	3		1					0.84
02	66.8472	162.4300	2	2	9	0405150	08/21/76	18	10	15.2		S	8.2	39		2	7	4	6		3	1		4	3	1	3		1					0.13
02	66.8677	162.4300	2	2	9	0405151	08/21/76	18	10	15.2		S	7.9	58		2	7	4	6		3	1		4	3	1	3		1					0.17
02	66.8866	162.5233	2	2	9	0405152	08/21/76	18	10	15.4		S	7.9	58		2	7	4	6		3	1		4	3	1	3		1					0.10
02	66.5833	159.5333	2	2	7	0405153	08/22/76	9	11	15.4	C	S	8.6	37		2	7	5	8	2	3	1	1	4	4	2	3		1					0.28
02	66.5466	159.4783	2	2	7	0405154	08/22/76	9	11	15.0	C	S	8.2	46		2	7	5	8	2	3	1	1	4	4	2	3		1					0.03
02	66.5402	159.5527	2	2	9	0405155	08/22/76	9	11	14.3		S	8.2	29		2	7	6	8		3	1		4	4	2	3		1					0.15
02	66.5733	159.4633	2	2	9	0405156	08/22/76	9	11	14.5		S	8.1	32		2	7	5	8		3	1		4	3	2	3		1					0.55
02	66.5855	159.4388	2	2	9	0405157	08/22/76	9	11	14.3		S	8.0	42		2	7	5	8		3	1		4	4	2	3		1					0.07
02	66.6133	159.4375	2	2	9	0405158	08/22/76	9	11	14.6		S	7.8	17		2	7				3	1		4	3	2	3		1					0.22
02	66.6194	159.5361	2	2	9	0405159	08/22/76	9	11	14.6		S	6.7	13		2	7	5	8		3	1		4	3	2	3		1					0.42
02	66.6333	159.5269	2	2	9	0405160	08/22/76	9	11	14.5		S	6.8	22		2	7	6	8		3	1		4	3	2	3		1					0.05
02	66.6233	159.3666	2	2	9	0405161	08/22/76	9	11	14.6		S	7.0	13		2	7	5	8		3	1		4	3	2	3		1					0.12
02	66.6433	159.3169	2	2	9	0405162	08/22/76	9	11	14.5		S	7.1	17		2	7	5	8		3	1		4	4	2	3		1					0.08
02	66.5933	159.3933	2	2	9	0405163	08/22/76	9	11	14.8		S	7.4	22		2	7	6	8		3	1		4	3	2	3		1					0.02
02	66.5733	159.3283	2	2	9	0405164	08/22/76	9	11	14.9		S	7.4	26		2	7	5	8		3	1		4	4	2	3		1					0.01
02	66.5500	159.3633	2	2	9	0405165	08/22/76	9	11	14.3		S	7.3	14		2	7	5	8		3	1		4	4	2	3		1					0.09
02	66.5366	159.3700	2	2	9	0405166	08/22/76	9	11	14.2		S	7.2	20		2	7	6	8		3	1		4	4	2	3		1					0.18
02	66.5350	159.4733	2	2	9	0405167	08/22/76	7	11	13.5		S	7.1	39		2	7	5	8		3	1		4	3	1	3		1					0.16
02	66.5538	159.4716	2	2	9	0405168	08/22/76	9	11	13.6		S	7.2	39		2	7	5	8		3	1		4	3	1	3		1					0.32
02	66.6050	159.4550	2	2	9	0405169	08/22/76	9	10	15.1		S	7.5	19		2	7	5	8		3	1		4	4	2	3		1					0.23
02	66.6177	159.4483	2	2	9	0405170	08/22/76	9	11	14.6		S	7.3	23		2	7	6	8		3	1		4	3	2	3		1					0.27
02	66.6466	159.1733	2	2	9	0405172	08/22/76	10	10	14.6		S	7.3	17		2	7	5	8		3	1		4	3	2	3		1					0.04
02	66.6272	159.1283	2	2	9	0405173	08/22/76	10	10	14.7		S	7.4	23		2	7	5	8		3	1		4	3	2	3		1					0.55
02	66.5833	159.1200	2	2	9	0405174	08/22/76	10	11	14.6		S	7.2	49		2	7	5	8		3	1		4	3	2	3		1					0.27
02	66.5266	159.1625	2	2	9	0405175	08/22/76	10	11	14.5		S	7.5	28		2	7	5	8		3	1		4	3	2	3		1					0.09
02	66.5600	159.1016	2	2	9	0405176	08/22/76	10	11	14.4		S	7.4	22		2	7	6	8		3	1		4	4	2	3		1					0.08
02	66.5133	159.1175	2	2	9	0405177	08/22/76	10	11	13.3		S	7.3	63		2	7	5	8		3	1		4	4	2	3		1					0.13
02	66.4900	159.1400	2	2	9	0405178	08/22/76	10	11	14.2		S	7.7	19		2	7	5	8		3	1		4	3	2	3		1					0.17
02	66.4500	159.1441	2	2	9	0405179	08/22/76	10	11	14.3		S	7.4	22		2	7	6	8		3	1		4	4	2	3		1					0.11
02	66.4700	159.1391	2	2	9	0405180	08/22/76	10	10	14.2		S	7.4	37		2	7	6	7		3	1		4	4	2	3		1					0.10
02	66.4200	159.1616	2	2	9	0405181	08/22/76	10	10	14.1		S	7.5	45		2	7	6	7		3	1		4	4	2	3		1					0.43
02	66.3650	159.1383	2	2	9	0405182	08/22/76	10	11	14.2		S	7.4	51		2	7	5	8		3	1		4	4	2	3		1					0.02
02	66.3866	159.1511	2	2	9	0405183	08/22/76	10	11	14.1		S	7.6	19		2	7	5	8		3	1		4	3	2	3		1					0.10
02	66.3666	159.2466	2	2	9	0405184	08/22/76	10	11	14.2		S	7.3	21		2	7	5	8		3	1		4	3	2	3		1					0.11
02	66.3700	159.2733	2	2	9	0405185	08/22/76	10	11	14.4		S	7.3	25		2	7	5	7		3	1		4	4	2	3		1					0.16
02	66.3777	159.3183	2	2	9	0405186	08/22/76	10	11	14.5		S	7.3	28		2	7	6	7		3	1		4	3	2	3		1					0.37
02	66.3766	159.3669	2	2	9	0405187	08/22/76	10	11	13.8		S	7.2	34		2	7	5	8		3	1		4	3	2	3		1					0.01
02	66.4000	159.2466	2	2	9	0405188	08/22/76	10	11	13.5		S	7.3	61		2	7	5	8		3	1		4	3	2	3		1					0.04
02	66.4150	159.2516	2	2	9	0405189	08/22/76	10	11	13.5		S	7.3	67		2	7	5	8		3	1		4	3	2	3		1					0.33

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples Analyzed by Fluorometry

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																							U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (μmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY (UNITS IN ppb)
02	66.4666	159.2458	2	2	9	0-405190	08/22/76	10	11	14.2	-	S	7.7	35	-	2	7	5	7	3	1	-	4	4	2	3	-	1	-	-	-	-	0.18
02	66.4694	159.2041	2	2	9	0-405191	08/22/76	11	11	14.3	-	S	7.6	44	-	2	7	5	8	3	1	-	4	4	2	3	-	1	-	-	-	-	0.76
02	66.4666	159.3566	2	2	9	0-405192	08/22/76	11	11	13.2	-	S	7.6	47	-	2	7	5	7	3	1	-	4	3	2	3	-	1	-	-	-	-	0.39
02	66.4916	159.2716	2	2	9	0-405193	08/22/76	11	11	14.6	-	S	8.8	51	-	2	7	5	7	3	1	-	4	4	2	3	-	1	-	-	-	-	0.17
02	66.5116	159.2858	2	2	9	0-405194	08/22/76	11	11	14.5	-	S	8.9	60	-	2	7	5	8	3	1	-	4	4	2	3	-	1	-	-	-	-	0.09
02	66.5000	159.3333	2	2	9	0-405195	08/22/76	11	11	14.1	-	S	9.0	31	-	2	7	6	8	3	1	-	4	4	2	3	-	1	-	-	-	-	0.04
02	66.4933	159.4150	2	2	9	0-405196	08/22/76	11	11	14.1	-	S	8.6	23	-	2	7	5	7	3	1	-	4	4	2	3	-	1	-	-	-	-	0.64
02	66.4902	159.5416	2	2	9	0-405197	08/22/76	11	11	14.0	-	S	8.2	25	-	2	7	5	7	3	1	-	4	4	2	3	-	1	-	-	-	-	0.31
02	66.5611	159.8700	2	2	9	0-405199	08/22/76	13	12	14.5	-	S	8.2	13	-	2	7	5	8	3	1	-	4	4	2	3	-	1	-	-	-	-	0.02
02	66.5833	159.8858	2	2	9	0-405200	08/22/76	13	12	14.5	-	S	8.3	17	-	2	7	5	8	3	1	-	4	4	2	3	-	1	-	-	-	-	0.03
02	66.5500	159.8500	2	2	9	0-405201	08/22/76	13	12	14.5	-	S	7.6	52	-	2	7	6	7	3	1	-	4	4	2	3	-	1	-	-	-	-	0.99
02	66.5483	159.8666	2	2	9	0-405202	08/22/76	13	11	14.5	-	S	7.4	64	-	2	7	5	8	3	1	-	4	4	2	3	-	1	-	-	-	-	0.69
02	66.5483	159.7886	2	2	9	0-405203	08/22/76	13	11	13.7	-	S	7.8	39	-	2	7	5	7	3	1	-	4	4	2	3	-	1	-	-	-	-	0.86
02	66.5597	159.6583	2	2	9	0-405206	08/22/76	13	11	13.8	-	S	7.3	42	-	2	7	5	7	3	1	-	4	4	2	3	-	1	-	-	-	-	0.69
02	66.5266	159.6583	2	2	9	0-405205	08/22/76	13	12	14.2	-	S	7.7	35	-	2	7	5	8	3	1	-	4	4	2	3	-	1	-	-	-	-	0.29
02	66.4833	159.6433	2	2	9	0-405207	08/22/76	13	11	14.8	-	S	7.7	27	-	2	7	5	8	3	1	-	4	4	2	3	-	1	-	-	-	-	0.01
02	66.4583	159.6305	2	2	9	0-405208	08/22/76	13	11	14.8	-	S	7.6	16	-	2	7	6	7	3	1	-	4	4	2	3	-	1	-	-	-	-	0.26
02	66.4538	159.6266	2	2	9	0-405209	08/22/76	13	11	14.7	-	S	7.7	22	-	2	7	-	-	3	1	-	4	4	2	3	-	1	-	-	-	-	0.26
02	66.4600	159.5791	2	2	9	0-405210	08/22/76	13	12	14.2	-	S	7.4	32	-	2	7	6	8	3	1	-	4	4	2	3	-	1	-	-	-	-	0.26
02	66.4583	159.5566	2	2	9	0-405211	08/22/76	13	11	14.3	-	S	7.5	37	-	2	7	6	7	3	1	-	4	4	2	3	-	1	-	-	-	-	0.08
02	66.4700	159.4833	2	2	9	0-405212	08/22/76	13	12	12.8	-	S	7.4	55	-	2	7	5	7	3	1	-	4	4	2	3	-	1	-	-	-	-	0.07
02	66.4500	159.4710	2	2	9	0-405213	08/22/76	13	11	13.2	-	S	7.5	70	-	2	7	5	7	3	1	-	4	4	2	3	-	1	-	-	-	-	0.51
02	66.4283	159.3533	2	2	9	0-405214	08/22/76	14	12	14.2	-	S	7.4	24	-	2	7	5	7	3	1	-	4	4	2	3	-	1	-	-	-	-	0.01
02	66.4083	159.3050	2	2	9	0-405215	08/22/76	14	12	14.4	-	S	7.5	30	-	2	7	5	8	3	1	-	4	4	2	3	-	1	-	-	-	-	0.02
02	66.4183	159.4516	2	2	9	0-405216	08/22/76	14	12	14.6	-	S	7.3	136	-	2	7	6	8	3	1	-	4	4	2	3	-	1	-	-	-	-	0.23
02	66.4000	159.4116	2	2	9	0-405217	08/22/76	14	12	14.5	-	S	7.2	116	-	2	7	5	7	3	1	-	4	4	2	3	-	1	-	-	-	-	0.14
02	66.4305	159.5866	2	2	9	0-405218	08/22/76	14	14	14.8	-	S	8.1	40	-	2	7	5	7	3	1	-	4	4	2	3	-	1	-	-	-	-	0.03
02	66.4000	159.5783	2	2	9	0-405219	08/22/76	14	13	14.8	-	S	7.5	39	-	2	7	6	8	3	1	-	4	4	2	3	-	1	-	-	-	-	0.05
02	66.4222	159.6333	2	2	9	0-405220	08/22/76	14	12	13.7	-	S	7.7	96	-	2	7	6	7	3	1	-	4	4	2	3	-	1	-	-	-	-	0.25
02	66.4050	159.6408	2	2	9	0-405221	08/22/76	14	12	13.7	-	S	7.6	11	-	2	7	5	7	3	1	-	4	4	2	3	-	1	-	-	-	-	0.02
02	66.3772	159.6300	2	2	9	0-405222	08/22/76	14	12	14.1	-	S	8.1	28	-	2	7	6	7	3	1	-	4	4	2	3	-	1	-	-	-	-	0.05
02	66.3683	159.6908	2	2	9	0-405223	08/22/76	14	12	14.0	-	S	8.3	30	-	2	7	5	7	3	1	-	4	4	2	3	-	1	-	-	-	-	0.07
02	66.3777	159.7333	2	2	9	0-405224	08/22/76	14	11	13.6	-	S	7.8	19	-	2	7	5	7	3	1	-	4	4	2	3	-	1	-	-	-	-	0.40
02	66.4000	159.7444	2	2	9	0-405225	08/22/76	14	12	13.7	-	S	7.9	24	-	2	7	5	8	3	1	-	4	4	2	3	-	1	-	-	-	-	0.12
02	66.3816	159.8333	2	2	9	0-405226	08/22/76	14	12	14.3	-	S	7.8	22	-	2	7	5	8	3	1	-	4	4	2	3	-	1	-	-	-	-	0.02
02	66.3666	159.8500	2	2	9	0-405227	08/22/76	14	11	14.4	-	S	7.7	34	-	2	7	-	-	3	1	-	4	4	2	3	-	1	-	-	-	-	0.31
02	66.4000	159.8180	2	2	9	0-405228	08/22/76	14	12	14.3	-	S	7.6	18	-	2	7	5	7	3	1	-	4	4	2	3	-	1	-	-	-	-	0.02
02	66.3972	159.8541	2	2	9	0-405229	08/22/76	14	12	14.3	-	S	7.7	20	-	2	7	5	7	3	1	-	4	4	2	3	-	1	-	-	-	-	0.25
02	66.4277	160.0013	2	2	9	0-405230	08/22/76	14	13	14.5	-	S	7.4	31	-	2	7	6	6	3	1	-	4	4	2	3	-	1	-	-	-	-	0.53
02	66.3988	159.9708	2	2	9	0-405231	08/22/76	14	13	14.4	-	S	7.5	32	-	2	7	5	6	3	1	-	4	4	2	3	-	1	-	-	-	-	0.59
02	66.3766	159.9550	2	2	9	0-405232	08/22/76	14	14	14.8	-	S	7.5	27	-	2	7	5	6	3	1	-	4	4	2	3	-	1	-	-	-	-	1.17
02	66.3744	160.0183	2	2	9	0-405233	08/22/76	14	14	14.7	-	S	7.4	40	-	2	7	6	8	3	1	-	4	4	2	3	-	1	-	-	-	-	0.23
02	66.4111	160.1233	2	2	9	0-405234	08/22/76	14	14	14.3	-	S	7.4	22	-	2	7	6	7	3	1	-	4	4	2	3	-	1	-	-	-	-	1.01
02	66.4133	160.1960	2	2	9	0-405235	08/22/76	14	14	14.5	-	S	7.3	30	-	2	7	5	8	3	1	-	4	4	2	3	-	1	-	-	-	-	0.90
02	66.3861	160.1716	2	2	9	0-405236	08/22/76	14	14	13.8	-	S	7.0	167	-	2	7	5	7	3	1	-	4	4	2	3	-	1	-	-	-	-	0.02
02	66.3600	160.0966	2	2	9	0-405237	08/22/76	14	14	14.0	-	S	7.2	180	-	2	7	6	7	3	1	-	4	4	2	3	-	1	-	-	-	-	0.51
02	66.3850	160.1666	2	2	9	0-405238	08/22/76	14	13	14.5	-	S	7.6	18	-	2	7	5	8	3	1	-	4	4	2	3	-	1	-	-	-	-	1.91
02	66.3761	160.2075	2	2	9	0-405239	08/22/76	14	12	14.5	-	S	7.5	24	-	2	7	6	8	3	1	-	4	4	2	3	-	1	-	-	-	-	0.21
02	66.3694	160.3191	2	2	7	0-405240	08/22/76	15	13	14.5	-	-	6.2	35	-	5	2	7	3	6	2	3	1	1	4	4	2	3	-	1	-	-	-	0.68
02	66.3561	160.3519	2	2	7	0-405241	08/22/76	15	12	14.0	-	-	6.7	40	-	4	2	7	3	6	2	3	1	1	4	4	2	3	-	1	-	-	-	0.09
02	66.3666	160.4433	2	2	9	0-405242	08/22/76	15	12	14.3	-	S	7.3	25	-	2	7	3	7	-	3	1	-	4	4	2	3	-	1	-	-	-	-	0.41

APPENDIX B-1 (continued). Field Data and Uranium Concentrations for Water Samples Analyzed by Fluorometry

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																									U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (μmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY UNITS IN ppb
02-66.	3527-	160.4600-	2-29-			0-405243-	08/22/76-	15-	12-	14.0-		-S-	7.5-	30-		-2-	7-	5-	7-		-3-	1-		-4-	4-	2-	3-		1-	-	-	-	-	0.18
02-66.	3561-	160.5166-	2-29-			0-405244-	08/22/76-	15-	12-	20.5-		-S-	6.4-	24-		-2-	7-	5-	7-		-3-	1-		-4-	4-	2-	3-		1-	-	-	-	-	0.01
02-66.	3500-	160.5300-	2-29-			0-405245-	08/22/76-	15-	12-	14.2-		-S-	6.9-	57-		-2-	7-	5-	7-		-3-	1-		-4-	4-	2-	3-		1-	-	-	-	-	0.03
02-66.	3583-	160.6633-	2-29-			0-405246-	08/22/76-	15-	12-	13.7-		-S-	7.0-	40-		-2-	7-	6-	8-		-3-	1-		-4-	4-	2-	3-		1-	-	-	-	-	0.03
02-66.	3569-	160.7000-	2-29-			0-405247-	08/22/76-	15-	12-	14.2-		-S-	6.5-	40-		-2-	7-	6-	7-		-3-	1-		-4-	4-	2-	3-		1-	-	-	-	-	0.19
02-66.	3266-	160.5629-	2-29-			0-405248-	08/22/76-	15-	12-	14.2-		-S-	4.9-	15-		-2-	7-	5-	7-		-3-	1-		-4-	4-	2-	3-		1-	-	-	-	-	0.33
02-66.	3266-	160.4566-	2-29-			0-405249-	08/22/76-	15-	12-	14.2-		-S-	6.2-	32-		-2-	7-	5-	8-		-3-	1-		-4-	4-	2-	3-		1-	-	-	-	-	0.26
02-66.	2941-	160.5572-	2-29-			0-405250-	08/22/76-	15-	12-	13.7-		-S-	7.2-	40-		-2-	7-	6-	8-		-3-	1-		-4-	4-	2-	3-		1-	-	-	-	-	0.19
02-66.	2466-	160.5375-	2-29-			0-405251-	08/22/76-	15-	12-	14.7-		-S-	8.2-	15-		-2-	7-	5-	7-		-3-	1-		-4-	4-	2-	3-		1-	-	-	-	-	0.16
02-66.	2550-	160.4900-	2-29-			0-405252-	08/22/76-	15-	12-	14.7-		-S-	7.9-	22-		-2-	7-	6-	8-		-3-	1-		-4-	4-	2-	3-		1-	-	-	-	-	0.03
02-66.	2516-	160.4583-	2-29-			0-405253-	08/22/76-	15-	14-	14.3-		-S-	8.2-	47-		-2-	7-	5-	6-		-3-	1-		-4-	4-	2-	3-		1-	-	-	-	-	0.49
02-66.	2908-	160.4194-	2-29-			0-405254-	08/22/76-	15-	12-	13.9-		-S-	7.4-	54-		-2-	7-	5-	7-		-3-	1-		-4-	4-	2-	3-		1-	-	-	-	-	0.36
02-66.	3227-	160.3061-	2-29-			0-405255-	08/22/76-	15-	13-	14.2-		-S-	7.9-	47-		-2-	7-	6-	7-		-3-	1-		-4-	4-	2-	3-		1-	-	-	-	-	0.43
02-66.	2650-	160.2833-	2-29-			0-405256-	08/22/76-	15-	13-	13.7-		-S-	8.1-	47-		-2-	7-	6-	7-		-3-	1-		-4-	4-	2-	3-		1-	-	-	-	-	0.28
02-66.	2333-	160.2866-	2-29-			0-405257-	08/22/76-	15-	14-	14.2-		-S-	7.8-	21-		-2-	7-	6-	8-		-3-	1-		-4-	4-	2-	3-		1-	-	-	-	-	0.20
02-66.	2294-	160.2400-	2-29-			0-405258-	08/22/76-	15-	12-	14.4-		-S-	7.2-	13-		-2-	7-	6-	8-		-3-	1-		-4-	4-	2-	3-		1-	-	-	-	-	0.01
02-66.	2666-	160.2300-	2-29-			0-405259-	08/22/76-	15-	12-	14.7-		-S-	8.1-	14-		-2-	7-	5-	7-		-3-	1-		-4-	4-	2-	3-		1-	-	-	-	-	0.18
02-66.	2483-	160.0833-	2-29-			0-405260-	08/22/76-	15-	12-	14.6-		-S-	7.8-	12-		-2-	7-	6-	8-		-3-	1-		-4-	4-	2-	3-		1-	-	-	-	-	0.26
02-66.	2500-	159.9633-	2-29-			0-405261-	08/22/76-	16-	13-	14.4-		-S-	7.4-	33-		-2-	7-	5-	8-		-3-	1-		-4-	4-	2-	3-		1-	-	-	-	-	0.18
02-66.	3000-	159.8850-	2-27-			0-405263-	08/22/76-	16-	14-	13.7-		-	-	7.2-	34-		-2-	7-	5-	7-	3-	2-	1-	1-	4-	4-	2-	3-		1-	-	-	-	-	0.43
02-66.	3250-	160.2076-	2-27-			0-405265-	08/22/76-	16-	14-	13.6-		-	-	7.2-	36-		-2-	7-	3-	6-	3-	2-	1-	1-	4-	4-	2-	3-		1-	-	-	-	-	0.16
02-66.	3138-	160.0800-	2-27-			0-405266-	08/22/76-	16-	14-	12.7-	C-	-	-	7.2-	40-		-2-	7-	3-	6-	3-	2-	1-	1-	3-	4-	3-	3-		1-	-	-	-	-	0.09
02-66.	3066-	160.0166-	2-29-			0-405268-	08/22/76-	16-	13-	14.1-		-S-	8.1-	24-		-2-	7-	6-	8-		-3-	1-		-4-	4-	3-	3-		1-	-	-	-	-	0.20
02-66.	3225-	159.9466-	2-29-			0-405269-	08/22/76-	16-	13-	13.7-		-S-	8.3-	32-		-2-	7-	5-	7-		-3-	1-		-4-	4-	3-	3-		1-	-	-	-	-	0.02
02-66.	3100-	159.9166-	2-29-			0-405270-	08/22/76-	16-	14-	14.2-		-S-	8.1-	24-		-2-	7-	-	-		-3-	1-		-4-	4-	3-	3-		1-	-	-	-	-	0.03
02-66.	3366-	159.9008-	2-29-			0-405271-	08/22/76-	16-	14-	14.4-		-S-	8.2-	21-		-2-	7-	-	-		-3-	1-		-4-	4-	3-	3-		1-	-	-	-	-	0.01
02-66.	3466-	159.7966-	2-29-			0-405272-	08/22/76-	16-	14-	14.6-		-S-	8.1-	32-		-2-	7-	5-	6-		-3-	1-		-4-	4-	3-	3-		1-	-	-	-	-	0.01
02-66.	8858-	162.5433-	2-29-			0-405274-	08/23/76-	8-	13-	13.8-	C-	S-	10.3-	59-		-2-	7-	-	-		-3-	1-		-4-	3-	1-	1-		1-	-	-	-	-	0.01
02-66.	8958-	162.5611-	2-27-			0-405275-	08/23/76-	8-	14-	12.3-	C-	-	-	6.8-	120-		-2-	7-	-	-2-	3-	2-	2-	4-	3-	1-	1-		1-	-	-	-	-	0.05
02-66.	8311-	160.9744-	2-29-			0-405276-	08/23/76-	9-	11-	13.9-		-S-	9.3-	44-		-2-	7-	4-	6-		-3-	1-		-4-	3-	1-	2-		1-	-	-	-	-	0.01
02-66.	8133-	160.7960-	2-29-			0-405277-	08/23/76-	9-	12-	13.8-		-S-	8.7-	102-		-2-	7-	4-	6-		-3-	1-		-4-	3-	2-	3-		1-	-	-	-	-	0.17
02-66.	8500-	160.7800-	2-29-			0-405278-	08/23/76-	9-	12-	13.7-		-S-	8.7-	40-		-2-	7-	4-	6-		-3-	1-		-4-	3-	2-	3-		1-	-	-	-	-	0.17
02-66.	8400-	160.6760-	2-27-			0-405279-	08/23/76-	9-	12-	13.1-		-	-	8.5-	72-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-		1-	-	-	-	-	0.29
02-66.	8033-	160.6233-	2-27-			0-405280-	08/23/76-	9-	12-	12.8-		-	-	8.2-	57-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-		1-	-	-	-	-	0.17
02-66.	8102-	160.5366-	2-27-			0-405281-	08/23/76-	9-	12-	13.3-		-	-	7.8-	62-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-		1-	-	-	-	-	0.36
02-66.	8355-	160.5700-	2-27-			0-405282-	08/23/76-	9-	11-	13.0-		-	-	8.0-	25-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-		1-	-	-	-	-	0.81
02-66.	8533-	160.4466-	2-27-			0-405283-	08/23/76-	9-	12-	13.2-		-	-	8.0-	32-		-2-	7-	-	-2-	3-	1-	2-	1-	2-	2-	3-		1-	-	-	-	-	0.88
02-66.	8169-	160.4733-	2-27-			0-405284-	08/23/76-	10-	12-	13.5-		-	-	7.8-	30-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-		1-	-	-	-	-	0.09
02-66.	8372-	160.3833-	2-27-			0-405285-	08/23/76-	10-	12-	12.9-		-	-	8.4-	53-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-		1-	-	-	-	-	0.45
02-66.	8558-	160.2933-	2-27-			0-405286-	08/23/76-	10-	12-	12.6-		-	-	7.3-	86-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-		1-	-	-	-	-	0.01
02-66.	8527-	160.1500-	2-27-			0-405287-	08/23/76-	10-	12-	12.8-		-	-	8.2-	85-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-		1-	-	-	-	-	0.09
02-66.	8900-	160.1366-	2-27-			0-405288-	08/23/76-	10-	12-	13.1-		-	-	8.5-	115-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-		1-	-	-	-	-	0.01
02-66.	8794-	160.0333-	2-27-			0-405289-	08/23/76-	10-	13-	12.8-		-	-	8.8-	42-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	3-	2-		1-	-	-	-	-	0.02
02-66.	8800-	159.9266-	2-27-			0-405290-	08/23/76-	10-	13-	12.8-		-	-	7.8-	56-		-2-	7-	4-	6-	2-	3-	1-	2-	1-	3-	3-	2-		1-	-	-	-	-	0.72
02-66.	8466-	159.9200-	2-27-			0-405291-	08/23/76-	10-	13-	12.7-		-	-	7.8-	63-		-2-	7-	4-	6-	2-	3-	1-	2-	1-	3-	2-	2-		1-	-	-	-	-	0.16
02-66.	8333-	160.0300-	2-27-			0-405292-	08/23/76-	10-	12-	13.0-		-	-	8.1-	47-		-2-	7-	4-	6-	2-	3-	1-	2-	1-	3-	2-	2-		1-	-	-	-	-	0.26
02-66.	8569-	159.7933-	2-27-			0-405293-	08/23/76-	10-	13-	12.8-		-	-	8.3-	69-		-2-	7-	4-	6-	2-	3-	1-	2-	1-	3-	2-	2-		1-	-	-	-	-	0.44
02-66.	8811-	159.8300-	2-27-			0-405294-	08/23/76-	10-	13-	13.2-		-	-	7.9-	85-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	2-		1-	-	-	-	-	0.01
02-66.	9297-	159.7866-	2-27-			0-405295-	08/23/76-	10-	13-	12.7-		-S-	8.9-	188-		-2-	7-	4-	6-		-	-		-4-	3-	2-	3-		1-	-	-	-	-	0.22
02-66.	8783-	159.7216-	2-29-			0-405296-	08/23/76-	10-	13-	12.8-		-S-	8.8-	153-		-2-	7-	4-	6-		-3-	1-		-4-	3-	2-	3-		1-	-	-	-	-	0.01
02-66.	8366-	159.7216-	2-29-			0-405297-	08/23/76-	10-	13-	12.6-		-S-	8.5-	170-		-2-	7-	4-	6-		-3-	1-		-4-	3-	2-	3-		1-	-	-	-	-	0.22

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples Analyzed by Fluorometry

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY UNITS IN ppb
02-	66.9188-	159.6116-2-29-		0-		405298-	08/23/76-	11-	13-	12.9-	-S-		8.2-	121-		-2-	7-	4-	6-	-	3-	1-	-	4-	3-	2-	3-	1-	-	-	-	-	0.10
02-	66.9183-	159.6733-2-29-		0-		405299-	08/23/76-	11-	13-	12.9-	-S-		8.4-	106-		-2-	7-	4-	6-	-	3-	1-	-	4-	3-	2-	3-	1-	-	-	-	-	0.16
02-	66.8936-	159.6233-2-27-		0-		405300-	08/23/76-	11-	13-	12.3-	-	-	7.8-	41-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	1-	-	-	-	-	0.08
02-	66.8366-	159.6500-2-27-		0-		405302-	08/23/76-	11-	13-	13.6-	-	-	8.2-	153-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	1-	-	-	-	-	0.26
02-	66.8961-	159.4266-2-27-		0-		405303-	08/23/76-	11-	13-	12.7-	-	-	8.0-	48-		-2-	7-	4-	6-	2-	3-	1-	2-	1-	2-	2-	3-	1-	-	-	-	-	0.01
02-	66.8883-	159.3933-2-27-		0-		405304-	08/23/76-	11-	12-	12.5-	-	-	8.4-	83-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	2-	3-	1-	-	-	-	-	0.01
02-	66.8466-	159.3850-2-27-		0-		405305-	08/23/76-	11-	12-	12.4-	-	-	8.3-	59-		-2-	7-	4-	6-	2-	3-	1-	2-	1-	3-	2-	3-	1-	-	-	-	-	0.01
02-	66.8472-	159.4333-2-27-		0-		405306-	08/23/76-	11-	11-	12.-	-	-	8.3-	96-		-2-	7-	4-	6-	2-	3-	1-	2-	1-	2-	2-	3-	1-	-	-	-	-	0.15
02-	66.8894-	159.4266-2-27-		0-		405307-	08/23/76-	11-	11-	13.5-	-	-	8.6-	87-		-2-	7-	4-	6-	2-	3-	1-	2-	1-	2-	1-	3-	1-	-	-	-	-	0.02
02-	66.8891-	159.1433-2-27-		0-		405308-	08/23/76-	11-	11-	9.6-	-	-	8.0-	162-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	1-	3-	1-	-	-	-	-	0.51
02-	66.8483-	159.1400-2-27-		0-		405309-	08/23/76-	11-	11-	10.5-	-	-	8.7-	125-		-2-	7-	4-	6-	2-	3-	1-	2-	1-	2-	1-	3-	1-	-	-	-	-	0.22
02-	66.8444-	159.1476-2-27-		0-		405310-	08/23/76-	11-	11-	10.8-	-	-	8.5-	141-		-2-	7-	4-	6-	2-	3-	1-	2-	1-	2-	1-	3-	1-	-	-	-	-	0.16
02-	66.8966-	159.1400-2-27-		0-		405311-	08/23/76-	12-	11-	11.0-	-	-	8.5-	163-		-2-	7-	4-	6-	2-	3-	1-	2-	1-	2-	1-	3-	1-	-	-	-	-	0.02
02-	66.9586-	158.8691-2-27-		0-		405313-	08/23/76-	12-	11-	10.9-	-	-	8.4-	63-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	1-	3-	1-	-	-	-	-	0.28
02-	66.9600-	158.7003-2-29-		0-		405315-	08/23/76-	12-	11-	11.4-	-S-		8.6-	287-		-2-	7-	4-	6-	-	3-	1-	-	1-	2-	1-	3-	1-	-	-	-	-	0.16
02-	66.9366-	158.6850-2-29-		0-		405316-	08/23/76-	12-	11-	11.8-	-S-		8.2-	195-		-2-	7-	4-	6-	-	3-	1-	-	1-	2-	2-	3-	1-	-	-	-	-	0.60
02-	66.9625-	158.6263-2-29-		0-		405317-	08/23/76-	12-	12-	12.1-	-S-		8.6-	214-		-2-	7-	4-	6-	-	3-	1-	-	1-	2-	1-	3-	1-	-	-	-	-	0.72
02-	66.9488-	158.6366-2-29-		0-		405318-	08/23/76-	12-	12-	5.8-	-S-		8.7-	127-		-2-	7-	4-	6-	-	3-	1-	-	1-	2-	2-	3-	1-	-	-	-	-	0.03
02-	66.9261-	158.6750-2-29-		0-		405319-	08/23/76-	12-	11-	8.9-	-S-		8.5-	141-		-2-	7-	4-	6-	-	3-	1-	-	1-	2-	3-	3-	1-	-	-	-	-	0.16
02-	66.9463-	158.6433-2-29-		0-		405322-	08/23/76-	12-	11-	17.2-	-S-		8.4-	8-		-2-	7-	4-	6-	-	3-	1-	-	1-	3-	3-	3-	1-	-	-	-	-	0.29
02-	66.9000-	158.6250-2-29-		0-		405323-	08/23/76-	12-	11-	15.4-	-S-		7.8-	16-		-2-	7-	4-	6-	-	3-	1-	-	1-	2-	2-	3-	1-	-	-	-	-	1.01
02-	66.8650-	158.6233-2-29-		0-		405324-	08/23/76-	12-	11-	16.1-	-S-		7.6-	2-		-2-	7-	-	-	-	3-	1-	-	1-	3-	2-	3-	1-	-	-	-	-	0.05
02-	66.8433-	158.6175-2-29-		0-		405325-	08/23/76-	13-	11-	16.6-	-S-		9.3-	28-		-2-	7-	4-	6-	-	3-	1-	-	4-	3-	1-	2-	1-	-	-	-	-	0.88
02-	66.8072-	158.6933-2-29-		0-		405326-	08/23/76-	13-	14-	16.0-	-S-		8.6-	23-		-2-	7-	4-	6-	-	3-	1-	-	1-	2-	1-	2-	1-	-	-	-	-	0.81
02-	66.8133-	158.6666-2-29-		0-		405327-	08/23/76-	13-	14-	18.0-	-S-		8.6-	66-		-2-	7-	4-	6-	-	3-	1-	-	1-	2-	1-	2-	1-	-	-	-	-	0.02
02-	66.8188-	158.1383-2-29-		0-		405328-	08/23/76-	13-	14-	15.9-	-S-		8.4-	66-		-2-	7-	4-	6-	-	3-	1-	-	1-	2-	1-	2-	1-	-	-	-	-	0.01
02-	66.8166-	158.2000-2-29-		0-		405329-	08/23/76-	13-	14-	15.9-	-S-		8.5-	38-		-2-	7-	4-	6-	-	3-	1-	-	1-	2-	1-	2-	1-	-	-	-	-	0.01
02-	66.8194-	158.2500-2-29-		0-		405330-	08/23/76-	13-	14-	15.7-	-S-		8.4-	65-		-2-	7-	4-	6-	-	3-	1-	-	4-	3-	1-	2-	1-	-	-	-	-	0.18
02-	66.8400-	158.2766-2-29-		0-		405331-	08/23/76-	12-	11-	17.2-	-S-		8.3-	56-		-2-	7-	4-	6-	-	3-	1-	-	1-	2-	2-	3-	1-	-	-	-	-	0.02
02-	66.8341-	158.1438-2-29-		0-		405332-	08/23/76-	12-	11-	15.9-	-S-		8.2-	37-		-2-	7-	4-	6-	-	3-	1-	-	1-	2-	2-	3-	1-	-	-	-	-	0.07
02-	66.8463-	158.0900-2-29-		0-		405333-	08/23/76-	12-	11-	15.8-	-S-		7.8-	21-		-2-	7-	4-	6-	-	3-	1-	-	1-	2-	2-	3-	1-	-	-	-	-	1.20
02-	66.8733-	158.0800-2-29-		0-		405334-	08/23/76-	13-	14-	18.0-	-S-		9.0-	65-		-2-	7-	4-	6-	-	3-	1-	-	1-	2-	1-	2-	1-	-	-	-	-	0.17
02-	66.8761-	158.1350-2-29-		0-		405335-	08/23/76-	13-	14-	15.9-	-S-		9.1-	48-		-2-	7-	4-	6-	-	3-	1-	-	1-	2-	1-	2-	1-	-	-	-	-	0.19
02-	66.8791-	158.2016-2-29-		0-		405336-	08/23/76-	13-	14-	15.7-	-S-		9.2-	75-		-2-	7-	4-	6-	-	3-	1-	-	1-	2-	1-	2-	1-	-	-	-	-	0.01
02-	66.8900-	158.2041-2-29-		0-		405337-	08/23/76-	13-	14-	15.4-	-S-		9.0-	131-		-2-	7-	4-	6-	-	3-	1-	-	1-	2-	1-	2-	1-	-	-	-	-	0.02
02-	66.8933-	158.1966-2-29-		0-		405338-	08/23/76-	13-	14-	12.9-	-S-		8.8-	155-		-2-	7-	4-	6-	-	3-	1-	-	4-	3-	1-	2-	1-	-	-	-	-	0.25
02-	66.9208-	158.2113-2-27-		0-		405339-	08/23/76-	13-	14-	12.2-	-	-	8.1-	741-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	1-	2-	1-	-	-	-	-	0.05
02-	66.9527-	158.2721-2-27-		0-		405340-	08/23/76-	13-	14-	12.9-	-	-	8.5-	123-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	1-	2-	1-	-	-	-	-	0.09
02-	66.9705-	158.2408-2-27-		0-		405341-	08/23/76-	14-	16-	12.3-	-	-	8.7-	112-		-2-	7-	4-	6-	2-	3-	1-	2-	4-	3-	1-	2-	1-	-	-	-	-	0.20
02-	66.9758-	158.2341-2-27-		0-		405342-	08/23/76-	14-	16-	12.5-	-	-	8.5-	156-		-2-	7-	4-	6-	2-	3-	1-	2-	1-	2-	1-	2-	1-	-	-	-	-	0.06
02-	66.9413-	158.1925-2-27-		0-		405343-	08/23/76-	14-	16-	12.3-	-	-	8.7-	149-		-2-	7-	4-	6-	2-	3-	1-	2-	1-	2-	1-	2-	1-	-	-	-	-	0.02
02-	66.9194-	158.1575-2-27-		0-		405344-	08/23/76-	14-	16-	12.7-	-	-	8.1-	173-		-2-	7-	4-	6-	2-	3-	1-	2-	1-	2-	1-	2-	1-	-	-	-	-	0.10
02-	66.8916-	158.0733-2-29-		0-		405345-	08/23/76-	14-	16-	16.0-	-S-		9.4-	133-		-2-	7-	-	-	-	3-	1-	-	1-	2-	1-	2-	1-	-	-	-	-	0.10
02-	66.9252-	158.0416-2-29-		0-		405346-	08/23/76-	14-	16-	15.7-	-S-		9.5-	162-		-2-	7-	4-	6-	-	3-	1-	-	1-	2-	1-	2-	1-	-	-	-	-	0.10
02-	66.9483-	158.1491-2-29-		0-		405347-	08/23/76-	14-	16-	15.4-	-S-		8.8-	18-		-2-	7-	4-	6-	-	3-	1-	-	1-	2-	1-	2-	1-	-	-	-	-	0.03
02-	66.9941-	158.1291-2-29-		0-		405348-	08/23/76-	14-	16-	15.7-	-S-		8.5-	12-		-2-	7-	4-	6-	-	3-	1-	-	1-	2-	1-	2-	1-	-	-	-	-	0.05
02-	66.9700-	158.0725-2-29-		0-		405349-	08/23/76-	14-	16-	15.4-	-S-		8.1-	12-		-2-	7-	4-	6-	-	3-	1-	-	1-	2-	1-	2-	1-	-	-	-	-	0.05
02-	66.8950-	158.2950-2-29-		0-		405350-	08/23/76-	14-	16-	15.5-	-S-		8.7-	71-		-2-	7-	4-	6-	-	3-	1-	-	1-	2-	1-	2-	1-	-	-	-	-	0.05
02-	66.8722-	158.2766-2-29-		0-		405351-	08/23/76-	14-	16-	15.9-	-S-		9.1-	15-		-2-	7-	4-	6-	-	3-	1-	-	1-	2-	1-	2-	1-	-	-	-	-	0.04
02-	66.8677-	158.3900-2-27-		0-		405353-	08/23/76-	14-	16-	12.0-	-	-	8.8-	122-		-2-	7-	4-	6-	2-	3-	1-	2-	1-	2-	1-	2-	1-	-	-	-	-	0.02
02-	66.8433-	158.3700-2-27-		0-		405354-	08/23/76-	14-	16-	11.8-	-	-	7.9-	75-		-2-	7-	4-	6-	2-	3-	1-	2-	1-	2-	1-	2-	1-	-	-	-	-	0.51

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples Analyzed by Fluorometry

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																										U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY. UNITS IN ppb
02-	66.8988-	158.5083-	2-27-	0-	405355-	08/23/76-	15-	16-	11.7-	-	-	8.1-	96-		-2-7-4-6-2-3-1-2-1-2-1-2-																	0.01
02-	66.9066-	158.5566-	2-27-	0-	405356-	08/23/76-	15-	16-	12.2-	-	-	8.4-	79-		-2-7-4-6-2-3-1-2-1-2-1-2-																	0.03
02-	66.8702-	158.5608-	2-27-	0-	405357-	08/23/76-	15-	16-	12.4-	-	-	8.5-	114-		-2-7-4-6-2-3-1-2-1-2-1-2-																	0.21
02-	66.8441-	158.5752-	2-27-	0-	405358-	08/23/76-	15-	16-	11.8-	-	-	8.3-	127-		-2-7-4-6-2-3-1-2-1-2-1-2-																	0.30
02-	66.8700-	158.5322-	2-29-	0-	405359-	08/23/76-	15-	16-	15.2-	-S-		7.3-	2-		-2-7-4-6- -3-1- -1-2-1-2-																	0.37
02-	66.8952-	158.6491-	2-27-	0-	405360-	08/23/76-	15-	16-	12.1-	-	-	8.2-	89-		-2-7- - -2-3-3-2-1-2-2-2-																	0.03
02-	66.8994-	158.6927-	2-27-	0-	405361-	08/23/76-	15-	16-	12.4-	-	-	7.7-	207-		-2-7-4-6-2-3-1-2-1-2-2-2-																	0.27
02-	66.8688-	158.7133-	2-27-	0-	405362-	08/23/76-	15-	16-	12.9-	-	-	7.9-	156-		-2-7-4-6-2-3-1-2-1-2-3-2-																	0.11
02-	66.8736-	158.6733-	2-27-	0-	405363-	08/23/76-	15-	16-	12.1-	-	-	8.1-	165-		-2-7-4-6-2-3-1-2-1-2-3-1-																	0.27
02-	66.8400-	158.7360-	2-27-	0-	405364-	08/23/76-	15-	16-	12.0-	-	-	8.3-	171-		-2-7-4-6-2-3-1-2-1-3-2-2-																	0.52
02-	66.8713-	158.7808-	2-27-	0-	405365-	08/23/76-	15-	16-	12.0-	-	-	8.1-	132-		-2-7-4-6-2-3-1-2-1-3-2-2-																	0.60
02-	66.8938-	158.7775-	2-27-	0-	405366-	08/23/76-	15-	16-	11.9-	-	-	8.4-	172-		-2-7-4-6-2-3-1-2-1-3-2-2-																	1.1
02-	66.9094-	158.8233-	2-27-	0-	405367-	08/23/76-	15-	16-	12.1-	-	-	7.9-	156-		-2-7-4-6-2-3-1-2-1-3-3-2-																	1.09
02-	66.9205-	158.9050-	2-27-	0-	405368-	08/23/76-	15-	16-	11.6-	-	-	8.7-	272-		-2-7-4-6-2-3-1-2-1-2-3-2-																	1.39
02-	66.8958-	158.9158-	2-27-	0-	405369-	08/23/76-	15-	17-	10.4-	-	-	8.7-	271-		-2-7-4-6-2-3-1-2-1-3-2-2-																	0.23
02-	66.8697-	158.8825-	2-27-	0-	405370-	08/23/76-	15-	17-	11.2-	-	-	8.4-	231-		-2-7-4-6-2-3-1-2-1-2-3-2-																	0.16
02-	66.8441-	158.7633-	2-27-	0-	405371-	08/23/76-	15-	17-	11.7-	-	-	8.2-	221-		-2-7-4-6-2-3-1-2-1-2-2-2-																	0.16
02-	66.8358-	158.8933-	2-27-	0-	405372-	08/23/76-	15-	18-	11.9-	-	-	8.0-	172-		-2-7-4-6-2-3-1-2-1-2-2-2-																	0.23
02-	66.8391-	158.9660-	2-27-	0-	405373-	08/23/76-	15-	16-	12.3-	-	-	7.9-	203-		-2-7-4-6-2-3-1-2-1-2-2-2-																	0.14
02-	66.8705-	158.9450-	2-29-	0-	405374-	08/23/76-	15-	16-	15.9-	-S-		8.8-	32-		-2-7-6-6- -3-1- -1-2-2-2-																	0.05
02-	66.9091-	158.9241-	2-29-	0-	405375-	08/23/76-	15-	16-	14.5-	-S-		7.9-	87-		-2-7- - - -3-1- -1-2-2-2-																	.01
02-	66.8822-	158.9791-	2-29-	0-	405376-	08/23/76-	15-	18-	11.8-	-S-		7.2-	18-		-2-7-4-6- -3-1- -1-2-1-2-																	0.03
02-	66.7983-	159.0333-	2-29-	0-	405377-	08/23/76-	15-	18-	16.2-	-S-		7.0-	26-		-2-7-6-6- -3-1- -1-2-2-1-																	0.48
02-	66.7791-	159.0200-	2-29-	0-	405378-	08/23/76-	15-	18-	16.3-	-S-		7.3-	26-		-2-7-6-6- -3-1- -1-2-1-2-																	0.83
02-	66.8016-	159.1300-	2-29-	0-	405379-	08/23/76-	15-	18-	16.1-	-S-		7.0-	10-		-2-7-6-6- -3-1- -1-2-1-2-																	0.01
02-	66.7700-	159.1533-	2-29-	0-	405380-	08/23/76-	15-	18-	15.8-	C-S-		7.5-	312-		-2-7- - - -3-1- -1-2-1-1-																	0.01
02-	66.7633-	159.2405-	2-29-	0-	405381-	08/23/76-	15-	18-	16.4-	-S-		8.1-	14-		-2-7- - - -3-1- -1-2-1-2-																	0.01
02-	66.8002-	159.2516-	2-29-	0-	405382-	08/23/76-	15-	18-	16.0-	-S-		7.7-	46-		-2-7-6-6- -3-1- -1-2-1-1-																	0.03
02-	66.7966-	159.3466-	2-29-	0-	405383-	08/23/76-	16-	18-	16.4-	-S-		8.1-	17-		-2-7-6-6- -3-1- -1-2-1-1-																	0.01
02-	66.7600-	159.3466-	2-29-	0-	405384-	08/23/76-	16-	18-	14.4-	-S-		7.6-	28-		-2-7-6-6- -3-1- -1-2-1-1-																	0.29
02-	66.7583-	159.4611-	2-29-	0-	405385-	08/23/76-	16-	18-	17.4-	-S-		7.3-	12-		-2-7-6-6- -3-1- -1-2-1-1-																	0.02
02-	66.8061-	159.4766-	2-29-	0-	405386-	08/23/76-	16-	18-	15.9-	-S-		6.8-	15-		-2-7-6-6- -3-1- -1-2- -1-																	0.23
02-	66.7983-	159.5700-	2-29-	0-	405387-	08/23/76-	16-	18-	18.1-	-S-		6.3-	13-		-2-7- - - -3-1- -1-2-1-1-																	0.32
02-	66.7600-	159.5733-	2-29-	0-	405388-	08/23/76-	16-	18-	16.6-	-S-		7.1-	89-		-2-7-4-6- -3-1- -1-2-1-1-																	0.05
02-	66.7622-	159.6916-	2-29-	0-	405389-	08/23/76-	16-	18-	16.2-	-S-		7.4-	20-		-2-7-4-6- -3-1- -1-2-1-1-																	0.31
02-	66.7866-	159.6833-	2-29-	0-	405390-	08/23/76-	16-	18-	16.5-	-S-		7.6-	117-		-2-7-6-6- -3-1- -1-2-1-1-																	0.24
02-	66.7969-	159.7533-	2-27-	0-	405391-	08/23/76-	16-	18-	10.5-	-	-	7.5-	160-		-2-7-4-6-2-3-1-2-1-2-1-1-																	0.39
02-	66.7633-	159.7666-	2-29-	0-	405392-	08/23/76-	16-	18-	17.4-	-S-		8.3-	19-		-2-7-6-6- -3-1- -1-2-1-1-																	0.04
02-	66.7769-	159.8566-	2-27-	0-	405393-	08/23/76-	16-	18-	12.3-	-	-	7.8-	168-		-2-7-4-6-2-3-1-2-1-2-1-1-																	0.03
02-	66.8036-	159.8600-	2-27-	0-	405394-	08/23/76-	16-	18-	12.5-	-	-	7.9-	152-		-2-7-4-6-2-3-1-2-1-2-1-1-																	0.17
02-	66.7933-	160.0333-	2-27-	0-	405395-	08/23/76-	16-	18-	12.6-	-	-	7.9-	131-		-2-7-4-6-2-3-1-2-1-2-1-1-																	0.01
02-	66.7583-	160.0200-	2-27-	0-	405396-	08/23/76-	16-	18-	11.9-	-	-	8.1-	158-		-2-7-4-6-2-3-1-2-1-2-1-1-																	0.01
02-	66.7533-	160.0766-	2-27-	0-	405397-	08/23/76-	16-	18-	5.2-	-	-	9.1-	191-		-2-7-4-6-2-3-1-2-1-2-1-1-																	0.09
02-	66.7833-	160.1133-	2-27-	0-	405398-	08/23/76-	16-	18-	10.8-	-	-	8.7-	160-		-2-7-4-6-2-3-1-2-1-2-1-1-																	0.17
02-	66.7466-	160.2183-	2-27-	0-	405399-	08/23/76-	16-	18-	11.6-	-	-	8.9-	221-		-2-7-4-6-2-3-1-2-1-2-1-1-																	0.20
02-	66.7333-	160.2983-	2-27-	0-	405400-	08/23/76-	16-	18-	11.8-	-	-	8.6-	210-		-2-7-4-6-2-3-1-2-1-2-1-1-																	0.14
02-	66.7197-	160.2283-	2-27-	0-	405401-	08/23/76-	17-	18-	11.3-	-	-	8.5-	187-		-2-7-4-6-2-3-1-2-1-2-1-1-																	0.26
02-	66.7516-	160.3200-	2-27-	0-	405402-	08/23/76-	17-	18-	11.3-	-	-	8.1-	183-		-2-7-4-6-2-3-1-2-1-2-1-1-																	0.05
02-	66.7894-	160.3366-	2-27-	0-	405403-	08/23/76-	17-	18-	12.1-	-	-	7.2-	158-		-2-7-4-6-2-3-1-2-1-2-1-1-																	0.01
02-	66.8033-	160.2316-	2-27-	0-	405404-	08/23/76-	17-	18-	12.7-	-	-	8.3-	196-		-2-7-4-6-2-3-1-2-1-2-1-1-																	0.02
02-	66.6700-	159.6466-	2-29-	0-	405405-	08/23/76-	18-	18-	14.7-	-S-		9.4-	42-		-2-7-6-6- -3-1- -1-2-1-1-																	0.27

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples Analyzed by Fluorometry

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																							U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY, UNITS IN ppb
02	66.6750	159.6000	2	2	9	0-405406	08/23/76	18	18	15.1	-	S	8.1	21		2	7	6	6	3	1	1	2	1	1	1	-	-	-	-	-	0.09
02	66.6736	159.5366	2	2	9	0-405407	08/23/76	18	18	15.2	-	S	7.4	18		2	7	6	6	3	1	1	2	1	1	1	-	-	-	-	-	0.03
02	66.6694	159.4566	2	2	9	0-405408	08/23/76	18	18	16.0	-	S	7.6	16		2	7	6	6	3	1	1	2	1	1	1	-	-	-	-	-	0.06
02	66.6383	159.4300	2	2	9	0-405409	08/23/76	18	18	17.5	-	S	7.8	63		2	7	6	6	3	1	4	3	1	2	1	-	-	-	-	-	0.70
02	66.7066	159.4533	2	2	9	0-405410	08/23/76	18	18	14.9	-	S	9.9	61		2	7	6	6	3	1	4	3	1	1	1	-	-	-	-	-	0.27
02	66.7266	159.4850	2	2	9	0-405411	08/23/76	18	18	14.4	-	S	8.9	15		2	7	6	6	3	1	4	3	1	2	1	-	-	-	-	-	0.35
02	66.7194	159.5944	2	2	9	0-405412	08/23/76	18	18	15.6	-	S	7.6	12		2	7	4	6	3	1	1	2	1	1	1	-	-	-	-	-	1.08
02	66.7216	159.6860	2	2	9	0-405413	08/23/76	18	18	14.9	-	S	7.6	30		2	7	6	6	3	1	1	2	1	1	1	-	-	-	-	-	0.20
02	66.7150	159.7650	2	2	9	0-405414	08/23/76	18	18	16.0	-	S	8.0	22		2	7	6	6	3	1	4	2	1	1	1	-	-	-	-	-	0.03
02	66.7133	159.8833	2	2	9	0-405415	08/23/76	18	17	15.2	-	S	7.6	13		2	7	6	6	3	1	1	2	1	1	1	-	-	-	-	-	0.65
02	66.3733	158.9900	2	2	9	0-405416	08/24/76	10	14	15.5	-	S	9.4	71		2	7	5	6	3	1	1	2	1	1	1	-	-	-	-	-	0.79
02	66.3741	158.9558	2	2	9	0-405417	08/24/76	10	15	16.0	-	S	9.2	69		2	7	5	6	3	1	1	2	1	1	1	-	-	-	-	-	0.18
02	66.3700	158.8655	2	2	9	0-405418	08/24/76	10	15	16.6	-	S	8.7	39		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.01
02	66.3833	158.7875	2	2	9	0-405419	08/24/76	10	15	16.0	-	S	8.4	44		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.01
02	66.3825	158.7108	2	2	9	0-405420	08/24/76	10	15	16.0	-	S	8.5	55		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.01
02	66.3733	158.6600	2	2	9	0-405421	08/24/76	-	15	13.7	-	S	8.3	63		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.01
02	66.3933	158.6791	2	2	9	0-405422	08/24/76	11	16	14.1	-	S	7.6	28		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.28
02	66.4102	158.7194	2	2	9	0-405423	08/24/76	11	16	13.8	-	S	7.2	35		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.10
02	66.4233	158.6360	2	2	9	0-405424	08/24/76	11	15	14.4	-	S	7.8	90		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.18
02	66.4250	158.7166	2	2	9	0-405425	08/24/76	11	15	14.0	-	S	7.6	86		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.02
02	66.4658	158.8500	2	2	9	0-405426	08/24/76	11	15	14.2	-	-	8.7	127		2	7	4	6	3	3	1	2	2	2	1	2	-	-	-	-	-	0.14
02	66.4533	158.7476	2	2	9	0-405427	08/24/76	11	15	13.9	-	-	8.2	105		2	7	4	6	3	3	1	2	3	2	1	2	-	-	-	-	-	0.09
02	66.4666	158.7691	2	2	9	0-405428	08/24/76	11	15	14.3	-	S	9.9	32		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.05
02	66.4038	158.8050	2	2	9	0-405430	08/24/76	11	15	16.4	-	S	9.1	69		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.31
02	66.4041	158.8861	2	2	9	0-405431	08/24/76	11	15	15.8	-	S	8.4	75		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.23
02	66.3972	158.9916	2	2	9	0-405433	08/24/76	11	15	14.2	-	S	7.8	26		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.01
02	66.4258	158.9891	2	2	9	0-405434	08/24/76	11	15	14.4	-	S	8.1	57		2	7	5	6	3	2	4	3	1	2	1	-	-	-	-	-	0.20
02	66.4233	158.9391	2	2	9	0-405435	08/24/76	11	15	14.2	-	S	7.8	65		2	7	5	6	3	3	4	3	1	2	1	-	-	-	-	-	0.17
02	66.4272	158.8891	2	2	9	0-405436	08/24/76	11	15	14.4	-	S	7.9	24		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.14
02	66.4600	158.8710	2	2	9	0-405437	08/24/76	11	15	14.3	-	S	7.6	30		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.01
02	66.4708	158.9500	2	2	9	0-405438	08/24/76	11	15	14.4	-	S	8.7	51		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.29
02	66.4605	158.9883	2	2	9	0-405439	08/24/76	11	15	14.4	-	S	9.2	42		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.01
02	66.4975	158.9905	2	2	9	0-405440	08/24/76	11	15	14.7	-	S	8.4	35		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.01
02	66.4975	158.9460	2	2	9	0-405441	08/24/76	11	15	14.2	-	S	8.0	46		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.01
02	66.5191	158.9555	2	2	9	0-405442	08/24/76	11	15	14.5	C	S	8.2	31		2	7	-	-	3	1	4	3	1	2	1	-	-	-	-	-	0.01
02	66.5116	158.9794	2	2	9	0-405443	08/24/76	11	15	14.4	C	S	8.0	56		2	7	-	-	3	1	4	3	1	2	1	-	-	-	-	-	0.04
02	66.5100	158.9000	2	2	9	0-405444	08/24/76	11	16	14.1	-	S	8.2	54		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.15
02	66.4916	158.8041	2	2	9	0-405446	08/24/76	11	16	14.8	-	S	7.9	14		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.10
02	66.5133	158.7966	2	2	9	0-405447	08/24/76	11	16	14.8	-	S	8.2	26		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.01
02	66.5230	158.7191	2	2	9	0-405448	08/24/76	12	16	14.1	-	S	7.6	41		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.01
02	66.4922	158.6416	2	2	9	0-405450	08/24/76	12	16	14.6	-	S	7.9	28		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.06
02	66.5241	158.6333	2	2	9	0-405451	08/24/76	12	16	14.0	-	S	8.0	35		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.07
02	66.5463	158.6419	2	2	9	0-405452	08/24/76	12	16	15.5	C	S	7.7	43		2	7	5	6	3	3	4	3	2	2	1	-	-	-	-	-	0.31
02	66.5530	158.7241	2	2	9	0-405453	08/24/76	12	16	14.9	-	S	7.2	50		2	7	5	6	3	3	4	3	1	2	1	-	-	-	-	-	0.18
02	66.5461	158.9894	2	2	9	0-405457	08/24/76	12	16	14.0	-	S	8.2	95		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.02
02	66.5755	158.9833	2	2	9	0-405458	08/24/76	12	16	14.8	-	S	8.3	15		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.20
02	66.5766	158.9500	2	2	9	0-405459	08/24/76	12	16	14.2	-	S	7.9	21		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.09
02	66.5761	158.8800	2	2	9	0-405460	08/24/76	12	16	13.8	-	S	8.2	12		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.09
02	66.5722	158.7100	2	2	9	0-405462	08/24/76	12	16	14.2	-	S	7.2	45		2	7	5	6	3	1	4	3	1	2	1	-	-	-	-	-	0.15
02	66.5647	158.6700	2	2	9	0-405463	08/24/76	12	16	14.0	-	S	7.4	60		2	7	-	-	3	1	4	3	1	2	1	-	-	-	-	-	0.31
02	66.5933	158.6333	2	2	9	0-405464	08/24/76	12	16	14.2	C	S	6.8	12		2	7	-	-	3	1	4	3	1	2	1	-	-	-	-	-	0.18

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples Analyzed by Fluorometry

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																									U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (μmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY UNITS IN ppb
02	66.6166	158.7166	2	2	9	0405465	08/24/76	12	16	14.5		S	7.4	20		2	7	5	6	3	1	4	3	1	2	1						0.06
02	66.6011	158.7938	2	2	9	0405466	08/24/76	12	16	14.7		S	7.3	38		2	7	5	6	3	1	4	3	2	2	1						0.01
02	66.6000	158.8733	2	2	9	0405467	08/24/76	12	16	14.2		S	7.2	55		2	7	5	6	3	1	4	3	2	2	1						0.08
02	66.6041	158.9300	2	2	9	0405468	08/24/76	12	16	14.0		S	7.5	27		2	7	5	6	3	1	4	3	2	2	1						0.32
02	66.6072	158.9833	2	2	9	0405469	08/24/76	12	16	14.7		S	7.9	29		2	7	5	6	3	1	4	3	2	2	1						0.32
02	66.6416	158.9891	2	2	9	0405470	08/24/76	12	16	14.0		S	8.0	33		2	7	5	6	3	1	4	3	2	2	1						0.01
02	66.6416	158.9333	2	2	7	0405471	08/24/76	13	16	15.2		S	7.7	154		2	7	5	6	3	3	1	2	2	3	2	2					0.44
02	66.6422	158.8958	2	2	7	0405472	08/24/76	13	16	14.9		S	7.4	120		2	7	5	6	3	3	1	2	2	3	2	2					0.14
02	66.6333	158.8000	2	2	9	0405473	08/24/76	13	16	14.7		S	9.1	22		2	7	5	6	3	1	4	3	2	2	1						0.02
02	66.6391	158.7425	2	2	9	0405474	08/24/76	13	16	14.2		S	8.6	20		2	7	5	6	3	1	4	3	2	2	1						0.38
02	66.6438	158.6658	2	2	9	0405475	08/24/76	13	16	14.8		S	9.0	25		2	7	5	6	3	1	4	3	2	2	1						0.18
02	66.6552	158.6583	2	2	9	0405476	08/24/76	13	16	14.3		S	8.2	55		2	7	5	6	3	1	4	3	2	2	1						0.02
02	66.6594	158.7250	2	2	9	0405477	08/24/76	13	16	14.0		S	7.9	46		2	7	5	6	3	1	4	3	2	2	1						0.04
02	66.6700	158.7850	2	2	9	0405478	08/24/76	13	16	13.9		S	8.6	60		2	7	5	6	3	1	4	3	2	2	1						0.53
02	66.6638	158.8708	2	2	9	0405479	08/24/76	13	16	15.3		S	8.1	33		2	7	5	6	3	1	4	3	2	2	1						0.01
02	66.6555	158.9266	2	2	9	0405480	08/24/76	13	18	15.4		S	9.3	112		2	7	5	6	3	1	4	3	2	2	1						0.06
02	66.6516	158.9855	2	2	9	0405481	08/24/76	13	18	15.6		S	8.9	98		2	7	5	6	3	1	4	3	2	2	1						0.04
02	66.6966	158.7210	2	2	9	0405486	08/24/76	13	18	14.3		S	9.0	38		2	7	5	6	3	1	4	3	2	2	1						0.21
02	66.6950	158.6466	2	2	9	0405487	08/24/76	13	18	14.4		S	8.7	42		2	7	5	6	3	1	4	3	2	2	1						0.04
02	66.7233	158.7808	2	2	9	0405490	08/24/76	13	18	15.0		S	8.0	65		2	7	5	6	3	1	4	3	2	2	1						0.05
02	66.7752	158.9133	2	2	7	0405491	08/24/76	16	22	13.8			6.0	62		2	7	4	6	2	3	1	2	4	3	3	2					0.01
02	66.7680	158.1333	2	2	7	0405493	08/24/76	16	22	13.7			6.8	66		2	7	4	6	2	3	1	2	4	3	3	2					0.43
02	66.7800	158.2191	2	2	9	0405496	08/24/76	16	22	13.9		S	8.9	68		2	7	5	6	3	1	4	3	3	2	1						0.06
02	66.7519	158.2100	2	2	9	0405495	08/24/76	16	22	15.7		S	9.1	55		2	7	5	6	3	1	4	3	3	2	1						0.73
02	66.7452	158.1533	2	2	9	0405496	08/24/76	16	21	15.2		S	9.0	76		2	7	5	6	3	1	4	3	3	2	1						0.03
02	66.7419	158.0872	2	2	9	0405497	08/24/76	16	21	14.2		S	7.5	21		2	7			3	1	4	3	3	2	1						0.39
02	66.7411	158.0160	2	2	9	0405498	08/24/76	16	21	14.0		S	7.2	36		2	7	5	6	3	1	4	3	3	2	1						0.01
02	66.7261	158.0275	2	2	7	0405499	08/24/76	16	20	14.2			6.6	60		2	7	5	6	2	3	1	2	4	3	3	2					0.73
02	66.7166	158.0783	2	2	7	0405500	08/24/76	16	21	13.6			6.8	75		2	7	5	6	2	3	1	2	4	3	3	2					0.09
02	66.7266	158.1400	2	2	7	0405501	08/24/76	16	21	12.8			7.2	68		2	7	5	6	2	3	1	2	4	3	3	2					0.38
02	66.7227	158.1988	2	2	9	0405502	08/24/76	17	21	16.7		S	7.7	38		2	7	5	6	3	1	4	3	3	2	1						0.42
02	66.7000	158.2322	2	2	9	0405503	08/24/76	17	21	16.4		S	7.5	44		2	7	5	6	3	1	4	3	3	2	1						0.12
02	66.6933	158.1189	2	2	9	0405504	08/24/76	17	21	16.8		S	7.6	52		2	7	5	6	3	1	4	3	3	2	1						0.19
02	66.6825	158.0958	2	2	9	0405505	08/24/76	17	21	15.6		S	7.6	23		2	7	5	6	3	1	4	3	3	2	1						0.03
02	66.6919	158.0086	2	2	9	0405506	08/24/76	17	21	15.0		S	7.8	40		2	7	5	6	3	1	4	3	3	2	1						0.09
02	66.6641	158.0208	2	2	7	0405507	08/24/76	17	21	14.8			7.6	104		2	7	4	6	3	3	1	2	4	3	3	2					0.08
02	66.6688	158.0638	2	2	7	0405508	08/24/76	17	21	14.6			7.2	110		2	7	4	6	3	3	1	2	4	3	3	2					0.04
02	66.6638	158.1475	2	2	7	0405509	08/24/76	17	21	14.6			7.8	126		2	7	4	6	3	3	1	2	4	3	3	2					0.04
02	66.6727	158.1950	2	2	9	0405510	08/24/76	17	21	15.3		S	8.3	35		2	7	5	6	3	1	4	3	3	2	1						0.04
02	66.6388	158.2366	2	2	9	0405511	08/24/76	17	21	15.6		S	8.0	26		2	7	5	6	3	1	4	3	3	2	1						0.02
02	66.6291	158.1391	2	2	9	0405512	08/24/76	17	21	15.2		S	8.1	42		2	7	5	6	3	1	4	3	3	2	1						0.03
02	66.6375	158.0600	2	2	9	0405513	08/24/76	17	21	15.8		S	7.3	18		2	7	5	6	3	1	4	3	3	2	1						0.04
02	66.6227	158.0000	2	2	9	0405514	08/24/76	17	21	15.2		S	7.2	26		2	7	5	6	3	1	4	3	3	2	1						0.23
02	66.6116	158.0066	2	2	9	0405515	08/24/76	17	21	15.6		S	7.6	28		2	7	5	6	3	1	4	3	3	2	1						0.07
02	66.5916	158.0933	2	2	9	0405516	08/24/76	17	21	15.2		S	10.7	61		2	7	5	6	3	1	4	3	3	2	1						0.03
02	66.6133	158.1200	2	2	9	0405517	08/24/76	17	21	15.8		S	10.1	82		2	7	5	6	3	1	4	3	3	2	1						0.01
02	66.6025	158.1924	2	2	9	0405518	08/24/76	17	21	14.8		S	8.8	76		2	7	5	6	3	1	4	3	3	2	1						0.05
02	66.5822	158.1916	2	2	9	0405519	08/24/76	17	21	15.7		S	8.6	76		2	7	5	6	3	1	4	3	3	2	1						0.18
02	66.5833	158.1333	2	2	9	0405520	08/24/76	17	21	15.0		S	8.9	47		2	7	5	6	3	1	4	3	3	2	1						0.18
02	66.5666	158.1000	2	2	9	0405521	08/24/76	17	21	15.6		S	8.2	56		2	7	5	6	3	1	4	3	3	2	1						0.01
02	66.5508	158.0200	2	2	7	0405523	08/24/76	17	21	13.6			6.0	40		2	7	5	6	2	3	1	2	4	3	3	2					0.16

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples Analyzed by Fluorometry

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY (UNITS IN ppb)
02	66.5600	158.0561	2	27	-	0-405524	08/24/76	17	21	13.6	-	-	6.8	28	-	-2-7-5-6	-2-3-1-2	-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01
02	66.5563	158.1659	2	29	-	0-405525	08/24/76	17	21	14.6	-	S	6.8	15	-	-2-7-5-6	- 3-1 -	-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33
02	66.5616	158.2169	2	29	-	0-405526	08/24/76	17	21	14.8	-	S	6.9	26	-	-2-7-5-6	- 3-1 -	-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.27
02	66.5291	158.2266	2	29	-	0-405527	08/24/76	17	21	15.0	-	S	7.2	26	-	-2-7-5-6	- 3-1 -	-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01
02	66.5308	158.1616	2	27	-	0-405528	08/24/76	18	21	13.8	-	-	4.2	28	-	-2-7-5-6	-2-3-1-2	-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.08
02	66.5200	158.0666	2	27	-	0-405529	08/24/76	18	21	12.6	-	-	7.6	25	-	-2-7-4-6	-2-3-1-2	-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01
02	66.5111	158.0083	2	27	-	0-405530	08/24/76	18	21	13.6	-	-	5.0	20	-	-2-7-4-6	-3-3-1-2	-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.14
02	66.4927	158.0183	2	29	-	0-405531	08/24/76	18	21	15.8	-	S	7.5	26	-	-2-7-5-6	- 3-1 -	-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01
02	66.4819	158.0583	2	29	-	0-405532	08/24/76	18	21	15.6	-	S	7.0	30	-	-2-7-5-6	- 3-1 -	-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05
02	66.4808	158.1502	2	29	-	0-405533	08/24/76	18	21	15.6	-	S	7.6	33	-	-2-7-5-6	- 3-1 -	-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01
02	66.4800	158.2000	2	29	-	0-405534	08/24/76	18	21	15.9	-	S	7.7	32	-	-2-7-5-6	- 3-1 -	-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05
02	66.4666	158.2169	2	29	-	0-405535	08/24/76	18	21	15.8	-	S	7.2	46	-	-2-7-5-6	- 3-1 -	-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01
02	66.4608	158.1500	2	29	-	0-405536	08/24/76	18	21	15.6	-	S	7.6	59	-	-2-7-4-6	- 3-1 -	-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.09
02	66.4533	158.0766	2	29	-	0-405537	08/24/76	18	21	16.1	-	S	7.7	68	-	-2-7-5-6	- 3-1 -	-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06
02	66.4558	158.0250	2	29	-	0-405538	08/24/76	18	21	16.3	-	S	7.0	52	-	-2-7-5-6	- 3-1 -	-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03
02	66.4427	158.0233	2	29	-	0-405539	08/24/76	18	21	16.0	-	S	7.5	60	-	-2-7-5-6	- 3-1 -	-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05
02	66.4441	158.0883	2	29	-	0-405540	08/24/76	18	21	15.0	-	S	7.7	30	-	-2-7-5-6	- 3-1 -	-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.09
02	66.4425	158.1400	2	29	-	0-405541	08/24/76	18	21	14.9	-	S	7.2	44	-	-2-7-5-6	- 3-1 -	-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11
02	66.4388	158.2180	2	29	-	0-405542	08/24/76	18	21	15.4	-	S	7.6	38	-	-2-7-5-6	- 3-1 -	-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.73
02	66.4066	158.2416	2	29	-	0-405543	08/24/76	18	21	15.4	-	S	7.4	30	-	-2-7-5-6	- 3-1 -	-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.47
02	66.4100	158.1450	2	29	-	0-405544	08/24/76	18	21	15.6	-	S	7.0	28	-	-2-7-5-6	- 3-1 -	-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.83
02	66.3944	158.1033	2	29	-	0-405545	08/24/76	18	21	15.0	-	S	7.2	38	-	-2-7-5-6	- 3-1 -	-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.18
02	66.4000	158.0300	2	29	-	0-405546	08/24/76	18	21	14.0	-	S	7.0	20	-	-2-7-5-6	- 3-1 -	-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.88
02	66.3833	158.0766	2	29	-	0-405548	08/24/76	18	20	15.0	-	S	7.3	59	-	-2-7-5-6	- 3-1 -	-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.28
02	66.3683	158.1666	2	29	-	0-405549	08/24/76	18	20	15.2	-	S	7.0	48	-	-2-7-5-6	- 3-1 -	-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.28
02	66.3802	158.2000	2	29	-	0-405550	08/24/76	18	21	15.6	-	S	7.4	52	-	-2-7-5-6	- 3-1 -	-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.36
02	66.3722	158.3000	2	29	-	0-405551	08/24/76	18	20	15.2	-	S	7.7	103	-	-2-7-5-6	- 3-1 -	-4-3-1-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.36
02	66.4058	158.3166	2	29	-	0-405552	08/24/76	18	20	15.9	-	S	7.6	98	-	-2-7-5-6	- 3-1 -	-4-3-1-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.61
02	66.4058	158.3533	2	29	-	0-405553	08/24/76	18	20	15.6	-	S	7.4	101	-	-2-7-5-6	- 3-1 -	-4-3-1-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01
02	66.3727	158.3833	2	29	-	0-405554	08/24/76	19	20	14.9	-	S	7.1	20	-	-2-7-5-6	- 3-1 -	-4-3-1-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06
02	66.3733	158.4655	2	29	-	0-405555	08/24/76	19	20	15.0	-	S	7.0	18	-	-2-7-5-6	- 3-1 -	-4-3-1-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.07
02	66.4000	158.4500	2	29	-	0-405556	08/24/76	19	20	15.6	-	S	7.4	26	-	-2-7-5-6	- 3-1 -	-4-3-1-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03
02	66.4044	158.5000	2	29	-	0-405557	08/24/76	19	20	15.4	-	S	7.3	35	-	-2-7-5-6	- 3-1 -	-4-3-1-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.27
02	66.3866	158.5366	2	29	-	0-405558	08/24/76	19	20	15.8	-	S	7.0	46	-	-2-7-5-6	- 3-1 -	-4-3-1-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02
02	66.3816	158.5833	2	29	-	0-405559	08/24/76	19	20	15.2	-	S	7.6	47	-	-2-7-5-6	- 3-1 -	-4-3-1-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05
02	66.4066	158.5883	2	29	-	0-405560	08/24/76	19	20	14.9	-	S	6.8	22	-	-2-7-5-6	- 3-1 -	-4-3-1-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01
02	66.6822	150.3333	2	27	-	0-405561	08/25/76	9	13	12.4	-	-	8.2	156	-	0-2-7-4-6	-2-3-1-2	-4-3-1-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01
02	66.6816	160.2466	2	27	-	0-405562	08/25/76	9	12	12.1	-	-	7.8	131	-	6-2-7-4-6	-2-3-1-2	-4-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05
02	66.6850	160.1500	2	27	-	0-405563	08/25/76	9	13	12.3	-	-	8.1	114	-	9-2-7-6	-6-2-3-1	-2-4-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
02	66.7066	160.1366	2	27	-	0-405564	08/25/76	9	13	12.8	-	-	7.6	123	-	13-2-7-6	-6-2-3-1	-2-4-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11
02	66.7088	159.9817	2	29	-	0-405565	08/25/76	9	13	14.3	-	S	8.0	13	-	-2-7-6-6	- 3-1 -	-4-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.07
02	66.7208	159.3625	2	29	-	0-405566	08/25/76	9	13	14.5	-	S	7.6	23	-	-2-7-6-6	- 3-1 -	-4-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33
02	66.6900	159.3366	2	29	-	0-405567	08/25/76	9	14	14.8	-	S	7.5	26	-	-2-7-6-6	- 3-1 -	-4-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02
02	66.6777	159.2600	2	29	-	0-405568	08/25/76	9	16	14.7	-	S	7.7	40	-	-2-7-6-6	- 3-1 -	-1-2-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01
02	66.7166	159.2383	2	29	-	0-405569	08/25/76	9	16	15.2	-	S	7.8	33	-	-2-7-6-6	- 3-1 -	-1-2-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.09
02	66.7136	159.1333	2	29	-	0-405570	08/25/76	10	17	15.4	-	S	7.8	29	-	-2-7-6-6	- - 3-	-1-2-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.23
02	66.6850	159.1125	2	29	-	0-405571	08/25/76	10	17	14.8	-	S	7.8	39	-	-2-7-	- - -	-3-1 -	-1-2-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	1.32
02	66.6866	159.0533	2	29	-	0-405572	08/25/76	10	18	15.0	-	S	7.9	48	-	-2-7-6-6	- 3-1 -	-1-2-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03
02	66.7200	159.0316	2	29	-	0-405573	08/25/76	10	18	15.2	-	S	7.7	22	-	-2-7-	- - -	-3-1 -	-1-2-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.16
02	66.7297	158.9366	2	29	-	0-405574	08/25/76	10	18	15.1	-	S	6.7	14	-	-2-7-6-6	- 3-1 -	-1-2-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.20
02	66.7500	158.9400	2	29	-	0-405575	08/25/76	10	17	14.9	-	S	6.5	14	-	-2-7-6-6	- 3-1 -	-1-2-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.16

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples Analyzed by Fluorometry

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY — UNITS IN ppb
02-	66.7802-	158.9458-	2-29-			0-405576-	08/25/76-	10-	17-	15.0-		-S-	6.9-	30-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.02
02-	66.8166-	158.9358-	2-29-			0-405577-	08/25/76-	10-	17-	15.0-		-S-	7.5-	49-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.03
02-	66.8275-	158.8958-	2-29-			0-405578-	08/25/76-	10-	17-	15.2-		-S-	7.8-	41-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.03
02-	66.8097-	158.8875-	2-27-			0-405579-	08/25/76-	10-	17-	12.6-		-	8.0-	110-		-2-	7-	4-	6-	2-	3-	1-	2-	1-	2-	1-	-	-	-	-	0.10
02-	66.7888-	158.8986-	2-27-			0-405580-	08/25/76-	10-	17-	13.7-		-	7.9-	68-		-2-	7-	4-	6-	2-	3-	1-	2-	1-	2-	1-	-	-	-	-	0.21
02-	66.8038-	158.7950-	2-29-			0-405581-	08/25/76-	10-	17-	14.9-		-S-	6.9-	5-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.01
02-	66.7902-	158.8027-	2-29-			0-405582-	08/25/76-	10-	17-	15.1-		-S-	6.7-	14-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.01
02-	66.7972-	158.7041-	2-27-			0-405583-	08/25/76-	10-	17-	13.3-		-	7.5-	48-		-2-	7-	4-	6-	2-	3-	1-	2-	1-	2-	1-	-	-	-	-	0.09
02-	66.8077-	158.6568-	2-27-			0-405584-	08/25/76-	10-	17-	14.1-		-	6.9-	73-		-2-	7-	4-	6-	2-	3-	1-	2-	1-	2-	1-	-	-	-	-	0.01
02-	66.8138-	158.6033-	2-27-			0-405585-	08/25/76-	10-	17-	13.7-		-	8.2-	67-		-2-	7-	4-	6-	2-	2-	1-	2-	1-	2-	1-	-	-	-	-	0.52
02-	66.8361-	158.6433-	2-27-			0-405586-	08/25/76-	10-	17-	13.3-		-	8.8-	43-		-2-	7-	4-	6-	2-	3-	1-	2-	1-	2-	1-	-	-	-	-	0.23
02-	66.7805-	158.7159-	2-27-			0-405587-	08/25/76-	10-	17-	12.6-		-	8.1-	35-		3-	2-	7-	4-	6-	2-	3-	1-	2-	1-	2-	1-	-	-	-	-	0.04
02-	66.7505-	158.7209-	2-27-			0-405588-	08/25/76-	10-	17-	13.5-		-	7.3-	59-		9-	2-	7-	4-	6-	2-	3-	1-	2-	1-	2-	1-	-	-	-	-	0.17
02-	66.7527-	158.7805-	2-29-			0-405589-	08/25/76-	11-	17-	15.8-		-S-	7.5-	17-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.13
02-	66.7569-	158.9000-	2-29-			0-405590-	08/25/76-	11-	17-	15.0-		-S-	7.2-	28-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.07
02-	66.7205-	158.8734-	2-29-			0-405591-	08/25/76-	11-	17-	15.6-		-S-	7.3-	42-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.28
02-	66.7266-	158.8784-	2-29-			0-405592-	08/25/76-	11-	17-	16.0-		-S-	7.5-	35-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.01
02-	66.7258-	158.8125-	2-29-			0-405593-	08/25/76-	11-	17-	15.6-		-S-	7.7-	54-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.01
02-	66.7222-	158.8425-	2-29-			0-405594-	08/25/76-	11-	17-	15.9-		-S-	7.6-	11-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.01
02-	66.7155-	158.8533-	2-27-			0-405595-	08/25/76-	11-	17-	14.2-		-	8.5-	61-		13-	2-	7-	4-	6-	2-	3-	1-	2-	1-	2-	1-	-	-	-	-	0.12
02-	66.7200-	158.8894-	2-27-			0-405596-	08/25/76-	11-	18-	13.3-		-	7.8-	71-		9-	2-	7-	4-	6-	2-	3-	1-	2-	1-	2-	1-	-	-	-	-	0.05
02-	66.7433-	158.8000-	2-29-			0-405597-	08/25/76-	11-	18-	16.4-		-S-	7.6-	38-		-2-	7-	4-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.17
02-	66.7775-	158.8050-	2-29-			0-405598-	08/25/76-	11-	18-	16.0-		-S-	8.1-	60-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.54
02-	66.7808-	158.8658-	2-29-			0-405599-	08/25/76-	11-	18-	15.4-		-S-	8.4-	44-		-2-	7-	4-	6-	-3-	3-	-1-	2-	1-	1-	-1-	-	-	-	-	0.03
02-	66.7566-	158.8533-	2-29-			0-405600-	08/25/76-	11-	18-	15.8-		-S-	8.6-	51-		-2-	7-	6-	6-	-3-	2-	-1-	2-	1-	1-	-1-	-	-	-	-	0.04
02-	66.7597-	158.8444-	2-29-			0-406001-	08/25/76-	11-	18-	15.6-		-S-	8.2-	49-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.08
02-	66.7808-	158.8488-	2-29-			0-406002-	08/25/76-	11-	18-	15.5-		-S-	8.2-	25-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.07
02-	66.7733-	158.8133-	2-29-			0-406003-	08/25/76-	11-	18-	16.2-		-S-	9.9-	44-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.06
02-	66.7516-	158.8083-	2-29-			0-406004-	08/25/76-	11-	18-	16.1-		-S-	9.3-	24-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.04
02-	66.7500-	158.8833-	2-29-			0-406005-	08/25/76-	11-	18-	15.6-		-S-	8.4-	22-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.04
02-	66.7800-	158.8800-	2-29-			0-406006-	08/25/76-	11-	18-	15.4-		-S-	9.1-	63-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.02
02-	66.7816-	158.8561-	2-29-			0-406007-	08/25/76-	11-	18-	15.6-		-S-	8.9-	21-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.01
02-	66.7533-	158.8500-	2-29-			0-406008-	08/25/76-	11-	18-	15.9-		-S-	7.3-	9-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.25
02-	66.8058-	158.4961-	2-29-			0-406009-	08/25/76-	12-	18-	16.0-		-S-	7.2-	46-		-2-	7-	6-	6-	-3-	2-	-1-	2-	1-	1-	-1-	-	-	-	-	0.08
02-	66.8400-	158.5016-	2-29-			0-406010-	08/25/76-	12-	18-	15.4-		-S-	7.6-	2-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.20
02-	66.8688-	158.4438-	2-29-			0-406011-	08/25/76-	12-	18-	15.2-	C-	S-	7.0-	11-		-2-	7-	6-	6-	-3-	3-	-1-	2-	1-	1-	-1-	-	-	-	-	0.04
02-	66.8358-	158.4416-	2-29-			0-406012-	08/25/76-	12-	18-	15.4-		-S-	7.1-	51-		-2-	7-	6-	6-	-3-	2-	-1-	2-	1-	1-	-1-	-	-	-	-	0.05
02-	66.8133-	158.4433-	2-29-			0-406013-	08/25/76-	12-	18-	17.4-		-S-	7.9-	49-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.01
02-	66.7966-	158.3625-	2-29-			0-406014-	08/25/76-	12-	18-	15.9-		-S-	8.1-	90-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.02
02-	66.8108-	158.2988-	2-29-			0-406015-	08/25/76-	15-	18-	17.8-		-S-	10.0-	93-		-2-	7-	4-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.32
02-	66.8433-	158.2866-	2-29-			0-406016-	08/25/76-	15-	18-	15.5-		-S-	9.3-	112-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.17
02-	66.6936-	158.2833-	2-29-			0-406017-	08/25/76-	15-	18-	18.3-		-S-	9.2-	32-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.15
02-	66.6666-	158.3061-	2-29-			0-406018-	08/25/76-	15-	18-	16.7-		-S-	8.3-	38-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.30
02-	66.6705-	158.3466-	2-29-			0-406019-	08/25/76-	15-	18-	17.1-		-S-	8.2-	37-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.13
02-	66.6916-	158.3491-	2-29-			0-406020-	08/25/76-	15-	18-	16.4-		-S-	7.8-	27-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.26
02-	66.6966-	158.4500-	2-29-			0-406021-	08/25/76-	15-	18-	16.1-		-S-	7.2-	32-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	0.14
02-	66.6727-	158.4441-	2-29-			0-406022-	08/25/76-	15-	18-	16.4-		-S-	7.3-	8-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	2-	-1-	-	-	-	-	0.05
02-	66.6752-	158.4933-	2-29-			0-406023-	08/25/76-	15-	18-	16.0-		-S-	7.4-	82-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	2-	-1-	-	-	-	-	0.06
02-	66.6900-	158.5191-	2-29-			0-406024-	08/25/76-	15-	18-	16.6-		-S-	8.0-	30-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	2-	-1-	-	-	-	-	0.04
02-	66.6933-	158.5666-	2-29-			0-406025-	08/25/76-	15-	17-	16.1-		-S-	7.7-	47-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	2-	-1-	-	-	-	-	0.08
02-	66.6666-	158.5772-	2-29-			0-406026-	08/25/76-	15-	18-	17.2-		-S-	7.6-	69-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	2-	-1-	-	-	-	-	0.36

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples Analyzed by Fluorometry

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																						U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho/cm)	SCINTILLOMETER (±U, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY — UNITS IN ppb
02-66.3333-159.0083-2-29-						0-406027-08/26/76-	6-	10-14.8-	-S-	8.5-	17-	-2-7-	-	-	-3-1-	-1-2-1-2-	-1-	-	-	-	-	0.17											
02-66.3533-158.9283-2-29-						0-406028-08/26/76-	6-	10-14.8-	-S-	8.2-	24-	-2-7-5-6-			-3-1-	-1-2-1-2-	-1-	-	-	-	-	0.17											
02-66.3258-158.9488-2-29-						0-406029-08/26/76-	6-	10-14.6-	-S-	7.1-	19-	-2-7-	-	-	-3-1-	-4-4-2-3-	-1-	-	-	-	-	0.04											
02-66.2861-159.0125-2-29-						0-406030-08/26/76-	9-	10-14.5-	-S-	7.0-	26-	-2-7-5-7-			-3-1-	-4-4-2-2-	-1-	-	-	-	-	0.17											
02-66.2900-158.9433-2-29-						0-406032-08/26/76-	6-	10-14.0-	-S-	9.6-	127-	-2-7-5-8-			-3-1-	-4-4-2-2-	-1-	-	-	-	-	0.41											
02-66.2677-158.9300-2-29-						0-406033-08/26/76-	6-	10-13.9-	-S-	9.1-	44-	-2-7-6-8-			-3-1-	-4-4-2-2-	-1-	-	-	-	-	0.01											
02-66.2444-159.0638-2-29-						0-406034-08/26/76-	9-	10-14.1-	-S-	8.4-	62-	-2-7-5-6-			-3-1-	-4-4-2-2-	-1-	-	-	-	-	0.04											
02-66.1875-159.0041-2-29-						0-406035-08/26/76-	6-	10-13.8-	-S-	8.2-	55-	-2-7-5-7-			-3-1-	-4-4-2-2-	-1-	-	-	-	-	0.10											
02-66.2300-158.9505-2-29-						0-406036-08/26/76-	7-	10-13.9-	-S-	7.8-	43-	-2-7-6-7-			-3-1-	-4-4-2-2-	-1-	-	-	-	-	0.14											
02-66.2088-158.9408-2-29-						0-406037-08/26/76-	7-	10-14.1-	-S-	8.3-	48-	-2-7-6-8-			-3-1-	-4-4-2-2-	-1-	-	-	-	-	0.03											
02-66.2083-159.0591-2-29-						0-406038-08/26/76-	7-	10-14.2-	-S-	8.2-	66-	-2-7-5-8-			-3-1-	-4-4-2-2-	-1-	-	-	-	-	0.02											
02-66.1652-159.0491-2-29-						0-406039-08/26/76-	7-	10-12.3-	-S-	10.1-	124-	-2-7-5-6-			-3-1-	-4-4-2-2-	-1-	-	-	-	-	2.22											
02-66.1800-158.9391-2-29-						0-406040-08/22/76-	7-	11-12.6-	-S-	9.8-	97-	-2-7-5-7-			-3-1-	-4-4-2-2-	-1-	-	-	-	-	0.46											
02-66.1461-158.9666-2-29-						0-406041-08/26/76-	7-	8-14.2-	-S-	9.0-	49-	-2-7-6-8-			-3-1-	-4-4-2-2-	-1-	-	-	-	-	0.02											
02-66.1402-159.0027-2-29-						0-406042-08/22/76-	7-	7-14.0-	-S-	8.7-	61-	-2-7-5-8-			-3-1-	-4-4-2-2-	-1-	-	-	-	-	0.03											
02-66.1166-159.0069-2-29-						0-406043-08/26/76-	7-	9-10.8-	-S-	8.7-	72-	-2-7-5-6-			-3-1-	-4-4-2-2-	-1-	-	-	-	-	0.47											
02-66.1183-158.9533-2-29-						0-406044-08/22/76-	7-	8-10.9-	-S-	8.4-	107-	-2-7-6-6-			-3-1-	-4-4-2-2-	-1-	-	-	-	-	0.48											
02-66.0950-158.9461-2-27-						0-406045-08/26/76-	7-	8- 9.5-	-S-	8.3-	138-	-2-7-3-6-3-2-1-1-3-3-3-2-					-1-	-	-	-	-	0.17											
02-66.1366-159.0433-2-27-						0-406046-08/26/76-	7-	8- 9.0-	-S-	7.2-	114-	-2-7-5-6-3-2-1-1-3-3-3-2-					-1-	-	-	-	-	0.01											
02-66.0916-159.0133-2-27-						0-406047-08/26/76-	7-	8- 8.7-	-S-	8.3-	46-	-2-7-3-6-3-2-1-1-3-3-3-2-					-1-	-	-	-	-	0.41											
02-66.0441-158.9250-2-27-						0-406048-08/26/76-	7-	8- 9.4-	-	-	8.1-	112-	-2-7-3-6-3-2-1-1-3-3-3-2-					-1-	-	-	-	-	0.04											
02-66.0283-158.9408-2-27-						0-406049-08/26/76-	7-	9- 9.5-	-S-	7.4-	67-	-2-7-3-6-3-2-1-1-3-3-3-2-					-1-	-	-	-	-	0.09											
02-66.0416-159.0263-2-27-						0-406050-08/26/76-	7-	8- 8.9-	-S-	8.4-	44-	-2-7-3-6-3-2-1-1-3-3-3-2-					-1-	-	-	-	-	0.16											
02-66.0333-159.0500-2-27-						0-406051-08/26/76-	7-	9- 9.4-	-S-	8.4-	84-	-2-7-5-6-3-2-1-1-3-3-3-2-					-1-	-	-	-	-	0.17											
02-66.0058-158.9594-2-27-						0-406052-08/26/76-	7-	8- 9.2-	-S-	7.7-	92-	-2-7-5-6-3-2-1-1-3-3-3-2-					-1-	-	-	-	-	0.01											
02-66.0316-158.8833-2-27-						0-406053-08/26/76-	7-	8- 9.4-	-S-	8.4-	104-	-2-7-3-6-3-2-1-1-3-3-3-2-					-1-	-	-	-	-	0.03											
02-66.0250-158.7366-2-27-						0-406057-08/26/76-	7-	9- 9.4-	-	-	6.4-	44-	-2-7-6-6-2-2-1-1-3-3-4-2-					-1-	-	-	-	-	0.02											
02-66.0147-158.7291-2-27-						0-406058-08/26/76-	7-	10-10.4-	-	-	6.3-	22-	-2-7-5-6-2-2-1-1-3-3-4-2-					-1-	-	-	-	-	0.01											
02-66.0300-158.6550-2-27-						0-406060-08/26/76-	7-	8- 6.2-	-S-	8.5-	83-	-2-7-3-6-3-2-1-1-2-3-4-2-					-1-	-	-	-	-	0.21											
02-66.0266-158.5791-2-27-						0-406061-08/26/76-	7-	9- 7.1-	-	-	8.3-	107-	-2-7-3-6-3-2-1-1-1-3-4-2-					-1-	-	-	-	-	0.01											
02-66.0052-158.5783-2-27-						0-406062-08/26/76-	8-	9- 7.1-	-	-	7.9-	88-	3-2-7-5-6-3-2-1-1-1-3-4-2-					-1-	-	-	-	-	0.01											
02-66.0094-158.5261-2-27-						0-406063-08/26/76-	8-	10- 7.2-	-	-	7.2-	102-	6-2-7-5-6-3-2-1-1-1-3-4-2-					-1-	-	-	-	-	0.03											
02-66.0358-158.5058-2-27-						0-406064-08/26/76-	8-	9- 6.9-	-	-	8.3-	69-	-2-7-3-6-3-2-1-1-1-3-4-2-					-1-	-	-	-	-	0.05											
02-66.0483-158.5333-2-27-						0-406065-08/26/76-	8-	9- 6.8-	-	-	8.1-	101-	6-2-7-3-6-3-2-1-1-1-3-4-2-					-1-	-	-	-	-	0.01											
02-66.0533-158.4460-2-27-						0-406066-08/26/76-	8-	9- 6.9-	-	-	8.3-	43-	-2-7-3-6-3-2-1-1-1-4-4-2-					-1-	-	-	-	-	0.03											
02-66.0336-158.4600-2-27-						0-406067-08/26/76-	8-	9- 7.2-	-	-	8.2-	67-	9-2-7-3-6-3-2-1-1-3-4-4-2-					-1-	-	-	-	-	0.04											
02-66.0141-158.4583-2-27-						0-406068-08/26/76-	8-	9- 6.9-	-	-	7.9-	44-	-2-7-3-6-3-2-1-1-3-4-4-2-					-1-	-	-	-	-	0.05											
02-66.0250-158.3833-2-27-						0-406069-08/26/76-	8-	10- 6.2-	-	-	8.2-	102-	8-2-7-5-6-3-2-1-1-1-4-4-2-					-1-	-	-	-	-	0.06											
02-66.0027-158.3521-2-27-						0-406070-08/26/76-	8-	11- 5.2-	-S-	8.6-	148-	4-2-7-3-6-3-2-1-1-1-3-3-4-2-					-1-	-	-	-	-	0.04											
02-66.0225-158.2800-2-27-						0-406072-08/26/76-	8-	11-10.5-	-	-	7.8-	91-	4-2-7-3-6-3-2-1-1-2-3-4-2-					-1-	-	-	-	-	0.05											
02-66.0338-158.2533-2-27-						0-406073-08/26/76-	8-	12-10.7-	-	-	7.6-	112-	8-2-7-3-6-3-2-1-1-4-4-4-2-					-1-	-	-	-	-	0.07											
02-66.0500-158.2200-2-27-						0-406074-08/26/76-	8-	12-11.0-	-	-	7.4-	104-	2-2-7-5-6-3-2-1-1-4-4-4-2-					-1-	-	-	-	-	0.06											
02-66.0522-158.1791-2-27-						0-406075-08/26/76-	8-	12-10.5-	-	-	7.4-	99-	10-2-7-5-6-3-2-1-1-2-3-4-2-					-6-	-	-	-	-	0.06											
02-66.0400-158.1411-2-27-						0-406076-08/26/76-	8-	12-10.7-	-	-	7.0-	42-	8-2-7-5-6-3-2-1-1-2-3-4-2-					-1-	-	-	-	-	0.09											
02-66.0252-158.1100-2-27-						0-406077-08/26/76-	8-	12-13.2-	-	-	7.8-	87-	2-2-7-5-6-3-2-1-1-2-3-4-2-					-6-	-	-	-	-	0.14											
02-66.0150-158.1133-2-27-						0-406078-08/26/76-	8-	12-11.1-	-	-	7.3-	111-	15-2-7-3-6-3-2-1-1-4-4-3-2-					-1-	-	-	-	-	0.03											
02-66.0075-158.0933-2-29-						0-406079-08/26/76-	8-	14-14.1-	-S-	6.9-	7-	-2-7-5-8-			-3-1-	-2-2-3-2-	-1-	-	-	-	-	0.03											
02-66.0311-158.0322-2-29-						0-406080-08/26/76-	8-	14-14.4-	-S-	6.7-	14-	-2-7-6-7-			-3-1-	-1-2-3-2-	-1-	-	-	-	-	0.02											
02-66.0022-158.1700-2-29-						0-406081-08/26/76-	8-	14-13.9-	-S-	7.0-	12-	-2-7-5-6-			-2-1-	-4-4-3-2-	-1-	-	-	-	-	0.06											
02-66.0058-158.2233-2-29-						0-406082-08/26/76-	8-	14-14.3-	-S-	6.6-	20-	-2-7-5-7-			-3-1-	-2-3-3-2-	-1-	-	-	-	-	0.01											
02-66.3366-158.8566-2-29-						0-406083-08/26/76-10-		14-14.2-	-S-	7.8-	63-	-2-7-6-8-			-3-1-	-4-4-2-2-	-1-	-	-	-	-	0.01											

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples Analyzed by Fluorometry

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (μmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY UNITS IN ppb
02-	66.3422-	158.1791-2-29-				0-406084-	08/26/76-	10-	14-	14.2-		-S-	7.4-	77-		-2-	7-	5-	8-	-3-	1-		4-	4-	2-	2-	-1-	-	-	-	-	0.06
02-	66.3086-	158.8603-2-29-				0-406086-	08/26/76-	11-	14-	14.2-		-S-	7.3-	107-		-2-	7-	5-	7-	-3-	1-		-2-	2-	2-	2-	-1-	-	-	-	-	0.09
02-	66.2958-	158.8500-2-29-				0-406087-	08/26/76-	11-	13-	14.8-		-S-	7.9-	106-		-2-	7-	5-	6-	-3-	3-		-3-	3-	2-	2-	-1-	-	-	-	-	0.03
02-	66.2833-	158.8141-2-29-				0-406088-	08/26/76-	11-	13-	14.6-		-S-	8.1-	87-		-2-	7-	6-	6-	-3-	3-		-3-	3-	2-	2-	-1-	-	-	-	-	0.05
02-	66.2722-	158.7819-2-29-				0-406089-	08/26/76-	11-	14-	12.0-		-	-	6.3-	61-		4-	2-	7-	3-	6-	3-	2-	1-	1-	3-	3-	3-	2-	-1-	-	-	-	0.02
02-	66.2377-	158.7736-2-27-				0-406090-	08/26/76-	11-	14-	12.4-		-	-	6.8-	114-		15-	2-	7-	3-	6-	3-	2-	1-	1-	3-	3-	3-	2-	-1-	-	-	-	0.03
02-	66.2238-	158.8800-2-29-				0-406092-	08/26/76-	11-	13-	14.5-		-S-	9.8-	294-		-2-	7-	5-	8-	-3-	1-		-2-	2-	2-	2-	-1-	-	-	-	-	0.04
02-	66.1936-	158.8800-2-29-				0-406093-	08/26/76-	11-	13-	14.0-		-S-	8.9-	197-		-2-	7-	6-	8-	-3-	1-		-4-	4-	2-	2-	-1-	-	-	-	-	0.05
02-	66.1922-	158.8066-2-27-				0-406094-	08/26/76-	11-	13-	10.4-		-	-	6.9-	114-		4-	2-	7-	5-	6-	3-	2-	1-	1-	3-	3-	3-	2-	-1-	-	-	-	0.04
02-	66.1800-	158.8660-2-27-				0-406095-	08/26/76-	11-	14-	10.3-		-	-	6.4-	76-		2-	2-	7-	3-	6-	3-	2-	1-	1-	1-	3-	2-	2-	-1-	-	-	-	0.15
02-	66.1711-	158.8058-2-27-				0-406096-	08/26/76-	11-	13-	9.9-		-	-	6.7-	24-		4-	2-	7-	3-	6-	2-	2-	1-	1-	4-	4-	2-	2-	-1-	-	-	-	0.03
02-	66.1722-	158.7444-2-27-				0-406097-	08/26/76-	11-	14-	12.2-		-	-	7.4-	102-		10-	2-	7-	3-	6-	3-	2-	1-	1-	3-	3-	3-	2-	-1-	-	-	-	0.04
02-	66.1400-	158.7416-2-27-				0-406098-	08/26/76-	11-	13-	12.2-		-	-	7.7-	90-		15-	2-	7-	5-	6-	3-	2-	1-	1-	2-	2-	2-	2-	-1-	-	-	-	0.02
02-	66.1427-	158.7991-2-27-				0-406099-	08/26/76-	11-	14-	11.7-		-	-	8.1-	97-		4-	2-	7-	5-	6-	2-	3-	1-	1-	3-	3-	3-	2-	-1-	-	-	-	0.08
02-	66.1458-	158.8675-2-27-				0-406100-	08/26/76-	11-	14-	14.2-		-	-	6.9-	24-		4-	2-	7-	5-	8-	1-	3-	3-	1-	3-	3-	2-	2-	-1-	-	-	-	0.04
02-	66.1283-	158.8660-2-27-				0-406101-	08/26/76-	11-	14-	14.4-		-	-	6.5-	47-		4-	2-	7-	6-	6-	1-	3-	3-	1-	3-	3-	2-	2-	-1-	-	-	-	0.01
02-	66.1116-	158.7910-2-27-				0-406102-	08/26/76-	11-	14-	12.9-		-	-	7.4-	27-		15-	2-	7-	3-	6-	3-	2-	1-	1-	3-	3-	2-	2-	-1-	-	-	-	0.01
02-	66.0838-	158.8191-2-27-				0-406103-	08/26/76-	11-	14-	13.1-		-	-	7.7-	112-		4-	2-	7-	3-	6-	3-	2-	1-	1-	3-	3-	2-	2-	-1-	-	-	-	0.02
02-	66.0733-	158.8675-2-27-				0-406104-	08/26/76-	11-	14-	11.9-		-	-	7.4-	97-		4-	2-	7-	3-	6-	3-	2-	1-	1-	3-	3-	2-	2-	-1-	-	-	-	0.01
02-	66.0597-	158.8347-2-27-				0-406105-	08/26/76-	11-	14-	12.2-		-	-	7.4-	111-		2-	2-	7-	3-	6-	3-	2-	1-	1-	3-	3-	2-	2-	-1-	-	-	-	0.01
02-	66.0583-	158.7666-2-27-				0-406106-	08/26/76-	11-	14-	12.2-		-	-	7.2-	74-		8-	2-	7-	3-	6-	3-	2-	1-	1-	4-	4-	3-	2-	-1-	-	-	-	0.01
02-	66.0605-	158.7250-2-27-				0-406107-	08/26/76-	11-	13-	9.5-		-	-	7.4-	24-		4-	2-	7-	3-	6-	3-	2-	1-	1-	4-	4-	3-	2-	-1-	-	-	-	0.02
02-	66.1133-	158.7191-2-27-				0-406109-	08/26/76-	11-	12-	9.7-		-	-	8.2-	42-		4-	2-	7-	3-	6-	3-	2-	1-	1-	4-	4-	3-	2-	-1-	-	-	-	0.08
02-	66.0933-	158.6750-2-27-				0-406110-	08/26/76-	11-	13-	9.4-		-	-	8.2-	88-		10-	2-	7-	4-	6-	3-	2-	1-	1-	4-	4-	3-	2-	-1-	-	-	-	0.01
02-	66.1066-	158.6333-2-27-				0-406111-	08/26/76-	11-	14-	9.7-		-	-	7.9-	42-		2-	2-	7-	4-	7-	3-	2-	1-	1-	4-	4-	3-	2-	-1-	-	-	-	0.02
02-	66.1208-	158.5861-2-27-				0-406112-	08/26/76-	12-	16-	10.2-		-	-	7.5-	43-		4-	2-	7-	3-	6-	3-	2-	1-	1-	3-	3-	3-	2-	-1-	-	-	-	0.01
02-	66.0961-	158.6133-2-27-				0-406113-	08/26/76-	12-	15-	9.7-		-	-	7.9-	37-		4-	2-	7-	3-	6-	3-	2-	1-	1-	3-	3-	3-	2-	-1-	-	-	-	0.50
02-	66.0466-	158.5933-2-27-				0-406114-	08/26/76-	12-	15-	10.7-		-	-	6.9-	32-		3-	2-	7-	3-	6-	3-	2-	1-	1-	3-	3-	3-	2-	-1-	-	-	-	0.40
02-	66.0480-	158.6400-2-27-				0-406115-	08/26/76-	12-	16-	11.7-		-	-	6.3-	21-		4-	2-	7-	3-	6-	2-	2-	1-	1-	3-	3-	3-	2-	-1-	-	-	-	0.02
02-	66.0833-	158.5058-2-27-				0-406116-	08/26/76-	12-	14-	9.4-		-	-	6.9-	63-		4-	2-	7-	3-	6-	3-	2-	1-	1-	3-	3-	3-	2-	-1-	-	-	-	0.25
02-	66.1061-	158.4900-2-27-				0-406117-	08/26/76-	12-	15-	11.7-		-	-	6.9-	121-		4-	2-	7-	3-	6-	3-	2-	1-	1-	3-	3-	3-	2-	-1-	-	-	-	0.01
02-	66.1125-	158.4708-2-27-				0-406118-	08/26/76-	12-	14-	10.4-		-	-	7.2-	27-		4-	2-	7-	5-	6-	3-	2-	1-	1-	3-	3-	3-	2-	-1-	-	-	-	0.05
02-	66.0933-	158.4433-2-27-				0-406119-	08/26/76-	12-	13-	9.5-		-	-	6.4-	44-		10-	2-	7-	3-	6-	3-	2-	1-	1-	3-	3-	3-	2-	-1-	-	-	-	0.05
02-	66.0638-	158.3458-2-27-				0-406120-	08/26/76-	12-	14-	10.3-		-	-	7.2-	22-		8-	2-	7-	5-	6-	3-	2-	1-	1-	3-	3-	3-	2-	-1-	-	-	-	0.01
02-	66.0766-	158.3858-2-27-				0-406121-	08/26/76-	12-	13-	10.4-		-	-	7.1-	34-		2-	2-	7-	3-	6-	3-	2-	1-	1-	3-	3-	3-	2-	-1-	-	-	-	0.01
02-	66.1225-	158.3500-2-27-				0-406122-	08/26/76-	12-	15-	9.4-		-	-	8.8-	87-		15-	2-	7-	5-	6-	3-	2-	1-	1-	1-	4-	3-	2-	-1-	-	-	-	0.03
02-	66.1069-	158.3275-2-27-				0-406123-	08/26/76-	12-	15-	9.5-		-	-	8.4-	110-		8-	2-	7-	3-	6-	3-	2-	1-	1-	2-	4-	3-	2-	-1-	-	-	-	0.02
02-	66.0900-	158.2861-2-27-				0-406124-	08/26/76-	12-	16-	10.1-		-	-	8.4-	96-		2-	2-	7-	3-	6-	3-	2-	1-	1-	2-	3-	3-	2-	-1-	-	-	-	0.20
02-	66.1166-	158.2458-2-27-				0-406125-	08/26/76-	12-	15-	9.6-		-	-	7.9-	47-		6-	2-	7-	5-	6-	3-	2-	1-	1-	2-	4-	3-	2-	-1-	-	-	-	0.01
02-	66.0891-	158.2466-2-27-				0-406126-	08/26/76-	12-	16-	9.4-		-	-	8.3-	142-		17-	2-	7-	3-	6-	3-	2-	1-	1-	2-	3-	3-	2-	-1-	-	-	-	0.01
02-	66.0488-	158.0883-2-29-				0-406127-	08/26/76-	12-	18-	14.3-		-S-	7.2-	24-		-2-	7-	5-	7-	-3-	1-		-4-	4-	3-	2-	-1-	-	-	-	-	0.01
02-	66.6466-	158.6066-2-27-				0-406128-	08/26/76-	16-	17-	13.7-		-	-	6.3-	24-		4-	2-	7-	6-	8-	2-	3-	3-	2-	4-	4-	2-	2-	-1-	-	-	-	0.01
02-	66.6105-	158.5833-2-27-				0-406129-	08/26/76-	16-	17-	12.4-		-	-	6.7-	19-		15-	2-	7-	5-	8-	2-	3-	3-	1-	3-	3-	2-	2-	-1-	-	-	-	0.03
02-	66.5866-	158.5608-2-29-				0-406130-	08/26/76-	16-	17-	16.8-		-S-	7.0-	14-		-2-	7-	-	-	-3-	1-		-3-	3-	2-	2-	-1-	-	-	-	-	0.03
02-	66.6402-	158.5000-2-27-				0-406131-	08/26/76-	16-	16-	12.6-		-	-	6.7-	21-		10-	2-	7-	5-	6-	2-	2-	1-	1-	4-	4-	2-	2-	-1-	-	-	-	0.22
02-	66.6077-	158.5050-2-27-				0-406132-	08/26/76-	16-	16-	13.6-		-	-	7.1-	42-		4-	2-	7-	5-	6-	2-	2-	1-	1-	4-	4-	2-	2-	-1-	-	-	-	0.16
02-	66.5825-	158.5058-2-27-				0-406133-	08/26/76-	16-	16-	12.7-		-	-	6.7-	12-		2-	2-	7-	5-	8-	2-	2-	1-	1-	4-	4-	2-	2-	-1-	-	-	-	0.16
02-	66.6141-	158.4333-2-27-				0-406134-	08/26/76-	16-	16-	12.7-		-	-	6.3-	21-		2-	2-	7-	5-	6-	2-	2-	1-	1-	4-	4-	2-	2-	-1-	-	-	-	0.06
02-	66.6366-	158.4358-2-27-				0-406135-	08/26/76-	16-	16-	11.9-		-	-	6.9-	32-		8-	2-	7-	-	-	2-	2-	1-	1-	4-	4-	2-	2-	-1-	-	-	-	0.04
02-	66.6472-	158.3930-2-27-				0-406136-	08/26/76-	16-	17-	11.3-		-	-	7.1-	16-		4-	2-	7-	5-	6-	3-	2-	1-	1-	4-	4-	2-	2-	-1-	-	-	-	0.04
02-	66.6075-	158.3558-2-27-				0-406137-	08/26/76-	16-	16-	10.2-		-	-	6.7-	23-		4-	2-	7-	5-	8-	3-	2-	1-	1-	4-	4-	2-	2-	-1-	-	-	-	0.01

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples Analyzed by Fluorometry

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY UNITS IN ppb
02	66.6333	158.2925	2	2	7	0-406138	08/26/76	16	16	11.0	-	-	7.0	32	10	2	7	6	8	2	2	1	1	3	3	2	2	-	1	-	-	-	-	0.03
02	66.6100	158.2833	2	2	7	0-406139	08/26/76	16	17	9.7	-	-	6.4	21	4	2	7	5	6	2	2	1	1	3	3	2	2	-	1	-	-	-	-	0.01
02	66.5566	158.2966	2	2	7	0-406140	08/26/76	16	18	13.4	-	-	5.2	23	10	2	7	5	6	2	2	5	1	4	4	2	2	-	1	-	-	-	-	0.02
02	66.5250	158.2988	2	2	7	0-406141	08/26/76	16	18	13.1	-	-	5.9	27	4	2	7	6	6	1	2	3	1	4	4	2	2	-	1	-	-	-	-	0.01
02	66.5791	158.2800	2	2	7	0-406142	08/26/76	16	18	13.7	-	-	6.4	27	15	2	7	-	-	1	2	5	1	4	4	2	2	-	1	-	-	-	-	0.01
02	66.5400	158.3458	2	2	7	0-406143	08/26/76	16	18	12.9	-	-	6.4	14	2	2	7	6	6	1	2	5	1	4	4	2	2	-	1	-	-	-	-	0.02
02	66.5202	158.3766	2	2	7	0-406144	08/26/76	16	18	13.1	-	-	7.0	37	4	2	7	3	6	1	2	5	1	4	4	2	2	-	1	-	-	-	-	0.01
02	66.5225	158.4408	2	2	7	0-406145	08/26/76	16	18	10.4	-	-	7.4	27	0	2	7	5	6	2	2	1	1	4	4	2	2	-	1	-	-	-	-	0.02
02	66.5500	158.4433	2	2	7	0-406146	08/26/76	16	18	9.9	-	-	7.3	44	2	2	7	3	6	2	2	1	1	4	4	2	2	-	1	-	-	-	-	0.03
02	66.5791	158.4458	2	2	7	0-406147	08/26/76	17	18	11.3	-	-	7.4	21	2	2	7	5	6	2	2	1	1	4	4	2	2	-	1	-	-	-	-	0.03
02	66.5805	158.3841	2	2	7	0-406148	08/26/76	17	18	11.3	-	-	7.7	31	10	2	7	5	6	2	2	1	1	4	4	2	2	-	1	-	-	-	-	0.04
02	66.5372	158.5277	2	2	9	0-406149	08/26/76	17	19	16.4	-	S	7.3	15	-	2	7	-	-	-	3	1	-	4	4	2	2	-	1	-	-	-	-	0.03
02	66.5252	158.4916	2	2	7	0-406150	08/26/76	17	19	12.7	-	-	7.1	21	10	2	7	5	6	2	2	1	1	3	4	2	2	-	1	-	-	-	-	0.02
02	66.5416	158.5927	2	2	9	0-406151	08/26/76	17	19	16.6	-	S	6.0	17	-	2	7	4	6	-	3	1	-	4	3	1	2	-	1	-	-	-	-	0.02
02	66.5258	158.5925	2	2	7	0-406152	08/26/76	17	19	16.5	-	-	7.3	118	2	2	7	4	6	3	2	1	1	1	3	2	2	-	1	-	-	-	-	0.01
02	66.5000	158.5933	2	2	7	0-406153	08/26/76	17	20	15.7	-	-	7.1	142	2	2	7	4	6	3	2	1	1	1	2	2	2	-	1	-	-	-	-	0.17
02	66.4641	158.5791	2	2	7	0-406154	08/26/76	17	19	14.2	-	-	7.6	87	2	2	7	5	6	3	2	1	1	4	4	2	2	-	1	-	-	-	-	0.08
02	66.4675	158.5280	2	2	7	0-406155	08/26/76	17	19	14.9	-	-	7.3	42	10	2	7	3	6	3	2	1	1	4	4	2	2	-	1	-	-	-	-	0.20
02	66.4825	158.5005	2	2	7	0-406156	08/26/76	17	19	12.7	-	-	8.0	121	2	2	7	3	6	3	2	1	1	2	3	2	2	-	1	-	-	-	-	0.33
02	66.4922	158.4466	2	2	7	0-406157	08/26/76	17	19	14.6	-	-	7.7	47	10	2	7	4	6	3	2	1	1	1	4	2	2	-	1	-	-	-	-	0.03
02	66.4616	158.4466	2	2	7	0-406158	08/26/76	17	21	14.9	-	-	7.9	66	8	2	7	4	6	3	2	1	1	4	4	2	2	-	1	-	-	-	-	0.01
02	66.4933	158.3700	2	2	7	0-406159	08/26/76	17	20	14.3	-	-	7.4	127	15	2	7	5	6	3	2	1	1	3	3	2	2	-	1	-	-	-	-	0.04
02	66.4894	158.4941	2	2	7	0-406160	08/26/76	17	21	13.7	-	-	8.1	41	0	2	7	3	6	3	2	1	1	2	4	2	2	-	1	-	-	-	-	0.07
02	66.4672	158.3666	2	2	7	0-406161	08/26/76	17	21	13.7	-	-	7.7	147	2	2	7	-	-	3	2	1	1	4	4	2	2	-	1	-	-	-	-	0.03
02	66.4558	158.3152	2	2	7	0-406162	08/26/76	17	20	14.2	-	-	7.2	21	4	2	7	3	6	3	2	1	1	2	4	2	2	-	1	-	-	-	-	0.01
02	66.4350	158.2858	2	2	7	0-406163	08/26/76	17	20	13.2	-	-	7.2	21	4	2	7	3	6	3	2	1	1	4	4	2	2	-	1	-	-	-	-	0.15
02	66.4258	158.3550	2	2	7	0-406164	08/26/76	17	20	13.9	-	-	7.7	77	10	2	7	3	6	3	2	1	1	2	4	2	2	-	1	-	-	-	-	0.01
02	66.4244	158.4200	2	2	7	0-406165	08/26/76	17	21	14.2	-	-	7.2	21	4	2	7	3	6	3	2	1	1	2	4	2	2	-	1	-	-	-	-	0.01
02	66.3508	158.2750	2	2	7	0-406166	08/26/76	17	21	14.1	-	-	8.1	101	2	2	7	3	6	3	2	1	1	3	4	2	2	-	1	-	-	-	-	0.15
02	66.4341	158.5083	2	2	9	0-406167	08/26/76	17	20	16.4	-	S	8.4	34	-	2	7	3	8	-	3	1	-	4	4	2	2	-	1	-	-	-	-	0.01
02	66.4258	158.5800	2	2	9	0-406168	08/26/76	17	20	15.9	-	S	8.2	47	-	2	7	6	8	-	3	1	-	4	4	2	2	-	1	-	-	-	-	0.01
02	66.3422	158.0858	2	2	9	0-406169	08/26/76	17	20	16.4	-	S	7.8	31	-	2	7	3	7	-	3	1	-	4	4	2	2	-	1	-	-	-	-	0.01
02	66.3200	158.0725	2	2	9	0-406170	08/26/76	17	21	16.0	-	S	8.1	20	-	2	7	6	8	-	3	1	-	4	4	2	2	-	1	-	-	-	-	0.04
02	66.2938	158.0758	2	2	7	0-406171	08/26/76	17	20	16.2	-	-	7.7	24	10	2	7	5	6	2	2	1	1	4	4	2	2	-	1	-	-	-	-	0.01
02	66.3244	158.1391	2	2	7	0-406172	08/26/76	17	21	16.2	-	-	6.7	12	4	2	7	5	6	2	2	1	1	4	4	2	2	-	1	-	-	-	-	0.01
02	66.3383	158.1525	2	2	7	0-406173	08/26/76	17	20	15.9	-	-	7.1	34	21	2	7	3	6	3	2	1	1	4	4	2	2	-	1	-	-	-	-	0.01
02	66.2938	158.1361	2	2	9	0-406174	08/26/76	18	20	15.8	-	S	7.4	14	-	2	7	5	6	-	3	1	-	4	4	2	2	-	1	-	-	-	-	0.01
02	66.2386	158.1516	2	2	7	0-406175	08/26/76	18	19	15.2	-	-	7.2	122	8	2	7	5	6	3	2	1	1	1	3	2	2	-	1	-	-	-	-	0.16
02	66.2500	158.1583	2	2	7	0-406176	08/26/76	18	19	15.2	-	-	7.2	21	15	2	7	4	6	3	2	1	1	4	4	3	2	-	1	-	-	-	-	0.04
02	66.2891	158.2166	2	2	7	0-406177	08/26/76	18	19	14.9	-	-	6.9	14	2	2	7	5	6	2	2	1	1	2	2	3	2	-	1	-	-	-	-	0.26
02	66.3166	158.2338	2	2	7	0-406178	08/26/76	18	19	15.5	-	-	7.0	32	8	2	7	5	6	3	2	1	1	2	3	3	2	-	1	-	-	-	-	0.17
02	66.3400	158.2583	2	2	7	0-406179	08/26/76	18	19	15.0	-	-	7.0	41	0	2	7	3	6	3	2	1	1	4	4	3	2	-	1	-	-	-	-	0.18
02	66.2550	158.0822	2	2	7	0-406180	08/26/76	18	19	14.9	-	-	6.9	27	4	2	7	5	6	2	2	1	1	3	3	3	2	-	1	-	-	-	-	1.03
02	66.2233	158.0733	2	2	7	0-406181	08/26/76	18	17	14.7	-	-	6.9	22	4	2	7	3	6	3	2	1	1	4	4	3	2	-	1	-	-	-	-	0.19
02	66.2127	158.1069	2	2	7	0-406182	08/26/76	18	17	15.0	-	-	7.2	42	10	2	7	5	6	2	2	1	1	4	4	3	2	-	1	-	-	-	-	0.07
02	66.2016	158.1333	2	2	7	0-406183	08/26/76	18	17	13.9	-	-	7.0	19	10	2	7	4	6	3	2	1	1	3	3	3	2	-	1	-	-	-	-	0.09
02	66.1991	158.2000	2	2	7	0-406184	08/26/76	18	16	11.3	-	-	8.1	168	2	2	7	3	6	3	2	1	1	3	3	3	2	-	1	-	-	-	-	0.05
02	66.1766	158.1675	2	2	7	0-406185	08/26/76	18	16	11.5	-	-	8.3	150	15	2	7	-	-	3	2	1	1	3	3	3	2	-	1	-	-	-	-	0.12
02	66.1666	158.2033	2	2	7	0-406186	08/26/76	18	16	11.9	-	-	7.9	142	10	2	7	5	6	3	2	1	1	3	3	3	2	-	1	-	-	-	-	0.16
02	66.1600	158.2191	2	2	7	0-406187	08/26/76	18	15	9.6	-	-	7.9	121	10	2	7	4	6	3	2	1	1	2	3	3	2	-	1	-	-	-	-	0.01
02	66.1433	158.1725	2	2	7	0-406188	08/26/76	18	15	10.4	-	-	8.2	49	10	2	7	3	6	3	2	1	1	2	4	3	2	-	1	-	-	-	-	0.01

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples Analyzed by Fluorometry

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY UNITS IN ppb
02	66.1733	158.0766	2	2	7	0-406189	08/26/76	18	15	10.3	-	-	7.3	27	10	2	7	3	6	3	2	1	1	3	4	3	2	-	1	-	-	-	-	0.02
02	66.1333	158.0900	2	2	7	0-406190	08/26/76	18	15	10.7	-	-	8.1	27	4	2	7	3	6	3	2	1	1	4	4	3	2	-	1	-	-	-	-	0.08
02	66.1200	158.1138	2	2	7	0-406191	08/26/76	18	15	11.4	-	-	6.9	24	2	2	7	5	6	3	2	1	1	2	3	3	2	-	1	-	-	-	-	0.25
02	66.1077	158.1416	2	2	7	0-406192	08/26/76	18	15	11.7	-	-	8.1	121	4	2	7	3	6	3	2	1	1	1	4	3	2	-	1	-	-	-	-	0.09
02	66.0925	158.1633	2	2	7	0-406193	08/26/76	18	15	11.2	-	-	8.2	24	2	2	7	4	6	3	2	1	1	1	4	3	2	-	1	-	-	-	-	0.20
02	66.0883	158.0625	2	2	7	0-406194	08/26/76	18	15	9.9	-	-	7.9	49	4	2	7	4	6	3	2	1	1	2	4	3	2	-	1	-	-	-	-	0.35
02	66.1566	158.1333	2	2	7	0-406195	08/26/76	18	14	10.9	-	-	8.1	101	2	2	7	4	6	3	2	1	1	2	3	3	2	-	1	-	-	-	-	0.08
02	66.1400	158.2900	2	2	9	0-406196	08/26/76	19	16	16.3	-	S	6.4	8	-	2	7	5	8	-	3	1	-	1	3	2	2	-	1	-	-	-	-	0.01
02	66.1455	158.3391	2	2	7	0-406197	08/26/76	19	14	9.2	-	-	8.1	22	1	2	7	3	6	3	2	1	1	1	4	3	2	-	1	-	-	-	-	0.15
02	66.1750	158.3004	2	2	7	0-406198	08/26/76	19	14	10.3	-	-	7.9	14	0	2	7	4	6	3	2	1	1	2	3	3	2	-	1	-	-	-	-	0.25
02	66.1944	158.2638	2	2	7	0-406199	08/26/76	19	15	9.9	-	-	8.2	47	8	2	7	5	6	3	2	1	1	3	3	3	2	-	1	-	-	-	-	0.34
02	66.1633	158.3525	2	2	7	0-406200	08/26/76	19	14	10.2	-	-	7.7	27	15	2	7	3	6	3	2	1	1	2	4	3	2	-	1	-	-	-	-	0.03
02	66.1738	158.4183	2	2	7	0-406201	08/26/76	19	14	11.0	-	-	8.1	124	2	2	7	3	6	3	2	1	1	2	4	3	2	-	1	-	-	-	-	0.03
02	66.1916	158.4405	2	2	7	0-406202	08/26/76	19	14	11.2	-	-	7.1	21	10	2	7	3	6	3	2	1	1	2	4	3	2	-	1	-	-	-	-	0.01
02	66.1486	158.4641	2	2	7	0-406203	08/26/76	19	15	10.4	-	-	8.3	114	10	2	7	5	6	3	2	1	1	3	4	3	2	-	1	-	-	-	-	0.16
02	66.1386	158.5041	2	2	7	0-406204	08/26/76	19	13	10.2	-	-	8.1	34	4	2	7	3	6	3	2	1	1	1	3	3	2	-	1	-	-	-	-	0.16
02	66.1680	158.5238	2	2	7	0-406205	08/26/76	19	14	9.9	-	-	7.5	25	15	2	7	5	6	3	2	1	1	4	4	3	2	-	1	-	-	-	-	0.04
02	66.1588	158.5841	2	2	7	0-406206	08/26/76	19	12	9.7	-	-	7.7	127	15	2	7	5	6	2	2	1	1	1	3	3	2	-	1	-	-	-	-	0.16
02	66.1391	158.6133	2	2	7	0-406207	08/26/76	19	13	10.2	-	-	8.2	122	4	2	7	5	6	3	2	1	1	4	4	3	2	-	1	-	-	-	-	0.01
02	66.1438	158.6583	2	2	7	0-406208	08/26/76	19	13	11.0	-	-	8.2	22	8	2	7	5	6	3	2	1	1	2	3	3	2	-	1	-	-	-	-	0.01
02	66.1791	158.6347	2	2	7	0-406209	08/26/76	19	13	12.2	-	-	7.7	14	10	2	7	5	6	3	2	1	1	1	3	3	2	-	1	-	-	-	-	0.16
02	66.3566	158.7175	2	2	9	0-406210	08/27/76	10	13	15.0	-	S	7.9	64	-	2	7	6	8	-	3	1	-	4	4	2	2	-	1	-	-	-	-	0.02
02	66.3491	158.6633	2	2	9	0-406211	08/27/76	10	14	14.5	-	S	9.1	62	-	2	7	5	7	-	3	2	-	4	4	2	2	-	1	-	-	-	-	0.01
02	66.3358	158.6033	2	2	7	0-406212	08/27/76	10	14	13.2	-	-	6.3	60	10	2	7	5	6	3	2	1	1	3	4	2	2	-	1	-	-	-	-	0.09
02	66.3350	158.5291	2	2	7	0-406213	08/27/76	10	18	12.3	-	-	6.1	57	4	2	7	5	6	3	2	1	1	3	4	2	2	-	1	-	-	-	-	0.17
02	66.3222	158.7226	2	2	7	0-406214	08/27/76	10	18	13.4	-	-	7.9	160	10	2	7	3	6	3	2	1	1	1	4	2	2	-	1	-	-	-	-	0.10
02	66.3150	158.6525	2	2	7	0-406215	08/27/76	10	18	14.0	-	-	7.9	211	0	2	7	4	6	3	2	1	1	4	4	2	2	-	1	-	-	-	-	0.29
02	66.3116	158.6433	2	2	7	0-406216	08/27/76	10	18	13.2	-	-	8.2	147	15	2	7	5	6	3	2	1	1	1	3	2	2	-	1	-	-	-	-	0.02
02	66.3044	158.5266	2	2	7	0-406217	08/27/76	10	18	13.2	-	-	7.7	94	4	2	7	3	6	3	2	1	1	4	4	2	2	-	1	-	-	-	-	0.18
02	66.2927	158.5016	2	2	7	0-406218	08/27/76	10	18	14.1	-	-	8.1	81	8	2	7	5	6	3	2	1	1	2	3	2	2	-	1	-	-	-	-	0.01
02	66.3066	158.4633	2	2	7	0-406219	08/27/76	10	18	13.7	-	-	7.7	142	8	2	7	4	7	3	2	1	1	3	3	2	2	-	1	-	-	-	-	0.02
02	66.2916	158.4250	2	2	7	0-406220	08/27/76	10	18	13.4	-	-	7.4	194	8	2	7	3	6	3	2	1	1	1	3	2	2	-	1	-	-	-	-	0.53
02	66.2800	158.3725	2	2	7	0-406221	08/27/76	10	18	13.4	-	-	7.9	99	2	2	7	3	6	3	2	1	1	1	3	2	2	-	1	-	-	-	-	0.26
02	66.2650	158.3466	2	2	7	0-406222	08/27/76	10	17	13.7	-	-	8.2	141	2	2	7	4	6	3	2	1	1	4	4	2	2	-	1	-	-	-	-	1.37
02	66.2516	158.3033	2	2	7	0-406223	08/27/76	10	18	14.0	-	-	7.4	124	10	2	7	5	6	3	2	1	1	1	3	2	2	-	1	-	-	-	-	0.38
02	66.2466	158.2000	2	2	7	0-406224	08/27/76	10	18	12.8	-	-	8.5	213	4	2	7	5	6	3	3	1	1	4	4	2	2	-	1	-	-	-	-	0.32
02	66.2358	158.2200	2	2	7	0-406225	08/27/76	10	18	14.2	-	-	8.0	37	2	2	7	3	6	3	2	1	1	3	3	2	2	-	1	-	-	-	-	0.02
02	66.2308	158.2766	2	2	7	0-406226	08/27/76	10	18	13.7	-	-	7.4	127	10	2	7	5	6	3	2	1	1	3	4	2	2	-	1	-	-	-	-	0.10
02	66.1972	158.3541	2	2	7	0-406227	08/27/76	10	18	13.8	-	-	8.1	112	17	2	7	3	6	3	2	1	1	1	3	2	2	-	1	-	-	-	-	0.01
02	66.2255	158.3750	2	2	7	0-406228	08/27/76	10	18	14.0	-	-	8.0	124	4	2	7	3	6	3	2	1	1	1	4	2	2	-	1	-	-	-	-	0.15
02	66.2194	158.4166	2	2	7	0-406229	08/27/76	10	18	13.7	-	-	8.2	114	4	2	7	5	6	3	2	1	1	3	4	2	2	-	1	-	-	-	-	0.03
02	66.2650	158.4250	2	2	7	0-406230	08/27/76	10	18	12.6	-	-	7.6	77	8	2	7	5	6	3	2	1	1	4	4	2	2	-	1	-	-	-	-	0.07
02	66.2666	158.5041	2	2	7	0-406231	08/27/76	10	17	14.2	-	-	8.4	214	4	2	7	5	6	3	2	1	1	1	3	2	2	-	1	-	-	-	-	0.08
02	66.2758	158.5597	2	2	7	0-406232	08/27/76	10	18	12.9	-	-	8.1	111	8	2	7	5	6	3	2	1	1	3	4	2	2	-	1	-	-	-	-	0.63
02	66.2625	158.5988	2	2	7	0-406233	08/27/76	10	18	13.2	-	-	7.4	122	10	2	7	5	6	3	2	1	1	4	4	2	2	-	1	-	-	-	-	0.17
02	66.2322	158.5991	2	2	7	0-406234	08/27/76	10	17	14.1	-	-	7.4	92	2	2	7	5	6	3	2	1	1	2	4	2	2	-	1	-	-	-	-	0.16
02	66.2091	158.6350	2	2	7	0-406235	08/27/76	10	18	14.1	-	-	8.1	141	17	2	7	5	6	3	2	1	1	4	4	2	2	-	1	-	-	-	-	0.22
02	66.1805	158.6033	2	2	9	0-406236	08/27/76	10	17	15.1	-	S	8.3	53	-	2	7	6	8	-	3	4	-	4	4	2	2	-	1	-	-	-	-	0.40
02	66.2338	158.5333	2	2	9	0-406237	08/27/76	10	18	13.6	-	S	7.2	23	-	2	7	5	7	-	3	2	-	4	4	2	2	-	1	-	-	-	-	0.17
02	66.2058	158.5233	2	2	7	0-406238	08/27/76	11	17	12.7	-	-	6.1	40	4	2	7	5	8	2	2	1	1	3	3	2	2	-	1	-	-	-	-	2.44
02	66.2011	158.5625	2	2	7	0-406239	08/27/76	11	17	13.2	-	-	7.2	37	10	2	7	3	6	3	2	1	1	3	4	2	2	-	1	-	-	-	-	0.17

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples Analyzed by Fluorometry

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho cm)	SCINTILLOMETER (eU ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY UNITS IN ppb
02-66.2136-158.7108-2-27-						0-406240-08/27/76-11-			16-13.4-	-	-	-	6.9-	162-		21-2-7-5-8-2-2-1-1-4-4-2-2-		-1-	-	-	-	-											0.01
02-66.2333-158.7333-2-27-						0-406241-08/27/76-11-			16-13.7-	-	-	-	7.2-	-		-2-7-5-6-3-2-1-1-4-4-2-2-		-1-	-	-	-	-											0.06
02-66.2366-158.6500-2-27-						0-406242-08/27/76-11-			16-13.2-	-	-	-	7.1-	20-		4-2-7-5-6-3-2-1-1-4-4-2-2-		-1-	-	-	-	-											0.15
02-66.2494-158.6433-2-27-						0-406243-08/27/76-11-			16-13.4-	-	-	-	6.8-	19-		10-2-7-5-6-3-2-1-1-4-4-2-2-		-1-	-	-	-	-											0.09
02-66.2597-158.7211-2-27-						0-406244-08/27/76-11-			16-13.9-	-	-	-	7.2-	42-		15-2-7-3-6-3-2-1-1-4-4-2-2-		-1-	-	-	-	-											0.10
02-66.2900-158.7266-2-27-						0-406245-08/27/76-11-			17-14.1-	-	-	-	7.1-	71-		4-2-7-5-6-3-2-1-1-4-4-2-2-		-1-	-	-	-	-											0.04
02-66.2941-158.6533-2-27-						0-406246-08/27/76-11-			17-13.7-	-	-	-	7.4-	14-		4-2-7-5-6-3-2-1-1-4-4-2-2-		-1-	-	-	-	-											0.10
02-66.3166-158.6766-2-27-						0-406247-08/27/76-11-			17-10.7-	-	-	-	6.8-	29-		4-2-7-6-8-2-3-5-1-4-4-2-2-		-1-	-	-	-	-											0.03
02-66.3366-158.6833-2-27-						0-406248-08/27/76-11-			17-10.9-	-	-	-	6.9-	40-		4-2-7-5-8-2-3-2-1-5-3-2-1-		-	-	-	-	-											0.19
02-66.3555-158.6116-2-27-						0-406249-08/27/76-11-			17-11.0-	-	-	-	6.6-	42-		8-2-7-5-8-2-3-2-1-4-4-2-2-		-1-	-	-	-	-											0.02
02-66.3266-158.6941-2-29-						0-406250-08/27/76-11-			17-15.0-	-S-	7.3-	19-		-2-7-	-	-	-3-2-	-4-4-2-2-		-1-	-	-	-	-											0.22
02-66.3375-159.0847-2-29-						0-406251-08/27/76-11-			14-15.3-	-S-	10.2-	101-		-2-7-6-8-		-3-1-	-2-3-2-2-		-1-	-	-	-	-											0.22
02-66.3191-159.1333-2-29-						0-406252-08/27/76-11-			15-15.9-	-S-	9.5-	128-		-2-7-6-7-		-3-2-	-2-4-2-2-		-1-	-	-	-	-											0.01
02-66.2919-159.1458-2-29-						0-406253-08/27/76-11-			16-15.9-	-S-	8.6-	42-		-2-7-	-	-	-3-2-	-2-3-2-2-		-1-	-	-	-	-											0.04
02-66.2666-159.1666-2-29-						0-406254-08/27/76-12-			16-15.4-	-S-	10.2-	89-		-2-7-5-6-		-3-2-	-2-4-2-2-		-1-	-	-	-	-											0.17
02-66.2416-159.1283-2-27-						0-406255-08/27/76-12-			16-12.2-	-	-	-	9.3-	94-		2-2-7-	-	-3-2-1-1-3-4-2-2-		-1-	-	-	-	-											0.25
02-66.2300-159.2436-2-27-						0-406256-08/27/76-12-			15-12.0-	-	-	-	9.2-	104-		0-2-7-5-6-3-2-4-1-3-4-2-2-		-1-	-	-	-	-											0.20
02-66.1983-159.2669-2-27-						0-406257-08/27/76-12-			17-12.4-	-	-	-	8.9-	87-		4-2-7-5-6-3-2-4-1-3-3-2-2-		-1-	-	-	-	-											0.10
02-66.2022-159.3391-2-27-						0-406258-08/27/76-12-			17-12.0-	-	-	-	9.1-	114-		8-2-7-3-6-3-3-1-1-3-4-2-2-		-1-	-	-	-	-											0.01
02-66.1666-159.3133-2-27-						0-406259-08/27/76-12-			16-11.7-	-	-	-	8.7-	107-		8-2-7-5-6-3-2-1-1-3-4-2-2-		-1-	-	-	-	-											0.01
02-66.2058-159.4433-2-27-						0-406260-08/27/76-12-			17-12.2-	-	-	-	9.2-	94-		0-2-7-5-6-3-2-1-1-3-3-2-2-		-1-	-	-	-	-											0.03
02-66.1616-159.4566-2-27-						0-406261-08/27/76-12-			16-12.7-	-	-	-	8.7-	114-		2-2-7-3-6-3-2-1-1-3-4-2-2-		-1-	-	-	-	-											0.17
02-66.1583-159.5261-2-27-						0-406262-08/27/76-12-			17-12.4-	-	-	-	8.8-	118-		4-2-7-3-6-3-2-1-1-2-4-2-2-		-1-	-	-	-	-											0.01
02-66.1191-159.5300-2-27-						0-406263-08/27/76-12-			17-12.4-	-	-	-	9.1-	94-		2-2-7-3-6-3-2-1-1-3-4-2-2-		-1-	-	-	-	-											0.02
02-66.1044-159.4300-2-27-						0-406264-08/27/76-12-			17-12.2-	-	-	-	8.7-	114-		8-2-7-5-6-3-2-1-1-3-3-2-2-		-1-	-	-	-	-											0.06
02-66.2266-159.1475-2-29-						0-406265-08/27/76-12-			14-16.5-	-S-	11.2-	171-		-2-7-5-8-		-3-1-	-2-3-2-2-		-1-	-	-	-	-											0.18
02-66.1979-159.1600-2-29-						0-406266-08/27/76-12-			16-16.6-	C-	S-	9.3-	67-	-2-7-	-	-2-3-1-1-3-4-2-2-		-1-	-	-	-	-											0.18
02-66.1633-159.1600-2-29-						0-406268-08/27/76-12-			16-15.2-	-S-	8.8-	342-		-2-7-5-6-		-3-1-	-4-4-2-2-		-1-	-	-	-	-											0.19
02-66.1383-159.1738-2-29-						0-406269-08/27/76-12-			16-15.8-	-S-	9.3-	42-		-2-7-6-6-		-3-2-	-1-3-2-2-		-1-	-	-	-	-											0.49
02-66.1233-159.1375-2-29-						0-406270-08/27/76-12-			16-15.9-	-S-	8.6-	54-		-2-7-	-	-	-3-1-	-4-4-2-2-		-1-	-	-	-	-											0.01
02-66.0969-159.1350-2-29-						0-406271-08/27/76-12-			17-16.5-	-S-	8.1-	71-		-2-7-5-6-		-3-2-	-4-4-2-2-		-1-	-	-	-	-											0.04
02-66.1166-159.2175-2-29-						0-406272-08/27/76-12-			16-14.7-	-S-	8.1-	71-		-2-7-5-6-		-3-2-	-3-4-2-2-		-1-	-	-	-	-											0.24
02-66.1433-159.2388-2-29-						0-406273-08/27/76-12-			16-14.7-	-S-	7.3-	77-		-2-7-6-8-		-3-2-	-3-4-2-2-		-1-	-	-	-	-											0.58
02-66.1633-159.2383-2-29-						0-406274-08/27/76-12-			17-15.2-	-S-	8.1-	114-		-2-7-	-	-	-3-2-	-4-4-2-2-		-1-	-	-	-	-											0.43
02-66.1886-159.2391-2-29-						0-406275-08/27/76-12-			16-15.2-	-S-	7.9-	121-		-2-7-6-8-		-3-2-	-4-4-2-2-		-1-	-	-	-	-											0.98
02-66.0733-159.1883-2-29-						0-406276-08/27/76-12-			18-16.3-	-S-	7.8-	24-		-2-7-	-	-	-3-2-	-1-2-2-2-		-1-	-	-	-	-											0.98
02-66.0516-159.1366-2-27-						0-406277-08/27/76-12-			18-13.2-	-	-	-	8.2-	27-		4-2-7-5-6-3-2-1-1-1-3-2-2-		-1-	-	-	-	-											0.17
02-66.0533-159.2222-2-27-						0-406278-08/27/76-12-			18-13.7-	-	-	-	7.4-	44-		0-2-7-3-6-2-3-1-1-1-3-2-2-		-1-	-	-	-	-											0.05
02-66.0166-159.2272-2-27-						0-406279-08/27/76-12-			19-14.2-	-	-	-	6.9-	121-		10-2-7-3-6-3-2-2-1-4-4-2-2-		-1-	-	-	-	-											0.24
02-66.0052-159.3060-2-27-						0-406281-08/27/76-12-			19-14.2-	-	-	-	7.4-	121-		15-2-7-3-6-2-3-1-1-1-3-2-2-		-1-	-	-	-	-											0.01
02-66.0633-159.3600-2-27-						0-406282-08/27/76-13-			17-13.2-	-	-	-	8.1-	41-		2-2-7-3-6-3-2-1-1-1-3-2-2-		-1-	-	-	-	-											0.32
02-66.1075-159.3200-2-27-						0-406283-08/27/76-13-			18-11.7-	-	-	-	7.7-	24-		15-2-7-3-6-3-2-1-1-1-2-2-2-		-1-	-	-	-	-											0.44
02-66.0650-159.4300-2-27-						0-406284-08/27/76-13-			18-12.7-	-	-	-	7.4-	74-		0-2-7-3-6-3-2-1-1-1-4-2-2-		-1-	-	-	-	-											0.26
02-66.0308-159.4266-2-27-						0-406285-08/27/76-13-			18-11.4-	-	-	-	8.2-	121-		10-2-7-3-6-3-2-1-1-3-4-2-2-		-1-	-	-	-	-											0.42
02-66.0733-159.5266-2-27-						0-406286-08/27/76-13-			18-12.4-	-	-	-	7.2-	110-		43-2-7-5-6-3-2-1-1-1-3-3-2-		-1-	-	-	-	-											0.90
02-66.0833-159.6633-2-27-						0-406287-08/27/76-13-			18-13.2-	-	-	-	7.4-	114-		41-2-7-3-6-3-2-1-1-3-4-3-2-		-1-	-	-	-	-											0.17
02-66.0200-159.5786-2-27-						0-406288-08/27/76-13-			17-10.3-	-	-	-	8.2-	60-		49-2-7-3-6-3-2-1-1-3-4-2-2-		-1-	-	-	-	-											0.33
02-66.0400-159.6519-2-27-						0-406289-08/27/76-13-			18-12.1-	-	-	-	7.2-	54-		56-2-7-3-6-3-2-1-1-3-4-2-2-		-1-	-	-	-	-											0.21
02-66.0258-159.7366-2-27-						0-406290-08/27/76-13-			17-13.4-	-	-	-	7.4-	90-		28-2-7-4-6-3-2-1-1-1-3-3-2-		-1-	-	-	-	-											2.55
02-66.0033-159.8200-2-27-						0-406291-08/27/76-13-			17-14.2-	-	-	-	7.1-	114-		41-2-7-3-6-3-2-1-1-4-4-4-2-		-1-	-	-	-	-											9.23
02-66.0638-159.8880-2-27-						0-406292-08/27/76-14-			15-10.4-	-	-	-	8.2-	67-		10-2-7-3-6-3-2-1-1-3-3-3-2-		-1-	-	-	-	-											0.29

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples Analyzed by Fluorometry

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																							U CONCENTRATION
							TIME SAMPLED																						
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	DATE	HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY UNITS IN ppb
02-66.0272-159.9483-2-27-						0-406293-08/27/76-14-			.6-11.2-		-	-	8.2-	110-		23-2-7-4-6-3-2-1-1-4-4-3-2-				-1-	-	-	-	-					0.19
02-66.0625-159.9623-2-27-						0-406294-08/27/76-14-			16-14.1-		-	-	7.4-	-		21-2-7-3-6-3-2-1-1-4-4-3-2-				-1-	-	-	-	-					0.10
02-66.1116-159.9800-2-27-						0-406295-08/27/76-14-			16-13.4-		-	-	7.5-	-		8-2-7-5-6-3-2-1-1-3-4-3-2-				-1-	-	-	-	-					0.06
02-66.1538-159.9700-2-27-						0-406296-08/27/76-14-			16-13.2-		-	-	8.2-	60-		17-2-7-4-6-3-3-2-1-1-3-3-2-				-1-	-	-	-	-					0.06
02-66.1602-159.8650-2-27-						0-406297-08/27/76-14-			16-13.1-		-	-	7.7-	54-		4-2-7-4-6-3-2-2-1-1-4-3-2-				-1-	-	-	-	-					0.06
02-66.1633-159.7683-2-27-						0-406298-08/27/76-14-			17-12.9-		-	-	7.8-	87-		34-2-7-3-6-3-2-2-1-3-4-3-2-				-1-	-	-	-	-					0.27
02-66.1000-160.0433-2-27-						0-406299-08/27/76-14-			17-12.7-		-	-	7.4-	121-		23-2-7-3-6-3-2-2-1-3-4-3-2-				-1-	-	-	-	-					0.17
02-66.0816-160.0918-2-27-						0-406300-08/27/76-14-			17-12.4-		-	-	7.4-	101-		17-2-7-4-6-3-2-1-1-1-4-3-2-				-1-	-	-	-	-					0.07
02-66.3633-159.5760-2-29-						0-406301-08/27/76-15-			15-17.6-		-S-		8.0-	136-		-2-7-5-6- -3-4- -4-4-2-2-				-1-	-	-	-	-					6.38
02-66.3633-159.5186-2-29-						0-406302-08/27/76-15-			17-15.8-		-S-		7.8-	88-		-2-7-6-8- -3-2- -4-4-2-2-				-1-	-	-	-	-					0.33
02-66.3302-159.5333-2-29-						0-406303-08/27/76-15-			17-15.4-		-S-		8.0-	117-		-2-7-6-7- -3-2- -4-4-2-2-				-1-	-	-	-	-					0.19
02-66.3638-159.4776-2-29-						0-406304-08/27/76-15-			16-16.2-		-S-		7.7-	112-		-2-7-6-7- -3-2- -4-4-2-2-				-1-	-	-	-	-					0.19
02-66.3583-159.4375-2-29-						0-406305-08/27/76-15-			16-16.2-		-S-		7.4-	94-		-2-7-6-6- -3-4- -3-3-2-2-				-1-	-	-	-	-					0.49
02-66.3366-159.4900-2-29-						0-406306-08/27/76-15-			17-16.4-		-S-		7.4-	42-		-2-7- - - -3-1- -4-4-2-2-				-1-	-	-	-	-					0.02
02-66.3166-159.5405-2-27-						0-406309-08/27/76-15-			16-14.4-		-	-	7.2-	81-		21-2-7-3-6-3-3-1-1-4-4-2-2-				-1-	-	-	-	-					0.72
02-66.2900-159.5366-2-27-						0-406310-08/27/76-15-			16-13.9-		-	-	7.2-	109-		8-2-7- - -3-2-2-1-3-3-2-2-				-1-	-	-	-	-					3.30
02-66.2738-159.5683-2-27-						0-406311-08/27/76-15-			16-15.1-		-	-	6.4-	90-		21-2-7-5-6-3-2-1-1-4-4-2-2-				-1-	-	-	-	-					2.05
02-66.2550-159.5783-2-27-						0-406312-08/27/76-15-			16-14.4-		-	-	7.4-	87-		17-2-7-6-6-3-2-1-2-4-4-2-2-				-1-	-	-	-	-					0.37
02-66.2566-159.4350-2-27-						0-406313-08/27/76-15-			16-14.2-		-	-	7.2-	90-		17-2-7-5-6-2-2-2-1-4-4-2-2-				-1-	-	-	-	-					0.34
02-66.2883-159.4694-2-29-						0-406314-08/27/76-16-			15-16.1-		-S-		7.9-	63-		-2-7-6-8- -3-2- -4-4-2-2-				-1-	-	-	-	-					0.08
02-66.3133-159.4200-2-29-						0-406316-08/27/76-16-			16-15.3-		-S-		7.5-	33-		-2-7-5-6- -3-4- -4-4-2-2-				-1-	-	-	-	-					0.23
02-66.2900-159.4283-2-29-						0-406318-08/27/76-16-			16-15.7-		-S-		7.6-	55-		-2-7-6-6- -3-2- -3-4-2-2-				-1-	-	-	-	-					0.03
02-66.2733-159.4358-2-29-						0-406319-08/27/76-16-			16-16.4-		-S-		7.9-	77-		-2-7-5-6- -3-2- -3-3-2-2-				-1-	-	-	-	-					0.10
02-66.2258-159.4883-2-29-						0-406320-08/27/76-16-			15-16.5-		-S-		8.0-	68-		-2-7-6-8- -3-2- -3-4-2-2-				-1-	-	-	-	-					0.04
02-66.2300-159.5700-2-29-						0-406321-08/27/76-16-			16-16.4-		-S-		7.9-	72-		-2-7-6-6- -3-2- -3-4-2-2-				-1-	-	-	-	-					0.20
02-66.2925-159.5500-2-27-						0-406322-08/27/76-16-			16-12.2-		-	-	7.8-	119-		4-2-7-5-6-2-2-2-2-4-4-2-2-				-1-	-	-	-	-					0.74
02-66.2883-159.6566-2-27-						0-406323-08/27/76-16-			16-12.4-		-	-	8.1-	124-		4-2-7-5-6-2-3-2-1-4-4-2-2-				-1-	-	-	-	-					1.37
02-66.2486-159.6319-2-27-						0-406324-08/27/76-16-			16-12.4-		-	-	7.9-	97-		4-2-7-6-6-2-3-2-1-4-4-2-2-				-1-	-	-	-	-					0.34
02-66.3300-159.6750-2-27-						0-406326-08/27/76-16-			15-13.4-		-	-	7.2-	50-		10-2-7-5-6-3-2-2-1-4-4-2-2-				-1-	-	-	-	-					0.66
02-66.2838-159.7908-2-27-						0-406327-08/27/76-16-			15-13.7-		-	-	7.4-	27-		4-2-7-6-8-2-3-5-1-4-4-2-2-				-1-	-	-	-	-					0.54
02-66.1972-159.6341-2-27-						0-406330-08/27/76-16-			15-11.4-		-	-	7.4-	65-		17-2-7- - -3-2-2-1-4-4-2-2-				-1-	-	-	-	-					0.41
02-66.1533-159.6300-2-27-						0-406331-08/27/76-17-			15-12.4-		-	-	7.4-	42-		4-2-7-5-6-3-2-2-1-4-4-2-2-				-1-	-	-	-	-					1.30
02-66.0991-159.7200-2-27-						0-406333-08/27/76-17-			15-13.4-		-	-	7.4-	72-		4-2-7-5-6-3-2-2-1-4-4-2-2-				-1-	-	-	-	-					0.14
02-66.0733-159.7656-2-27-						0-406334-08/27/76-17-			15-14.2-		-	-	8.1-	27-		8-2-7-3-6-3-2-1-1-1-3-3-2-				-1-	-	-	-	-					0.17
02-66.2069-159.5944-2-29-						0-406335-08/27/76-17-			15-14.4-		-S-		8.4-	54-		-2-7-5-6- -2-5- -4-4-2-2-				-1-	-	-	-	-					0.22
02-66.2050-159.9760-2-29-						0-406337-08/27/76-17-			16-15.2-		-S-		7.8-	36-		-2-7-6-7- -3-2- -4-4-2-2-				-1-	-	-	-	-					0.01
02-66.1950-160.0519-2-27-						0-406338-08/27/76-17-			16-12.9-		-	-	7.8-	45-		4-2-7-3-6-3-2-1-1-1-3-2-2-				-1-	-	-	-	-					1.47
02-66.1541-160.0816-2-27-						0-406339-08/27/76-17-			16-13.1-		-	-	7.4-	47-		4-2-7-4-6-3-2-1-1-1-3-2-2-				-1-	-	-	-	-					0.17
02-66.1075-160.2441-2-27-						0-406341-08/27/76-17-			16-12.1-		-	-	7.9-	60-		49-2-7-5-6-3-2-2-1-3-4-2-2-				-1-	-	-	-	-					0.01
02-66.0827-160.2466-2-27-						0-406342-08/27/76-17-			16-12.1-		-	-	8.1-	47-		30-2-7-5-6-3-2-1-1-1-3-2-2-				-1-	-	-	-	-					1.10
02-66.0805-160.1691-2-27-						0-406343-08/27/76-17-			14-11.9-		-	-	8.1-	68-		56-2-7-3-6-3-2-1-1-1-4-2-2-				-1-	-	-	-	-					1.09
02-66.0233-160.1710-2-27-						0-406345-08/27/76-17-			16-14.2-		-	-	7.9-	80-		4-2-7-3-6-3-2-2-1-4-4-2-2-				-1-	-	-	-	-					1.03
02-66.0033-160.2483-2-27-						0-406346-08/27/76-17-			16-14.4-		-	-	8.0-	101-		4-2-7- - -3-2-2-1-3-3-2-2-				-1-	-	-	-	-					0.17
02-66.0227-160.4741-2-27-						0-406349-08/27/76-16-			15-13.2-		-	-	8.1-	125-		17-2-7- - -3-2-2-1-4-4-2-2-				-1-	-	-	-	-					0.25
02-66.1166-160.4072-2-27-						0-406351-08/27/76-18-			14-11.2-		-	-	8.1-	60-		23-2-7-5-6-3-2-2-1-4-4-4-2-				-1-	-	-	-	-					0.41
02-66.1541-160.4488-2-27-						0-406352-08/27/76-18-			15-12.4-		-	-	7.4-	74-		8-2-7-5-6-3-2-2-1-4-4-4-2-				-1-	-	-	-	-					0.02
02-66.1475-160.4966-2-27-						0-406353-08/27/76-18-			15-13.1-		-	-	8.1-	52-		8-2-7-5-6-3-2-1-1-4-4-4-2-				-1-	-	-	-	-					4.92
02-66.1791-160.4750-2-27-						0-406354-08/27/76-18-			15-12.2-		-	-	7.7-	63-		17-2-7-5-6-3-2-1-1-4-4-4-2-				-1-	-	-	-	-					1.32
02-66.1983-160.4276-2-27-						0-406355-08/27/76-18-			14-11.2-		-	-	7.4-	74-		21-2-7-3-6-3-2-2-1-4-4-3-2-				-1-	-	-	-	-					1.07
02-66.2000-160.4708-2-27-						0-406356-08/27/76-18-			14-11.4-		-	-	7.7-	50-		56-2-7-3-6-3-2-1-1-3-4-2-2-				-1-	-	-	-	-					0.58

APPENDIX B-1 (continued). Field Data and Uranium Concentrations for Water Samples Analyzed by Fluorometry

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (μmhos/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY UNITS IN ppb
02-66.1538-160.2900-2-27-						0-406357-08/27/76-18-			14-10.1-	-	-		7.4-	72-	72-2-7-5-6-3-2-1-1-3-4-2-2-													-1-	-	-	-	-	1.39
02-66.1916-160.1900-2-27-						0-406358-08/27/76-18-			15-10.4-	-	-		7.4-	40-	47-2-7-	-		-3-2-	-1-1-3-4-2-2-									-1-	-	-	-	-	0.63
02-66.1566-160.1933-2-27-						0-406359-08/27/76-18-			15-11.4-	-	-		7.7-	37-	30-2-7-4-6-3-2-1-1-3-3-2-2-													-1-	-	-	-	-	0.33
02-66.0325-162.0900-2-27-						0-406360-08/28/76-15-			12-12.2-	-	-		7.2-	110-	4-2-7-5-6-2-3-1-1-4-4-2-2-													-1-	-	-	-	-	0.55
02-66.0475-162.0908-2-27-						0-406361-08/28/76-15-			12-12.2-	-	-		7.3-	124-	4-2-7-	-		-2-3-1-1-4-4-2-2-									-1-	-	-	-	-	0.41
02-66.0494-162.1983-2-27-						0-406362-08/28/76-15-			12-11.2-	-	-		8.2-	130-	10-2-7-5-6-3-2-1-1-3-4-2-2-													-1-	-	-	-	-	0.63
02-66.0233-162.2200-2-27-						0-406363-08/28/76-15-			12-11.4-	-	-		7.4-	114-	2-3-7-5-6-2-2-1-1-4-4-2-2-													-1-	-	-	-	-	0.67
02-66.0222-162.3358-2-27-						0-406364-08/28/76-15-			12-10.9-	-	-		7.7-	114-	4-2-7-5-6-2-2-2-1-3-3-2-2-													-1-	-	-	-	-	1.03
02-66.0133-162.3777-2-27-						0-406365-08/28/76-15-			12-11.2-	-	-		7.4-	141-	17-2-7-	-		2-2-2-1-4-4-2-2-									-1-	-	-	-	-	0.97
02-66.0483-162.4822-2-29-						0-406366-08/28/76-15-			12-16.8-C-	-S-	8.0-		-		-2-7-6-6-	-3-2-	-4-4-2-2-									-1-	-	-	-	-	1.16
02-66.0416-162.5379-2-29-						0-406367-08/28/76-15-			12-16.2-	-S-	7.8-	947-			-2-7-5-6-	-3-2-	-4-4-2-2-									-1-	-	-	-	-	1.89
02-66.0358-162.5711-2-29-						0-406368-08/28/76-15-			12-16.0-	-S-	8.2-	1214-			-2-7-5-6-	-3-2-	-4-4-2-2-									-1-	-	-	-	-	3.61

APPENDIX B-II. Field Data and Uranium Concentrations for Water Samples Analyzed by DNC

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																							U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (μmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppb
02-66.	1666-164.	0541-2-29-	0-	402991-07/31/76-21-	15-15.4-	-S-	7.6-	72-		-2-7-4-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	0.10
02-66.	0705-161.	3333-2-27-	0-	403972-08/12/76- 8-	15-10.9-	- -	8.0-	300-		14-3-6-5-6-2-2-1-2-4-3-2-2-	-1-	-	-	-	-	0.10
02-66.	0261-161.	3333-2-27-	0-	403973-08/12/76- 8-	15-11.0-	- -	7.6-	220-		23-3-6-5-6-2-2-1-2-4-3-2-2-	-1-	-	-	-	-	0.10
02-66.	9275-161.	0233-2-29-	0-	404558-08/16/76-11-	13-13.7-	-S-	8.4-	26-		-2-7-6-2-	-2-1-	-4-1-1-3-	-1-	-	-	-	-	0.30
02-66.	4038-161.	6983-2-29-	0-	405074-08/21/76-11-	12-13.9-	-S-	7.8-	42-		-2-7-4-6-	-3-1-	-4-3-1-1-	-1-	-	-	-	-	0.10
02-66.	3944-161.	3533-2-27-	0-	405082-08/21/76-11-	11-13.7-	-S-	7.4-	39-		-2-7-4-6-	-3-1-	-4-3-1-3-	-1-	-	-	-	-	0.10
02-66.	1000-161.	5986-2-27-	0-	405110-08/21/76-15-	10-12.6-C-	-	7.9-	108-		-2-7-4-6-2-3-1-2-4-3-1-3-	-1-	-	-	-	-	0.10
02-66.	3538-160.	8133-2-27-	0-	405131-08/21/76-16-	10-12.1-	- -	6.6-	90-		-2-7-4-6-2-3-1-2-4-3-2-3-	-1-	-	-	-	-	0.10
02-66.	6338-159.	6633-2-29-	0-	405171-08/22/76- 9-	11-14.7-	-S-	7.4-	27-		-2-7-5-8-	-3-1-	-4-3-2-3-	-1-	-	-	-	-	0.40
02-66.	4944-159.	5777-2-29-	0-	405198-08/22/76-11-	11-14.1-	-S-	8.3-	22-		-2-7-5-8-	-3-1-	-4-4-2-3-	-1-	-	-	-	-	0.10
02-66.	5033-159.	8500-2-29-	0-	405206-08/22/76-13-	11-14.8-	-S-	7.9-	22-		-2-7-5-7-	-3-1-	-4-4-2-3-	-1-	-	-	-	-	0.20
02-66.	2433-159.	9125-2-29-	0-	405262-08/22/76-16-	12-14.2-	-S-	7.8-	40-		-2-7-5-8-	-3-1-	-4-4-2-3-	-1-	-	-	-	-	0.70
02-66.	2894-159.	9633-2-27-	0-	405264-08/22/76-16-	14-13.9-	- -	7.6-	40-		-2-7-6-8-3-2-1-1-4-4-2-3-	-1-	-	-	-	-	0.10
02-66.	2958-160.	0833-2-27-	0-	405267-08/22/76-16-	14-12.4-	- -	6.8-	26-		-2-7-3-6-3-2-1-1-3-4-3-3-	-1-	-	-	-	-	0.10
02-66.	8383-159.	4600-2-27-	0-	405301-08/23/76-11-	13-13.2-	- -	8.6-	94-		-2-7-4-6-1-2-1-2-4-3-2-3-	-1-	-	-	-	-	0.10
02-66.	9816-158.	8833-2-27-	0-	405312-08/23/76-12-	11-10.3-	- -	8.7-	81-		-2-7-4-6-2-3-1-2-4-3-1-3-	-1-	-	-	-	-	0.10
02-66.	9500-158.	4811-2-29-	0-	405320-08/23/76-12-	11-13.8-	-S-	8.5-	14-		-2-7-4-6-	-3-1-	-1-2-2-3-	-1-	-	-	-	-	0.30
02-66.	9875-158.	0208-2-29-	0-	405321-08/23/76-12-	11-16.0-	-S-	8.3-	50-		-2-7-4-6-	-3-1-	-1-2-3-3-	-1-	-	-	-	-	0.10
02-66.	4333-158.	7966-2-29-	0-	405469-08/24/76-11-	15-14.0-	-S-	8.7-	56-		-2-7-5-6-	-3-1-	-4-3-1-2-	-1-	-	-	-	-	0.10
02-66.	3933-158.	9433-2-29-	0-	405432-08/24/76-11-	15-14.1-	-S-	7.9-	11-		-2-7-5-6-	-3-1-	-4-3-1-2-	-1-	-	-	-	-	0.10
02-66.	4922-158.	8650-2-29-	0-	405445-08/24/76-11-	16-13.8-	-S-	7.8-	75-		-2-7-5-6-	-3-1-	-4-3-1-2-	-1-	-	-	-	-	0.10
02-66.	4916-158.	7300-2-29-	0-	405449-08/24/76-12-	16-13.8-	-S-	7.8-	29-		-2-7-5-6-	-3-1-	-4-3-1-2-	-1-	-	-	-	-	0.10
02-66.	5586-158.	8125-2-29-	0-	405454-08/24/76-12-	16-14.6-	-S-	8.8-	55-		-2-7-5-6-	-3-1-	-4-3-1-2-	-1-	-	-	-	-	0.10
02-66.	5533-158.	8558-2-29-	0-	405455-08/24/76-12-	16-14.6-	-S-	8.8-	56-		-2-7-5-6-	-3-1-	-4-3-1-2-	-1-	-	-	-	-	0.10
02-66.	5488-158.	9350-2-29-	0-	405456-08/24/76-12-	16-14.5-	-S-	8.6-	54-		-2-7-5-6-	-3-1-	-4-3-1-2-	-1-	-	-	-	-	0.20
02-66.	5747-158.	8000-2-29-	0-	405461-08/24/76-12-	16-14.6-	-S-	7.8-	37-		-2-7-5-6-	-3-1-	-4-3-1-2-	-1-	-	-	-	-	0.50
02-66.	6888-158.	9986-2-29-	0-	405482-08/24/76-13-	18-15.2-	-S-	9.2-	110-		-2-7-5-6-	-3-1-	-4-3-2-2-	-1-	-	-	-	-	0.30
02-66.	6891-158.	9541-2-29-	0-	405483-08/24/76-13-	18-15.3-	-S-	9.7-	85-		-2-7-5-6-	-3-1-	-4-3-2-2-	-1-	-	-	-	-	0.10
02-66.	6977-158.	8725-2-29-	0-	405484-08/24/76-13-	18-15.0-	-S-	9.6-	100-		-2-7-5-6-	-3-1-	-4-3-2-2-	-1-	-	-	-	-	0.10
02-66.	7000-158.	8016-2-29-	0-	405485-08/24/76-13-	18-15.6-	-S-	9.6-	76-		-2-7-5-6-	-3-1-	-4-3-2-2-	-1-	-	-	-	-	0.10
02-66.	7122-158.	8558-2-29-	0-	405488-08/24/76-13-	18-14.0-	-S-	9.2-	32-		-2-7-5-6-	-3-1-	-4-3-2-2-	-1-	-	-	-	-	0.40
02-66.	7166-158.	7050-2-29-	0-	405489-08/24/76-13-	18-15.2-	-S-	8.2-	71-		-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	0.10
02-66.	7700-158.	0666-2-27-	0-	405492-08/24/76-14-	22-14.2-	- -	6.3-	70-		-2-7-4-6-2-3-1-2-4-3-3-2-	-1-	-	-	-	-	0.10
02-66.	2736-159.	0111-2-29-	0-	406031-08/26/76- 6-	10-13.5-	-S-	10.7-	103-		-2-7-6-7-	-3-1-	-4-4-2-2-	-1-	-	-	-	-	0.10
02-66.	3183-158.	8058-2-29-	0-	406085-08/26/76-10-	13-14.3-	-S-	7.7-	73-		-2-7-5-7-	-3-1-	-4-4-2-2-	-1-	-	-	-	-	0.10
02-66.	1800-159.	1825-2-29-	0-	405267-08/27/76-12-	16-15.8-C-	-S-	8.5-	195-		-2-7-	- -	-3-1-	-3-3-2-2-	-1-	-	-	-	0.50
02-66.	0266-159.	1100-2-27-	0-	406260-08/27/76-12-	19-14.6-	- -	7.4-	76-		2-2-7-6-8-2-2-5-1-4-4-2-2-	-1-	-	-	-	-	0.20
02-66.	3183-159.	4200-2-29-	0-	406307-08/27/76-15-	17-16.2-	-S-	7.5-	35-		-2-7-5-6-	-3-1-	-4-4-2-2-	-1-	-	-	-	-	0.20
02-66.	2908-159.	4219-2-29-	0-	406315-08/27/76-16-	16-17.1-C-	-S-	8.1-	47-		-2-7-	- -	-3-2-	-4-4-2-2-	-1-	-	-	-	0.20
02-66.	3366-159.	4300-2-29-	0-	406317-08/27/76-16-	16-15.4-	-S-	7.2-	28-		-2-7-6-6-	-3-5-	-4-4-2-2-	-1-	-	-	-	-	0.20
02-66.	2533-159.	5838-2-27-	0-	406325-08/27/76-16-	16-12.7-	- -	7.7-	124-		4-2-7-5-6-2-2-2-1-4-4-2-2-	-1-	-	-	-	-	0.70
02-66.	2566-159.	7883-2-27-	0-	406328-08/27/76-16-	15-12.9-	- -	7.8-	60-		10-2-7-6-6-2-2-2-1-4-4-2-2-	-1-	-	-	-	-	0.10
02-66.	1938-159.	7402-2-27-	0-	406329-08/27/76-16-	15-13.7-	- -	7.7-	280-		10-2-7-5-6-3-2-2-1-4-4-2-2-	-1-	-	-	-	-	0.30
02-66.	1208-159.	6761-2-27-	0-	406332-08/27/76-17-	15-12.1-	- -	7.7-	70-		17-2-7-5-6-3-2-2-1-4-4-2-2-	-1-	-	-	-	-	0.20
02-66.	1933-159.	8733-2-29-	0-	406336-08/27/76-17-	16-16.2-	-S-	8.1-	44-		-2-7-6-8-	-3-2-	-3-3-2-2-	-1-	-	-	-	-	2.70
02-66.	1191-160.	1761-2-27-	0-	406340-08/27/76-17-	16-12.6-	- -	8.0-	55-		47-2-7-3-6-3-2-1-1-4-4-2-2-	-1-	-	-	-	-	0.40
02-66.	0166-160.	0666-2-27-	0-	406344-08/27/76-17-	16-14.1-	- -	8.2-	72-		10-2-7-3-6-3-2-2-1-3-4-2-2-	-1-	-	-	-	-	0.30
02-66.	0233-160.	3988-2-27-	0-	406347-08/27/76-17-	15-11.4-	- -	8.2-	44-		15-2-7-3-6-3-2-1-1-4-4-2-2-	-1-	-	-	-	-	0.10
02-66.	0666-160.	3736-2-27-	0-	406348-08/27/76-17-	16-12.4-	- -	7.7-	127-		15-2-7-5-6-3-2-1-1-4-4-3-2-	-1-	-	-	-	-	0.10
02-66.	1116-160.	4961-2-27-	0-	406350-08/27/76-16-	16-12.7-	- -	7.4-	71-		17-2-7-5-6-3-2-2-1-4-4-3-2-	-1-	-	-	-	-	0.10

APPENDIX C

LISTINGS OF FIELD DATA AND URANIUM CONCENTRATIONS FOR SEDIMENT SAMPLES

(See Appendix D for Code to Listings)

APPENDIX C. Field Data and Uranium Concentrations for Sediment Samples

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
02-66.0902-165.6833-2-13-						0-402588-07/26/76-19-		18-12.1-	-	-	7.8-	5150-																				2.90
02-66.0736-165.6873-2-13-						0-402589-07/26/76-19-		19-11.8-	-	-	8.2-	5500-																				2.20
02-66.0875-165.7244-2-13-						0-402590-07/26/76-19-		18-12.8-C-	-	-	6.8-	-																				1.70
02-66.0700-165.7333-2-13-						0-402591-07/26/76-19-		17-11.3-C-	-	-	7.6-	-																				2.60
02-66.0950-165.8500-2-12-						0-402592-07/26/76-19-		18-12.7-C-	-	-10.0-	-																					2.30
02-66.0847-165.8527-2-13-						0-402593-07/26/76-19-		18-	-	-	-	-																				3.80
02-66.1375-165.9541-2-13-						0-402594-07/26/76-19-		17-13.2-	-	-10.6-	-																					2.30
02-66.1261-165.9577-2-13-						0-402595-07/26/76-19-		19-11.8-	-	-10.8-	-																					2.30
02-66.1375-165.9805-2-13-						0-402596-07/26/76-19-		17-12.1-	-	-	7.4-	-																				2.40
02-66.1263-165.9762-2-13-						0-402597-07/26/76-19-		18-11.8-	-	-	6.8-	-																				3.00
02-66.1250-165.9994-2-13-						0-402598-07/26/76-20-		16-11.2-	-	-	7.8-	-																				3.20
02-66.1400-165.9810-2-13-						0-402599-07/26/76-20-		17-13.0-	-	-	7.4-	-																				2.70
02-66.1116-165.9933-2-13-						0-402600-07/26/76-20-		17-17.7-	-S-	8.6-		44-																				3.30
02-66.0691-165.1850-2-13-						0-402601-07/26/76-20-		18-14.3-	-	-	7.2-	220-																				2.30
02-66.0791-165.1700-2-12-						0-402602-07/26/76-20-		17-11.0-	-	-	7.0-	310-																				5.10
02-66.0263-165.0625-2-13-						0-402603-07/26/76-20-		17-17.3-	-S-	8.2-		27-																				2.80
02-66.0625-165.4583-2-13-						0-402617-07/26/76-20-		12-16.5-	-S-	7.1-		109-																				2.10
02-66.0583-165.5708-2-13-						0-402618-07/26/76-22-		12-16.6-	-S-	6.7-		2-																				2.30
02-66.0819-165.8477-2-12-						0-402619-07/26/76-23-		12-11.6-	-	-	7.8-																					2.80
02-66.0950-166.0033-2-13-						0-402620-07/26/76-23-		12-14.2-	-	-	8.2-																					2.00
02-66.0805-166.0638-2-12-						0-402621-07/26/76-23-		11- 9.6-	-	-	8.2-																					2.80
02-66.1033-166.0811-2-13-						0-402622-07/26/76-23-		11- 9.8-	-	-	8.0-																					2.80
02-66.1111-166.1541-2-12-						0-402623-07/26/76-23-		11- 8.6-	-	-	8.6-																					2.80
02-66.1125-166.1250-2-13-						0-402624-07/26/76-23-		11- 9.0-	-	-	9.0-																					2.60
02-66.1383-165.1988-2-12-						0-402625-07/26/76-23-		11-	-	-	-	-																				2.40
02-66.1208-165.1994-2-12-						0-402626-07/26/76-23-		11-	-	-	-	-																				2.00
02-66.1361-166.2988-2-13-						0-402627-07/26/76-23-		11- 8.4-	-	-	8.6-	455-																				0.80
02-66.1208-166.3077-2-13-						0-402628-07/26/76-23-		11- 8.2-	-	-	8.8-	150-																				2.30
02-66.1027-166.4430-2-12-						0-402629-07/26/76-23-		11- 8.8-	-	-	8.6-	65-																				2.30
02-66.1055-166.4576-2-12-						0-402630-07/26/76-23-		11- 8.2-	-	-	8.2-	100-																				2.90
02-66.0736-166.5376-2-13-						0-402631-07/26/76-23-		11- 7.8-	-	-	7.8-	-																				3.20
02-66.0733-166.5716-2-12-						0-402632-07/26/76-23-		11- 8.0-	-	-	7.6-	10-																				2.80
02-66.0500-166.0660-2-12-						0-402633-07/26/76-24-		10- 7.8-	-	-	7.6-	195-																				2.30
02-66.0283-166.0480-2-12-						0-402634-07/26/76-24-		10- 8.0-	-	-	7.8-	10-																				2.40
02-66.0361-166.7180-2-13-						0-402635-07/26/76-24-		10- 9.2-	-	-10.2-		-																				1.90
02-66.0266-166.7211-2-12-						0-402636-07/26/76-24-		10- 8.2-	-	-	7.8-	-																				2.30
02-66.0100-166.8044-2-12-						0-402637-07/26/76-24-		10- 8.6-	-	-	8.2-	3100-																				2.20
02-66.0060-166.8450-2-13-						0-402638-07/26/76-24-		10- 8.2-	-	-10.2-		310-																				0.50
02-66.0266-166.8333-2-13-						0-402639-07/26/76-24-		10-11.7-	-S-	7.2-		60-																				2.30
02-66.0400-166.8333-2-12-						0-402640-07/26/76-24-		10- 8.2-	-	-	7.8-	340-																				2.60
02-66.0516-166.8100-2-13-						0-402641-07/26/76-24-		10- 8.6-	-	-10.1-		100-																				1.60
02-66.0500-166.4161-2-13-						0-402642-07/26/76-24-		10- 8.4-	-	-	7.4-	80-																				2.70
02-66.0400-166.3900-2-13-						0-402643-07/26/76-24-		10- 8.4-	-	-	7.8-	95-																				2.70
02-66.0283-166.3250-2-13-						0-402644-07/26/76-24-		10- 8.8-	-	-	7.6-	200-																				2.70
02-66.0638-166.3333-2-13-						0-402645-07/26/76-24-		10- 7.4-	-	-	8.4-	285-																				2.80
02-66.0583-165.1877-2-12-						0-402646-07/26/76- 1-		9- 8.2-	-	-	8.4-	100-																				2.60
02-66.0402-165.2305-2-12-						0-402647-07/26/76- 1-		9- 8.4-	-	-	7.8-	420-																				2.70
02-66.0319-166.1783-2-12-						0-402648-07/26/76- 1-		9- 8.8-	-	-	8.2-	409-																				4.10
02-66.0350-166.0703-2-12-						0-402649-07/26/76- 1-		9- 7.0-	-	-	7.6-	500-																				2.70
02-66.0305-165.1461-2-13-						0-402654-07/27/76-16-		22-17.8-	-S-	8.3-		29-																				2.80
02-66.0138-165.1950-2-13-						0-402655-07/27/76-16-		21-17.1-	-S-	7.9-		68-																				2.60

APPENDIX C (continued). Field Data and Uranium Concentrations for Sediment Samples

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
02-66.0283-165.4465-2-13-						0-402656-07/27/76-16-			23-17.3-			-S-	7.0-	7		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.30
02-66.0375-165.5638-2-13-						0-402657-07/27/76-16-			21-17.4-			-S-	7.5-	144-		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4-3-2-1-	-	-	-	2.70
02-66.0261-165.6565-2-13-						0-402660-07/27/76-16-			23-17.1-			-S-	7.9-	79-		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4-3-1-1-	-1-	-	-	-	2.40
02-66.0283-165.9510-2-13-						0-402661-07/27/76-16-			22-18.0-			-S-	7.9-	64-		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4-3-1-1-	-1-	-	-	-	2.40
02-66.1850-165.3503-2-13-						0-402662-07/27/76-16-			23-16.9-			-S-	7.6-	227-		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4-3-1-1-	-1-	-	-	-	2.80
02-66.2000-165.3250-2-13-						0-402663-07/27/76-17-			21-17.0-			-S-	7.9-	94-		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4-3-1-1-	-1-	-	-	-	2.50
02-66.2194-165.7660-2-13-						0-402664-07/27/76-17-			22-17.4-			-S-	7.9-	62-		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4-3-1-1-	-1-	-	-	-	2.00
02-66.2183-165.8233-2-13-						0-402665-07/27/76-17-			22-17.2-			-S-	7.8-	86-		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4-3-1-1-	-1-	-	-	-	2.20
02-66.2625-165.8305-2-13-						0-402667-07/27/76-17-			22-16.5-			-S-	7.4-	58-		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4-3-1-1-	-1-	-	-	-	2.50
02-66.2505-165.7877-2-13-						0-402668-07/27/76-17-			21-16.2-			-	8.1-	315-		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4-3-1-1-	-1-	-	-	-	2.70
02-66.2472-165.6708-2-13-						0-402669-07/27/76-17-			23-16.8-			-S-	9.1-	30-		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4-3-1-1-	-1-	-	-	-	2.20
02-66.2388-165.5416-2-13-						0-402670-07/27/76-17-			23-16.8-			-S-	8.7-	23-		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4-3-1-1-	-1-	-	-	-	2.60
02-66.2766-165.5361-2-13-						0-402671-07/27/76-17-			21-16.6-			-S-	8.2-	26-		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4-3-1-1-	-1-	-	-	-	2.40
02-66.2866-165.6333-2-13-						0-402672-07/27/76-17-			22-15.4-			-S-	7.6-	72-		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4-3-1-1-	-1-	-	-	-	1.70
02-66.2972-165.7400-2-13-						0-402673-07/27/76-17-			21-16.1-			-S-	7.6-	86-		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4-3-1-1-	-1-	-	-	-	2.60
02-66.3277-165.8666-2-13-						0-402675-07/27/76-17-			21-16.1-			-S-	7.3-	57-		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4-3-1-1-	-1-	-	-	-	2.60
02-66.3541-165.8230-2-13-						0-402676-07/27/76-18-			20-16.1-			-S-	7.5-	49-		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4-3-1-1-	-1-	-	-	-	2.30
02-66.3208-165.9533-2-13-						0-402678-07/27/76-18-			21-16.6-			-S-	7.4-	45-		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4-3-1-1-	-1-	-	-	-	2.50
02-66.3375-165.4461-2-13-						0-402680-07/27/76-18-			21-16.6-			-S-	7.4-	52-		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4-3-1-1-	-1-	-	-	-	2.30
02-66.2750-165.4460-2-13-						0-402681-07/27/76-18-			18-16.2-			-S-	7.7-	46-		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4-3-1-1-	-1-	-	-	-	2.60
02-66.2500-165.4249-2-13-						0-402682-07/27/76-18-			18-16.9-			-S-	7.5-	84-		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4-3-1-1-	-1-	-	-	-	2.40
02-66.2111-165.4444-2-13-						0-402683-07/27/76-18-			19-16.6-			-S-	7.7-	73-		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4-3-1-1-	-1-	-	-	-	2.90
02-66.2116-165.4997-2-13-						0-402684-07/27/76-18-			19-18.1-			-S-	7.7-	45-		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4-3-1-1-	-1-	-	-	-	2.20
02-66.1650-165.4605-2-13-						0-402685-07/27/76-18-			20-17.5-			-S-	7.4-	145-		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4-3-1-1-	-1-	-	-	-	2.60
02-66.0483-165.0463-2-13-						0-402687-07/27/76-18-			20-17.9-			-S-	7.8-	54-		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4-3-1-1-	-1-	-	-	-	2.70
02-66.0125-164.9375-2-13-						0-402688-07/27/76-18-			19-17.8-			-S-	7.7-	108-		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4-3-1-1-	-1-	-	-	-	2.60
02-66.0027-164.8083-2-13-						0-402689-07/27/76-18-			21-17.8-			-S-	8.2-	33-		-2-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4-3-1-1-	-1-	-	-	-	2.30
02-66.0138-164.7361-2-13-						0-402785-07/29/76-13-			8-14.1-			-S-	8.1-	3-		-2-7-6-6-	-3-1-	-3-3-3-4-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.20
02-66.0555-164.7375-2-12-						0-402786-07/29/76-13-			8-11.6-			-	7.4-	45-		6-2-7-4-6-2-3-1-2-4-3-3-4-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.40
02-66.0472-164.7771-2-12-						0-402787-07/29/76-13-			10-11.2-			-	8.0-	50-		6-2-7-4-6-3-2-1-2-3-3-3-4-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.70
02-66.0972-164.8875-2-13-						0-402788-07/29/76-14-			8-14.9-			-S-	7.3-	54-		-2-7-6-6-	-3-1-	-3-3-3-4-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.50
02-66.1263-165.0083-2-13-						0-402789-07/29/76-14-			9-14.7-			-S-	7.1-	152-		-2-7-6-6-	-3-1-	-3-3-3-4-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70
02-66.1444-165.0736-2-12-						0-402790-07/29/76-14-			9-10.8-			-	7.0-	65-		13-2-7-4-6-3-3-1-2-3-3-3-4-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00
02-66.1944-165.1555-2-13-						0-402792-07/29/76-14-			9-14.8-			-S-	7.8-	3-		-2-7-6-6-	-3-1-	-4-3-3-4-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70
02-66.2055-165.2541-2-13-						0-402793-07/29/76-14-			10-14.5-			-S-	8.2-	22-		-2-7-4-6-	-3-1-	-4-3-3-4-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70
02-66.2419-165.3111-2-13-						0-402794-07/29/76-14-			10-14.4-			-S-	7.4-	35-		-7-2-6-6-	-3-1-	-3-3-3-4-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.10
02-66.2875-165.3277-2-13-						0-402795-07/29/76-14-			10-14.2-			-S-	7.4-	55-		-7-2-6-6-	-3-1-	-4-3-3-4-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.20
02-66.3166-165.3694-2-12-						0-402796-07/29/76-14-			9-11.0-			-	7.6-	60-		13-7-2-4-6-2-3-1-2-4-3-3-4-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.70
02-66.3486-165.3416-2-12-						0-402797-07/29/76-14-			10-10.8-			-	7.2-	60-		6-7-2-4-6-2-3-1-2-4-3-3-4-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.50
02-66.4027-165.2833-2-13-						0-402798-07/29/76-14-			10-14.3-			-S-	7.4-	80-		-7-2-6-6-	-3-1-2-	4-3-3-4-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.90
02-66.3888-165.1803-2-13-						0-402799-07/29/76-14-			10-14.5-			-S-	7.6-	47-		-7-2-6-6-	-3-1-	-4-3-3-4-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.50
02-66.3944-165.0819-2-12-						0-402801-07/29/76-14-			10-12.8-			-	8.0-	50-		9-7-2-4-6-2-3-1-2-4-3-2-4-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.30
02-66.3638-165.0976-2-12-						0-402802-07/29/76-14-			10-11.6-			-	7.8-	90-		6-7-2-4-6-2-3-1-2-3-3-2-4-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.20
02-66.3208-165.1777-2-13-						0-402803-07/29/76-15-			10-14.8-			-	7.6-	50-		6-7-2-6-6-	-3-1-	-4-3-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.70
02-66.3263-165.1660-2-13-						0-402804-07/29/76-15-			10-17.0-			-	7.6-	70-		0-7-2-6-6-	-3-1-	-4-3-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80
02-66.2752-165.1791-2-12-						0-402805-07/29/76-15-			10-13.0-			-	7.6-	50-		6-2-7-5-6-2-3-1-2-3-3-3-4-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.70
02-66.2916-165.1521-2-12-						0-402806-07/29/76-15-			10-11.9-			-	7.6-	70-		6-2-7-4-6-2-3-1-2-3-3-3-4-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.70
02-66.2333-165.1833-2-12-						0-402808-07/29/76-15-			9-12.6-			-	7.8-	70-		13-7-2-5-6-2-3-1-2-4-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.30
02-66.2375-164.9241-2-12-						0-402809-07/29/76-15-			9-14.0-			-	7.6-	100-		6-7-2-5-6-2-3-1-2-3-3-3-4-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.20
02-66.2494-164.9803-2-12-						0-402810-07/29/76-15-			9-10.6-			-	7.8-	90-		0-7-2-5-6-2-3-1-2-3-3-3-4-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.60
02-66.2069-164.8706-2-13-						0-402811-07/29/76-15-			10-14.8-			-S-	7.5-	45-		-7-2-6-6-	-3-1-	-3-3-	-	-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.50

APPENDIX C (continued). Field Data and Uranium Concentrations for Sediment Samples

Column headings: DOE SAMPLE NUMBER (STATE, LATITUDE, LONGITUDE, DOE LAB, SAMPLE TYPE, REPLICATE); LASL SAMPLE LOCATION NUMBER AND FIELD DATA (LASL SAMPLE LOCATION NUMBER, TIME SAMPLED: DATE, HOUR; AIR TEMPERATURE, WATER TEMPERATURE, COMMENTS, SPECIAL MEASUREMENTS, pH, SPECIFIC CONDUCTANCE (μmho/cm), SCINTILLOMETER (eU ppm), ROCK TYPE, ROCK COLOR, SEDIMENT TYPE, SEDIMENT COLOR, WATER FLOW, WATER LEVEL, WATER COLOR, STREAM CHANNEL, VEGETATION TYPE, VEGETATION DENSITY, RELIEF, WEATHER, OWNERSHIP, CONTAMINANTS, WELL TYPE, WELL DIAMETER (INCHES), WELL DEPTH (FEET), WATER DEPTH (FEET)); U CONCENTRATION: SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC), UNITS IN ppm

DOE SAMPLE NUMBER	LASL SAMPLE LOCATION NUMBER AND FIELD DATA	U CONCENTRATION (ppm)
02-66.1800-164.8277-2-13-	0-402812-07/29/76-15- 1[illegible] - - 7.4- [illegible] - - - - -	2.70
02-66.1375-164.7722-2-13-	0-402813-07/29/76-15- 10-14.5- -S- 7.1- 20- -7-2-6-6- -3-1- -4-3-2-4- -1- - - - -	2.20
02-66.1375-164.6430-2-12-	0-402814-07/29/76-15- 9-11.0- - - 8.2- 70- 6-2-7-5-6-2-3-1-2-4-3-3-4- -1- - - - -	2.60
02-66.1222-164.6736-2-12-	0-402815-07/29/76-15- 10-12.6- - - 8.0- 150- 19-2-7-6-6-2-3-1-2-3-3-3-4- -1- - - - -	2.40
02-66.0958-164.5958-2-12-	0-402816-07/29/76-16- 10-11.0- - - 7.6- 200- 6-2-7-5-6-2-3-1-2-4-3-2-3- -1- - - - -	1.20
02-66.0750-164.6444-2-12-	0-402817-07/29/76-16- 10-12.8- - - 7.2- 60- 6-2-7-4-6-2-3-1-2-3-3-3-3- -1- - - - -	3.60
02-66.1055-164.5444-2-13-	0-402818-07/29/76-15- 10-14.3- -S- 7.7- 42- -7-2-6-6- -3-1- -4-3-2-4- -1- - - - -	2.40
02-66.0586-164.4694-2-12-	0-402819-07/29/76-16- 10-10.6- - - 7.2- 37- 6-2-7-6-6-2-3-1-2-4-3-2-3- -1- - - - -	2.70
02-66.0722-164.4305-2-12-	0-402820-07/29/76-16- 10-11.0- - - 7.6- 45- 0-2-7-5-6-2-3-1-2-4-3-2-3- -1- - - - -	3.10
02-66.0388-164.4750-2-12-	0-402822-07/29/76-16- 10-12.0- - - 7.2- 42- 26-2-7-5-6-2-3-2-1-4-3-3-3- -1- - - - -	3.40
02-66.0652-164.8861-2-13-	0-402827-07/30/76-13- 13-14.3- -S- 8.6- 44- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	2.50
02-66.2277-164.8194-2-13-	0-402830-07/30/76-13- 16-14.4- -S- 7.9- 38- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	2.50
02-66.2944-164.8416-2-12-	0-402831-07/30/76-13- 15-11.7- - - 7.3- 70- 16-2-7-4-6-2-3-1-2-4-3-1-2- -1- - - - -	2.60
02-66.2861-164.8750-2-12-	0-402832-07/30/76-13- 15-12.3- - - - 70- 16-2-7-4-6-2-3-1-2-4-3-1-2- -1- - - - -	2.50
02-66.3111-164.8250-2-12-	0-402833-07/30/76-13- 16-13.2- - - 7.1- 70- 6-2-7-4-6-2-3-1-2-4-3-1-2- -1- - - - -	3.00
02-66.3166-164.8638-2-12-	0-402834-07/30/76-13- 16-14.0- - - 7.0- 70- 0-2-7-4-6-2-3-1-2-4-3-1-2- -1- - - - -	2.40
02-66.3652-164.8361-2-13-	0-402835-07/30/76-13- 15-13.7- -S- 7.8- 69- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	2.50
02-66.3686-164.8666-2-13-	0-402836-07/30/76-14- 15-13.7- -S- 7.8- 59- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	2.40
02-66.4000-164.7833-2-13-	0-402837-07/30/76-14- 15-14.2- -S- 7.4- 67- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	2.50
02-66.4111-164.8666-2-13-	0-402838-07/30/76-14- 16-13.8- -S- 7.6- 60- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	2.30
02-66.4861-164.7666-2-13-	0-402841-07/30/76-14- 16-13.2- -S- 8.4- 83- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	1.20
02-66.4916-164.0833-2-13-	0-402842-07/30/76-14- 16-13.6- -S- 8.1- 50- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	2.30
02-66.5277-164.0527-2-13-	0-402843-07/30/76-14- 15-13.7- -S- 7.8- 97- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	2.50
02-66.5347-164.2888-2-13-	0-402844-07/30/76-14- 16-14.1- -S- 7.9- 83- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	2.30
02-66.5611-164.4388-2-13-	0-402846-07/30/76-14- 15-14.4- -S- 7.9- 168- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	2.60
02-66.5505-164.3722-2-13-	0-402847-07/30/76-14- 15-13.9- -S- 8.0- 131- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	2.50
02-66.5708-164.3555-2-13-	0-402848-07/30/76-14- 16-14.2- -S- 8.3- 40- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	2.10
02-66.5680-164.2555-2-13-	0-402849-07/30/76-14- 17-14.1- -S- 8.0- 42- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	2.70
02-66.5375-164.2222-2-13-	0-402850-07/30/76-14- 17-14.1- -S- 7.9- 40- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	2.60
02-66.5444-164.1347-2-13-	0-402851-07/30/76-14- 17-14.3- -S- 7.6- 147- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	2.90
02-66.5875-164.0067-2-13-	0-402853-07/30/76-14- 15-13.5- -S- 7.9- 118- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	1.30
02-66.5616-163.9861-2-13-	0-402854-07/30/76-15- 15-14.2- -S- 8.0- 72- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	2.40
02-66.5513-163.9416-2-13-	0-402855-07/30/76-15- 15-14.1- -S- 7.6- 88- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	3.00
02-66.5805-163.9027-2-13-	0-402856-07/30/76-15- 16-12.9- - - 7.7- 248- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	1.70
02-66.5833-163.8166-2-13-	0-402857-07/30/76-15- 16-12.9- - - 7.0- 171- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	1.30
02-66.5727-163.7083-2-13-	0-402858-07/30/76-15- 16-13.4- -S- 7.8- 288- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	1.50
02-66.5305-163.7972-2-13-	0-402859-07/30/76-15- 18-13.8- -S- 8.1- 67- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	2.50
02-66.4977-163.8194-2-13-	0-402860-07/30/76-15- 15-13.8- -S- 7.6- 132- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	2.70
02-66.4958-163.8805-2-13-	0-402861-07/30/76-15- 15-14.4- -S- 7.9- 81- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	2.50
02-66.4944-164.0208-2-13-	0-402862-07/30/76-15- 17-14.1- -S- 7.9- 51- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	2.00
02-66.4713-164.5347-2-13-	0-402868-07/30/76-15- 15-14.7- -S- 7.9- 42- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	2.50
02-66.4236-164.5916-2-13-	0-402870-07/30/76-15- 15-14.9- -S- 8.2- 48- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	2.40
02-66.3375-164.6916-2-13-	0-402872-07/30/76-16- 16-14.1- -S- 7.9- 37- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	2.00
02-66.2819-164.7097-2-13-	0-402873-07/30/76-16- 16-15.2- -S- 7.9- 37- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	3.00
02-66.2527-164.7067-2-13-	0-402874-07/30/76-16- 15-15.3- -S- 7.5- 220- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	2.60
02-66.1986-164.7000-2-13-	0-402875-07/30/76-16- 15-14.9- -S- 8.5- 33- -2-7-4-6- - - - -4-3-1-2- -1- - - - -	2.30
02-66.1200-164.2633-2-13-	0-402958-07/31/76-19- 16-15.9- -S- 7.6- 73- -2-7-4-6- -3-1- -4-3-3-2- -1- - - - -	2.90
02-66.1294-164.2100-2-13-	0-402959-07/31/76-19- 16-16.4- -S- 7.8- 32- -2-7-4-6- -3-1- -4-3-3-2- -1- - - - -	2.80
02-66.1355-164.2316-2-13-	0-402960-07/31/76-19- 16-15.8- -S- 7.5- 47- -2-7-4-6- - - - -4-3-3-2- -1- - - - -	2.60
02-66.2083-164.2902-2-12-	0-402961-07/31/76-19- 16-10.2-C- - - 700- 6-2-7-4-6-3-3-1-2-4-3-3-2- -1- - - - -	2.90
02-66.1805-164.3050-2-13-	0-402962-07/31/76-19- 16-11.2-C- - - 1500- 16-2-7-4-6- -3-1- -4-3-3-2- -1- - - - -	2.80

APPENDIX C (continued). Field Data and Uranium Concentrations for Sediment Samples

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																							U CONCENTRATION
							TIME SAMPLED																							SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	DATE	HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (μmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	
02-66.1600-164.3700-2-1C-						0-402964-07/31/76-19-			16-	11.4-	C-	-	-	140-																					2.40
02-66.1583-164.4466-2-1C-						0-402965-07/31/76-19-			16-	11.4-	C-	-	-	220-																					2.20
02-66.1255-164.4100-2-1C-						0-402966-07/31/76-20-			16-	10.6-	C-	-	-	55-																					2.00
02-66.1600-164.5333-2-1D-						0-402967-07/31/76-20-			16-	16.5-	-	S-	8.4-	155-																					2.40
02-66.2063-164.5152-2-1D-						0-402968-07/31/76-20-			16-	11.8-	C-	-	-	70-																					2.30
02-66.2197-164.4966-2-1C-						0-402969-07/31/76-20-			16-	11.6-	C-	-	-	70-																					2.20
02-66.2080-164.5360-2-1C-						0-402970-07/31/76-20-			16-	11.8-	C-	-	-	60-																					1.80
02-66.2236-164.5500-2-1C-						0-402971-07/31/76-20-			16-	-	-	-	-	-																					1.90
02-66.2733-164.5766-2-1D-						0-402972-07/31/76-20-			17-	16.4-	-	S-	8.2-	2-																					2.40
02-66.4355-164.4950-2-1D-						0-402976-07/31/76-20-			16-	15.5-	-	S-	7.4-	2-																					2.30
02-66.4166-164.3566-2-1C-						0-402979-07/31/76-20-			15-	10.8-	C-	-	-	110-																					0.90
02-66.4186-164.3075-2-1D-						0-402980-07/31/76-20-			15-	-	-	-	-	-																					1.40
02-66.3613-164.3100-2-1C-						0-402981-07/31/76-20-			15-	11.8-	C-	-	-	45-																					1.90
02-66.3761-164.3508-2-1C-						0-402982-07/31/76-20-			15-	11.4-	C-	-	-	95-																					1.80
02-66.3166-164.4100-2-1D-						0-402985-07/31/76-21-			15-	15.2-	C-	S-	7.6-	56-																					2.10
02-66.2633-164.4111-2-1D-						0-402987-07/31/76-21-			16-	16.1-	-	-	7.7-	38-																					2.80
02-66.2266-164.3700-2-1D-						0-402988-07/31/76-21-			15-	15.1-	-	S-	7.3-	35-																					2.50
02-66.2294-164.3000-2-1D-						0-402989-07/31/76-21-			14-	15.7-	-	S-	7.5-	118-																					2.70
02-66.1766-164.2000-2-1D-						0-402990-07/31/76-21-			14-	16.2-	-	S-	7.9-	61-																					2.60
02-66.1666-164.0541-2-1D-						0-402991-07/31/76-21-			15-	15.4-	-	S-	7.5-	72-																					2.00
02-66.1211-164.1216-2-1D-						0-402992-07/31/76-21-			16-	15.7-	-	S-	7.6-	2-																					2.60
02-66.0766-164.2066-2-1D-						0-402993-07/31/76-21-			13-	16.1-	-	S-	7.5-	14-																					2.70
02-66.0100-164.2833-2-1C-						0-402995-07/31/76-21-			14-	11.4-	C-	-	-	60-																					3.90
02-66.0166-164.1033-2-1D-						0-403011-08/01/76- 7-			10-	14.1-	-	S-	7.8-	72-																					2.50
02-66.0650-164.0866-2-1D-						0-403012-08/01/76- 7-			10-	14.3-	-	S-	7.9-	98-																					2.70
02-66.1375-163.9933-2-1D-						0-403013-08/01/76- 8-			9-	13.8-	-	S-	7.8-	359-																					2.70
02-66.2250-163.9866-2-1D-						0-403015-08/01/76- 8-			10-	14.2-	-	S-	6.4-	43-																					2.20
02-66.2333-164.0233-2-1D-						0-403016-08/01/76- 8-			10-	14.4-	-	S-	6.8-	64-																					2.20
02-66.2505-164.1377-2-1D-						0-403017-08/01/76- 8-			9-	14.7-	-	S-	7.3-	142-																					2.70
02-66.2666-164.1433-2-1D-						0-403018-08/01/76- 8-			10-	14.6-	-	S-	7.7-	79-																					2.60
02-66.3266-164.1966-2-1D-						0-403021-08/01/76- 8-			9-	15.2-	-	S-	7.8-	40-																					2.00
02-66.3600-164.1666-2-1D-						0-403022-08/01/76- 8-			9-	14.3-	-	S-	7.8-	28-																					2.40
02-66.4155-164.1600-2-1D-						0-403023-08/01/76- 8-			8-	14.8-	-	S-	7.3-	128-																					2.00
02-66.4566-164.2266-2-1D-						0-403024-08/01/76- 8-			9-	13.2-	-	S-	7.2-	102-																					2.50
02-66.4533-164.1566-2-1D-						0-403025-08/01/76- 8-			7-	14.6-	-	S-	7.8-	75-																					2.50
02-66.4666-164.0472-2-1D-						0-403026-08/01/76- 8-			9-	14.3-	-	S-	7.7-	95-																					2.40
02-66.4600-163.9783-2-1D-						0-403027-08/01/76- 8-			10-	14.4-	-	S-	7.8-	43-																					2.30
02-66.4511-163.8427-2-1D-						0-403028-08/01/76- 9-			10-	14.2-	-	S-	7.8-	33-																					2.40
02-66.4663-163.7633-2-1D-						0-403029-08/01/76- 9-			10-	13.6-	-	S-	7.8-	196-																					2.40
02-66.4055-163.9266-2-1D-						0-403031-08/01/76- 9-			10-	13.7-	-	S-	7.9-	49-																					2.20
02-66.4055-164.0333-2-1D-						0-403032-08/01/76- 8-			10-	13.8-	-	S-	7.6-	50-																					2.50
02-66.3805-163.9472-2-1D-						0-403034-07/01/76- 9-			9-	14.3-	-	S-	8.6-	57-																					2.40
02-66.3708-163.8708-2-1D-						0-403035-07/01/76- 9-			9-	10.3-	-	S-	8.0-	70-																					2.50
02-66.3208-163.8866-2-1D-						0-403036-08/01/76- 9-			10-	13.5-	-	S-	8.0-	147-																					2.50
02-66.3255-163.9310-2-1D-						0-403037-08/01/76- 9-			10-	13.9-	-	S-	7.8-	78-																					2.10
02-66.2938-163.9433-2-1D-						0-403040-08/01/76- 9-			10-	14.5-	-	S-	7.7-	132-																					1.90
02-66.1483-163.8900-2-1D-						0-403044-08/01/76- 9-			10-	13.2-	-	S-	7.4-	95-																					1.20
02-66.1202-163.9733-2-1D-						0-403045-08/01/76- 9-			10-	13.7-	-	S-	7.1-	20-																					2.60
02-66.0616-163.9500-2-1D-						0-403046-08/01/76-11-			12-	14.6-	-	S-	7.7-	34-																					2.60
02-66.0666-163.9183-2-1D-						0-403047-08/01/76-11-			12-	14.5-	-	S-	7.3-	57-																					2.60
02-66.1030-163.9077-2-1C-						0-403048-08/01/76-11-			12-	14.6-	-	S-	7.3-	25-																					2.50

APPENDIX C (continued). Field Data and Uranium Concentrations for Sediment Samples

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
02	66.0900	163.7966	2	1	3	0-403049	08/01/76	11	12	14.5		S	7.2	62		3	6	5	6		3	1		4	3	2	2	1					2.50
02	66.0594	163.6960	2	1	3	0-403051	08/01/76	11	14	14.1		S	6.8	1782		3	6	6	6		3	2												2.30
02	66.0250	163.6100	2	1	3	0-403052	08/01/76	11	13	14.7		S	7.6	76		3	6	6	6		3	1		4	3	2	2	1					2.90
02	66.0247	163.5889	2	1	4	0-403053	08/01/76	11	14	12.6			8.0	26		6	3	6	4	6	2	3	1	2	3	3	2	2	1					2.40
02	66.0527	163.4900	2	1	2	0-403055	08/01/76	11	14	12.6			7.4	28		0	3	7	5	6	2	2	2	2	4	3	2	2	1					2.60
02	66.0400	163.4739	2	1	2	0-403056	08/01/76	11	14	13.2			7.4	27		0	3	6	6	6	2	2	2	2	4	3	2	2	1					2.00
02	66.0666	163.3550	2	1	3	0-403057	08/01/76	11	13	14.2		S	6.7	49		3	6	6	6		3	1		4	3	2	2	1					2.40
02	66.0400	163.2888	2	1	3	0-403058	08/01/76	11	14							0	3	6	4	6			2	4	3	2	2	1					1.50
02	66.0325	163.2333	2	1	2	0-403059	08/01/76	11	14	13.9			7.5	40		0	3	6	6	6	2	3	2	1	4	3	2	2	1					2.00
02	66.0583	163.1263	2	1	3	0-403060	08/01/76	12	12	16.8	C	S	6.5			3	6	4	6		3	1		4	3	2	2	1					2.60
02	66.0152	163.1438	2	1	3	0-403061	07/01/76	12	14	15.6		S	9.2	58		3	6	6	6		3	2		4	3	2	2	1					2.80
02	66.0633	163.0216	2	1	3	0-403062	08/01/76	12	13	15.6		S	7.6	128		3	6	5	6		3	1		4	3	2	2	1					2.00
02	66.0638	162.9200	2	1	3	0-403063	08/01/76	12	12	15.4		S	7.3	79		3	6	5	6		3	1		4	3	2	2	1					3.20
02	66.0586	162.8466	2	1	3	0-403064	08/01/76	12	11	16.9		S	7.6	46		3	6	6	6		3	1		4	3	2	2	1					2.70
02	66.0600	162.7533	2	1	3	0-403065	07/01/76	12	14	16.3		S	7.4	33		3	6	6	6		3	1		4	3	2	2	1					2.90
02	66.0269	162.7366	2	1	3	0-403066	08/01/76	12	11							3	2	7	6	6			2	4	3	3	2	1					2.10
02	66.0208	162.8416	2	1	3	0-403067	08/01/76	12	11	16.0		S	7.5	86		3	6	6	6		3	1		4	3	2	1	1					2.70
02	66.0172	162.9233	2	1	3	0-403068	08/01/76	12	13	16.9		S	7.2	68		3	6	5	6		3	1		4	3	3	1	1					2.60
02	66.0127	163.0450	2	1	3	0-403069	08/01/76	12		18.4		S	6.4	28		3	6	6	6		3	1		4	3	3	1	1					2.40
02	66.0166	163.8430	2	1	4	0-403126	08	20	16	10.8			7.9	30		19	2	7	4	6	2	3	1	2	4	3	3	3	1					1.80
02	66.0113	161.4133	2	1	2	0-403970	08/12/76	8	15	11.4			8.2	325		16	3	6	5	6	2	2	1	2	4	3	2	2	1					0.50
02	66.0752	161.4266	2	1	2	0-403971	08/12/76	8	15	11.6			7.9	285		4	3	6	5	6	2	2	1	2	4	3	2	2	1					0.70
02	66.0705	161.3333	2	1	2	0-403972	08/12/76	8	15	10.9			8.0	300		14	3	6	5	6	2	2	1	2	4	3	2	2	1					0.60
02	66.0261	161.3333	2	1	2	0-403973	08/12/76	8	15	11.0			7.6	220		23	3	6	5	6	2	2	1	2	4	3	2	2	1					0.60
02	66.0166	161.2377	2	1	3	0-403974	08/12/76	8	15	16.3		S	8.3	703		3	6	5	6		3	2		3	3	2	2	1					3.40
02	66.0766	161.2366	2	1	3	0-403975	08/12/76	8	15	16.9			8.6	650		3	6	5	6		3	2		3	3	2	2	1					3.40
02	66.0683	161.1933	2	1	3	0-403976	08/12/76	8	15	16.3		S	9.0	20		3	6	5	6		3	1		3	3	2	2	1					2.50
02	66.0200	161.1350	2	1	2	0-403977	08/12/76	8	15	16.6		S	8.9	36		3	6	5	6		3	1		3	3	2	2	1					2.60
02	66.0733	161.0500	2	1	2	0-403979	08/12/76	9	15	12.2			7.4	500		4	3	6	5	6	2	3	1	2	3	3	2	2	1					3.30
02	66.0166	160.9450	2	1	2	0-403980	08/12/76	9	14	13.4			8.2	115		14	3	6	5	6	3	3	1	2	3	3	2	2	1					3.30
02	66.0544	160.9400	2	1	2	0-403981	08/12/76	9	15	12.8			7.6	225		18	3	6	5	6	2	3	1	2	3	3	2	2	1					3.30
02	66.1066	161.0533	2	1	2	0-403982	08/12/76	9	14	13.8			7.2	325		4	3	6	5	6	2	3	1	2	3	3	2	2	1					2.60
02	66.1433	161.0266	2	1	2	0-403983	08/12/76	9	14	13.2			7.6	200		4	3	6	5	6	2	3	1	2	3	3	2	2	1					2.00
02	66.0972	161.1100	2	1	3	0-403984	08/12/76	9	14	13.6	C		7.0	220		4	3	6	7	6		3	1	2	3	3	2	2	1					3.60
02	66.1533	161.1400	2	1	2	0-403985	08/12/76	9	14	12.9	C		7.7	215		14	3	6	7	6	2	3	1	2	3	3	2	2	1					3.30
02	66.1222	161.2333	2	1	3	0-403986	08/12/76	9	15	16.1		S	8.2	6500		3	6	5	6		3	4		3	3	2	2	1					3.90
02	66.1483	161.2466	2	1	3	0-403987	08/12/76	9	14	16.4			8.0	5825		3	6	5	6		3	4		3	3	2	2	1					3.80
02	66.2000	161.2941	2	1	3	0-403988	08/12/76	9	15	15.5		S	9.5	37		3	6	6	6		3	4		3	3	2	2	1					2.20
02	66.2161	161.3300	2	1	3	0-403989	08/12/76	9	15	15.0		S	8.9	45		3	6	6	6		3	4		3	3	2	2	1					2.30
02	66.1900	161.1500	2	1	3	0-403990	08/12/76	9	15	16.1		S	7.6	227		3	6	5	6		3	1		3	3	2	2	1					2.30
02	66.2166	161.0966	2	1	3	0-403991	08/12/76	9	15	16.4			7.8	300		3	6	5	6		3	1		3	3	2	2	1					2.30
02	66.2266	161.0733	2	1	3	0-403992	08/12/76	9	15	14.2		S	8.3	7090		3	6	5	6		3	1		4	3	2	2	1					4.30
02	66.2105	160.9600	2	1	3	0-403993	08/12/76	9	15	14.5		S	8.0	6985		3	6	5	6		3	1		4	3	2	2	1					2.30
02	66.2366	160.9611	2	1	3	0-403994	08/12/76	9	15	14.0	C	S	7.8			3	6	5	6		3	2		4	3	2	2	1					3.40
02	66.2983	161.0160	2	1	3	0-403996	08/12/76	9	16	16.2		S	9.9	35		3	6	5	6		3	1		4	3	2	2	1					23.10
02	66.2680	160.9694	2	1	3	0-403997	08/12/76	9	16	16.4		S	10.0	42		3	6	5	6		3	1		4	3	2	2	1					6.20
02	66.2666	160.8500	2	1	2	0-403998	08/12/76	10	16	15.4			7.6	96		14	3	6	4	6	2	3	1	2	4	3	2	2	1					5.10
02	66.2800	160.7333	2	1	2	0-403999	08/12/76	10	16	15.2			7.8	210		14	3	6	4	6	2	3	1	2	4	3	2	2	1					8.50
02	66.2416	160.7666	2	1	2	0-404000	08/12/76	10	16	14.9			7.2	118		11	3	6	4	6	2	3	1	2	4	3	2	2	1					6.00
02	66.7625	161.0883	2	1	3	0-404428	08/14/76	18	12	15.9			7.3	265		2	7	4	6		3	1		4	3	1	4	1					2.70
02	66.7550	161.1800	2	1	3	0-404429	08/14/76	18	12	15.2			8.0	225		2	7	4	6		3	1		4	3	1	4	1					2.40

APPENDIX C (continued). Field Data and Uranium Concentrations for Sediment Samples

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
							TIME SAMPLED																							SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	DATE	HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	
02-66.	7905-	161.8210-	2-	13-		0-404430-	08/14/76-	18-	12-16.1-		-S-		7.8-	392-		-2-7-5-6-		-3-1-		-4-3-2-3-		-1-		-		-		2.90
02-66.	7933-	161.7709-	2-	13-		0-404431-	08/14/76-	18-	12-16.3-		-S-		8.6-	227-		-2-7-5-6-		-3-1-		-4-3-1-4-		-1-		-		-		2.60
02-66.	7966-	161.8333-	2-	13-		0-404432-	08/14/76-	18-	12-15.7-		-S-		9.1-	268-		-2-7-4-6-		-3-1-		-4-3-1-4-		-1-		-		-		2.50
02-66.	7650-	161.8400-	2-	13-		0-404433-	08/14/76-	18-	12-15.8-		-S-		9.0-	250-		-2-7-4-6-		-3-1-		-4-3-1-4-		-1-		-		-		2.50
02-66.	7966-	161.8000-	2-	13-		0-404434-	08/14/76-	18-	12-16.4-		-S-		9.0-	137-		-2-7-4-6-		-3-1-		-4-3-1-4-		-1-		-		-		2.10
02-66.	7600-	161.8166-	2-	13-		0-404435-	08/14/76-	18-	12-16.4-		-S-		9.0-	150-		-2-7-4-6-		-3-1-		-4-3-1-4-		-1-		-		-		3.20
02-66.	8100-	161.4233-	2-	13-		0-404436-	08/14/76-	18-	12-15.8-		-S-		9.1-	149-		-2-7-4-6-		-3-1-		-4-3-1-4-		-1-		-		-		2.90
02-66.	7594-	161.4233-	2-	13-		0-404437-	08/14/76-	18-	12-16.0-		-S-		9.0-	150-		-2-7-4-6-		-3-1-		-4-3-1-4-		-1-		-		-		2.10
02-66.	7572-	161.4200-	2-	13-		0-404438-	08/14/76-	18-	12-16.5-		-S-		9.1-	66-		-2-7-4-6-		-3-1-		-4-3-1-4-		-1-		-		-		3.10
02-66.	7933-	161.4900-	2-	13-		0-404439-	08/14/76-	18-	12-16.9-		-S-		8.4-	116-		-2-7-4-6-		-3-1-		-4-3-1-4-		-1-		-		-		2.50
02-66.	7872-	161.4066-	2-	13-		0-404440-	08/14/76-	18-	12-16.5-		-	-	8.2-	110-		-2-7-4-6-		-3-1-		-4-3-1-4-		-1-		-		-		3.30
02-66.	7544-	161.1733-	2-	13-		0-404441-	08/14/76-	18-	12-16.2-		-S-		8.4-	76-		-2-7-4-6-		-3-1-		-4-3-1-4-		-1-		-		-		2.90
02-66.	7700-	161.0500-	2-	13-		0-404442-	08/14/76-	18-	12-16.5-		-S-		8.2-	80-		-2-7-4-6-		-3-1-		-4-3-1-4-		-1-		-		-		2.90
02-66.	7913-	161.0500-	2-	13-		0-404443-	08/14/76-	18-	12-16.4-		-S-		8.3-	105-		-2-7-4-6-		-3-1-		-4-3-1-4-		-1-		-		-		3.00
02-66.	7555-	161.0000-	2-	13-		0-404444-	08/14/76-	18-	12-15.8-		-	-	7.9-	226-		-2-7-4-6-		-3-1-		-4-3-1-4-		-1-		-		-		2.50
02-66.	8016-	160.9500-	2-	13-		0-404445-	08/14/76-	18-	12-16.0-		-S-		8.5-	66-		-2-7-4-6-		-3-1-		-4-3-1-4-		-1-		-		-		2.60
02-66.	8133-	160.8833-	2-	13-		0-404446-	08/14/76-	18-	12-16.0-		-S-		8.2-	69-		-2-7-4-6-		-3-1-		-4-3-1-4-		-1-		-		-		2.70
02-66.	7733-	160.8433-	2-	13-		0-404447-	08/14/76-	18-	12-16.7-		-S-		8.4-	20-		-2-7-5-6-		-3-1-		-4-3-1-4-		-1-		-		-		3.20
02-66.	7200-	160.8360-	2-	13-		0-404448-	08/14/76-	19-	12-15.9-		-S-		8.1-	14-		-2-7-4-6-		-3-1-		-4-3-1-4-		-1-		-		-		2.70
02-66.	7033-	160.7633-	2-	13-		0-404449-	08/14/76-	19-	12-16.2-		-S-		7.6-	30-		-2-7-5-6-		-3-1-		-4-3-1-4-		-1-		-		-		2.00
02-66.	7466-	160.7233-	2-	13-		0-404450-	08/14/76-	19-	12-16.0-		-S-		7.8-	46-		-2-7-4-6-		-3-1-		-4-3-1-4-		-1-		-		-		2.60
02-66.	7077-	160.6750-	2-	12-		0-404451-	08/14/76-	18-	12-14.3-		-	-	7.8-	122-		-2-7-4-6-2-3-1-2-4-3-1-4-						-1-		-		-		3.10
02-66.	7522-	160.6433-	2-	12-		0-404452-	08/14/76-	19-	12-14.2-		-	-	7.4-	180-		-2-7-4-6-2-3-1-2-4-3-1-4-						-1-		-		-		2.60
02-66.	7500-	160.5708-	2-	12-		0-404453-	08/14/76-	19-	12-14.0-		-	-	7.2-	136-		-2-7-4-6-2-3-1-2-4-3-1-4-						-1-		-		-		2.60
02-66.	7066-	160.5566-	2-	12-		0-404454-	08/14/76-	19-	12-13.6-		-	-	7.1-	112-		-2-7-4-6-2-3-1-2-4-3-1-4-						-1-		-		-		3.00
02-66.	7533-	160.4566-	2-	12-		0-404455-	08/14/76-	19-	12-13.6-		-	-	7.6-	110-		-2-7-4-6-2-3-1-2-4-3-1-4-						-1-		-		-		3.10
02-66.	7166-	160.4500-	2-	12-		0-404456-	08/14/76-	19-	12-13.8-		-	-	7.4-	120-		-2-7-4-6-2-3-1-2-4-3-1-4-						-1-		-		-		2.10
02-66.	6783-	160.4433-	2-	13-		0-404457-	08/14/76-	19-	12-15.4-		-S-		8.0-	14-		-2-7-4-6-		-3-1-		-4-3-1-4-		-1-		-		-		2.60
02-66.	6472-	160.4833-	2-	13-		0-404458-	08/14/76-	19-	12-15.8-		-S-		7.6-	19-		-2-7-5-6-		-3-1-		-4-3-1-4-		-1-		-		-		2.10
02-66.	6283-	160.5233-	2-	13-		0-404459-	08/14/76-	19-	12-15.9-		-S-		7.1-	170-		-2-7-4-6-		-3-1-		-4-3-1-4-		-1-		-		-		2.80
02-66.	6000-	160.5166-	2-	13-		0-404460-	08/14/76-	19-	12-16.2-		-S-		7.6-	33-		-2-7-5-6-		-3-1-		-3-3-1-4-		-1-		-		-		2.50
02-66.	5916-	160.6133-	2-	12-		0-404461-	08/14/76-	19-	12-10.2-		-	-	7.8-	140-		-2-7-4-6-2-3-1-2-3-3-1-4-						-1-		-		-		2.50
02-66.	6266-	160.6300-	2-	12-		0-404462-	08/14/76-	14-	12-11.8-		-	-	8.0-	95-		-2-7-4-6-2-3-1-2-3-3-1-4-						-1-		-		-		2.80
02-66.	6700-	160.5533-	2-	12-		0-404463-	08/14/76-	19-	12-11.2-		-	-	7.6-	100-		-2-7-4-6-2-3-1-2-4-3-1-4-						-1-		-		-		2.50
02-66.	6666-	160.6050-	2-	12-		0-404464-	08/14/76-	20-	12-13.6-		-	-	7.8-	22-		-2-7-4-6-2-3-1-2-4-3-1-4-						-1-		-		-		2.70
02-66.	6572-	160.7269-	2-	13-		0-404465-	08/14/76-	20-	12-14.8-		-S-		7.6-	48-		-2-7-5-6-		-3-1-		-4-3-1-4-		-1-		-		-		2.50
02-66.	6750-	160.8269-	2-	13-		0-404466-	08/14/76-	20-	12-15.4-		-S-		8.2-	95-		-2-7-5-6-		-3-1-		-4-3-1-4-		-1-		-		-		3.00
02-66.	7000-	160.9333-	2-	13-		0-404467-	08/14/76-	20-	12-15.8-		-S-		7.6-	2-		-2-7-6-6-		-3-2-		-4-3-1-4-		-1-		-		-		2.50
02-66.	6666-	160.9833-	2-	13-		0-404468-	08/14/76-	20-	12-15.6-		-S-		8.2-	190-		-2-7-6-6-		-3-1-		-3-3-1-3-		-1-		-		-		2.90
02-66.	6800-	161.1033-	2-	13-		0-404469-	08/14/76-	20-	12-15.6-		-S-		7.8-	20-		-2-7-5-6-		-3-1-		-3-3-1-4-		-1-		-		-		2.60
02-66.	7116-	161.0833-	2-	13-		0-404470-	08/14/76-	20-	12-15.2-		-S-		7.6-	35-		-2-7-5-6-		-3-2-		-3-3-1-4-		-1-		-		-		3.00
02-66.	6800-	161.1700-	2-	13-		0-404472-	08/14/76-	20-	12-15.6-		-S-		7.9-	276-		-2-7-5-6-		-3-2-		-3-3-1-3-		-1-		-		-		3.30
02-66.	6233-	161.2133-	2-	13-		0-404473-	08/14/76-	20-	12-16.4-		-S-		8.9-	15-		-2-7-5-6-		-3-1-		-4-3-1-4-		-1-		-		-		2.50
02-66.	6402-	161.2972-	2-	13-		0-404474-	08/14/76-	20-	12-14.6-		-S-		8.0-	55-		-2-7-5-6-		-3-1-		-4-3-1-4-		-1-		-		-		2.80
02-66.	6694-	161.2833-	2-	13-		0-404475-	08/14/76-	20-	12-15.0-		-S-		7.6-	60-		-2-7-6-6-		-3-1-		-4-3-1-4-		-1-		-		-		2.00
02-66.	5833-	161.3216-	2-	13-		0-404476-	08/14/76-	20-	12-16.7-		-S-		7.9-	32-		-2-7-5-6-		-3-1-		-4-3-1-4-		-1-		-		-		2.70
02-66.	5433-	161.2866-	2-	13-		0-404477-	08/14/76-	19-	12-15.4-		-S-		7.8-	125-		-2-7-5-6-		-3-1-		-4-3-1-4-		-1-		-		-		3.00
02-66.	5583-	161.4333-	2-	12-		0-404478-	08/14/76-	20-	12-15.6-		-	-	7.6-	212-		-2-7-5-6-2-3-1-2-3-3-1-4-						-1-		-		-		2.90
02-66.	5805-	161.3847-	2-	12-		0-404479-	08/14/76-	20-	12-15.0-		-	-	7.2-	185-		-2-7-5-6-2-3-1-2-3-3-1-4-						-1-		-		-		2.30
02-66.	6200-	161.3866-	2-	13-		0-404480-	08/14/76-	20-	12-16.0-		-S-		7.6-	120-		-2-7-5-6-		-3-1-		-3-3-1-4-		-1-		-		-		3.00
02-66.	6888-	161.4500-	2-	13-		0-404481-	08/14/76-	20-	12-15.6-		-S-		7.1-	136-		-2-7-6-6-		-3-1-		-3-3-1-3-		-1-		-		-		3.20

APPENDIX C (continued). Field Data and Uranium Concentrations for Sediment Samples

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
							TIME SAMPLED																							SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	DATE	HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	
02-66.7100-161.4100-2-13-						0-404482-08/14/76-20-	12-15.6-		-S-	7.2-	140-		-2-7-6-6-	-3-1-	-3-3-1-3-	-1-	-	-	-	-	2.00														
02-66.7283-161.3100-2-13-						0-404483-08/14/76-20-	12-15.4-		-S-	7.1-	130-		-2-7-6-6-	-3-1-	-3-3-1-3-	-1-	-	-	-	-	2.70														
02-66.7133-161.6333-2-13-						0-404485-08/14/76-20-	12-15.4-		-S-	7.0-	219-		-2-7-5-6-	-3-1-	-3-3-1-4-	-1-	-	-	-	-	2.60														
02-66.7244-161.7633-2-12-						0-404486-08/14/76-21-	12-13.6-		-	-	7.8-		220-		-2-7-5-6-2-3-1-2-3-3-1-4-		-1-	-	-	-	3.20														
02-66.7208-161.8250-2-12-						0-404487-08/15/76- 8-	12-13.6-C-		-	-			-		-2-7-4-6-2-3-1-2-3-3-1-4-		-1-	-	-	-	3.20														
02-66.9650-160.4700-2-13-						0-404505-08/15/76-10-	13-15.7-		-S-	9.1-	28-		-2-6-4-6-	-3-1-	-1-3-2-3-	-1-	-	-	-	-	3.40														
02-66.9633-160.3160-2-13-						0-404506-08/15/76-10-	13-15.5-		-S-	8.2-	45-		-2-6-4-6-	-3-1-	-1-3-2-3-	-1-	-	-	-	-	3.10														
02-66.9333-160.3700-2-13-						0-404507-08/15/76-10-	13-15.5-		-S-	8.3-	24-		-2-6-5-6-	-3-1-	-1-3-3-3-	-1-	-	-	-	-	3.60														
02-66.9400-160.4620-2-13-						0-404508-08/15/76-10-	13-17.8-		-S-	8.1-	61-		-2-6-	- -	-3-1-	-1-3-3-3-		-1-	-	-	-	3.60														
02-66.8902-160.3791-2-13-						0-404509-08/15/76-10-	13-15.5-		-S-	8.2-	47-		-2-6-	- -	-3-1-	-1-3-3-3-		-1-	-	-	-	2.90														
02-66.8838-160.3900-2-13-						0-404511-08/15/76-10-	13-15.5-		-S-	8.4-	38-		-2-6-4-6-	-3-1-	-1-3-3-3-	-1-	-	-	-	-	3.20														
02-66.8888-160.6833-2-13-						0-404512-08/15/76-10-	13-15.5-		-S-	7.8-	68-		-2-6-4-6-	-3-1-	-1-3-2-3-	-1-	-	-	-	-	3.20														
02-66.9027-160.7805-2-13-						0-404513-08/15/76-11-	13-15.3-		-S-	8.3-	14-		-2-6-4-6-	-3-1-	-1-3-2-3-	-1-	-	-	-	-	3.10														
02-66.8861-160.8750-2-13-						0-404514-08/15/76-11-	13-15.4-		-S-	7.7-	56-		-2-6-4-6-	-3-1-	-1-3-2-3-	-1-	-	-	-	-	2.90														
02-66.8983-161.0133-2-13-						0-404515-08/15/76-11-	13-15.4-		-S-	8.7-	68-		-2-6-5-6-	-3-1-	-1-3-2-3-	-1-	-	-	-	-	3.00														
02-66.8933-161.1266-2-13-						0-404516-08/15/76-11-	13-15.3-		-S-	8.9-	57-		-2-6-4-6-	-3-1-	-1-3-2-3-	-1-	-	-	-	-	3.60														
02-66.8750-161.2527-2-13-						0-404517-08/15/76-11-	13-15.2-		-S-	6.4-	109-		-2-6-4-6-	-3-1-	-1-3-2-3-	-1-	-	-	-	-	3.50														
02-66.8933-161.3233-2-13-						0-404518-08/15/76-11-	13-14.6-		-S-	8.7-	36-		-2-6-4-6-	-3-1-	-1-3-2-3-	-1-	-	-	-	-	3.00														
02-66.8866-161.4666-2-13-						0-404519-08/15/76-11-	13-14.6-		-S-	8.4-	15-		-2-6-4-6-	-3-1-	-1-3-2-3-	-1-	-	-	-	-	3.30														
02-66.8894-161.5800-2-13-						0-404520-08/15/76-11-	13-14.6-		-S-	7.7-	93-		-2-6-6-6-	-3-1-	-1-2-2-3-	-1-	-	-	-	-	3.00														
02-66.8800-161.7666-2-13-						0-404521-08/15/76-13-	10-14.1-		-S-	8.4-	33-		-2-7-4-6-	-3-1-	-4-3-1-2-	-1-	-	-	-	-	2.00														
02-66.8566-161.7600-2-13-						0-404522-08/15/76-13-	10-14.0-		-S-	7.0-	968-		-2-7-4-6-	-3-1-	-4-3-2-2-	-1-	-	-	-	-	3.10														
02-66.8316-161.6800-2-13-						0-404523-08/15/76-14-	10-14.1-		-S-	8.1-	269-		-2-7-4-6-	-3-1-	-4-3-2-2-	-1-	-	-	-	-	3.30														
02-66.8377-161.5500-2-13-						0-404524-08/15/76-15-	10-14.8-		-S-	8.3-	118-		-2-7-4-6-	-3-1-	-4-3-2-2-	-1-	-	-	-	-	4.70														
02-66.8550-161.4376-2-13-						0-404525-08/15/76-15-	11-15.0-		-S-	8.4-	78-		-2-7-4-6-	-3-1-	-4-3-2-2-	-1-	-	-	-	-	2.40														
02-66.8538-161.3533-2-13-						0-404526-08/15/76-13-	10-14.0-		-S-	8.1-	69-		-2-7-4-6-	-3-1-	-4-3- -2-	-1-	-	-	-	-	3.60														
02-66.8333-161.2160-2-13-						0-404527-08/15/76-15-	16-15.1-		-S-	8.5-	95-		-2-7-4-6-	-3-1-	-4-3-1-2-	-1-	-	-	-	-	3.10														
02-66.8405-161.1400-2-13-						0-404528-08/15/76-15-	13-16.2-		-S-	8.9-	59-		-2-7-4-6-	-3-1-	-4-3- -2-	-1-	-	-	-	-	3.60														
02-66.8461-161.0500-2-13-						0-404529-08/15/76-14-	16-14.6-		-S-	8.4-	59-		-2-7-4-6-	-3-1-	-4-3- -2-	-1-	-	-	-	-	2.60														
02-66.9202-161.6833-2-13-						0-404551-08/16/76-10-	13-14.9-		-S-	9.3-	114-		-2-7-6-8-	-2-1-	-4-1-1-3-	-1-	-	-	-	-	2.60														
02-66.8900-161.6560-2-13-						0-404552-08/16/76-10-	13-11.5-		-S-	9.5-	143-		-2-7-6-8-	-2-1-	-4-1-1-3-	-1-	-	-	-	-	1.80														
02-66.9200-161.5660-2-13-						0-404553-08/16/76-10-	13-13.7-		-	-	9.7-		190-		-2-7-6-3-	-2-1-	-4-1-1-3-	-1-	-	-	-	-	2.70														
02-66.9116-161.4766-2-13-						0-404554-08/16/76-11-	13-13.1-		-S-	10.0-	240-		-2-7-6-3-	-2-1-	-4-1-1-3-	-1-	-	-	-	-	3.10														
02-66.9300-161.3800-2-13-						0-404555-08/16/76-11-	13-13.9-		-S-	9.8-	42-		-2-7-6-8-	-2-1-	-4-1-1-3-	-1-	-	-	-	-	0.80														
02-66.9216-161.2483-2-13-						0-404556-08/16/76-10-	13-14.4-		-S-	9.2-	40-		-2-7-6-8-	-2-1-	-4-1-1-3-	-1-	-	-	-	-	3.10														
02-66.9250-161.1333-2-13-						0-404557-08/16/76-16-	13-14.9-		-S-	8.9-	81-		-2-7-6- -	-2-1-	-4-1-1-3-	-1-	-	-	-	-	3.30														
02-66.9275-161.0233-2-13-						0-404558-08/16/76-11-	13-13.7-		-S-	8.4-	26-		-2-7-6-2-	-2-1-	-4-1-1-3-	-1-	-	-	-	-	2.90														
02-66.9200-160.9200-2-13-						0-404559-08/16/76-11-	13-14.2-		-S-	8.4-	102-		-2-7-6-8-	-2-1-	-4-1-1-2-	-1-	-	-	-	-	3.10														
02-66.9266-160.8083-2-13-						0-404560-08/16/76-11-	14-12.3-		-S-	8.4-	2-		-2-7-6-8-	-2-1-	-4-1-1-2-	-1-	-	-	-	-	3.60														
02-66.9300-160.7200-2-13-						0-404561-08/16/76-11-	13-14.5-		-S-	8.7-	89-		-2-7-6-8-	-2-1-	-4-1-1-3-	-1-	-	-	-	-	2.60														
02-66.9627-160.6444-2-13-						0-404562-08/16/76-11-	14- 9.5-		-S-	8.5-	394-		-2-7-6-8-	-2-1-	-4-1-1-3-	-1-	-	-	-	-	2.60														
02-66.9272-160.5900-2-12-						0-404563-08/16/76-11-	14-13.9-		-S-	9.4-	59-		-2-7-6-8-	-2-1-	-4-1-1-3-	-1-	-	-	-	-	2.10														
02-66.9638-160.5108-2-13-						0-404564-08/16/76-11-	14-13.8-		-S-	8.9-	8-		-2-7-6-8-	-2-1-	-4-1-1-3-	-1-	-	-	-	-	1.80														
02-66.9750-160.4650-2-13-						0-404565-08/16/76-11-	14-11.2-		-S-	7.4-	137-		-2-7-6-3-	-2-1-	-4-1-1-3-	-1-	-	-	-	-	3.60														
02-66.9261-160.2733-2-13-						0-404566-08/16/76-11-	14-10.4-		-S-	7.4-	182-		-2-7-6-8-	-2-1-	-4-1-1-3-	-1-	-	-	-	-	1.90														
02-66.9033-160.2360-2-12-						0-404567-08/16/76-11-	14-10.2-C-		-	-			-		0-2-7-6-8-1-2-1-4-4-1-1-3-		-1-	-	-	-	3.30														
02-66.9661-160.1033-2-13-						0-404568-08/16/76-11-	14-13.8-C-S-		-	-			-		-2-7-6-8-	-2-1-	-4-1-1-3-	-1-	-	-	-	-	3.30														
02-66.9319-160.1000-2-12-						0-404569-08/16/76-11-	14-12.4-C-		-	-			-		26-2-7-6-8-1-2-1-4-4-1-1-3-		-1-	-	-	-	3.30														
02-66.9400-160.0500-2-12-						0-404570-08/16/76-11-	13-16.2-C-		-	-			-		23-2-7-4-8-1-2-1-1-5-1-2-2-		-1-	-	-	-	3.40														
02-66.9636-160.0533-2-12-						0-404571-08/16/76-11-	14-12.8-C-		-	-			-		13-2-7-4-8-1-2-1-1-5-1-2-3-		-1-	-	-	-	3.00														
02-66.9494-159.9222-2-12-						0-404572-08/16/76-11-	13-11.7-C-		-	-			-		13-2-7-4-8-1-2-1-1-3-1-2-2-		-1-	-	-	-	2.30														

APPENDIX C (continued). Field Data and Uranium Concentrations for Sediment Samples

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
02	66.9766	159.9166	2	1	2	0-404573	08/16/76	12	13	13.9	C	-	-	-	-	6	2	7	4	8	1	2	1	1	5	1	2	2	-	1	-	-	-	-	3.20
02	66.9850	159.7633	2	1	3	0-404574	08/16/76	12	13	14.5	-	S	8.7	119	-	-	2	7	4	8	-	2	1	-	5	1	2	2	-	1	-	-	-	-	2.90
02	66.9861	159.6583	2	1	4	0-404575	08/16/76	12	13	14.3	-	S	8.9	112	-	-	2	7	4	3	-	2	1	-	5	1	2	2	-	1	-	-	-	-	2.80
02	66.9633	159.6300	2	1	6	0-404576	08/16/76	12	13	12.9	C	-	-	-	-	0	2	7	4	6	1	2	1	1	5	1	2	2	-	1	-	-	-	-	2.60
02	66.9816	159.4566	2	1	7	0-404577	08/16/76	12	13	12.7	C	-	-	-	-	6	2	7	4	8	1	2	1	1	5	1	2	2	-	1	-	-	-	-	2.30
02	66.9833	159.3866	2	1	8	0-404578	08/16/76	12	13	11.8	C	-	-	-	-	6	2	7	4	8	1	2	1	1	5	1	2	2	-	1	-	-	-	-	3.60
02	66.9450	159.3833	2	1	9	0-404579	08/16/76	12	13	11.2	C	-	-	-	-	9	2	7	4	8	1	2	1	1	3	1	2	2	-	1	-	-	-	-	3.60
02	66.9736	159.2200	2	1	2	0-404580	08/16/76	12	13	10.9	C	-	-	-	-	33	2	7	4	8	1	2	1	1	5	1	2	2	-	1	-	-	-	-	3.80
02	66.9816	159.1533	2	1	3	0-404581	08/16/76	13	14	11.3	C	-	-	-	-	6	2	7	4	8	1	2	1	1	5	1	2	2	-	1	-	-	-	-	3.30
02	66.9450	159.2094	2	1	4	0-404582	08/16/76	13	14	10.8	C	-	-	-	-	13	2	7	4	8	1	2	1	1	5	1	2	2	-	1	-	-	-	-	3.10
02	66.9533	159.1166	2	1	6	0-404583	08/16/76	13	13	11.3	C	-	-	-	-	6	2	7	4	6	1	2	1	1	5	1	2	2	-	1	-	-	-	-	3.40
02	66.9450	159.0400	2	1	7	0-404584	08/16/76	13	13	11.2	C	-	-	-	-	-	2	7	4	6	1	2	1	1	5	1	2	2	-	1	-	-	-	-	3.30
02	66.9833	159.0466	2	1	8	0-404585	08/16/76	13	13	11.6	C	-	-	-	-	3	2	7	4	8	1	2	1	1	5	1	2	2	-	1	-	-	-	-	1.30
02	66.9500	158.9466	2	1	2	0-404586	08/16/76	13	13	10.7	C	-	-	-	-	9	2	7	4	8	1	2	1	2	4	3	2	2	-	1	-	-	-	-	1.50
02	66.9391	158.9027	2	1	3	0-404587	08/16/76	13	13	11.6	C	-	-	-	-	13	2	7	4	8	1	2	1	1	5	1	2	2	-	1	-	-	-	-	3.60
02	66.9875	158.8250	2	1	4	0-404588	08/16/76	13	13	10.9	C	-	-	-	-	16	2	7	4	8	1	2	1	1	5	1	2	2	-	1	-	-	-	-	3.30
02	66.9844	158.7233	2	1	6	0-404589	08/16/76	13	14	11.6	C	-	-	-	-	66	2	7	4	8	1	2	1	1	5	1	2	2	-	1	-	-	-	-	3.40
02	66.9372	158.7933	2	1	7	0-404590	08/16/76	13	14	11.3	C	-	-	-	-	56	2	7	4	8	1	2	1	1	5	1	2	2	-	1	-	-	-	-	3.10
02	66.9216	158.8527	2	1	8	0-404591	08/16/76	13	14	10.7	C	-	-	-	-	19	2	8	4	8	1	2	1	1	5	1	2	2	-	1	-	-	-	-	3.00
02	66.9491	158.9350	2	1	2	0-404592	08/16/76	13	13	14.0	C	-	-	-	-	13	2	7	4	8	1	2	1	1	5	1	2	2	-	1	-	-	-	-	2.90
02	66.9200	158.4808	2	1	2	0-404593	08/16/76	13	14	11.2	C	-	-	-	-	19	2	7	4	8	1	2	1	1	5	1	2	2	-	1	-	-	-	-	2.60
02	66.9616	158.4733	2	1	2	0-404594	08/16/76	13	13	11.5	C	-	-	-	-	6	2	7	4	8	1	2	1	1	5	1	2	2	-	1	-	-	-	-	2.90
02	66.9566	158.3950	2	1	2	0-404595	08/16/76	14	13	12.1	C	-	-	-	-	9	2	7	4	8	1	2	1	1	5	1	2	2	-	1	-	-	-	-	3.10
02	66.9466	158.3458	2	1	2	0-404596	08/16/76	14	13	10.8	C	-	-	-	-	19	2	7	4	8	1	2	1	1	5	1	2	2	-	1	-	-	-	-	2.70
02	66.9200	158.2875	2	1	2	0-404597	08/16/76	14	13	10.2	C	-	-	-	-	13	2	7	4	3	1	2	1	1	5	1	2	2	-	1	-	-	-	-	3.20
02	66.9666	161.4600	2	1	3	0-404622	08/17/76	11	16	11.5	-	S	8.5	205	-	-	2	6	4	8	-	3	1	-	4	3	2	2	-	1	-	-	-	-	2.40
02	66.9650	161.1033	2	1	2	0-404625	08/17/76	11	16	14.0	-	-	6.6	135	-	-	2	6	5	6	2	3	1	2	1	2	3	2	-	1	-	-	-	-	2.60
02	66.9730	160.9725	2	1	2	0-404626	08/17/76	11	16	9.0	-	-	6.4	320	-	-	2	7	3	6	2	3	1	2	1	2	3	2	-	1	-	-	-	-	3.10
02	66.9658	160.8916	2	1	2	0-404627	08/17/76	11	16	8.0	-	-	6.8	325	-	-	2	7	5	6	2	3	1	2	1	3	2	2	-	1	-	-	-	-	3.10
02	66.9308	162.4872	2	1	3	0-405055	08/21/76	9	11	14.7	-	S	9.4	123	-	-	2	7	4	6	-	3	1	-	4	3	1	1	-	1	-	-	-	-	3.10
02	66.9238	162.3066	2	1	4	0-405056	08/21/76	9	12	14.8	-	S	9.4	46	-	-	2	7	4	6	-	3	1	-	4	3	1	1	-	1	-	-	-	-	3.10
02	66.8936	162.3350	2	1	6	0-405057	08/21/76	9	12	14.7	-	S	8.8	145	-	-	2	7	4	6	-	-	-	-	4	3	1	1	-	1	-	-	-	-	2.90
02	66.8500	162.3250	2	1	7	0-405058	08/21/76	9	12	14.6	-	S	8.8	124	-	-	2	7	4	6	-	3	1	-	4	3	1	1	-	1	-	-	-	-	3.10
02	66.8063	162.1933	2	1	8	0-405060	08/21/76	10	12	14.9	-	S	8.8	54	-	-	2	7	4	6	-	3	1	-	4	3	1	1	-	1	-	-	-	-	3.40
02	66.7950	162.2600	2	1	2	0-405061	08/21/76	10	12	14.8	-	S	8.5	48	-	-	2	7	4	6	-	3	1	-	4	3	1	1	-	1	-	-	-	-	3.00
02	66.7583	162.0733	2	1	3	0-405062	08/21/76	10	12	14.6	-	S	8.4	29	-	-	2	7	4	6	-	3	1	-	4	3	1	1	-	1	-	-	-	-	3.30
02	66.7536	162.1766	2	1	4	0-405063	08/21/76	10	13	14.4	-	S	8.4	82	-	-	2	7	4	6	-	3	1	-	4	3	1	1	-	1	-	-	-	-	3.30
02	66.7472	162.2725	2	1	6	0-405064	08/21/76	10	12	15.0	-	S	8.7	54	-	-	2	7	4	6	-	3	1	-	4	3	1	1	-	1	-	-	-	-	3.30
02	66.7230	162.3100	2	1	7	0-405065	08/21/76	10	12	13.9	-	S	7.6	6040	-	-	2	7	4	6	-	3	1	-	4	3	1	1	-	1	-	-	-	-	3.40
02	66.7197	162.1933	2	1	8	0-405066	08/21/76	10	12	13.6	-	S	8.0	41	-	-	2	7	4	6	-	3	1	-	4	3	1	1	-	1	-	-	-	-	2.80
02	66.6766	162.0666	2	1	3	0-405068	08/21/76	10	13	14.3	-	S	8.2	28	-	-	2	7	4	6	-	3	1	-	4	3	1	1	-	1	-	-	-	-	2.90
02	66.6166	162.0500	2	1	4	0-405069	08/21/76	-	12	14.7	-	S	8.0	26	-	-	2	7	4	6	-	3	1	-	4	3	1	1	-	1	-	-	-	-	2.70
02	66.5066	161.8516	2	1	3	0-405070	08/21/76	10	12	14.4	-	S	7.8	50	-	-	2	7	4	6	-	3	1	-	4	3	1	1	-	1	-	-	-	-	3.20
02	66.4677	161.8391	2	1	4	0-405071	08/21/76	11	12	14.0	-	S	7.6	44	-	-	2	7	4	6	-	3	1	-	4	3	1	1	-	1	-	-	-	-	1.30
02	66.4083	161.8300	2	1	6	0-405072	08/21/76	11	12	13.8	-	S	7.9	24	-	-	2	7	4	6	-	3	1	-	4	3	1	1	-	1	-	-	-	-	2.90
02	66.3888	161.8083	2	1	7	0-405073	08/21/76	11	12	13.4	-	S	7.5	90	-	-	2	7	4	6	-	3	1	-	4	3	1	1	-	1	-	-	-	-	2.90
02	66.4038	161.6983	2	1	8	0-405074	08/21/76	11	12	13.9	-	S	7.8	42	-	-	2	7	4	6	-	3	1	-	4	3	1	1	-	1	-	-	-	-	3.40
02	66.4394	161.6466	2	1	2	0-405075	08/21/76	11	12	13.5	-	S	7.4	61	-	-	2	7	4	6	-	3	1	-	4	3	1	1	-	1	-	-	-	-	3.30
02	66.4133	161.5883	2	1	3	0-405076	08/21/76	11	12	13.8	-	S	7.6	28	-	-	2	7	4	6	-	3	1	-	4	3	1	1	-	1	-	-	-	-	3.10
02	66.4133	161.4716	2	1	4	0-405077	08/21/76	11	11	13.6	-	S	7.6	16	-	-	2	7	4	6	-	3	1	-	4	3	1	1	-	1	-	-	-	-	3.00
02	66.4583	161.3416	2	1	6	0-405078	08/21/76	11	11	14.2	-	S	7.2	19	-	-	2	7	4	6	-	3	1	-	4	3	1	3	-	1	-	-	-	-	3.10

APPENDIX C (continued). Field Data and Uranium Concentrations for Sediment Samples

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
02	66.4933	161.6444	2	13	-	0-405079	08/21/76	11	11-14.0	-	S	-	7.2	27	-	2	7	4	6	-	3	1	-	4	3	1	3	-	1	-	-	-	-	3.30
02	66.4333	161.6800	2	13	-	0-405080	08/21/76	11	12-14.0	-	S	-	7.5	25	-	2	7	4	6	-	3	1	-	4	3	1	3	-	1	-	-	-	-	3.20
02	66.4105	161.6750	2	13	-	0-405081	08/21/76	11	11-14.1	-	S	-	7.4	32	-	2	7	4	6	-	3	1	-	4	3	1	3	-	1	-	-	-	-	3.30
02	66.3944	161.3533	2	13	-	0-405082	08/21/76	11	11-13.7	-	S	-	7.4	39	-	2	7	4	6	-	3	1	-	4	3	1	3	-	1	-	-	-	-	3.10
02	66.3650	161.6725	2	13	-	0-405083	08/21/76	11	11-13.1	-	S	-	7.4	48	-	2	7	4	6	-	3	1	-	4	3	1	3	-	1	-	-	-	-	3.70
02	66.3666	161.1650	2	13	-	0-405084	08/21/76	11	11-13.3	-	S	-	7.5	30	-	2	7	4	6	-	3	1	-	4	3	1	3	-	1	-	-	-	-	4.00
02	66.4033	161.1833	2	13	-	0-405085	08/21/76	11	11-13.7	-	S	-	7.4	23	-	2	7	4	6	-	3	1	-	4	3	1	3	-	1	-	-	-	-	3.10
02	66.4033	161.0616	2	13	-	0-405086	08/21/76	12	11-13.3	-	S	-	7.4	22	-	2	7	4	6	-	3	1	-	4	3	1	3	-	1	-	-	-	-	3.30
02	66.3716	161.0708	2	13	-	0-405087	08/21/76	12	11-13.4	-	S	-	7.4	19	-	2	7	4	6	-	3	1	-	4	3	1	3	-	1	-	-	-	-	3.00
02	66.3361	161.0741	2	13	-	0-405088	08/21/76	12	11-13.4	-	S	-	7.1	64	-	2	7	4	6	-	3	1	-	4	3	1	3	-	1	-	-	-	-	3.30
02	66.3347	160.9650	2	13	-	0-405089	08/21/76	12	11-13.8	-	S	-	7.7	22	-	2	7	4	6	-	3	1	-	4	3	1	3	-	1	-	-	-	-	3.70
02	66.2083	160.8025	2	12	-	0-405090	08/21/76	12	11-13.7	-	-	-	7.6	150	-	2	7	4	6	2	3	1	2	4	3	1	3	-	1	-	-	-	-	21.00
02	66.1866	160.7500	2	12	-	0-405091	08/21/76	12	11-13.1	-	-	-	7.5	110	-	2	7	4	6	2	3	1	2	4	3	1	3	-	1	-	-	-	-	22.10
02	66.1600	160.7041	2	12	-	0-405092	08/21/76	12	11-12.8	-	-	-	7.1	95	-	2	7	4	6	2	3	1	2	4	3	1	3	-	1	-	-	-	-	37.70
02	66.1675	160.9250	2	12	-	0-405094	08/21/76	12	11-13.5	C	-	S	6.6	5000	-	2	7	4	6	2	3	1	2	4	3	2	3	-	1	-	-	-	-	4.30
02	66.2333	161.4726	2	12	-	0-405096	08/21/76	13	11-12.8	C	-	-	6.5	135	-	2	7	4	6	2	3	1	2	4	3	2	3	-	1	-	-	-	-	2.80
02	66.2055	161.4416	2	12	-	0-405097	08/21/76	13	11-13.0	C	-	-	6.2	154	-	2	7	4	6	2	3	1	2	4	3	2	3	-	1	-	-	-	-	3.50
02	66.1638	161.5050	2	12	-	0-405098	08/21/76	13	11-12.8	C	-	-	5.8	140	-	2	7	4	6	2	3	1	2	4	3	2	3	-	1	-	-	-	-	3.20
02	66.1805	161.5333	2	13	-	0-405099	08/21/76	13	11-13.3	-	S	-	9.5	16	-	2	7	4	6	-	3	1	-	4	3	2	3	-	1	-	-	-	-	3.00
02	66.1516	161.5558	2	13	-	0-405100	08/21/76	13	11-12.9	-	S	-	8.4	43	-	2	7	4	6	-	3	1	-	4	3	2	3	-	1	-	-	-	-	3.00
02	66.1000	161.6883	2	12	-	0-405101	08/21/76	13	11-12.8	C	-	-	7.1	-	-	2	7	4	6	2	3	1	2	4	3	2	3	-	1	-	-	-	-	4.90
02	66.0680	161.7361	2	12	-	0-405102	08/21/76	14	11-13.9	C	-	S	7.8	4652	-	2	7	4	6	2	3	1	2	4	3	2	3	-	1	-	-	-	-	3.40
02	66.0069	161.9583	2	12	-	0-405103	08/21/76	14	11-14.2	C	-	-	7.6	4957	-	2	7	4	6	2	3	1	2	4	3	1	3	-	1	-	-	-	-	4.60
02	66.0133	161.9000	2	13	-	0-405104	08/21/76	14	11-13.9	-	S	-	9.1	408	-	2	7	4	6	-	3	1	-	4	3	1	3	-	1	-	-	-	-	3.20
02	66.0300	161.7666	2	13	-	0-405105	08/21/76	14	11-13.9	-	S	-	8.7	45	-	2	7	4	6	-	3	1	-	4	3	1	3	-	1	-	-	-	-	3.00
02	66.0261	161.6858	2	13	-	0-405106	08/21/76	14	11-14.1	-	S	-	7.7	233	-	2	7	4	6	-	3	1	-	4	3	1	3	-	1	-	-	-	-	8.20
02	66.0080	161.5650	2	13	-	0-405107	08/21/76	14	11-13.7	-	S	-	7.7	980	-	2	7	4	6	-	3	1	-	4	3	1	3	-	1	-	-	-	-	3.00
02	66.0483	161.6166	2	12	-	0-405108	08/21/76	15	11-13.5	C	-	-	6.4	72	-	2	7	4	6	2	3	1	2	4	3	1	3	-	1	-	-	-	-	3.10
02	66.0722	161.5583	2	12	-	0-405109	08/21/76	15	11-14.2	C	-	-	6.7	58	-	2	7	4	6	2	3	1	2	4	3	1	3	-	1	-	-	-	-	3.40
02	66.1000	161.5980	2	12	-	0-405110	08/21/76	15	11-12.6	C	-	-	7.9	108	-	2	7	4	6	2	3	1	2	4	3	1	3	-	1	-	-	-	-	2.80
02	66.1061	161.4750	2	12	-	0-405111	08/21/76	15	11-11.9	C	-	-	6.6	66	-	2	7	4	6	2	3	1	2	4	3	2	3	-	1	-	-	-	-	3.90
02	66.0900	161.3316	2	12	-	0-405112	08/21/76	15	11-11.8	C	-	-	6.9	73	-	2	7	4	6	2	3	1	2	4	3	2	3	-	1	-	-	-	-	2.60
02	66.1638	161.3966	2	12	-	0-405113	08/21/76	15	11-12.2	C	-	-	7.6	52	-	2	7	4	6	2	3	1	2	4	3	2	3	-	1	-	-	-	-	3.30
02	66.1011	160.9300	2	12	-	0-405114	08/21/76	15	11-13.1	C	-	-	7.3	38	-	2	7	4	6	2	3	1	2	4	3	2	3	-	1	-	-	-	-	3.30
02	66.1033	160.8266	2	12	-	0-405115	08/21/76	15	11-12.7	C	-	-	7.5	54	-	2	7	4	6	2	3	1	2	4	3	2	3	-	1	-	-	-	-	3.30
02	66.0516	160.8208	2	12	-	0-405116	08/21/76	15	11-12.6	C	-	-	6.6	40	-	2	7	4	6	2	3	1	2	4	3	2	3	-	1	-	-	-	-	17.30
02	66.1250	160.7400	2	12	-	0-405117	08/21/76	15	11-13.1	C	-	-	7.1	38	-	2	7	4	6	2	3	1	2	4	3	2	3	-	1	-	-	-	-	10.40
02	66.0500	160.7266	2	12	-	0-405118	08/21/76	15	11-12.9	C	-	-	6.9	51	-	2	7	4	6	2	3	1	2	4	3	2	3	-	1	-	-	-	-	11.10
02	66.0138	160.7833	2	12	-	0-405119	08/21/76	15	11-12.7	C	-	-	7.2	82	-	2	7	4	6	2	3	1	2	4	3	2	3	-	1	-	-	-	-	7.50
02	66.0152	160.7480	2	12	-	0-405120	08/21/76	15	11-13.4	-	-	-	4.9	32	-	2	7	4	6	2	3	1	2	4	3	2	3	-	1	-	-	-	-	3.20
02	66.0150	160.6361	2	12	-	0-405121	08/21/76	15	11-12.7	-	-	-	9.7	32	-	2	7	4	6	2	3	1	2	4	3	2	3	-	1	-	-	-	-	5.30
02	66.0633	160.5800	2	12	-	0-405122	08/21/76	15	11-13.0	-	-	-	9.2	47	-	2	7	4	6	2	3	1	2	4	3	2	3	-	1	-	-	-	-	13.30
02	66.0966	160.5616	2	12	-	0-405123	08/21/76	16	11-11.8	-	-	-	6.2	32	-	2	7	4	6	2	3	1	2	4	3	2	3	-	1	-	-	-	-	13.50
02	66.0800	160.5205	2	12	-	0-405124	08/21/76	16	11-11.9	-	-	-	7.1	48	-	2	7	4	6	2	3	1	2	4	3	2	3	-	1	-	-	-	-	12.50
02	66.1627	160.6613	2	12	-	0-405125	08/21/76	16	11-12.3	-	-	-	11.4	87	-	2	7	4	6	2	3	1	2	4	3	2	3	-	1	-	-	-	-	32.40
02	66.1908	160.6200	2	12	-	0-405126	08/21/76	16	11-12.6	-	-	-	8.1	65	-	2	7	4	6	2	3	1	2	4	3	2	3	-	1	-	-	-	-	29.70
02	66.2366	160.6666	2	12	-	0-405127	08/21/76	16	11-12.7	-	-	-	8.3	44	-	2	7	4	6	2	3	1	2	4	3	2	3	-	1	-	-	-	-	20.60
02	66.2872	160.5966	2	13	-	0-405128	08/21/76	16	11-14.7	-	S	-	7.4	28	-	2	7	4	6	-	3	1	-	4	3	2	3	-	1	-	-	-	-	3.30
02	66.3333	160.6033	2	13	-	0-405129	08/21/76	16	11-14.0	-	S	-	7.2	27	-	2	7	4	6	-	3	1	-	4	3	2	3	-	1	-	-	-	-	3.10
02	66.3355	160.7333	2	12	-	0-405130	08/21/76	16	11-11.9	-	-	-	11.6	37	-	2	7	4	6	2	3	1	2	4	3	2	3	-	1	-	-	-	-	2.70
02	66.3538	160.8133	2	12	-	0-405131	08/21/76	16	11-12.1	-	-	-	6.6	90	-	2	7	4	6	2	3	1	2	4	3	2	3	-	1	-	-	-	-	3.10

APPENDIX C (continued). Field Data and Uranium Concentrations for Sediment Samples

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
							TIME SAMPLED																							SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	DATE	HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	
02-66.3316-160.8388-2-12-						0-405132-08/21/76-16-			10-11.9-	- -			7.1-	72-		-2-7-4-6-	-2-3-1-2-	-4-3-2-3-	-1-	-	-	-	-										2.90
02-66.3766-160.9222-2-13-						0-405133-08/21/76-16-			10-13.6-	-S-			7.5-	12-		-2-7-4-6-	-3-1-	-4-3-2-3-	-1-	-	-	-	-										3.30
02-66.4016-160.9333-2-13-						0-405134-08/20/76-16-			10-14.6-	-S-			7.0-	21-		-2-7-4-6-	-3-1-	-4-3-1-3-	-1-	-	-	-	-										4.30
02-66.4577-161.0583-2-13-						0-405135-08/21/76-16-			11-13.7-	-S-			7.1-	50-		-2-7-4-6-	-3-1-	-4-3-1-3-	-1-	-	-	-	-										3.20
02-66.4933-161.1650-2-12-						0-405136-08/21/76-17-			10-12.9-	- -			7.3-	92-		-2-7-4-6-2-	3-1-2-	4-3-1-3-	-1-	-	-	-	-										2.50
02-66.4461-161.1383-2-12-						0-405137-08/21/76-17-			10-12.1-	- -			7.7-	83-		-2-7-4-6-2-	3-1-2-	4-3-1-3-	-1-	-	-	-	-										2.70
02-66 5516-161.4833-2-13-						0-405138-08/21/76-17-			10-14.4-	-S-			6.7-	591-		-2-7-4-6-	-3-1-	-4-3-1-3-	-1-	-	-	-	-										2.80
02-66.5861-161.5260-2-13-						0-405139-08/21/76-17-			10-14.7-	-S-			7.7-	62-		-2-7-4-6-	-3-1-	-4-3-1-3-	-1-	-	-	-	-										3.20
02-66.6361-161.5383-2-13-						0-405140-08/21/76-17-			10-14.5-	-S-			7.5-	69-		-2-7-4-6-	-3-1-	-4-3-1-3-	-1-	-	-	-	-										3.30
02-66.6705-161.5533-2-13-						0-405141-08/21/76-17-			10-14.9-	-S-			6.2-	112-		-2-7-4-6-	-3-1-	-4-3-1-3-	-1-	-	-	-	-										5.60
02-66.6708-161.6333-2-13-						0-405142-08/21/76-17-			10-15.0-	-S-			8.7-	160-		-2-7-4-6-	-3-1-	-4-3-1-3-	-1-	-	-	-	-										3.20
02-66.6388-161.6250-2-13-						0-405143-08/21/76-17-			10-14.7-	- -			8.6-	67-		-2-7-4-6-	-3-1-	-4-3-1-3-	-1-	-	-	-	-										3.30
02-66.6708-161.7486-2-13-						0-405144-08/21/76-17-			10-14.9-	-S-			8.5-	59-		-2-7-4-6-	-3-1-	-4-3-1-3-	-1-	-	-	-	-										1.90
02-66.7416-162.3891-2-13-						0-405145-08/21/76-17-			11-14.8-	-S-			8.0-	60-		-2-7-4-6-	-3-1-	-4-3-1-3-	-1-	-	-	-	-										3.00
02-66.7408-162.4800-2-13-						0-405146-08/21/76-17-			10-15.0-	C-S-			7.7-	-		-2-7-4-6-	-3-1-	-4-3-1-3-	-1-	-	-	-	-										3.90
02-66.7811-162.4933-2-13-						0-405147-08/21/76-18-			10-14.9-	-S-			8.7-	74-		-2-7-4-6-	-3-1-	-4-3-1-3-	-1-	-	-	-	-										3.20
02-66.8133-162.5033-2-13-						0-405148-08/21/76-18-			10-15.2-	-S-			8.3-	69-		-2-7-4-6-	-3-1-	-4-3-1-3-	-1-	-	-	-	-										3.20
02-66.8472-162.5225-2-13-						0-405149-08/21/76-18-			10-15.0-	-S-			8.3-	50-		-2-7-4-6-	-3-1-	-4-3-1-3-	-1-	-	-	-	-										3.20
02-66.8472-162.4300-2-13-						0-405150-08/21/76-18-			10-15.2-	-S-			8.2-	39-		-2-7-4-6-	-3-1-	-4-3-1-3-	-1-	-	-	-	-										3.00
02-66.8677-162.4300-2-13-						0-405151-08/21/76-18-			10-15.2-	-S-			7.9-	58-		-2-7-4-6-	-3-1-	-4-3-1-3-	-1-	-	-	-	-										3.20
02-66.8866-162.5233-2-13-						0-405152-08/21/76-18-			10-15.4-	-S-			7.9-	58-		-2-7-4-6-	-3-1-	-4-3-1-3-	-1-	-	-	-	-										3.20
02-66.5833-159.5333-2-12-						0-405153-08/22/76- 9-			11-15.4-C-	S-			8.6-	37-		-2-7-5-8-2-	3-1-1-	4-4-2-3-	-1-	-	-	-	-										3.00
02-66.5466-159.4783-2-12-						0-405154-08/22/76- 9-			11-15.0-C-	S-			8.2-	46-		-2-7-5-8-2-	3-1-1-	4-4-2-3-	-1-	-	-	-	-										2.50
02-66.5402-159.5527-2-13-						0-405155-08/22/76- 9-			11-14.3-	-S-			8.2-	29-		-2-7-6-8-	-3-1-	-4-4-2-3-	-1-	-	-	-	-										3.20
02-66.5733-159.4633-2-13-						0-405156-08/22/76- 9-			11-14.5-	-S-			8.1-	32-		-2-7-5-8-	-3-1-	-4-3-2-3-	-1-	-	-	-	-										3.00
02-66.5855-159.4388-2-13-						0-405157-08/22/76- 9-			11-14.3-	-S-			8.0-	42-		-2-7-5-8-	-3-1-	-4-4-2-3-	-1-	-	-	-	-										3.00
02-66.6133-159.4375-2-13-						0-405158-08/22/76- 9-			11-14.6-	-S-			7.3-	17-		-2-7- - -	-3-1-	-4-3-2-3-	-1-	-	-	-	-										3.90
02-66.6194-159.5361-2-13-						0-405159-08/22/76- 9-			11-14.6-	-S-			6.7-	13-		-2-7-5-8-	-3-1-	-4-3-2-3-	-1-	-	-	-	-										3.10
02-66.6333-159.5266-2-13-						0-405160-08/22/76- 9-			11-14.5-	-S-			6.8-	22-		-2-7-6-8-	-3-1-	-4-3-2-3-	-1-	-	-	-	-										3.40
02-66.6233-159.5466-2-13-						0-405161-08/22/76- 9-			11-14.6-	-S-			7.0-	13-		-2-7-5-8-	-3-1-	-4-3-2-3-	-1-	-	-	-	-										3.10
02-66.6433-159.5166-2-13-						0-405162-08/22/76- 9-			11-14.5-	-S-			7.1-	17-		-2-7-5-8-	-3-1-	-4-4-2-3-	-1-	-	-	-	-										3.20
02-66.5933-159.5033-2-13-						0-405163-08/22/76- 9-			11-14.8-	-S-			7.4-	22-		-2-7-6-8-	-3-1-	-4-3-2-3-	-1-	-	-	-	-										3.20
02-66.5733-159.5283-2-13-						0-405164-08/22/76- 9-			11-14.9-	-S-			7.4-	26-		-2-7-5-8-	-3-1-	-4-4-2-3-	-1-	-	-	-	-										3.40
02-66.5500-159.5633-2-13-						0-405165-08/22/76- 9-			11-14.3-	-S-			7.3-	14-		-2-7-5-8-	-3-1-	-4-4-2-3-	-1-	-	-	-	-										2.90
02-66.5366-159.5700-2-13-						0-405166-08/22/76- 9-			11-14.2-	-S-			7.2-	20-		-2-7-6-8-	-3-1-	-4-4-2-3-	-1-	-	-	-	-										3.10
02-66.5350-159.5733-2-13-						0-405167-08/22/76- 7-			11-13.5-	-S-			7.1-	39-		-2-7-5-8-	-3-1-	-4-3-1-3-	-1-	-	-	-	-										3.30
02-66.5538-159.5719-2-13-						0-405168-08/22/76- 9-			11-13.6-	-S-			7.2-	39-		-2-7-5-8-	-3-1-	-4-3-1-3-	-1-	-	-	-	-										3.10
02-66.6050-159.5566-2-13-						0-405169-08/22/76- 9-			10-15.1-	-S-			7.6-	19-		-2-7-5-8-	-3-1-	-4-4-2-3-	-1-	-	-	-	-										2.90
02-66.6177-159.5483-2-13-						0-405170-08/22/76- 9-			11-14.6-	-S-			7.3-	23-		-2-7-6-8-	-3-1-	-4-3-2-3-	-1-	-	-	-	-										3.00
02-66.6338-159.5433-2-13-						0-405171-08/22/76- 9-			11-14.7-	-S-			7.4-	27-		-2-7-5-8-	-3-1-	-4-3-2-3-	-1-	-	-	-	-										3.30
02-66.6466-159.1733-2-13-						0-405172-08/22/76-10-			10-14.6-	-S-			7.3-	17-		-2-7-5-8-	-3-1-	-4-3-2-3-	-1-	-	-	-	-										3.40
02-66.6272-159.1283-2-13-						0-405173-08/22/76-10-			10-14.7-	-S-			7.4-	23-		-2-7-5-8-	-3-1-	-4-3-2-3-	-1-	-	-	-	-										3.40
02-66.5833-159.1200-2-13-						0-405174-08/22/76-10-			11-14.6-	-S-			7.2-	49-		-2-7-5-8-	-3-1-	-4-3-2-3-	-1-	-	-	-	-										2.60
02-66.5266-159.1625-2-13-						0-405175-08/22/76-10-			11-14.5-	-S-			7.6-	28-		-2-7-5-8-	-3-1-	-4-3-2-3-	-1-	-	-	-	-										3.20
02-66.5600-159.1016-2-13-						0-405176-08/22/76-10-			11-14.4-	-S-			7.4-	22-		-2-7-6-8-	-3-1-	-4-4-2-3-	-1-	-	-	-	-										3.30
02-66.5133-159.1175-2-13-						0-405177-08/22/76-10-			11-13.3-	-S-			7.3-	63-		-2-7-5-8-	-3-1-	-4-4-2-3-	-1-	-	-	-	-										3.20
02-66.4900-159.1400-2-13-						0-405178-08/22/76-10-			11-14.2-	-S-			7.7-	19-		-2-7-5-8-	-3-1-	-4-3-2-3-	-1-	-	-	-	-										2.90
02-66.4500-159.1441-2-13-						0-405179-08/22/76-10-			11-14.3-	-S-			7.4-	22-		-2-7-6-8-	-3-1-	-4-4-2-3-	-1-	-	-	-	-										2.40
02-66.4700-159.1391-2-13-						0-405180-08/22/76-10-			10-14.2-	-S-			7.4-	37-		-7-2-6-7-	-3-1-	-4-4-2-3-	-1-	-	-	-	-										3.30
02-66.4200-159.1616-2-13-						0-405181-08/22/76-10-			10-14.1-	-S-			7.5-	45-		-2-7-6-7-	-3-1-	-4-4-2-3-	-1-	-	-	-	-										3.30
02-66.3650-159.1383-2-13-						0-405182-08/22/76-10-			11-14.2-	-S-			7.6-	51-		-2-7-5-8-	-3-1-	-4-4-2-3-	-1-	-	-	-	-										3.40

APPENDIX C (continued). Field Data and Uranium Concentrations for Sediment Samples

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																							U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (μmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
02	66.3866	159.1511	2	13	0	405183	08/22/76	10	11	14.1	5		7.6	19		2	7	5	8	3	1												3.20
02	66.3666	159.2466	2	13	0	405184	08/22/76	10	11	14.2	5		7.3	21		2	7	5	8	3	1												3.00
02	66.3700	159.2733	2	13	0	405185	08/22/76	10	11	14.4	5		7.3	25		2	7	5	7	3	1												3.10
02	66.3777	159.3183	2	13	0	405186	08/22/76	10	11	14.5	5		7.3	28		2	7	6	7	3	1												3.10
02	66.3766	159.3660	2	13	0	405187	08/22/76	10	11	13.8	5		7.2	34		2	7	5	8	3	1												3.30
02	66.4000	159.2466	2	13	0	405188	08/22/76	10	11	13.5	5		7.3	61		2	7	5	8	3	1												3.20
02	66.4150	159.2519	2	13	0	405189	08/22/76	10	11	13.5	5		7.3	67		2	7	5	8	3	1												3.20
02	66.4666	159.2458	2	13	0	405190	08/22/76	10	11	14.2	5		7.7	35		2	7	5	7	3	1												3.00
02	66.4694	159.2041	2	13	0	405191	08/22/76	11	11	14.3	5		7.6	44		2	7	5	8	3	1												3.30
02	66.4666	159.3566	2	13	0	405192	08/22/76	11	11	13.2	5		7.6	47		2	7	5	7	3	1												3.30
02	66.4916	159.2716	2	13	0	405193	08/22/76	11	11	14.6	5		8.8	51		2	7	5	7	3	1												3.00
02	66.5116	159.2858	2	13	0	405194	08/22/76	11	11	14.5	5		8.9	60		2	7	5	8	3	1												2.90
02	66.5000	159.3333	2	13	0	405195	08/22/76	11	11	14.1	5		9.0	31		2	7	6	8	3	1												3.20
02	66.4933	159.4150	2	13	0	405196	08/22/76	11	11	14.1	5		8.6	23		2	7	5	7	3	1												3.10
02	66.4902	159.5416	2	13	0	405197	08/22/76	11	11	14.0	5		8.2	25		2	7	5	7	3	1												3.10
02	66.4944	159.5777	2	13	0	405198	08/22/76	11	11	14.1	5		8.3	22		2	7	5	8	3	1												3.10
02	66.5611	159.8700	2	13	0	405199	08/22/76	13	12	14.5	5		8.2	13		2	7	5	8	3	1												3.40
02	66.5833	159.8858	2	13	0	405200	08/22/76	13	12	14.5	5		8.3	17		2	7	5	8	3	1												2.60
02	66.5500	159.8500	2	13	0	405201	08/22/76	13	12	14.5	5		7.6	52		2	7	6	7	3	1												3.20
02	66.5483	159.8466	2	13	0	405202	08/22/76	13	11	14.5	5		7.4	64		2	7	5	8	3	1												3.20
02	66.5483	159.7466	2	13	0	405203	08/22/76	13	11	13.7	5		7.8	39		2	7	5	7	3	1												3.10
02	66.5597	159.6583	2	13	0	405204	08/22/76	13	11	13.8	5		7.3	42		2	7	5	7	3	1												3.30
02	66.5266	159.6583	2	13	0	405205	08/22/76	13	12	14.2	5		7.7	35		2	7	5	8	3	1												3.00
02	66.5033	159.6500	2	13	0	405206	08/22/76	13	11	14.8	5		7.9	22		2	7	5	7	3	1												3.40
02	66.4833	159.6433	2	13	0	405207	08/22/76	13	11	14.8	5		7.7	27		2	7	5	8	3	1												3.30
02	66.4583	159.6300	2	13	0	405208	08/22/76	13	11	14.8	5		7.6	16		2	7	6	7	3	1												3.10
02	66.4600	159.5791	2	13	0	405210	08/22/76	13	12	14.2	5		7.4	32		2	7	6	8	3	1												3.90
02	66.4583	159.5566	2	13	0	405211	08/22/76	13	11	14.3	5		7.5	37		2	7	6	7	3	1												3.40
02	66.4700	159.4833	2	13	0	405212	08/22/76	13	12	12.8	5		7.4	55		2	7	5	7	3	1												3.20
02	66.4500	159.4716	2	13	0	405213	08/22/76	13	11	13.2	5		7.5	70		2	7	5	7	3	1												3.20
02	66.4283	159.3533	2	13	0	405214	08/22/76	14	12	14.2	5		7.4	24		2	7	5	7	3	1												3.50
02	66.4083	159.3050	2	13	0	405215	08/22/76	14	12	14.4	5		7.5	30		2	7	5	8	3	1												2.80
02	66.4183	159.4516	2	13	0	405216	08/22/76	14	12	14.6	5		7.3	136		2	7	6	8	3	1												3.30
02	66.4000	159.4116	2	13	0	405217	08/22/76	14	12	14.5	5		7.2	116		2	7	5	7	3	1												3.60
02	66.4305	159.3869	2	13	0	405218	08/22/76	14	14	14.8	5		8.1	40		2	7	5	7	3	1												3.10
02	66.4000	159.5783	2	13	0	405219	08/22/76	14	13	14.8	5		7.5	39		2	7	6	8	3	1												3.10
02	66.4222	159.6333	2	13	0	405220	08/22/76	14	12	13.7	5		7.7	96		2	7	6	7	3	1												3.10
02	66.4050	159.6408	2	13	0	405221	08/22/76	14	12	13.7	5		7.6	11		2	7	5	7	3	1												3.40
02	66.3772	159.6300	2	13	0	405222	08/22/76	14	12	14.1	5		8.1	28		2	7	6	7	3	1												2.90
02	66.3683	159.6908	2	13	0	405223	08/22/76	14	12	14.0	5		8.3	30		2	7	5	7	3	1												3.00
02	66.3777	159.7333	2	13	0	405224	08/22/76	14	11	13.6	5		7.8	19		2	7	5	7	3	1												3.10
02	66.4000	159.7444	2	13	0	405225	08/22/76	14	12	13.7	5		7.9	24		2	7	5	8	3	1												4.00
02	66.3816	159.8333	2	13	0	405226	08/22/76	14	12	14.3	5		7.8	22		2	7	5	8	3	1												3.00
02	66.4000	159.8180	2	13	0	405228	08/22/76	14	12	14.3	5		7.6	18		2	7	5	7	3	1												3.20
02	66.3972	159.8541	2	13	0	405229	08/22/76	14	12	14.3	5		7.7	20		2	7	5	7	3	1												3.00
02	66.4277	160.0016	2	13	0	405230	08/22/76	14	13	14.5	5		7.4	31		2	7	6	6	3	1												3.20
02	66.3988	159.9708	2	13	0	405231	08/22/76	14	13	14.4	5		7.5	32		2	7	5	6	3	1												3.10
02	66.3766	159.9550	2	13	0	405232	08/22/76	14	14	14.8	5		7.5	27		2	7	5	6	3	1												3.10
02	66.3744	160.0183	2	13	0	405233	08/22/76	14	14	14.7	5		7.4	40		2	7	6	8	3	1												3.20
02	66.4111	160.1233	2	13	0	405234	08/22/76	14	14	14.3	5		7.4	22		2	7	6	7	3	1												2.90
02	66.4133	160.1966	2	13	0	405235	08/22/76	14	14	14.5	5		7.3	30		2	7	5	8	3	1												3.00

APPENDIX C (continued). Field Data and Uranium Concentrations for Sediment Samples

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (μmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
							DATE	HOUR																									
	02-66.3861-160.1316-2-13-					0-405236-08/22/76-14-			14-13.8-		-S-		7.0-	167-		-2-7-5-7-		-3-1-		-4-4-2-3-		-1-	-	-	-							2.86
	02-66.3600-160.0960-2-13-					0-405237-08/22/76-14-			14-14.0-		-S-		7.2-	180-		-2-7-6-7-		-3-1-		-4-4-2-3-		-1-	-	-	-							2.58
	02-66.3850-160.1666-2-13-					0-405238-08/22/76-14-			13-14.5-		-S-		7.6-	18-		-2-7-5-8-		-3-1-		-4-4-2-3-		-1-	-	-	-							5.03
	02-66.3761-160.2075-2-13-					0-405239-08/22/76-14-			12-14.5-		-S-		7.5-	24-		-2-7-6-8-		-3-1-		-4-4-2-3-		-1-	-	-	-							3.73
	02-66.3694-160.3191-2-12-					0-405240-08/22/76-15-			13-14.5-		-	-	6.2-	36-		5-2-7-3-6-2-3-1-1-		4-4-2-3-		-1-	-	-	-							3.16
	02-66.3561-160.3519-2-12-					0-405241-08/22/76-15-			12-14.0-		-	-	6.7-	40-		4-2-7-3-6-2-3-1-1-		4-4-2-3-		-1-	-	-	-							3.25
	02-66.3666-160.4433-2-13-					0-405242-08/22/76-15-			12-14.3-		-S-		7.3-	25-		-2-7-3-7-		-3-1-		-4-4-2-3-		-1-	-	-	-							3.27
	02-66.3527-160.4600-2-13-					0-405243-08/22/76-15-			12-14.0-		-S-		7.5-	30-		-2-7-5-7-		-3-1-		-4-4-2-3-		-1-	-	-	-							3.31
	02-66.3561-160.5166-2-13-					0-405244-08/22/76-15-			12-20.5-		-S-		6.4-	24-		-2-7-5-7-		-3-1-		-4-4-2-3-		-1-	-	-	-							3.09
	02-66.3500-160.5300-2-13-					0-405245-08/22/76-15-			12-14.2-		-S-		6.9-	67-		-2-7-5-7-		-3-1-		-4-4-2-3-		-1-	-	-	-							3.01
	02-66.3583-160.6633-2-13-					0-405246-08/22/76-15-			12-13.7-		-S-		7.0-	40-		-2-7-6-8-		-3-1-		-4-4-2-3-		-1-	-	-	-							2.80
	02-66.3569-160.7000-2-13-					0-405247-08/22/76-15-			12-14.2-		-S-		6.6-	40-		-2-7-6-7-		-3-1-		-4-4-2-3-		-1-	-	-	-							3.09
	02-66.3266-160.5625-2-13-					0-405248-08/22/76-15-			12-14.2-		-S-		4.9-	15-		-2-7-5-7-		-3-1-		-4-4-2-3-		-1-	-	-	-							2.90
	02-66.3266-160.4566-2-13-					0-405249-08/22/76-15-			12-14.2-		-S-		6.2-	32-		-2-7-5-8-		-3-1-		-4-4-2-3-		-1-	-	-	-							3.20
	02-66.2941-160.5572-2-13-					0-405250-08/22/76-15-			12-13.7-		-S-		7.2-	40-		-2-7-6-8-		-3-1-		-4-4-2-3-		-1-	-	-	-							2.90
	02-66.2466-160.5375-2-13-					0-405251-08/22/76-15-			12-14.7-		-S-		8.2-	15-		-2-7-5-7-		-3-1-		-4-4-2-3-		-1-	-	-	-							3.30
	02-66.2550-160.4900-2-13-					0-405252-08/22/76-15-			12-14.7-		-S-		7.9-	22-		-2-7-6-8-		-3-1-		-4-4-2-3-		-1-	-	-	-							3.20
	02-66.2516-160.4583-2-13-					0-405253-08/22/76-15-			14-14.3-		-S-		8.2-	47-		-2-7-5-6-		-3-1-		-4-4-2-3-		-1-	-	-	-							3.80
	02-66.2908-160.4194-2-13-					0-405254-08/22/76-15-			12-13.9-		-S-		7.4-	54-		-2-7-5-7-		-3-1-		-4-4-2-3-		-1-	-	-	-							4.00
	02-66.3227-160.3061-2-13-					0-405255-08/22/76-15-			13-14.2-		-S-		7.9-	47-		-2-7-6-7-		-3-1-		-4-4-2-3-		-1-	-	-	-							3.80
	02-66.2650-160.2833-2-13-					0-405256-08/22/76-15-			13-13.7-		-S-		8.1-	47-		-2-7-6-7-		-3-1-		-4-4-2-3-		-1-	-	-	-							5.60
	02-66.2333-160.2866-2-13-					0-405257-08/22/76-15-			14-14.1-		-S-		7.8-	21-		-2-7-6-8-		-3-1-		-4-4-2-3-		-1-	-	-	-							3.60
	02-66.2294-160.2400-2-13-					0-405258-08/22/76-15-			12-14.4-		-S-		7.2-	13-		-2-7-6-8-		-3-1-		-4-4-2-3-		-1-	-	-	-							2.40
	02-66.2666-160.2300-2-13-					0-405259-08/22/76-15-			12-14.7-		-S-		8.1-	14-		-2-7-5-7-		-3-1-		-4-4-2-3-		-1-	-	-	-							2.40
	02-66.2483-160.0833-2-13-					0-405260-08/22/76-15-			12-14.6-		-S-		7.8-	12-		-2-7-6-8-		-3-1-		-4-4-2-3-		-1-	-	-	-							2.40
	02-66.2500-159.9633-2-13-					0-405261-08/22/76-16-			13-14.4-		-S-		7.4-	33-		-2-7-5-8-		-3-1-		-4-4-2-3-		-1-	-	-	-							3.00
	02-66.2433-159.9125-2-13-					0-405262-08/22/76-16-			12-14.2-		-S-		7.8-	40-		-2-7-5-8-		-3-1-		-4-4-2-3-		-1-	-	-	-							4.80
	02-66.3000-159.8850-2-12-					0-405263-08/22/76-16-			14-13.7-		-	-	7.2-	34-		-2-7-5-7-3-2-1-1-		4-4-2-3-		-1-	-	-	-							3.00
	02-66.2894-159.9633-2-12-					0-405264-08/22/76-16-			14-13.9-		-	-	7.6-	40-		-2-7-6-8-3-2-1-1-		4-4-2-3-		-1-	-	-	-							19.20
	02-66.3250-160.2072-2-12-					0-405265-08/22/76-16-			14-13.6-		-	-	7.2-	36-		-2-7-3-6-3-2-1-1-		4-4-2-3-		-1-	-	-	-							3.20
	02-66.3138-160.0800-2-12-					0-405266-08/22/76-16-			14-12.7-C-		-	-	7.2-	40-		-2-7-3-6-3-2-1-1-		3-4-3-3-		-1-	-	-	-							3.00
	02-66.2958-160.0833-2-12-					0-405267-08/22/76-16-			14-12.4-		-	-	6.8-	26-		-2-7-3-6-3-2-1-1-		3-4-3-3-		-1-	-	-	-							3.70
	02-66.3066-160.0160-2-13-					0-405268-08/22/76-16-			13-14.1-		-S-		8.1-	24-		-2-7-6-8-		-3-1-		-4-4-3-3-		-1-	-	-	-							3.20
	02-66.3225-159.9466-2-13-					0-405269-08/22/76-16-			13-13.7-		-S-		8.3-	32-		-2-7-5-7-		-3-1-		-4-4-3-3-		-1-	-	-	-							3.50
	02-66.3466-159.7960-2-13-					0-405272-08/22/76-16-			14-14.6-		-S-		8.1-	32-		-2-7-5-6-		-3-1-		-4-4-3-3-		-1-	-	-	-							3.60
	02-66.8311-160.9744-2-13-					0-405276-08/23/76-	9-		11-13.9-		-S-		9.3-	44-		-2-7-4-5-		-3-1-		-4-3-1-2-		-1-	-	-	-							3.20
	02-66.8133-160.7966-2-13-					0-405277-08/23/76-	9-		12-13.8-		-S-		8.7-	102-		-2-7-4-6-		-3-1-		-4-3-2-3-		-1-	-	-	-							5.10
	02-66.8500-160.7800-2-13-					0-405278-08/23/76-	9-		12-13.7-		-S-		8.7-	40-		-2-7-4-6-		-3-1-		-4-3-2-3-		-1-	-	-	-							4.50
	02-66.8400-160.6766-2-12-					0-405279-08/23/76-	9-		12-13.1-		-	-	8.5-	72-		-2-7-4-6-2-3-1-2-		4-3-2-3-		-1-	-	-	-							3.00
	02-66.8033-160.6233-2-12-					0-405280-08/23/76-	9-		12-12.8-		-	-	8.2-	57-		-2-7-4-6-2-3-1-2-		4-3-2-3-		-1-	-	-	-							3.10
	02-66.8102-160.5366-2-12-					0-405281-08/23/76-	9-		12-13.3-		-	-	7.8-	62-		-2-7-4-6-2-3-1-2-		4-3-2-3-		-1-	-	-	-							3.10
	02-66.8355-160.5700-2-12-					0-405282-08/23/76-	9-		11-13.0-		-	-	8.0-	25-		-2-7-4-6-2-3-1-2-		4-3-2-3-		-1-	-	-	-							2.20
	02-66.8169-160.4733-2-12-					0-405284-08/23/76-	10-		12-13.5-		-	-	7.8-	30-		-2-7-4-6-2-3-1-2-		1-2-2-3-		-1-	-	-	-							3.50
	02-66.8372-160.3833-2-12-					0-405285-08/23/76-	10-		12-12.9-		-	-	8.4-	53-		-2-7-4-6-2-3-1-2-		4-3-2-3-		-1-	-	-	-							3.80
	02-66.8558-160.4033-2-12-					0-405286-08/23/76-	10-		12-12.6-		-	-	7.3-	86-		-2-7-4-6-2-3-1-2-		4-4-3-2-3-		-1-	-	-	-							2.20
	02-66.8521-160.1500-2-12-					0-405287-08/23/76-	10-		12-12.8-		-	-	8.2-	85-		-2-7-4-6-2-3-1-2-		4-3-2-3-		-1-	-	-	-							2.50
	02-66.8900-160.1966-2-12-					0-405288-08/23/76-	10-		12-13.1-		-	-	8.5-	115-		-2-7-4-6-2-3-1-2-		4-3-2-3-		-1-	-	-	-							3.20
	02-66.8794-160.0833-2-12-					0-405289-08/23/76-	10-		13-12.8-		-	-	8.8-	42-		-2-7-4-6-2-3-1-2-		4-3-3-2-		-1-	-	-	-							3.00
	02-66.8800-159.9266-2-12-					0-405290-08/23/76-	10-		13-12.8-		-	-	7.8-	56-		-2-7-4-6-2-3-1-2-		1-3-3-2-		-1-	-	-	-							3.40
	02-66.8466-159.9200-2-12-					0-405291-08/23/76-	10-		13-12.7-		-	-	7.8-	63-		-2-7-4-6-2-3-1-2-		1-3-2-2-		-1-	-	-	-							2.10
	02-66.8333-160.0300-2-12-					0-405292-08/23/76-	10-		12-13.0-		-	-	8.1-	47-		-2-7-4-6-2-3-1-2-		1-3-2-2-		-1-	-	-	-							4.10

APPENDIX C (continued). Field Data and Uranium Concentrations for Sediment Samples

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																							U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (μmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNE Ship	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
02-	66.8569-	159.7933-2-12-				0-405293-08/23/76-10-			13-	12.8-	-	-	8.3-	69-		-2-7-4-6-	-2-3-1-	-2-1-3-	-2-2-2-	-1-	-	-	-	-	-				2.30
02-	66.8811-	159.8300-2-12-				0-405294-08/23/76-10-			13-	13.2-	-	-	7.9-	85-		-2-7-4-6-	-2-3-1-	-2-4-3-2-2-		-1-	-	-	-	-	-				3.90
02-	66.9297-	159.7860-2-12-				0-405295-08/23/76-10-			13-	12.7-	-	S-	8.9-	188-		-2-7-4-6-	-	-	-	-4-3-2-3-		-1-	-	-	-	-			9.20
02-	66.8783-	159.7210-2-13-				0-405296-08/23/76-10-			13-	12.8-	-	S-	8.8-	153-		-2-7-4-6-	-3-1-	-4-3-2-3-		-1-	-	-	-	-	-				2.10
02-	66.8366-	159.7210-2-13-				0-405297-08/23/76-10-			13-	12.6-	-	S-	8.5-	170-		-2-7-4-6-	-3-1-	-4-3-2-3-		-1-	-	-	-	-	-				2.50
02-	66.9188-	159.6110-2-13-				0-405298-08/23/76-11-			13-	12.9-	-	S-	8.2-	121-		-2-7-4-6-	-3-1-	-4-3-2-3-		-1-	-	-	-	-	-				2.90
02-	66.9183-	159.6733-2-13-				0-405299-08/23/76-11-			13-	12.9-	-	S-	8.6-	106-		-2-7-4-6-	-3-1-	-4-3-2-3-		-1-	-	-	-	-	-				3.00
02-	66.8936-	159.5233-2-12-				0-405300-08/23/76-11-			13-	12.3-	-	-	7.8-	41-		-2-7-4-6-2-3-1-2-4-3-2-3-				-1-	-	-	-	-	-				3.20
02-	66.8383-	159.4600-2-12-				0-405301-08/23/76-11-			13-	13.2-	-	-	8.5-	94-		-2-7-4-6-1-2-1-2-4-3-2-3-				-1-	-	-	-	-	-				3.10
02-	66.8366-	159.3500-2-12-				0-405302-08/23/76-11-			13-	13.6-	-	-	8.2-	153-		-2-7-4-6-2-3-1-2-4-3-2-3-				-1-	-	-	-	-	-				3.40
02-	66.8961-	159.4266-2-12-				0-405303-08/23/76-11-			13-	12.7-	-	-	8.0-	48-		-2-7-4-6-2-3-1-2-1-2-2-3-				-1-	-	-	-	-	-				2.10
02-	66.8883-	159.3933-2-12-				0-405304-08/23/76-11-			12-	12.5-	-	-	8.4-	83-		-2-7-4-6-2-3-1-2-4-3-2-3-				-1-	-	-	-	-	-				3.20
02-	66.8466-	159.3850-2-12-				0-405305-08/23/76-11-			12-	12.4-	-	-	8.3-	59-		-2-7-4-6-2-3-1-2-1-3-2-3-				-1-	-	-	-	-	-				4.70
02-	66.8472-	159.2333-2-12-				0-405306-08/23/76-11-			11-	12.9-	-	-	8.3-	96-		-2-7-4-6-2-3-1-2-1-2-2-3-				-1-	-	-	-	-	-				3.00
02-	66.8894-	159.2269-2-12-				0-405307-08/23/76-11-			11-	13.5-	-	-	8.6-	87-		-2-7-4-6-2-3-1-2-1-2-1-3-				-1-	-	-	-	-	-				3.50
02-	66.8891-	159.1433-2-12-				0-405308-08/23/76-11-			11-	9.6-	-	-	8.9-	162-		-2-7-4-6-2-3-1-2-4-3-1-3-				-1-	-	-	-	-	-				3.30
02-	66.8483-	159.1600-2-12-				0-405309-08/23/76-11-			11-	10.5-	-	-	8.7-	125-		-2-7-4-6-2-3-1-2-1-2-1-3-				-1-	-	-	-	-	-				3.20
02-	66.8444-	159.0476-2-12-				0-405310-08/23/76-11-			11-	10.8-	-	-	8.5-	141-		-2-7-4-6-2-3-1-2-1-2-1-3-				-1-	-	-	-	-	-				2.70
02-	66.8966-	159.0400-2-12-				0-405311-08/23/76-12-			11-	11.0-	-	-	8.5-	163-		-2-7-4-6-2-3-1-2-1-2-1-3-				-1-	-	-	-	-	-				2.60
02-	66.9816-	158.8833-2-12-				0-405312-08/23/76-12-			11-	10.3-	-	-	8.7-	81-		-2-7-4-6-2-3-1-2-4-3-1-3-				-1-	-	-	-	-	-				3.00
02-	66.9586-	158.8691-2-12-				0-405313-08/23/76-12-			11-	10.8-	-	-	8.4-	63-		-2-7-4-6-2-3-1-2-4-3-1-3-				-1-	-	-	-	-	-				3.00
02-	66.9544-	158.8086-2-13-				0-405314-08/23/76-12-			11-	-	-	-	-	-		-2-7-4-6-	-	-	-	-1-2-1-3-		-1-	-	-	-	-			3.80
02-	66.9600-	158.7905-2-13-				0-405315-08/23/76-12-			11-	11.4-	-	S-	8.6-	287-		-2-7-4-6-	-	-3-1-	-1-2-1-3-			-1-	-	-	-	-			3.20
02-	66.9366-	158.8850-2-13-				0-405316-08/23/76-12-			11-	11.8-	-	S-	8.2-	195-		-2-7-4-6-	-	-3-1-	-1-2-2-3-			-1-	-	-	-	-			3.80
02-	66.9625-	158.8269-2-13-				0-405317-08/23/76-12-			12-	12.1-	-	S-	8.6-	214-		-2-7-4-6-	-	-3-1-	-1-2-1-3-			-1-	-	-	-	-			3.60
02-	66.9488-	158.8366-2-13-				0-405318-08/23/76-12-			12-	5.8-	-	S-	8.7-	127-		-2-7-4-6-	-	-3-1-	-1-2-2-3-			-1-	-	-	-	-			3.20
02-	66.9261-	158.8750-2-13-				0-405319-08/23/76-12-			11-	8.9-	-	S-	8.5-	141-		-2-7-4-6-	-	-3-1-	-1-2-3-3-			-1-	-	-	-	-			3.90
02-	66.9500-	158.4811-2-13-				0-405320-08/23/76-12-			11-	13.8-	-	S-	8.5-	14-		-2-7-4-6-	-	-3-1-	-1-2-2-3-			-1-	-	-	-	-			3.20
02-	66.9875-	158.0208-2-13-				0-405321-08/23/76-12-			11-	16.0-	-	S-	8.3-	50-		-2-7-4-6-	-	-3-1-	-1-2-3-3-			-1-	-	-	-	-			4.50
02-	66.9463-	158.0433-2-13-				0-405322-08/23/76-12-			11-	17.2-	-	S-	8.4-	8-		-2-7-4-6-	-	-3-1-	-1-3-3-3-			-1-	-	-	-	-			2.20
02-	66.9000-	158.0250-2-13-				0-405323-08/23/76-12-			11-	15.4-	-	S-	7.8-	16-		-2-7-4-6-	-	-3-1-	-1-2-2-3-			-1-	-	-	-	-			3.50
02-	66.8433-	158.0175-2-13-				0-405325-08/23/76-13-			11-	16.5-	-	S-	9.3-	28-		-2-7-4-6-	-	-3-1-	-4-3-1-2-			-1-	-	-	-	-			2.50
02-	66.8072-	158.0333-2-13-				0-405326-08/23/76-13-			14-	16.0-	-	S-	8.6-	23-		-2-7-4-6-	-	-3-1-	-1-2-1-2-			-1-	-	-	-	-			3.10
02-	66.8133-	158.0660-2-13-				0-405327-08/23/76-13-			14-	18.0-	-	S-	8.6-	66-		-2-7-4-6-	-	-3-1-	-1-2-1-2-			-1-	-	-	-	-			2.80
02-	66.8188-	158.1383-2-13-				0-405328-08/23/76-13-			14-	15.9-	-	S-	8.4-	66-		-2-7-4-6-	-	-3-1-	-1-2-1-2-			-1-	-	-	-	-			3.20
02-	66.8166-	158.2000-2-13-				0-405329-08/23/76-13-			14-	15.9-	-	S-	8.6-	38-		-2-7-4-6-	-	-3-1-	-1-2-1-2-			-1-	-	-	-	-			3.70
02-	66.8194-	158.2500-2-13-				0-405330-08/23/76-13-			14-	15.7-	-	S-	8.4-	65-		-2-7-4-6-	-	-3-1-	-4-3-1-2-			-1-	-	-	-	-			2.10
02-	66.8400-	158.2366-2-13-				0-405331-08/23/76-12-			11-	17.2-	-	S-	8.3-	56-		-2-7-4-6-	-	-3-1-	-1-2-2-3-			-1-	-	-	-	-			3.00
02-	66.8341-	158.1438-2-13-				0-405332-08/23/76-12-			11-	15.9-	-	S-	8.2-	37-		-2-7-4-6-	-	-3-1-	-1-2-2-3-			-1-	-	-	-	-			4.40
02-	66.8463-	158.0800-2-13-				0-405333-08/23/76-12-			11-	15.8-	-	S-	7.8-	21-		-2-7-4-6-	-	-3-1-	-1-2-2-3-			-1-	-	-	-	-			3.55
02-	66.8733-	158.0800-2-13-				0-405334-08/23/76-13-			14-	16.0-	-	S-	9.9-	65-		-2-7-4-6-	-	-3-1-	-1-2-1-2-			-1-	-	-	-	-			3.10
02-	66.8761-	158.1350-2-13-				0-405335-08/23/76-13-			14-	15.9-	-	S-	9.1-	48-		-2-7-4-6-	-	-3-1-	-1-2-1-2-			-1-	-	-	-	-			9.80
02-	66.8791-	158.2016-2-13-				0-405336-08/23/76-13-			14-	15.7-	-	S-	9.2-	75-		-2-7-4-6-	-	-3-1-	-1-2-1-2-			-1-	-	-	-	-			4.10
02-	66.8900-	158.2041-2-13-				0-405337-08/23/76-13-			14-	15.4-	-	S-	9.9-	131-		-2-7-4-6-	-	-3-1-	-1-2-1-2-			-1-	-	-	-	-			4.20
02-	66.8933-	158.1360-2-13-				0-405338-08/23/76-13-			14-	12.9-	-	S-	8.8-	155-		-2-7-4-6-	-	-3-1-	-4-3-1-2-			-1-	-	-	-	-			5.60
02-	66.9208-	158.2113-2-12-				0-405339-08/23/76-13-			14-	12.2-	-	-	8.1-	741-		-2-7-4-6-2-3-1-2-4-3-1-2-				-1-	-	-	-	-	-				7.10
02-	66.9527-	158.2721-2-12-				0-405340-08/23/76-13-			14-	12.9-	-	-	8.5-	123-		-2-7-4-6-2-3-1-2-4-3-1-2-				-1-	-	-	-	-	-				6.70
02-	66.9705-	158.2608-2-12-				0-405341-08/23/76-14-			16-	12.3-	-	-	8.7-	112-		-2-7-4-6-2-3-1-2-4-3-1-2-				-1-	-	-	-	-	-				6.50
02-	66.9758-	158.2341-2-12-				0-405342-08/23/76-14-			16-	12.5-	-	-	8.5-	156-		-2-7-4-6-2-3-1-2-1-2-1-2-				-1-	-	-	-	-	-				4.30
02-	66.9413-	158.1925-2-12-				0-405343-08/23/76-14-			16-	12.3-	-	-	8.7-	149-		-2-7-4-6-2-3-1-2-1-2-1-2-				-1-	-	-	-	-	-				7.40
02-	66.9194-	158.1575-2-12-				0-405344-08/23/76-14-			16-	12.7-	-	-	8.1-	173-		-2-7-4-6-2-3-1-2-1-2-1-2-				-1-	-	-	-	-	-				7.00

APPENDIX C (continued). Field Data and Uranium Concentrations for Sediment Samples

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (μmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
02	66.9252	158.0618	2	13	-	0-405346	08/23/76	14	16	15.7	-	S	9.5	162	-	2	7	4	6	-	-	1	-	1	2	1	2	-	1	-	-	-	-	2.50
02	66.9483	158.1491	2	13	-	0-405347	08/23/76	14	16	15.4	-	S	8.8	18	-	2	7	4	6	-	3	1	-	1	2	1	2	-	1	-	-	-	-	1.90
02	66.9941	158.1291	2	13	-	0-405348	08/23/76	14	16	15.7	-	S	8.5	12	-	2	7	4	6	-	3	1	-	1	2	1	2	-	1	-	-	-	-	2.80
02	66.9700	158.0725	2	13	-	0-405349	08/23/76	14	16	15.4	-	S	8.1	12	-	2	7	4	6	-	3	1	-	1	2	1	2	-	1	-	-	-	-	3.10
02	66.8950	158.0950	2	13	-	0-405350	08/23/76	14	16	15.5	-	S	8.7	71	-	2	7	4	6	-	3	1	-	1	2	1	2	-	1	-	-	-	-	4.00
02	66.8722	158.0760	2	13	-	0-405351	08/23/76	14	16	15.9	-	S	9.1	15	-	2	7	4	6	-	3	1	-	1	2	1	2	-	1	-	-	-	-	2.20
02	66.9016	158.3683	2	12	-	0-405352	08/23/76	14	16	12.1	-	-	8.3	141	-	2	7	4	6	-	-	-	-	2	2	1	2	-	1	-	-	-	-	3.10
02	66.8677	158.3900	2	12	-	0-405353	08/23/76	14	16	12.0	-	-	8.8	122	-	2	7	4	6	2	3	1	2	1	2	1	2	-	1	-	-	-	-	6.60
02	66.8433	158.3700	2	12	-	0-405354	08/23/76	14	16	11.8	-	-	7.9	75	-	2	7	4	6	2	3	1	2	1	2	1	2	-	1	-	-	-	-	2.60
02	66.8988	158.5083	2	12	-	0-405355	08/23/76	15	16	11.7	-	-	8.1	96	-	2	7	4	6	2	3	1	2	1	2	1	2	-	1	-	-	-	-	3.60
02	66.9066	158.5565	2	12	-	0-405356	08/23/76	15	16	12.2	-	-	8.4	79	-	2	7	4	6	2	3	1	2	1	2	1	2	-	1	-	-	-	-	3.50
02	66.8702	158.5608	2	12	-	0-405357	08/23/76	15	16	12.6	-	-	8.5	114	-	2	7	4	6	2	3	1	2	1	2	1	2	-	1	-	-	-	-	4.70
02	66.8441	158.5752	2	12	-	0-405358	08/23/76	15	16	11.8	-	-	8.3	127	-	2	7	4	6	2	3	1	2	1	2	1	2	-	1	-	-	-	-	3.50
02	66.8700	158.5326	2	13	-	0-405359	08/23/76	15	16	15.2	-	S	7.3	2	-	2	7	4	6	-	3	1	-	1	2	1	2	-	1	-	-	-	-	2.90
02	66.8994	158.6927	2	12	-	0-405361	08/23/76	15	16	12.4	-	-	7.7	207	-	2	7	4	6	2	3	1	2	1	2	2	2	-	1	-	-	-	-	3.20
02	66.8688	158.7133	2	12	-	0-405362	08/23/76	15	16	12.9	-	-	7.9	156	-	2	7	4	6	2	3	1	2	1	2	3	2	-	1	-	-	-	-	3.30
02	66.8736	158.6733	2	12	-	0-405363	08/23/76	15	16	12.1	-	-	8.1	165	-	2	7	4	6	2	3	1	2	1	2	3	1	-	1	-	-	-	-	3.10
02	66.8400	158.7369	2	12	-	0-405364	08/23/76	15	16	12.0	-	-	8.3	171	-	2	7	4	6	2	3	1	2	1	3	2	2	-	1	-	-	-	-	3.10
02	66.8713	158.7808	2	12	-	0-405365	08/23/76	15	16	12.0	-	-	8.1	132	-	2	7	4	6	2	3	1	2	1	3	2	2	-	1	-	-	-	-	3.50
02	66.8938	158.7775	2	12	-	0-405366	08/23/76	15	16	11.9	-	-	8.4	172	-	2	7	4	6	2	3	1	2	1	3	2	2	-	1	-	-	-	-	3.40
02	66.9094	158.8233	2	12	-	0-405367	08/23/76	15	16	12.1	-	-	7.8	156	-	2	7	4	6	2	3	1	2	1	3	3	2	-	1	-	-	-	-	3.30
02	66.9205	158.9050	2	12	-	0-405368	08/23/76	15	16	11.6	-	-	8.7	2[illegible]	-	2	7	4	6	2	3	1	2	1	2	3	2	-	1	-	-	-	-	4.10
02	66.8958	158.9158	2	12	-	0-405369	08/23/76	15	17	10.4	-	-	8.7	271	-	2	7	4	6	2	3	1	2	1	3	2	2	-	1	-	-	-	-	3.60
02	66.8697	158.8825	2	12	-	0-405370	08/23/76	15	17	11.2	-	-	8.4	231	-	2	7	4	6	2	3	1	2	1	2	3	2	-	1	-	-	-	-	3.20
02	66.8441	158.7633	2	12	-	0-405371	08/23/76	15	17	11.7	-	-	8.2	221	-	2	7	4	6	2	3	1	2	1	2	2	2	-	1	-	-	-	-	3.00
02	66.8358	158.8933	2	12	-	0-405372	08/23/76	15	18	11.9	-	-	8.0	172	-	2	7	4	6	2	3	1	2	1	2	2	2	-	1	-	-	-	-	3.40
02	66.8391	158.9660	2	12	-	0-405373	08/23/76	15	16	12.3	-	-	7.9	203	-	2	7	4	6	2	3	1	2	1	2	2	2	-	1	-	-	-	-	2.70
02	66.8705	158.9450	2	13	-	0-405374	08/23/76	15	16	15.9	-	S	8.8	32	-	2	7	4	6	-	3	1	-	1	2	2	2	-	1	-	-	-	-	3.10
02	66.8822	158.9791	2	13	-	0-405376	08/23/76	15	18	11.8	-	S	7.2	18	-	2	7	4	6	-	3	1	-	1	2	1	2	-	1	-	-	-	-	2.80
02	66.7983	159.0339	2	13	-	0-405377	08/23/76	15	18	16.2	-	S	7.0	26	-	2	7	4	6	-	3	1	-	1	2	2	1	-	1	-	-	-	-	3.30
02	66.7791	159.0200	2	13	-	0-405378	08/23/76	15	18	16.3	-	S	7.3	26	-	2	7	4	6	-	3	1	-	1	2	1	2	-	1	-	-	-	-	3.00
02	66.8016	159.1300	2	13	-	0-405379	08/23/76	15	18	16.1	-	S	7.0	10	-	2	7	4	6	-	3	1	-	1	2	1	2	-	1	-	-	-	-	4.00
02	66.8002	159.2510	2	13	-	0-405382	08/23/76	15	18	16.0	-	S	7.7	46	-	2	7	4	6	-	3	1	-	1	2	1	1	-	1	-	-	-	-	2.90
02	66.7966	159.3460	2	13	-	0-405383	08/23/76	16	18	16.4	-	S	8.1	17	-	2	7	4	6	-	3	1	-	1	2	1	1	-	1	-	-	-	-	3.10
02	66.7600	159.3660	2	13	-	0-405384	08/23/76	16	18	14.4	-	S	7.6	28	-	2	7	4	6	-	3	1	-	1	2	1	1	-	1	-	-	-	-	3.40
02	66.7583	159.4611	2	13	-	0-405385	08/23/76	16	18	17.4	-	S	7.3	12	-	2	7	4	6	-	3	1	-	1	2	1	1	-	1	-	-	-	-	3.50
02	66.8061	159.4760	2	13	-	0-405386	08/23/76	16	18	15.9	-	S	6.8	15	-	2	7	4	6	-	3	1	-	1	2	-	1	-	1	-	-	-	-	3.30
02	66.7600	159.5733	2	13	-	0-405388	08/23/76	16	18	16.6	-	S	7.1	89	-	2	7	4	6	-	3	1	-	1	2	1	1	-	1	-	-	-	-	3.60
02	66.7622	159.6916	2	13	-	0-405389	08/23/76	16	18	16.2	-	S	7.4	20	-	2	7	4	6	-	3	1	-	1	2	1	1	-	1	-	-	-	-	2.90
02	66.7866	159.6833	2	13	-	0-405390	08/23/76	16	18	16.5	-	S	7.6	117	-	2	7	4	6	-	3	1	-	1	2	1	1	-	1	-	-	-	-	3.00
02	66.7969	159.7533	2	12	-	0-405391	08/23/76	16	18	10.5	-	-	7.5	160	-	2	7	4	6	2	3	1	2	1	2	1	1	-	1	-	-	-	-	2.70
02	66.7633	159.7660	2	13	-	0-405392	08/23/76	16	18	17.4	-	S	8.3	19	-	2	7	4	6	-	3	1	-	1	2	1	1	-	1	-	-	-	-	3.20
02	66.7769	159.8566	2	12	-	0-405393	08/23/76	16	18	12.3	-	-	7.8	168	-	2	7	4	6	2	3	1	2	1	2	1	1	-	1	-	-	-	-	2.50
02	66.8036	159.8600	2	12	-	0-405394	08/23/76	16	18	12.5	-	-	7.9	152	-	2	7	4	6	2	3	1	2	1	2	1	1	-	1	-	-	-	-	2.10
02	66.7933	160.0333	2	12	-	0-405395	08/23/76	16	18	12.6	-	-	7.9	131	-	2	7	4	6	2	3	1	2	1	2	1	1	-	1	-	-	-	-	3.10
02	66.7583	160.0200	2	12	-	0-405396	08/23/76	16	18	11.9	-	-	8.1	158	-	2	7	4	6	2	3	1	2	1	2	1	1	-	1	-	-	-	-	2.40
02	66.7533	160.0760	2	12	-	0-405397	08/23/76	16	18	5.2	-	-	9.1	191	-	2	7	4	6	2	3	1	2	1	2	1	1	-	1	-	-	-	-	4.00
02	66.7833	160.1133	2	12	-	0-405398	08/23/76	16	18	10.8	-	-	8.7	160	-	2	7	4	6	2	3	1	2	1	2	1	1	-	1	-	-	-	-	3.40
02	66.7466	160.2183	2	12	-	0-405399	08/23/76	16	18	11.6	-	-	8.9	221	-	2	7	4	6	2	3	1	2	1	2	1	1	-	1	-	-	-	-	3.10
02	66.7333	160.2983	2	12	-	0-405400	08/23/76	16	18	11.8	-	-	8.6	210	-	2	7	4	6	2	3	1	2	1	2	1	1	-	1	-	-	-	-	3.20
02	66.7197	160.2283	2	12	-	0-405401	08/23/76	17	18	11.3	-	-	8.5	187	-	2	7	4	6	2	3	1	2	1	2	1	1	-	1	-	-	-	-	3.10

APPENDIX C (continued). Field Data and Uranium Concentrations for Sediment Samples

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
02-	66.7516-	160.3200-	2-	12-		0-405402-	08/23/76-	17-	18-	11.3-	-	-	8.1-	183-		-2-	7-	4-	6-	2-	3-	1-	2-	1-	2-	1-	1-	-1-	-	-	-	-	2.70
02-	66.7894-	160.3368-	2-	12-		0-405403-	08/23/76-	17-	18-	12.1-	-	-	7.2-	159-		-2-	7-	4-	6-	2-	3-	1-	2-	1-	2-	1-	1-	-1-	-	-	-	-	3.50
02-	66.8033-	160.2316-	2-	12-		0-405404-	08/23/76-	17-	18-	12.7-	-	-	8.3-	196-		-2-	7-	4-	6-	2-	3-	1-	2-	1-	2-	1-	1-	-1-	-	-	-	-	3.00
02-	66.6700-	159.6469-	2-	13-		0-405405-	08/23/76-	16-	18-	14.7-	-S-		9.4-	42-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-1-	-1-	-	-	-	-	3.00
02-	66.6750-	159.6000-	2-	13-		0-405406-	08/23/76-	18-	18-	15.1-	-S-		8.1-	21-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-1-	-1-	-	-	-	-	3.10
02-	66.6736-	159.5366-	2-	13-		0-405407-	08/23/76-	18-	18-	15.2-	-S-		7.4-	18-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-1-	-1-	-	-	-	-	2.60
02-	66.6694-	159.4566-	2-	13-		0-405408-	08/23/76-	18-	18-	16.0-	-S-		7.5-	16-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-1-	-1-	-	-	-	-	3.30
02-	66.6383-	159.4300-	2-	13-		0-405409-	08/23/76-	18-	18-	17.5-	-S-		7.8-	63-		-2-	7-	6-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	2.60
02-	66.7066-	159.4533-	2-	13-		0-405410-	08/23/76-	18-	18-	14.9-	-S-		9.0-	61-		-2-	7-	6-	6-	-3-	1-	-1-	4-	3-	1-	1-	-1-	-1-	-	-	-	-	5.10
02-	66.7266-	159.4850-	2-	13-		0-405411-	08/23/76-	18-	18-	14.4-	-S-		8.3-	15-		-2-	7-	4-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.30
02-	66.7194-	159.5044-	2-	13-		0-405412-	08/23/76-	18-	18-	15.6-	-S-		7.5-	12-		-2-	7-	4-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-1-	-1-	-	-	-	-	3.90
02-	66.7216-	159.6866-	2-	13-		0-405413-	08/23/76-	18-	18-	14.9-	-S-		7.5-	30-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-1-	-1-	-	-	-	-	2.90
02-	66.7150-	159.7650-	2-	13-		0-405414-	08/23/76-	18-	18-	16.0-	-S-		8.0-	22-		-2-	7-	6-	6-	-3-	1-	-1-	4-	2-	1-	1-	-1-	-1-	-	-	-	-	3.10
02-	66.7133-	159.8833-	2-	13-		0-405415-	08/23/76-	18-	17-	15.2-	-S-		7.5-	13-		-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-1-	-1-	-	-	-	-	3.20
02-	66.3733-	158.9900-	2-	13-		0-405416-	08/24/76-	10-	14-	15.5-	-S-		9.4-	71-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.10
02-	66.3741-	158.9558-	2-	13-		0-405417-	08/24/76-	10-	15-	16.0-	-S-		9.2-	69-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.10
02-	66.3700-	158.8655-	2-	13-		0-405418-	08/24/76-	10-	15-	16.6-	-S-		8.7-	39-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	2.80
02-	66.3833-	158.7875-	2-	13-		0-405419-	08/24/76-	10-	15-	16.0-	-S-		8.4-	44-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	2.20
02-	66.3825-	158.7108-	2-	13-		0-405420-	08/24/76-	10-	15-	14.0-	-S-		8.5-	55-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.50
02-	66.3733-	158.6600-	2-	13-		0-405421-	08/24/76-	-	15-	13.7-	-S-		8.3-	63-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.20
02-	66.3933-	158.6791-	2-	13-		0-405422-	08/24/76-	11-	16-	14.1-	-S-		7.6-	28-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.30
02-	66.4102-	158.7194-	2-	13-		0-405423-	08/24/76-	11-	16-	13.8-	-S-		7.2-	35-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.00
02-	66.4233-	158.6366-	2-	13-		0-405424-	08/24/76-	11-	15-	14.4-	-S-		7.8-	90-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.10
02-	66.4250-	158.7166-	2-	13-		0-405425-	08/24/76-	11-	15-	14.0-	-S-		7.4-	86-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.00
02-	66.4658-	158.6500-	2-	12-		0-405426-	08/24/76-	11-	15-	14.2-	-	-	8.7-	127-		-2-	7-	4-	6-	3-	3-	1-	2-	2-	2-	1-	2-	-1-	-	-	-	-	3.50
02-	66.4533-	158.7472-	2-	12-		0-405427-	08/24/76-	11-	15-	13.9-	-	-	8.2-	105-		-2-	7-	4-	6-	3-	3-	1-	2-	3-	2-	1-	2-	-1-	-	-	-	-	2.20
02-	66.4666-	158.7691-	2-	13-		0-405428-	08/24/76-	11-	15-	14.3-	-S-		9.0-	32-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.30
02-	66.4333-	158.7966-	2-	13-		0-405429-	08/24/76-	11-	15-	14.0-	-S-		8.7-	56-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.10
02-	66.4038-	158.8050-	2-	13-		0-405430-	08/24/76-	11-	15-	16.4-	-S-		9.1-	69-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.40
02-	66.4041-	158.8861-	2-	13-		0-405431-	08/24/76-	11-	15-	15.8-	-S-		8.4-	75-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.30
02-	66.3933-	158.9433-	2-	13-		0-405432-	08/24/76-	11-	15-	14.1-	-S-		7.9-	11-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	2.60
02-	66.3972-	158.9916-	2-	13-		0-405433-	08/24/76-	11-	15-	14.2-	-S-		7.8-	26-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	2.90
02-	66.4258-	158.9891-	2-	13-		0-405434-	08/24/76-	11-	15-	14.4-	-S-		8.1-	57-		-2-	7-	5-	6-	-3-	2-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.70
02-	66.4233-	158.9391-	2-	13-		0-405435-	08/24/76-	11-	15-	14.2-	-S-		7.8-	65-		-2-	7-	5-	6-	-3-	3-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.60
02-	66.4272-	158.8891-	2-	13-		0-405436-	08/24/76-	11-	15-	14.4-	-S-		7.9-	24-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.50
02-	66.4600-	158.8716-	2-	13-		0-405437-	08/24/76-	11-	15-	14.3-	-S-		7.6-	30-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.20
02-	66.4708-	158.9500-	2-	13-		0-405438-	08/24/76-	11-	15-	14.4-	-S-		8.7-	51-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.20
02-	66.4605-	158.9883-	2-	13-		0-405439-	08/24/76-	11-	15-	14.4-	-S-		9.2-	42-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.30
02-	66.4975-	158.9905-	2-	13-		0-405440-	08/24/76-	11-	15-	14.7-	-S-		8.4-	35-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.10
02-	66.4975-	158.9466-	2-	13-		0-405441-	08/24/76-	11-	15-	14.2-	-S-		8.0-	46-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.60
02-	66.5100-	158.9000-	2-	13-		0-405444-	08/24/76-	11-	16-	14.1-	-S-		8.2-	54-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.40
02-	66.4922-	158.8650-	2-	13-		0-405445-	08/24/76-	11-	16-	13.8-	-S-		7.8-	75-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.20
02-	66.4916-	158.8041-	2-	13-		0-405446-	08/24/76-	11-	16-	14.8-	-S-		7.9-	14-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.50
02-	66.5133-	158.7966-	2-	13-		0-405447-	08/24/76-	11-	16-	14.8-	-S-		8.2-	26-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.30
02-	66.5230-	158.7191-	2-	13-		0-405448-	08/24/76-	12-	16-	14.1-	-S-		7.6-	41-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.20
02-	66.4916-	158.7300-	2-	13-		0-405449-	08/24/76-	12-	16-	13.8-	-S-		7.8-	29-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.10
02-	66.4922-	158.6416-	2-	13-		0-405450-	08/24/76-	12-	16-	14.6-	-S-		7.9-	28-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.10
02-	66.5241-	158.6333-	2-	13-		0-405451-	08/24/76-	12-	16-	14.0-	-S-		8.0-	35-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.20
02-	66.5463-	158.6419-	2-	13-		0-405452-	08/24/76-	12-	16-	15.5-	C-	S-	7.7-	43-		-2-	7-	5-	6-	-3-	3-	-1-	4-	3-	2-	2-	-1-	-1-	-	-	-	-	3.10
02-	66.5530-	158.7241-	2-	13-		0-405453-	08/24/76-	12-	16-	14.9-	-S-		7.2-	50-		-2-	7-	5-	6-	-3-	3-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.10
02-	66.5586-	158.8125-	2-	13-		0-405454-	08/24/76-	12-	16-	14.6-	-S-		8.8-	55-		-2-	7-	5-	6-	-3-	1-	-1-	4-	3-	1-	2-	-1-	-1-	-	-	-	-	3.30

APPENDIX C (continued). Field Data and Uranium Concentrations for Sediment Samples

DOE SAMPLE NUMBER (STATE - LATITUDE - LONGITUDE - DOE LAB - SAMPLE TYPE - REPLICATE)	LASL SAMPLE LOCATION NUMBER AND FIELD DATA (LASL SAMPLE LOCATION NUMBER - TIME SAMPLED: DATE - HOUR - AIR TEMPERATURE - WATER TEMPERATURE - COMMENTS - SPECIAL MEASUREMENTS - pH - SPECIFIC CONDUCTANCE (µmho/cm) - SCINTILLOMETER (eU, ppm) - ROCK TYPE - ROCK COLOR - SEDIMENT TYPE - SEDIMENT COLOR - WATER FLOW - WATER LEVEL - WATER COLOR - STREAM CHANNEL - VEGETATION TYPE - VEGETATION DENSITY - RELIEF - WEATHER - OWNERSHIP - CONTAMINANTS - WELL TYPE - WELL DIAMETER (INCHES) - WELL DEPTH (FEET) - WATER DEPTH (FEET))	U CONCENTRATION: SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
02-66.5533-158.8558-2-13-	0-405455-08/24/76-12- 16-14.6- -S- 8.8- 66- -2-7-5-6- -3-1- -4-3-1-2- -1- - - - -	3.60
02-66.5488-158.9350-2-13-	0-405456-08/24/76-12- 16-14.5- -S- 8.6- 54- -2-7-5-6- -3-1- -4-3-1-2- -1- - - - -	3.50
02-66.5461-158.9894-2-13-	0-405457-08/24/76-12- 16-14.0- -S- 8.2- 95- -2-7-5-6- -3-1- -4-3-1-2- -1- - - - -	3.40
02-66.5755-158.9833-2-13-	0-405458-08/24/76-12- 16-14.8- -S- 8.3- 15- -2-7-5-6- -3-1- -4-3-1-2- -1- - - - -	2.80
02-66.5766-158.9500-2-13-	0-405459-08/24/76-12- 16-14.2- -S- 7.9- 21- -2-7-5-6- -3-1- -4-3-1-2- -1- - - - -	2.90
02-66.5761-158.8800-2-13-	0-405460-08/24/76-12- 16-13.8- -S- 8.2- 12- -2-7-5-6- -3-1- -4-3-1-2- -1- - - - -	3.20
02-66.5747-158.8000-2-13-	0-405461-08/24/76-12- 16-14.6- -S- 7.8- 37- -2-7-5-6- -3-1- -4-3-1-2- -1- - - - -	3.70
02-66.5722-158.7100-2-13-	0-405462-08/24/76-12- 16-14.2- -S- 7.2- 45- -2-7-5-6- -3-1- -4-3-1-2- -1- - - - -	4.40
02-66.6166-158.7166-2-13-	0-405465-08/24/76-12- 16-14.5- -S- 7.4- 20- -2-7-5-6- -3-1- -4-3-1-2- -1- - - - -	3.40
02-66.6011-158.7938-2-13-	0-405466-08/24/76-12- 16-14.7- -S- 7.3- 38- -2-7-5-6- -3-1- -4-3-2-2- -1- - - - -	2.90
02-66.6000-158.8733-2-13-	0-405467-08/24/76-12- 16-14.2- -S- 7.2- 55- -2-7-5-6- -3-1- -4-3-2-2- -1- - - - -	3.30
02-66.6041-158.9300-2-13-	0-405468-08/24/76-12- 16-14.0- -S- 7.5- 27- -2-7-5-6- -3-1- -4-3-2-2- -1- - - - -	2.70
02-66.6072-158.9833-2-13-	0-405469-08/24/76-12- 16-14.7- -S- 7.9- 29- -2-7-5-6- -3-1- -4-3-2-2- -1- - - - -	2.80
02-66.6416-158.9891-2-13-	0-405470-08/24/76-12- 16-14.0- -S- 8.0- 33- -2-7-5-6- -3-1- -4-3-2-2- -1- - - - -	2.70
02-66.6416-158.9333-2-12-	0-405471-08/24/76-13- 16-15.2- -S- 7.7- 154- -2-7-5-6-3-3-1-2-2-3-2-2- -1- - - - -	3.20
02-66.6422-158.8958-2-12-	0-405472-08/24/76-13- 16-14.9- -S- 7.4- 120- -2-7-5-6-3-3-1-2-2-3-2-2- -1- - - - -	3.10
02-66.6333-158.8000-2-13-	0-405473-08/24/76-13- 16-14.7- -S- 9.1- 22- -2-7-5-6- -3-1- -4-3-2-2- -1- - - - -	3.20
02-66.6391-158.7425-2-13-	0-405474-08/24/76-13- 16-14.2- -S- 8.6- 20- -2-7-5-6- -3-1- -4-3-2-2- -1- - - - -	3.20
02-66.6438-158.6658-2-13-	0-405475-08/24/76-13- 16-14.8- -S- 9.0- 25- -2-7-5-6- -3-1- -4-3-2-2- -1- - - - -	3.20
02-66.6552-158.6583-2-13-	0-405476-08/24/76-13- 16-14.3- -S- 8.2- 55- -2-7-5-6- -3-1- -4-3-2-2- -1- - - - -	3.80
02-66.6594-158.7250-2-13-	0-405477-08/24/76-13- 16-14.0- -S- 7.9- 46- -2-7-5-6- -3-1- -4-3-2-2- -1- - - - -	3.60
02-66.6700-158.7850-2-13-	0-405478-08/24/76-13- 16-13.9- -S- 8.6- 60- -2-7-5-6- -3-1- -4-3-2-2- -1- - - - -	3.40
02-66.6638-158.8708-2-13-	0-405479-08/24/76-13- 16-15.3- -S- 8.1- 33- -2-7-5-6- -3-1- -4-3-2-2- -1- - - - -	2.80
02-66.6555-158.9266-2-13-	0-405480-08/24/76-13- 18-15.4- -S- 9.3- 112- -2-7-5-6- -3-1- -4-3-2-2- -1- - - - -	2.70
02-66.6516-158.9855-2-13-	0-405481-08/24/76-13- 18-15.6- -S- 8.9- 98- -2-7-5-6- -3-1- -4-3-2-2- -1- - - - -	2.70
02-66.6888-158.9989-2-13-	0-405482-08/24/76-13- 18-15.2- -S- 9.2- 110- -2-7-5-6- -3-1- -4-3-2-2- -1- - - - -	3.40
02-66.6891-158.9541-2-13-	0-405483-08/24/76-13- 18-15.3- -S- 9.7- 85- -2-7-5-6- -3-1- -4-3-2-2- -1- - - - -	4.90
02-66.6977-158.8725-2-13-	0-405484-08/24/76-13- 18-15.0- -S- 9.6- 100- -2-7-5-6- -3-1- -4-3-2-2- -1- - - - -	3.00
02-66.7000-158.8016-2-13-	0-405485-08/24/76-13- 18-15.6- -S- 9.4- 76- -2-7-5-6- -3-1- -4-3-2-2- -1- - - - -	2.80
02-66.6966-158.7219-2-13-	0-405486-08/24/76-13- 18-14.3- -S- 9.0- 38- -2-7-5-6- -3-1- -4-3-2-2- -1- - - - -	3.20
02-66.7122-158.6558-2-13-	0-405488-08/24/76-13- 18-14.0- -S- 9.2- 32- -2-7-5-6- -3-1- -4-3-2-2- -1- - - - -	2.60
02-66.7166-158.7050-2-13-	0-405489-08/24/76-13- 18-15.2- -S- 8.2- 71- -2-7-5-6- -3-1- -4-3-3-2- -1- - - - -	3.10
02-66.7233-158.7888-2-13-	0-405490-08/24/76-13- 18-15.0- -S- 8.0- 65- -2-7-5-6- -3-1- -4-3-2-2- -1- - - - -	2.40
02-66.7752-158.0133-2-12-	0-405491-08/24/76-16- 22-13.8- - - 6.0- 62- -2-7-4-6-2-3-1-2-4-3-3-2- -1- - - - -	3.70
02-66.7700-158.0660-2-12-	0-405492-08/24/76-14- 22-14.2- - - 6.3- 70- -2-7-4-6-2-3-1-2-4-3-3-2- -1- - - - -	2.90
02-66.7680-158.1333-2-12-	0-405493-08/24/76-16- 22-13.7- - - 6.8- 66- -2-7-4-6-2-3-1-2-4-3-3-2- -1- - - - -	3.00
02-66.7800-158.2191-2-13-	0-405494-08/24/76-16- 22-13.9- -S- 8.0- 68- -2-7-5-6- -3-1- -4-3-3-2- -1- - - - -	2.70
02-66.7519-158.2109-2-13-	0-405495-08/24/76-16- 22-15.7- -S- 9.1- 55- -2-7-5-6- -3-1- -4-3-3-2- -1- - - - -	3.20
02-66.7452-158.1533-2-13-	0-405496-08/24/76-16- 21-15.2- -S- 9.0- 76- -2-7-5-6- -3-1- -4-3-3-2- -1- - - - -	1.50
02-66.7411-158.0160-2-13-	0-405498-08/24/76-16- 21-14.0- -S- 7.2- 36- -2-7-5-6- -3-1- -4-3-3-2- -1- - - - -	1.80
02-66.7261-158.0275-2-12-	0-405499-08/24/76-16- 20-14.2- - - 6.6- 60- -2-7-5-6-2-3-1-2-4-3-3-2- -1- - - - -	2.70
02-66.7166-158.0783-2-12-	0-405500-08/24/76-16- 21-13.6- - - 6.8- 75- -2-7-5-6-2-3-1-2-4-3-3-2- -1- - - - -	2.80
02-66.7266-158.1400-2-12-	0-405501-08/24/76-16- 21-12.8- - - 7.2- 68- -2-7-5-6-2-3-1-2-4-3-3-2- -1- - - - -	2.70
02-66.7227-158.1988-2-13-	0-405502-08/24/76-17- 21-16.7- -S- 7.7- 38- -2-7-5-6- -3-1- -4-3-3-2- -1- - - - -	4.40
02-66.7000-158.2322-2-13-	0-405503-08/24/76-17- 21-16.4- -S- 7.5- 44- -2-7-5-6- -3-1- -4-3-3-2- -1- - - - -	3.10
02-66.6933-158.1183-2-13-	0-405504-08/24/76-17- 21-16.8- -S- 7.6- 52- -2-7-5-6- -3-1- -4-3-3-2- -1- - - - -	3.50
02-66.6825-158.0958-2-13-	0-405505-08/24/76-17- 21-15.6- -S- 7.6- 23- -2-7-5-6- -3-1- -4-3-3-2- -1- - - - -	3.20
02-66.6919-158.0086-2-13-	0-405506-08/24/76-17- 21-15.0- -S- 7.8- 40- -2-7-5-6- -3-1- -4-3-3-2- -1- - - - -	3.20
02-66.6641-158.0208-2-12-	0-405507-08/24/76-17- 21-14.8- - - 7.6- 104- -2-7-4-6-3-3-1-2-4-3-3-2- -1- - - - -	3.00
02-66.6688-158.0638-2-12-	0-405508-08/24/76-17- 21-14.6- - - 7.2- 110- -2-7-4-6-3-3-1-2-4-3-3-2- -1- - - - -	3.20
02-66.6638-158.1475-2-12-	0-405509-08/24/76-17- 21-14.6- - - 7.8- 126- -2-7-4-6-3-3-1-2-4-3-3-2- -1- - - - -	2.90

APPENDIX C (continued). Field Data and Uranium Concentrations for Sediment Samples

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																							U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
02-66.6727-158.1950-2-13-						0-405510-08/24/76-17-	21-15.3-	-S-	8.3-	35-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	4.00
02-66.6388-158.2366-2-13-						0-405511-08/24/76-17-	21-15.6-	-S-	8.0-	26-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	3.10
02-66.6291-158.1391-2-13-						0-405512-08/24/76-17-	21-15.2-	-S-	8.1-	42-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	4.90
02-66.6375-158.0500-2-13-						0-405513-08/24/76-17-	21-15.8-	-S-	7.3-	19-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	3.00
02-66.6227-158.0000-2-13-						0-405514-08/24/76-17-	21-15.2-	-S-	7.2-	26-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	3.30
02-66.6116-158.0066-2-13-						0-405515-08/24/76-17-	21-15.6-	-S-	7.6-	28-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	3.20
02-66.5916-158.0933-2-13-						0-405516-08/24/76-17-	21-15.2-	-S-	10.7-	61-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	3.90
02-66.6133-158.1200-2-13-						0-405517-08/24/76-17-	21-15.8-	-S-	10.1-	82-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	1.90
02-66.6025-158.1826-2-13-						0-405518-08/24/76-17-	21-14.8-	-S-	8.8-	76-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	1.80
02-66.5822-158.1918-2-13-						0-405519-08/24/76-17-	21-15.7-	-S-	8.6-	76-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	3.40
02-66.5833-158.1333-2-13-						0-405520-08/24/76-17-	21-15.0-	-S-	8.0-	47-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	2.60
02-66.5666-158.1000-2-13-						0-405521-08/24/76-17-	21-15.6-	-S-	8.2-	56-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	3.50
02-66.5752-158.0108-2-13-						0-405522-08/24/76-17-	21-	-	-	-	-2-7-4-6-	-	-4-3-3-2-	-1-	-	-	-	-	2.90
02-66.5508-158.0200-2-12-						0-405523-08/24/76-17-	21-13.6-	-	6.0-	40-	-2-7-5-6-2-3-1-2-4-3-3-2-	-1-	-	-	-	2.30
02-66.5600-158.0561-2-12-						0-405524-08/24/76-17-	21-13.6-	-	6.8-	28-	-2-7-5-6-2-3-1-2-4-3-3-2-	-1-	-	-	-	2.90
02-66.5563-158.1653-2-13-						0-405525-08/24/76-17-	21-14.6-	-S-	6.8-	15-	-2-7-5-6-	-3-1-	-6-3-3-2-	-1-	-	-	-	-	3.20
02-66.5616-158.2168-2-13-						0-405526-08/24/76-17-	21-14.8-	-S-	6.9-	26-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	3.00
02-66.5291-158.2266-2-13-						0-405527-08/24/76-17-	21-15.0-	-S-	7.2-	26-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	3.50
02-66.5308-158.1616-2-12-						0-405528-08/24/76-18-	21-13.8-	-	4.2-	28-	-2-7-5-6-2-3-1-2-4-3-3-2-	-1-	-	-	-	4.40
02-66.5200-158.0666-2-12-						0-405529-08/24/76-18-	21-12.6-	-	7.6-	25-	-2-7-4-6-2-3-1-2-4-3-3-2-	-1-	-	-	-	3.70
02-66.5111-158.0083-2-12-						0-405530-08/24/76-18-	21-13.6-	-	5.0-	20-	-2-7-4-6-3-3-1-2-4-3-3-2-	-1-	-	-	-	4.00
02-66.4927-158.0183-2-13-						0-405531-08/24/76-18-	21-15.8-	-S-	7.5-	26-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	5.00
02-66.4819-158.0583-2-13-						0-405532-08/24/76-18-	21-15.6-	-S-	7.0-	30-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	2.80
02-66.4808-158.1502-2-13-						0-405533-08/24/76-18-	21-15.6-	-S-	7.6-	33-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	3.30
02-66.4800-158.2000-2-13-						0-405534-08/24/76-18-	21-15.9-	-S-	7.7-	32-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	3.10
02-66.4666-158.2166-2-13-						0-405535-08/24/76-18-	21-15.8-	-S-	7.2-	46-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	3.10
02-66.4608-158.1500-2-13-						0-405536-08/24/76-18-	21-15.6-	-S-	7.6-	59-	-2-7-4-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	3.40
02-66.4533-158.0766-2-13-						0-405537-08/24/76-18-	21-16.1-	-S-	7.7-	68-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	3.30
02-66.4558-158.0250-2-13-						0-405538-08/24/76-18-	21-16.3-	-S-	7.0-	52-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	3.30
02-66.4427-158.0233-2-13-						0-405539-08/24/76-18-	21-16.0-	-S-	7.5-	60-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	3.10
02-66.4441-158.0883-2-13-						0-405540-08/24/76-18-	21-15.0-	-S-	7.7-	30-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	4.20
02-66.4425-158.1400-2-13-						0-405541-08/24/76-18-	21-14.9-	-S-	7.2-	44-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	2.90
02-66.4388-158.2180-2-13-						0-405542-08/24/76-18-	21-15.4-	-S-	7.4-	38-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	2.90
02-66.4066-158.2416-2-13-						0-405543-08/24/76-18-	21-15.4-	-S-	7.4-	30-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	2.80
02-66.4100-158.1450-2-13-						0-405544-08/24/76-18-	21-15.6-	-S-	7.0-	28-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	3.70
02-66.3944-158.1033-2-13-						0-405545-08/24/76-18-	21-15.0-	-S-	7.2-	38-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	3.20
02-66.4000-158.0300-2-13-						0-405546-08/24/76-18-	21-14.0-	-S-	7.0-	20-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	3.00
02-66.3700-158.0266-2-13-						0-405547-08/24/76-18-	21-	-	-	-	-2-7-5-6-	-	-4-3-3-2-	-1-	-	-	-	-	3.50
02-66.3833-158.0766-2-13-						0-405548-08/24/76-18-	20-15.0-	-S-	7.3-	59-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	3.60
02-66.3683-158.1666-2-13-						0-405549-08/24/76-18-	20-15.2-	-S-	7.0-	48-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	2.60
02-66.3802-158.2000-2-13-						0-405550-08/24/76-18-	21-15.6-	-S-	7.4-	52-	-2-7-5-6-	-3-1-	-4-3-3-2-	-1-	-	-	-	-	3.10
02-66.3722-158.3000-2-13-						0-405551-08/24/76-18-	20-15.2-	-S-	7.7-	103-	-2-7-5-6-	-3-1-	-4-3-1-2-	-1-	-	-	-	-	3.50
02-66.4058-158.3166-2-13-						0-405552-08/24/76-18-	20-15.9-	-S-	7.6-	98-	-2-7-5-6-	-3-1-	-4-3-1-2-	-1-	-	-	-	-	2.
02-66.4058-158.3533-2-13-						0-405553-08/24/76-18-	20-15.6-	-S-	7.4-	101-	-2-7-5-6-	-3-1-	-4-3-1-2-	-1-	-	-	-	-	3.30
02-66.3727-158.3833-2-13-						0-405554-08/24/76-19-	20-14.9-	-S-	7.1-	20-	-2-7-5-6-	-3-1-	-4-3-1-2-	-1-	-	-	-	-	3.40
02-66.3733-158.4655-2-13-						0-405555-08/24/76-19-	20-15.0-	-S-	7.0-	18-	-2-7-5-6-	-3-1-	-4-3-1-2-	-1-	-	-	-	-	2.00
02-66.4000-158.4500-2-13-						0-405556-08/24/76-19-	20-15.6-	-S-	7.4-	26-	-2-7-5-6-	-3-1-	-4-3-1-2-	-1-	-	-	-	-	3.40
02-66.4044-158.5000-2-13-						0-405557-08/24/76-19-	20-15.4-	-S-	7.3-	35-	-2-7-5-6-	-3-1-	-4-3-1-2-	-1-	-	-	-	-	3.00
02-66.3866-158.5366-2-13-						0-405558-08/24/76-19-	20-15.8-	-S-	7.0-	46-	-2-7-5-6-	-3-1-	-4-3-1-2-	-1-	-	-	-	-	3.10
02-66.3816-158.5833-2-13-						0-405559-08/24/76-19-	20-15.2-	-S-	7.6-	47-	-2-7-5-6-	-3-1-	-4-3-1-2-	-1-	-	-	-	-	3.70
02-66.4066-158.5883-2-13-						0-405560-08/24/76-19-	20-14.9-	-S-	6.8-	22-	-2-7-5-6-	-3-1-	-4-3-1-2-	-1-	-	-	-	-	3.10

APPENDIX C (continued). Field Data and Uranium Concentrations for Sediment Samples

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umhos/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
02-66.6822-160.3333-2-12-						0-405561-08/25/76-	9-	13-12.4-	- -	8.2-	156-																					3.50
02-66.6816-160.2466-2-12-						0-405562-08/25/76-	9-	12-12.1-	- -	7.8-	131-																					2.60
02-66.6850-160.1500-2-12-						0-405563-08/25/76-	9-	13-12.3-	- -	8.1-	114-																					1.90
02-66.7066-160.1366-2-12-						0-405564-08/25/76-	9-	13-12.8-	- -	7.6-	123-																					1.90
02-66.7088-159.9819-2-13-						0-405565-08/25/76-	9-	14-14.3-	-S-	8.0-	13-																					2.90
02-66.7208-159.9625-2-13-						0-405566-08/25/76-	9-	13-14.5-	-S-	7.6-	23-																					3.20
02-66.5900-159.9366-2-13-						0-405567-08/25/76-	9-	14-14.8-	-S-	7.5-	26-																					3.20
02-66.6777-159.2600-2-13-						0-405568-08/25/76-	9-	16-14.7-	-S-	7.7-	40-																					3.40
02-66.7166-159.2383-2-13-						0-405569-08/25/76-	9-	16-15.2-	-S-	7.8-	33-																					2.70
02-66.7136-159.1333-2-13-						0-405570-08/25/76-10-		17-15.4-	-S-	7.8-	29-																					3.40
02-66.6866-159.0533-2-13-						0-405572-08/25/76-10-		18-15.0-	-S-	7.9-	48-																					3.20
02-66.7297-158.9366-2-13-						0-405574-08/25/76-10-		18-15.1-	-S-	6.7-	14-																					3.90
02-66.7500-158.9400-2-13-						0-405575-08/25/76-10-		17-14.9-	-S-	6.5-	14-																					3.30
02-66.7802-158.9458-2-13-						0-405576-08/25/76-10-		17-15.0-	-S-	6.9-	30-																					3.40
02-66.8166-158.9358-2-13-						0-405577-08/25/76-10-		17-15.0-	-S-	7.5-	49-																					2.90
02-66.8275-158.8958-2-13-						0-405578-08/25/76-10-		17-15.2-	-S-	7.8-	41-																					1.40
02-66.8097-158.8875-2-12-						0-405579-08/25/76-10-		17-12.6-	- -	8.0-	110-																					2.90
02-66.7888-158.8980-2-12-						0-405580-08/25/76-10-		17-13.7-	- -	7.9-	68-																					2.90
02-66.8038-158.7950-2-13-						0-405581-08/25/76-10-		17-14.9-	-S-	6.9-	5-																					2.80
02-66.7902-158.8027-2-13-						0-405582-08/25/76-10-		17-15.1-	-S-	6.7-	14-																					3.40
02-66.7972-158.7041-2-12-						0-405583-08/25/76-10-		17-13.3-	- -	7.5-	48-																					2.70
02-66.8077-158.6566-2-12-						0-405584-08/25/76-10-		17-14.1-	- -	6.9-	73-																					3.40
02-66.8138-158.6033-2-12-						0-405585-08/25/76-10-		17-13.7-	- -	8.2-	67-																					3.60
02-66.8361-158.6433-2-12-						0-405586-08/25/76-10-		17-13.3-	- -	8.8-	43-																					3.50
02-66.7805-158.7158-2-12-						0-405587-08/25/76-10-		17-12.6-	- -	8.1-	35-																					3.60
02-66.7505-158.7200-2-12-						0-405588-08/25/76-10-		17-13.5-	- -	7.3-	59-																					3.90
02-66.7527-158.7805-2-13-						0-405589-08/25/76-11-		17-15.8-	-S-	7.5-	17-																					1.90
02-66.7569-158.9000-2-13-						0-405590-08/25/76-11-		17-15.0-	-S-	7.2-	28-																					3.50
02-66.7205-158.8733-2-13-						0-405591-08/25/76-11-		17-15.0-	-S-	7.3-	42-																					3.30
02-66.7266-158.5783-2-13-						0-405592-08/25/76-11-		17-16.0-	-S-	7.5-	35-																					3.20
02-66.7258-158.5125-2-13-						0-405593-08/25/76-11-		17-15.6-	-S-	7.7-	54-																					4.60
02-66.7222-158.4425-2-13-						0-405594-08/25/76-11-		17-15.9-	-S-	7.6-	11-																					1.30
02-66.7155-158.3533-2-12-						0-405595-08/25/76-11-		17-14.2-	- -	8.5-	61-																					3.80
02-66.7200-158.2894-2-12-						0-405596-08/25/76-11-		18-13.3-	- -	7.8-	71-																					4.40
02-66.7433-158.1000-2-13-						0-405597-08/25/76-11-		18-16.4-	-S-	7.6-	38-																					2.00
02-66.7775-158.0050-2-13-						0-405598-08/25/76-11-		18-16.0-	-S-	8.1-	60-																					1.50
02-66.7808-158.0455-2-13-						0-405599-08/25/76-11-		18-15.4-	-S-	8.4-	44-																					3.10
02-66.7566-158.0533-2-13-						0-405600-08/25/76-11-		18-15.8-	-S-	8.4-	51-																					3.40
02-66.7597-158.4444-2-13-						0-406001-08/25/76-11-		18-15.6-	-S-	8.2-	49-																					2.90
02-66.7808-158.4488-2-13-						0-406002-08/25/76-11-		18-15.5-	-S-	8.2-	25-																					2.80
02-66.7733-158.5133-2-13-						0-406003-08/25/76-11-		18-16.2-	-S-	9.9-	44-																					3.30
02-66.7516-158.5083-2-13-						0-406004-08/25/76-11-		18-16.1-	-S-	9.3-	24-																					2.50
02-66.7500-158.5833-2-13-						0-406005-08/25/76-11-		18-15.6-	-S-	8.4-	22-																					3.10
02-66.7800-158.5800-2-13-						0-406006-08/25/76-11-		18-15.4-	-S-	9.1-	63-																					2.10
02-66.7816-158.6561-2-13-						0-406007-08/25/76-11-		18-15.6-	-S-	8.9-	21-																					1.50
02-66.7533-158.6500-2-13-						0-406008-08/25/76-11-		18-15.9-	-S-	7.3-	9-																					2.90
02-66.8058-158.4961-2-13-						0-406009-08/25/76-12-		18-16.0-	-S-	7.2-	46-																					3.80
02-66.8400-158.5016-2-13-						0-406010-08/25/76-12-		18-15.4-	-S-	7.6-	2-																					4.30
02-66.8688-158.4438-2-13-						0-406011-08/25/76-12-		18-15.2-	-S-	7.0-	11-																					4.20
02-66.8358-158.4416-2-13-						0-406012-08/25/76-12-		18-15.4-	-S-	7.1-	51-																					3.60
02-66.8133-158.4433-2-13-						0-406013-08/25/76-12-		18-17.4-	-S-	7.9-	49-																					4.00

APPENDIX C (continued). Field Data and Uranium Concentrations for Sediment Samples

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																									U CONCENTRATION
							TIME SAMPLED																								
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	DATE	HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (μmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
02-	66.7966-	158.3625-	2-	13-	0-	406014-	08/25/76-	12-	18-	15.9-	-S-	8.1-	90-	-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	3.50
02-	66.8108-	158.2988-	2-	13-	0-	406015-	08/25/76-	15-	18-	17.8-	-S-	10.0-	93-	-2-	7-	4-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	2.90
02-	66.8433-	158.2866-	2-	13-	0-	406016-	08/25/76-	15-	18-	15.6-	-S-	9.3-	112-	-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	3.50
02-	66.6936-	158.2833-	2-	13-	0-	406017-	08/25/76-	15-	18-	18.3-	-S-	9.2-	32-	-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	2.30
02-	66.6666-	158.3061-	2-	13-	0-	406018-	08/25/76-	15-	16-	16.7-	-S-	8.3-	38-	-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	2.60
02-	66.6705-	158.3466-	2-	13-	0-	406019-	08/25/76-	15-	18-	17.1-	-S-	8.2-	37-	-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	3.10
02-	66.6916-	158.3691-	2-	13-	0-	406020-	08/25/76-	15-	18-	16.4-	-S-	7.8-	27-	-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	3.40
02-	66.6966-	158.4500-	2-	13-	0-	406021-	08/25/76-	15-	18-	16.1-	-S-	7.9-	32-	-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	1-	-1-	-	-	-	-	3.00
02-	66.6727-	158.4441-	2-	13-	0-	406022-	08/25/76-	15-	18-	16.4-	-S-	7.3-	8-	-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	2-	-1-	-	-	-	-	4.00
02-	66.6752-	158.4933-	2-	13-	0-	406023-	08/25/76-	15-	18-	16.0-	-S-	7.4-	82-	-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	2-	-1-	-	-	-	-	3.30
02-	66.6900-	158.5191-	2-	13-	0-	406024-	08/25/76-	15-	18-	16.6-	-S-	8.0-	30-	-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	2-	-1-	-	-	-	-	3.40
02-	66.6933-	158.5660-	2-	13-	0-	406025-	08/25/76-	15-	17-	16.1-	-S-	7.7-	47-	-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	2-	-1-	-	-	-	-	3.10
02-	66.6666-	158.5772-	2-	13-	0-	406026-	08/25/76-	15-	18-	17.2-	-S-	7.6-	69-	-2-	7-	6-	6-	-3-	1-	-1-	2-	1-	2-	-1-	-	-	-	-	3.50
02-	66.3533-	158.9283-	2-	13-	0-	406028-	08/26/76-	6-	10-	14.8-	-S-	8.2-	24-	-2-	7-	5-	6-	-3-	1-	-1-	2-	1-	2-	-1-	-	-	-	-	3.20
02-	66.2861-	159.0125-	2-	13-	0-	406030-	08/26/76-	9-	10-	14.5-	-S-	7.0-	26-	-2-	7-	5-	7-	-3-	1-	-1-	4-	4-	2-	2-	-1-	-	-	-	-	3.00
02-	66.2736-	159.0111-	2-	13-	0-	406031-	08/26/76-	6-	10-	13.5-	-S-	10.7-	103-	-2-	7-	6-	7-	-3-	1-	-1-	4-	4-	2-	2-	-1-	-	-	-	-	3.50
02-	66.2900-	158.9433-	2-	13-	0-	406032-	08/26/76-	6-	10-	14.0-	-S-	9.6-	127-	-2-	7-	5-	8-	-3-	1-	-1-	4-	4-	2-	2-	-1-	-	-	-	-	3.10
02-	66.2677-	158.9300-	2-	13-	0-	406033-	08/26/76-	6-	10-	13.9-	-S-	9.1-	44-	-2-	7-	6-	8-	-3-	1-	-1-	4-	4-	2-	2-	-1-	-	-	-	-	3.20
02-	66.2444-	159.0638-	2-	13-	0-	406034-	08/26/76-	9-	10-	14.1-	-S-	8.6-	62-	-2-	7-	5-	6-	-3-	1-	-1-	4-	4-	2-	2-	-1-	-	-	-	-	3.30
02-	66.1875-	159.0041-	2-	13-	0-	406035-	08/26/76-	6-	10-	13.8-	-S-	8.2-	55-	-2-	7-	5-	7-	-3-	1-	-1-	4-	4-	2-	2-	-1-	-	-	-	-	3.10
02-	66.2300-	158.9605-	2-	13-	0-	406036-	08/26/76-	7-	10-	13.9-	-S-	7.8-	43-	-2-	7-	6-	7-	-3-	1-	-1-	4-	4-	2-	2-	-1-	-	-	-	-	3.20
02-	66.2088-	158.9408-	2-	13-	0-	406037-	08/26/76-	7-	10-	14.1-	-S-	8.3-	48-	-2-	7-	6-	8-	-3-	1-	-1-	4-	4-	2-	2-	-1-	-	-	-	-	3.20
02-	66.2083-	159.0591-	2-	13-	0-	406038-	08/26/76-	7-	10-	14.2-	-S-	8.2-	66-	-2-	7-	5-	8-	-3-	1-	-1-	4-	4-	2-	2-	-1-	-	-	-	-	3.20
02-	66.1652-	159.0491-	2-	13-	0-	406039-	08/26/76-	7-	10-	12.3-	-S-	10.1-	124-	-2-	7-	5-	6-	-3-	1-	-1-	4-	4-	2-	2-	-1-	-	-	-	-	3.10
02-	66.1800-	158.9391-	2-	13-	0-	406040-	08/22/76-	7-	11-	12.6-	-S-	9.8-	97-	-2-	7-	5-	7-	-3-	1-	-1-	4-	4-	2-	2-	-1-	-	-	-	-	3.20
02-	66.1461-	158.9666-	2-	13-	0-	406041-	08/26/76-	7-	8-	14.2-	-S-	9.0-	49-	-2-	7-	6-	8-	-3-	1-	-1-	4-	4-	2-	2-	-1-	-	-	-	-	4.50
02-	66.1402-	159.0021-	2-	13-	0-	406042-	08/22/76-	7-	9-	14.0-	-S-	8.7-	61-	-2-	7-	5-	8-	-3-	1-	-1-	4-	4-	2-	2-	-1-	-	-	-	-	3.10
02-	66.1166-	159.0069-	2-	13-	0-	406043-	08/26/76-	7-	9-	10.8-	-S-	8.7-	72-	-2-	7-	5-	6-	-3-	1-	-1-	4-	4-	2-	2-	-1-	-	-	-	-	3.10
02-	66.1183-	158.9533-	2-	13-	0-	406044-	08/22/76-	7-	8-	10.9-	-S-	8.4-	107-	-2-	7-	6-	6-	-3-	1-	-1-	4-	4-	2-	2-	-1-	-	-	-	-	3.50
02-	66.0950-	158.9461-	2-	12-	0-	406045-	08/26/76-	7-	8-	9.5-	-S-	8.3-	138-	-2-	7-	3-	6-	3-	2-	1-	1-	3-	3-	3-	2-	-1-	-	-	-	-	2.80
02-	66.1366-	159.0433-	2-	12-	0-	406046-	08/26/76-	7-	8-	9.0-	-S-	7.2-	114-	-2-	7-	5-	6-	3-	2-	1-	1-	3-	3-	3-	2-	-1-	-	-	-	-	2.80
02-	66.0916-	159.0133-	2-	12-	0-	406047-	08/26/76-	7-	8-	8.7-	-S-	8.3-	46-	-2-	7-	3-	6-	3-	2-	1-	1-	3-	3-	3-	2-	-1-	-	-	-	-	2.70
02-	66.0441-	158.9250-	2-	12-	0-	406048-	08/26/76-	7-	8-	9.4-	-	-	8.1-	112-	-2-	7-	3-	6-	3-	2-	1-	1-	3-	3-	3-	2-	-1-	-	-	-	-	2.70
02-	66.0283-	158.9408-	2-	12-	0-	406049-	08/26/76-	7-	9-	9.5-	-S-	7.4-	67-	-2-	7-	3-	6-	3-	2-	1-	1-	3-	3-	3-	2-	-1-	-	-	-	-	2.80
02-	66.0416-	159.0263-	2-	12-	0-	406050-	08/26/76-	7-	8-	8.9-	-S-	8.4-	44-	-2-	7-	3-	6-	3-	2-	1-	1-	3-	3-	3-	2-	-1-	-	-	-	-	2.80
02-	66.0333-	159.0500-	2-	12-	0-	406051-	08/26/76-	7-	9-	9.4-	-S-	8.4-	84-	-2-	7-	5-	6-	3-	2-	1-	1-	3-	3-	3-	2-	-1-	-	-	-	-	2.70
02-	66.0058-	158.9594-	2-	12-	0-	406052-	08/26/76-	7-	8-	9.2-	-S-	7.7-	92-	-2-	7-	5-	6-	3-	2-	1-	1-	3-	3-	3-	2-	-1-	-	-	-	-	2.80
02-	66.0316-	158.8833-	2-	12-	0-	406053-	08/26/76-	7-	8-	9.4-	-S-	8.4-	104-	-2-	7-	3-	6-	3-	2-	1-	1-	3-	3-	3-	2-	-1-	-	-	-	-	2.80
02-	66.0055-	158.8527-	2-	13-	0-	406054-	08/26/76-	7-	11-	-	-	-	-	-	-2-	7-	3-	6-	-	-	-	-	4-	4-	4-	2-	-1-	-	-	-	-	3.10
02-	66.0091-	158.7950-	2-	13-	0-	406055-	08/26/76-	7-	11-	-	-	-	-	-	-2-	7-	3-	6-	-	-	-	-	4-	4-	4-	2-	-1-	-	-	-	-	1.60
02-	66.0252-	158.7900-	2-	13-	0-	406056-	08/26/76-	7-	11-	-	-	-	-	-	-2-	7-	3-	6-	-	-	-	-	4-	4-	4-	2-	-1-	-	-	-	-	1.70
02-	66.0250-	158.7366-	2-	12-	0-	406057-	08/26/76-	7-	9-	9.4-	-	-	6.4-	44-	-2-	7-	6-	6-	2-	2-	1-	1-	3-	3-	4-	2-	-1-	-	-	-	-	2.80
02-	66.0147-	158.7291-	2-	12-	0-	406058-	08/26/76-	7-	10-	10.4-	-	-	6.3-	22-	-2-	7-	5-	6-	2-	2-	1-	1-	3-	3-	4-	2-	-1-	-	-	-	-	2.50
02-	66.0033-	158.6766-	2-	12-	0-	406059-	08/26/76-	7-	10-	-	-	-	-	-	-2-	7-	3-	6-	-	-	-	-	1-	3-	2-	4-	2-	-1-	-	-	-	-	0.80
02-	66.0300-	158.8550-	2-	12-	0-	406060-	08/26/76-	7-	8-	6.2-	-S-	8.6-	83-	-2-	7-	3-	6-	3-	2-	1-	1-	2-	3-	4-	2-	-1-	-	-	-	-	1.50
02-	66.0266-	158.8791-	2-	12-	0-	406061-	08/26/76-	7-	9-	7.1-	-	-	8.3-	107-	-2-	7-	3-	6-	3-	2-	1-	1-	1-	3-	4-	2-	-1-	-	-	-	-	1.50
02-	66.0052-	158.8783-	2-	12-	0-	406062-	08/26/76-	8-	9-	7.1-	-	-	7.9-	88-	3-	2-	[illegible]	5-	6-	3-	2-	1-	i-	1-	3-	4-	2-	-1-	-	-	-	-	1.70
02-	66.0094-	158.8261-	2-	12-	0-	406063-	08/26/76-	8-	10-	7.2-	-	-	7.2-	102-	6-	7-	[illegible]	6-	3-	2-	1-	1-	1-	3-	4-	2-	-1-	-	-	-	-	1.50
02-	66.0358-	158.8058-	2-	12-	0-	406064-	08/26/76-	8-	9-	6.9-	-	-	8.3-	69-	[illegible]	7-	[illegible]	6-	3-	2-	1-	1-	1-	3-	4-	2-	-1-	-	-	-	-	1.70
02-	66.0483-	158.8333-	2-	12-	0-	406065-	08/26/76-	8-	9-	6.8-	-	-	8.1-	101-	6-	2-	7-	3-	6-	3-	2-	1-	1-	1-	3-	4-	2-	-1-	-	-	-	-	1.70
02-	66.0533-	158.4466-	2-	12-	0-	406066-	08/26/76-	8-	9-	6.9-	-	-	8.3-	43-	-2-	7-	3-	6-	3-	2-	1-	1-	1-	4-	4-	2-	-1-	-	-	-	-	1.50

APPENDIX C (continued). Field Data and Uranium Concentrations for Sediment Samples

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (μmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
02-66.0336-158.4400-2-12-						0-406067-08/26/76-	8-	9-	7.2-	-	-	8.2-	67-	9-2-7-3-6-3-2-1-1-3-4-4-2-	-1-	-	-	-	-	-	-	-								2.50
02-66.0141-158.4583-2-12-						0-406068-08/26/76-	8-	9-	6.9-	-	-	7.9-	44-	-2-7-3-6-3-2-1-1-3-4-4-2-	-1-	-	-	-	-	-	-	-								1.50
02-66.0250-158.3833-2-12-						0-406069-08/26/76-	8-	10-	6.2-	-	-	8.2-	102-	8-2-7-5-6-3-2-1-1-1-4-4-2-	-1-	-	-	-	-	-	-	-								1.50
02-66.0027-158.3527-2-12-						0-406070-08/26/76-	8-	11-	5.2-	-S-	8.6-	149-	4-2-7-3-6-3-2-1-1-3-3-4-2-	-1-	-	-	-	-	-	-	-								1.20
02-66.0141-158.3166-2-13-						0-406071-08/26/76-	8-	11-	-	-	-	-	-	4-2-7-4-6- - - -1-2-3-4-2-	-1-	-	-	-	-	-	-	-								1.20
02-66.0225-158.4800-2-12-						0-406072-08/26/76-	8-	11-	10.5-	-	-	7.8-	91-	4-2-7-3-6-3-2-1-1-2-3-4-2-	-1-	-	-	-	-	-	-	-								2.50
02-66.0338-158.2533-2-12-						0-406073-08/26/76-	8-	12-	10.7-	-	-	7.6-	112-	8-2-7-3-6-3-2-1-1-4-4-4-2-	-1-	-	-	-	-	-	-	-								2.80
02-66.0500-158.2200-2-12-						0-406074-08/26/76-	8-	12-	11.0-	-	-	7.4-	104-	2-2-7-5-6-3-2-1-1-4-4-4-2-	-1-	-	-	-	-	-	-	-								1.60
02-66.0522-158.1791-2-12-						0-406075-08/26/76-	8-	12-	10.5-	-	-	7.4-	99-	10-2-7-5-6-3-2-1-1-2-3-4-2-	-6-	-	-	-	-	-	-	-								2.40
02-66.0400-158.1411-2-12-						0-406076-08/26/76-	8-	12-	10.7-	-	-	7.0-	42-	8-2-7-5-6-3-2-1-1-2-3-4-2-	-1-	-	-	-	-	-	-	-								2.50
02-66.0252-158.1100-2-12-						0-406077-08/26/76-	8-	12-	13.2-	-	-	7.8-	87-	2-2-7-5-6-3-2-1-1-2-3-4-2-	-6-	-	-	-	-	-	-	-								2.30
02-66.0150-158.1133-2-12-						0-406078-08/26/76-	8-	12-	11.1-	-	-	7.3-	111-	15-2-7-3-6-3-2-1-1-4-4-3-2-	-1-	-	-	-	-	-	-	-								3.50
02-66.0075-158.0333-2-13-						0-406079-08/26/76-	8-	14-	14.1-	-S-	6.9-	7-	-2-7-5-8- -3-1- -2-2-3-2-	-1-	-	-	-	-	-	-	-								2.30
02-66.0311-158.0322-2-13-						0-406080-08/26/76-	8-	14-	14.4-	-S-	6.7-	14-	-2-7-6-7- -3-1- -1-2-3-2-	-1-	-	-	-	-	-	-	-								3.10
02-66.0022-158.1700-2-13-						0-406081-08/26/76-	8-	14-	13.9-	-S-	7.0-	12-	-2-7-5-6- -2-1- -4-4-3-2-	-1-	-	-	-	-	-	-	-								3.10
02-66.0058-158.2233-2-13-						0-406082-08/26/76-	8-	14-	14.3-	-S-	6.6-	20-	-2-7-5-7- -3-1- -2-3-3-2-	-1-	-	-	-	-	-	-	-								3.50
02-66.3366-158.8566-2-13-						0-406083-08/26/76-10-	14-	14-	2.2-	-S-	7.8-	63-	-2-7-6-8- -3-1- -4-4-2-2-	-1-	-	-	-	-	-	-	-								3.90
02-66.3422-158.7791-2-13-						0-406084-08/26/76-10-	14-	14-	2.2-	-S-	7.4-	77-	-2-7-5-8- -3-1- -4-4-2-2-	-1-	-	-	-	-	-	-	-								3.00
02-66.3183-158.8058-2-13-						0-406085-08/26/76-10-	13-	14-	3.3-	-S-	7.7-	73-	-2-7-5-7- -3-1- -4-4-2-2-	-1-	-	-	-	-	-	-	-								3.90
02-66.3086-158.8605-2-13-						0-406086-08/26/76-11-	14-	14-	2.2-	-S-	7.3-	107-	-2-7-5-7- -3-1- -2-2-2-2-	-1-	-	-	-	-	-	-	-								2.90
02-66.2958-158.8500-2-13-						0-406087-08/26/76-11-	13-	14-	8.8-	-S-	7.9-	106-	-2-7-5-6- -3-3- -3-3-2-2-	-1-	-	-	-	-	-	-	-								3.20
02-66.2833-158.8141-2-13-						0-406088-08/26/76-11-	13-	14-	6.6-	-S-	8.1-	87-	-2-7-6-6- -3-3- -3-3-2-2-	-1-	-	-	-	-	-	-	-								2.80
02-66.2722-158.7819-2-12-						0-406089-08/26/76-11-	14-	12-	0.0-	-	-	6.3-	61-	4-2-7-3-6-3-2-1-1-3-3-3-2-	-1-	-	-	-	-	-	-	-								3.50
02-66.2377-158.7736-2-12-						0-406090-08/26/76-11-	14-	12-	4.4-	-	-	6.8-	114-	15-2-7-3-6-3-2-1-1-3-3-3-2-	-1-	-	-	-	-	-	-	-								4.00
02-66.2500-158.8700-2-13-						0-406091-08/26/76-11-	14-	-	-	-	-	-	-	4-2-7-5-6- - - -1-3-3-2-2-	-1-	-	-	-	-	-	-	-								1.90
02-66.2230-158.8800-2-13-						0-406092-08/26/76-11-	13-	14-	5.5-	-S-	9.8-	294-	-2-7-5-8- -3-1- -2-2-2-2-	-1-	-	-	-	-	-	-	-								3.20
02-66.1936-158.8800-2-13-						0-406093-08/26/76-11-	13-	14-	0.0-	-S-	8.9-	197-	-2-7-6-8- -3-1- -4-4-2-2-	-1-	-	-	-	-	-	-	-								3.10
02-66.1924-158.8066-2-12-						0-406094-08/26/76-11-	13-	10-	0.4-	-	-	6.9-	114-	4-2-7-5-6-3-2-1-1-1-3-3-2-	-1-	-	-	-	-	-	-	-								4.20
02-66.1800-158.8666-2-12-						0-406095-08/26/76-11-	14-	10-	3.3-	-	-	6.4-	76-	2-2-7-3-6-3-2-1-1-1-3-2-2-	-1-	-	-	-	-	-	-	-								4.00
02-66.1711-158.8058-2-12-						0-406096-08/26/76-11-	13-	9-	9.9-	-	-	6.7-	24-	4-2-7-7-3-6-2-2-1-1-4-4-2-2-	-1-	-	-	-	-	-	-	-								2.70
02-66.1722-158.7444-2-12-						0-406097-08/26/76-11-	14-	12-	2.2-	-	-	7.4-	102-	10-2-7-3-6-3-2-1-1-3-3-3-2-	-1-	-	-	-	-	-	-	-								2.50
02-66.1400-158.7410-2-12-						0-406098-08/26/76-11-	13-	12-	2.2-	-	-	7.7-	90-	15-2-7-5-6-3-2-1-1-2-2-2-2-	-1-	-	-	-	-	-	-	-								4.00
02-66.1427-158.7991-2-12-						0-406099-08/26/76-11-	14-	11-	7.7-	-	-	8.1-	97-	4-2-7-5-6-2-3-1-1-3-3-3-2-	-1-	-	-	-	-	-	-	-								2.60
02-66.1458-158.8675-2-12-						0-406100-08/26/76-11-	14-	14-	2.2-	-	-	6.9-	24-	4-2-7-5-8-1-3-3-1-3-3-2-2-	-1-	-	-	-	-	-	-	-								2.60
02-66.1283-158.8666-2-12-						0-406101-08/26/76-11-	14-	14-	4.4-	-	-	6.5-	47-	4-2-7-6-6-1-3-3-1-3-3-2-2-	-1-	-	-	-	-	-	-	-								2.30
02-66.1116-158.7919-2-12-						0-406102-08/26/76-11-	14-	12-	9.9-	-	-	7.4-	27-	15-2-7-3-6-3-2-1-1-3-3-2-2-	-1-	-	-	-	-	-	-	-								1.80
02-66.0838-158.8191-2-12-						0-406103-08/26/76-11-	14-	13-	1.1-	-	-	7.7-	112-	4-2-7-3-6-3-2-1-1-3-3-2-2-	-1-	-	-	-	-	-	-	-								1.90
02-66.0733-158.8675-2-12-						0-406104-08/26/76-11-	14-	11-	0.0-	-	-	7.4-	97-	4-2-7-3-6-3-2-1-1-3-3-2-2-	-1-	-	-	-	-	-	-	-								2.30
02-66.0597-158.8341-2-12-						0-406105-08/26/76-11-	14-	12-	2.2-	-	-	7.4-	111-	2-2-7-3-6-3-2-1-1-3-3-2-2-	-1-	-	-	-	-	-	-	-								1.90
02-66.0583-158.7666-2-12-						0-406106-08/26/76-11-	14-	12-	2.2-	-	-	7.2-	74-	8-2-7-3-6-3-2-1-1-4-4-3-2-	-1-	-	-	-	-	-	-	-								1.90
02-66.0605-158.7250-2-12-						0-406107-08/26/76-11-	13-	9-	5.5-	-	-	7.4-	24-	4-2-7-3-6-3-2-1-1-4-4-3-2-	-1-	-	-	-	-	-	-	-								1.90
02-66.0988-158.7133-2-13-						0-406108-08/26/76-11-	13-	-	-	-	-	-	-	2-2-7-3-6-3- -3-2-4-4-3-2-	-1-	-	-	-	-	-	-	-								1.50
02-66.1133-158.7191-2-12-						0-406109-08/26/76-11-	12-	9-	7.7-	-	-	8.2-	42-	4-2-7-3-6-3-2-1-1-4-4-3-2-	-1-	-	-	-	-	-	-	-								2.30
02-66.0933-158.6750-2-12-						0-406110-08/26/76-11-	13-	9-	4.4-	-	-	8.2-	88-	10-2-7-4-6-3-2-1-1-4-4-3-2-	-1-	-	-	-	-	-	-	-								1.70
02-66.1066-158.6933-2-12-						0-406111-08/26/76-11-	14-	9-	7.7-	-	-	7.9-	42-	2-2-7-4-7-3-2-1-1-4-4-3-2-	-1-	-	-	-	-	-	-	-								1.80
02-66.1208-158.5861-2-12-						0-406112-08/26/76-12-	16-	10-	2.2-	-	-	7.5-	43-	4-2-7-3-6-3-2-1-1-3-3-3-2-	-1-	-	-	-	-	-	-	-								2.20
02-66.0961-158.6133-2-12-						0-406113-08/26/76-12-	15-	9-	7.7-	-	-	7.9-	37-	4-2-7-3-6-3-2-1-1-3-3-3-2-	-1-	-	-	-	-	-	-	-								2.00
02-66.0466-158.5933-2-12-						0-406114-08/26/76-12-	15-	10-	7.7-	-	-	6.9-	32-	4-2-7-3-6-3-2-1-1-3-3-3-2-	-1-	-	-	-	-	-	-	-								2.90
02-66.0480-158.6400-2-12-						0-406115-08/26/76-12-	16-	11-	7.7-	-	-	6.3-	21-	4-2-7-3-6-2-2-1-1-3-3-3-2-	-1-	-	-	-	-	-	-	-								2.40
02-66.0833-158.5058-2-12-						0-406116-08/26/76-12-	14-	9-	4.4-	-	-	6.9-	63-	4-2-7-3-6-3-2-1-1-3-3-3-2-	-1-	-	-	-	-	-	-	-								2.50
02-66.1061-158.4900-2-12-						0-406117-08/26/76-12-	15-	11-	7.7-	-	-	6.9-	121-	4-2-7-3-6-3-2-1-1-3-3-3-2-	-1-	-	-	-	-	-	-	-								2.00

APPENDIX C (continued). Field Data and Uranium Concentrations for Sediment Samples

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																									U CONCENTRATION
							TIME SAMPLED																									
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	DATE	HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
02-66.1125-158.4708-2-12-						0-406118-08/26/76-12-	14-10.4-		-	-			7.2-	27-	4-2-7-5-6-3-2-1-1-3-3-3-2-																		-1-	-	-	-	2.40
02-66.0933-158.4433-2-12-						0-406119-08/26/76-12-	13- 9.5-		-	-			6.4-	44-	10-2-7-3-6-3-2-1-1-3-3-3-2-																		-1-	-	-	-	2.50
02-66.0638-158.3458-2-12-						0-406120-08/26/76-12-	14-10.3-		-	-			7.2-	22-	8-2-7-5-6-3-2-1-1-3-3-3-2-																		-1-	-	-	-	3.30
02-66.0766-158.3858-2-12-						0-406121-08/26/76-12-	13-10.4-		-	-			7.1-	34-	2-2-7-3-6-3-2-1-1-3-3-3-2-																		-1-	-	-	-	2.70
02-66.1225-158.3509-2-12-						0-406122-08/26/76-12-	15- 9.4-		-	-			8.8-	87-	15-2-7-5-6-3-2-1-1-1-4-3-2-																		-1-	-	-	-	2.60
02-66.1069-158.3275-2-12-						0-406123-08/26/76-12-	15- 9.5-		-	-			8.4-	110-	8-2-7-3-6-3-2-1-1-2-4-3-2-																		-1-	-	-	-	2.80
02-66.0900-158.2861-2-12-						0-406124-08/26/76-12-	16-10.1-		-	-			8.4-	96-	2-2-7-3-6-3-2-1-1-2-3-3-2-																		-1-	-	-	-	3.00
02-66.1166-158.2458-2-12-						0-406125-08/26/76-12-	15- 9.4-		-	-			7.9-	47-	8-2-7-5-6-3-2-1-1-2-4-3-2-																		-1-	-	-	-	2.80
02-66.0891-158.2466-2-12-						0-406126-08/26/76-12-	16- 9.4-		-	-			8.3-	142-	17-2-7-3-6-3-2-1-1-2-3-3-2-																		-1-	-	-	-	2.80
02-66.0488-158.0883-2-13-						0-406127-08/26/76-12-	18-14.3-		-S-				7.2-	24-	-2-7-5-7- -3-1- -4-4-3-2-																		-1-	-	-	-	2.80
02-66.6466-158.0068-2-12-						0-406128-08/26/76-16-	17-13.7-		-	-			6.3-	24-	4-2-7-6-8-2-3-3-2-4-4-2-2-																		-1-	-	-	-	3.10
02-66.6105-158.5833-2-12-						0-406129-08/26/76-16-	17-12.4-		-	-			6.7-	19-	15-2-7-5-8-2-3-3-1-3-3-2-2-																		-1-	-	-	-	3.30
02-66.6402-158.5000-2-12-						0-406131-08/26/76-16-	16-12.6-		-	-			6.7-	21-	10-2-7-5-6-2-2-1-1-4-4-2-2-																		-1-	-	-	-	4.70
02-66.6077-158.5050-2-12-						0-406132-08/26/76-16-	16-13.6-		-	-			7.1-	42-	4-2-7-5-6-2-2-1-1-4-4-2-2-																		-1-	-	-	-	2.80
02-66.5825-158.5058-2-12-						0-406133-08/26/76-16-	16-12.7-		-	-			6.7-	12-	2-2-7-5-8-2-2-1-1-4-4-2-2-																		-1-	-	-	-	2.80
02-66.6141-158.4333-2-12-						0-406134-08/26/76-16-	16-12.7-		-	-			6.3-	21-	2-2-7-5-6-2-2-1-1-4-4-2-2-																		-1-	-	-	-	2.80
02-66.6472-158.3930-2-12-						0-406136-08/26/76-16-	17-11.3-		-	-			7.1-	16-	4-2-7-5-6-3-2-1-1-4-4-2-2-																		-1-	-	-	-	7.30
02-66.6075-158.3558-2-12-						0-406137-08/26/76-16-	16-10.2-		-	-			6.7-	23-	4-2-7-5-8-3-2-1-1-4-4-2-2-																		-1-	-	-	-	3.00
02-66.6333-158.2925-2-12-						0-406138-08/26/76-16-	16-11.0-		-	-			7.0-	32-	10-2-7-6-8-2-2-1-1-3-3-2-2-																		-1-	-	-	-	2.90
02-66.6100-158.2833-2-12-						0-406139-08/26/76-16-	17- 9.7-		-	-			6.4-	21-	4-2-7-5-6-2-2-1-1-3-3-2-2-																		-1-	-	-	-	3.10
02-66.5566-158.2960-2-12-						0-406140-08/26/76-16-	18-13.4-		-	-			5.2-	23-	10-2-7-5-6-2-2-5-1-4-4-2-2-																		-1-	-	-	-	2.70
02-66.5250-158.2988-2-12-						0-406141-08/26/76-16-	18-13.1-		-	-			5.0-	27-	4-2-7-6-6-1-2-3-1-4-4-2-2-																		-1-	-	-	-	2.80
02-66.5400-158.3458-2-12-						0-406143-08/26/76-16-	18-12.9-		-	-			6.4-	14-	2-2-7-6-6-1-2-5-1-4-4-2-2-																		-1-	-	-	-	3.00
02-66.5202-158.3766-2-12-						0-406144-08/26/76-16-	18-13.1-		-	-			7.0-	37-	4-2-7-3-6-1-2-5-1-4-4-2-2-																		-1-	-	-	-	2.80
02-66.5225-158.4408-2-12-						0-406145-08/26/76-16-	18-10.4-		-	-			7.4-	27-	0-2-7-5-6-2-2-1-1-4-4-2-2-																		-1-	-	-	-	3.10
02-66.5500-158.4433-2-12-						0-406146-08/26/76-16-	18- 9.9-		-	-			7.3-	44-	2-2-7-3-6-2-2-1-1-4-4-2-2-																		-1-	-	-	-	7.30
02-66.5791-158.4458-2-12-						0-406147-08/26/76-17-	18-11.3-		-	-			7.4-	21-	2-2-7-5-6-2-2-1-1-4-4-2-2-																		-1-	-	-	-	2.80
02-66.5805-158.3841-2-12-						0-406148-08/26/76-17-	18-11.3-		-	-			7.7-	31-	10-2-7-5-6-2-2-1-1-4-4-2-2-																		-1-	-	-	-	2.90
02-66.5252-158.4916-2-12-						0-406150-08/26/76-17-	19-12.7-		-	-			7.1-	21-	10-2-7-5-6-2-2-1-1-3-4-2-2-																		-1-	-	-	-	3.10
02-66.5416-158.5921-2-13-						0-406151-08/26/76-17-	19-16.6-		-S-				6.0-	17-	-2-7-4-6- -3-1- -4-3-1-2-																		-1-	-	-	-	1.50
02-66.5258-158.5925-2-12-						0-406152-08/26/76-17-	19-16.5-		-	-			7.3-	118-	2-2-7-4-6-3-2-1-1-1-3-2-2-																		-1-	-	-	-	3.40
02-66.5000-158.5933-2-12-						0-406153-08/26/76-17-	20-15.7-		-	-			7.1-	142-	2-2-7-4-6-3-2-1-1-1-2-2-2-																		-1-	-	-	-	3.00
02-66.4641-158.5791-2-12-						0-406154-08/26/76-17-	19-14.2-		-	-			7.6-	87-	2-2-7-5-6-3-2-1-1-4-4-2-2-																		-1-	-	-	-	3.30
02-66.4675-158.5280-2-12-						0-406155-08/26/76-17-	19-14.9-		-	-			7.9-	42-	10-2-7-3-6-3-2-1-1-4-4-2-2-																		-1-	-	-	-	3.10
02-66.4825-158.5005-2-12-						0-406156-08/26/76-17-	19-12.7-		-	-			8.0-	121-	2-2-7-3-6-3-2-1-1-2-3-2-2-																		-1-	-	-	-	3.80
02-66.4922-158.4466-2-12-						0-406157-08/26/76-17-	19-14.6-		-	-			7.7-	47-	10-2-7-4-6-3-2-1-1-1-4-2-2-																		-1-	-	-	-	3.10
02-66.4616-158.4466-2-12-						0-406158-08/26/76-17-	21-14.9-		-	-			7.9-	66-	8-2-7-4-6-3-2-1-1-4-4-2-2-																		-1-	-	-	-	2.50
02-66.4933-158.5700-2-12-						0-406159-08/26/76-17-	20-14.3-		-	-			7.4-	127-	15-2-7-5-6-3-2-1-1-3-3-2-2-																		-1-	-	-	-	3.40
02-66.4894-158.6941-2-12-						0-406160-08/26/76-17-	21-13.7-		-	-			8.1-	41-	0-2-7-3-6-3-2-1-1-2-4-2-2-																		-1-	-	-	-	3.00
02-66.4558-158.5156-2-12-						0-406162-08/26/76-17-	20-14.2-		-	-			7.2-	21-	4-2-7-3-6-3-2-1-1-2-4-2-2-																		-1-	-	-	-	2.20
02-66.4350-158.6858-2-12-						0-406163-08/26/76-17-	20-13.2-		-	-			7.2-	21-	4-2-7-3-6-3-2-1-1-4-4-2-2-																		-1-	-	-	-	2.30
02-66.4258-158.3550-2-12-						0-406164-08/26/76-17-	20-13.9-		-	-			7.7-	77-	10-2-7-3-6-3-2-1-1-2-4-2-2-																		-1-	-	-	-	3.00
02-66.4244-158.4200-2-12-						0-406165-08/26/76-17-	21-14.2-		-	-			7.2-	21-	4-2-7-3-6-3-2-1-1-2-4-2-2-																		-1-	-	-	-	4.10
02-66.3508-158.6750-2-12-						0-406166-08/26/76-17-	21-14.1-		-	-			8.1-	101-	6-2-7-3-6-3-2-1-1-3-4-2-2-																		-1-	-	-	-	2.00
02-66.4341-158.5083-2-13-						0-406167-08/26/76-17-	20-16.4-		-S-				8.4-	34-	-2-7-3-8- -3-1- -4-4-2-2-																		-1-	-	-	-	3.10
02-66.4258-158.5800-2-13-						0-406168-08/26/76-17-	20-15.9-		-S-				8.2-	47-	-2-7-6-8- -3-1- -4-4-2-2-																		-1-	-	-	-	4.20
02-66.3422-158.0858-2-13-						0-406169-08/26/76-17-	20-16.4-		-S-				7.8-	31-	-2-7-3-7- -3-1- -4-4-2-2-																		-1-	-	-	-	3.00
02-66.3200-158.0725-2-13-						0-406170-08/26/76-17-	21-16.0-		-S-				8.1-	20-	-2-7-6-8- -3-1- -4-4-2-2-																		-1-	-	-	-	3.10
02-66.2938-158.0758-2-12-						0-406171-08/26/76-17-	20-16.2-		-	-			7.7-	24-	10-2-7-5-6-2-2-1-1-4-4-2-2-																		-1-	-	-	-	3.40
02-66.3244-158.1391-2-12-						0-406172-08/26/76-17-	21-16.2-		-	-			6.7-	12-	4-2-7-5-6-2-2-1-1-4-4-2-2-																		-1-	-	-	-	3.60
02-66.3383-158.1525-2-12-						0-406173-08/26/76-17-	20-15.9-		-	-			7.1-	34-	21-2-7-3-6-3-2-1-1-4-4-2-2-																		-1-	-	-	-	3.50

APPENDIX C (continued). Field Data and Uranium Concentrations for Sediment Samples

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																							U CONCENTRATION
							TIME SAMPLED																						SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	DATE	HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (μmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	
02-66.2938-158.1361-2-13-						0-406174-08/26/76-18-	20-15.8-		-S-	7.6-	14-	-2-7-5-6- -3-1- -4-4-2-2-																						2.90
02-66.2386-158.1516-2-12-						0-406175-08/26/76-18-	19-15.2-			7.2-	122-	8-2-7-5-6-3-2-1-1-1-1-3-2-																						4.90
02-66.2500-158.1583-2-12-						0-406176-08/26/76-18-	19-15.2-			7.2-	21-	15-2-7-4-6-3-2-1-1-4-4-3-2-																						4.90
02-66.2891-158.2160-2-12-						0-406177-08/26/76-18-	19-14.9-			6.9-	14-	6-2-7-5-6-2-2-1-1-2-2-3-2-																						4.80
02-66.3166-158.2338-2-12-						0-406178-08/26/76-18-	19-15.5-			7.0-	32-	8-2-7-5-6-3-2-1-1-2-3-3-2-																						5.60
02-66.3400-158.2583-2-12-						0-406179-08/26/76-18-	19-15.0-			7.0-	41-	9-2-7-3-6-3-2-1-1-4-4-3-2-																						4.60
02-66.2550-158.0822-2-12-						0-406180-08/26/76-18-	19-14.9-			6.9-	27-	4-2-7-5-6-2-2-1-1-3-3-3-2-																						2.20
02-66.2233-158.0733-2-12-						0-406181-08/26/76-18-	17-14.7-			6.9-	22-	4-2-7-3-6-3-2-1-1-4-4-3-2-																						2.70
02-66.2127-158.1069-2-12-						0-406182-08/26/76-18-	17-15.0-			7.2-	42-	10-2-7-5-6-2-2-1-1-4-4-3-2-																						2.80
02-66.2016-158.1333-2-12-						0-406183-08/26/76-18-	17-13.9-			7.0-	19-	10-2-7-4-6-3-2-1-1-3-3-3-2-																						2.90
02-66.1991-158.2000-2-12-						0-406184-08/26/76-18-	16-11.3-			8.1-	168-	6-2-7-3-6-3-2-1-1-3-3-3-2-																						3.00
02-66.1666-158.2039-2-12-						0-406186-08/26/76-18-	16-11.9-			7.9-	142-	10-2-7-5-6-3-2-1-1-3-3-3-2-																						2.90
02-66.1400-158.2191-2-12-						0-406187-08/26/76-18-	15- 9.6-			7.9-	121-	10-2-7-4-6-3-2-1-1-2-3-3-2-																						2.50
02-66.1493-158.1729-2-12-						0-406188-08/26/76-18-	15-10.4-			8.2-	49-	10-2-7-3-6-3-2-1-1-2-4-3-2-																						2.50
02-66.1733-158.0769-2-12-						0-406189-08/26/76-18-	15-10.7-			7.9-	27-	10-2-7-3-6-3-2-1-1-3-4-3-2-																						2.50
02-66.1333-158.0900-2-12-						0-406190-08/26/76-18-	15-10.7-			8.1-	27-	4-2-7-3-6-3-2-1-1-4-4-3-2-																						3.00
02-66.1200-158.1138-2-12-						0-406191-08/26/76-18-	15-11.4-			6.9-	24-	6-2-7-5-6-3-2-1-1-2-3-3-2-																						2.70
02-66.1077-158.1416-2-12-						0-406192-08/26/76-18-	15-11.7-			8.1-	121-	4-2-7-3-6-3-2-1-1-1-4-3-2-																						3.00
02-66.0925-158.1633-2-12-						0-406193-08/26/76-18-	15-11.2-			8.2-	24-	6-2-7-4-6-3-2-1-1-1-4-3-2-																						2.90
02-66.0883-158.0629-2-12-						0-406194-08/26/76-18-	15- 9.9-			7.9-	49-	4-2-7-4-6-3-2-1-1-2-4-3-2-																						0.50
02-66.1566-158.1333-2-12-						0-406195-08/26/76-18-	14-10.9-			8.1-	101-	6-2-7-4-6-3-2-1-1-2-3-3-2-																						3.50
02-66.1400-158.2900-2-13-						0-406196-08/26/76-19-	16-16.3-		-S-	6.4-	8-	-2-7-5-8- -3-1- -1-3-2-2-																						3.20
02-66.1455-158.3391-2-12-						0-406197-08/26/76-19-	14- 9.2-			8.1-	22-	17-2-7-3-6-3-2-1-1-1-4-3-2-																						3.00
02-66.1750-158.3005-2-12-						0-406198-08/26/76-19-	14-10.3-			7.9-	14-	0-2-7-4-6-3-2-1-1-2-3-3-2-																						11.90
02-66.1944-158.2638-2-12-						0-406199-08/26/76-19-	15- 9.9-			8.2-	47-	8-2-7-5-6-3-2-1-1-3-3-3-2-																						4.60
02-66.1633-158.3525-2-12-						0-406200-08/26/76-19-	14-10.2-			7.7-	27-	15-2-7-3-6-3-2-1-1-2-4-3-2-																						3.00
02-66.1738-158.4183-2-12-						0-406201-08/26/76-19-	14-11.0-			8.1-	124-	6-2-7-3-6-3-2-1-1-2-4-3-2-																						3.50
02-66.1916-158.4405-2-12-						0-406202-08/26/76-19-	14-11.2-			7.1-	21-	10-2-7-3-6-3-2-1-1-2-4-3-2-																						3.10
02-66.1486-158.4641-2-12-						0-406203-08/26/76-19-	15-10.4-			8.3-	114-	10-2-7-5-6-3-2-1-1-3-4-3-2-																						3.20
02-66.1386-158.5041-2-12-						0-406204-08/26/76-19-	13-10.2-			8.1-	34-	4-2-7-3-6-3-2-1-1-1-3-3-2-																						2.70
02-66.1680-158.5238-2-12-						0-406205-08/26/76-19-	14- 9.9-			7.5-	25-	15-2-7-5-6-3-2-1-1-4-4-3-2-																						2.60
02-66.1588-158.5841-2-12-						0-406206-08/26/76-19-	12- 9.7-			7.7-	127-	15-2-7-5-6-2-2-1-1-1-3-3-2-																						2.50
02-66.1391-158.6133-2-12-						0-406207-08/26/76-19-	13-10.2-			8.2-	122-	4-2-7-5-6-3-2-1-1-4-4-3-2-																						2.40
02-66.1438-158.6583-2-12-						0-406208-08/26/76-19-	13-11.0-			8.2-	22-	8-2-7-5-6-3-2-1-1-2-3-3-2-																						2.30
02-66.1791-158.6341-2-12-						0-406209-08/26/76-19-	13-12.2-			7.7-	14-	10-2-7-5-6-3-2-1-1-1-3-3-2-																						2.80
02-66.3566-158.7175-2-13-						0-406210-08/27/76-10-	13-15.0-		-S-	7.9-	64-	-2-7-6-8- -3-1- -4-4-2-2-																						2.70
02-66.3491-158.6633-2-13-						0-406211-08/27/76-10-	14-14.5-		-S-	9.1-	62-	-2-7-5-7- -3-2- -4-4-2-2-																						3.20
02-66.3358-158.6033-2-12-						0-406212-08/27/76-10-	14-13.2-			6.3-	60-	10-2-7-5-6-3-2-1-1-3-4-2-2-																						2.70
02-66.3350-158.5291-2-12-						0-406213-08/27/76-10-	18-12.3-			6.1-	57-	4-2-7-5-6-3-2-1-1-3-4-2-2-																						3.00
02-66.3222-158.7222-2-12-						0-406214-08/27/76-10-	18-13.4-			7.9-	160-	10-2-7-3-6-3-2-1-1-1-4-2-2-																						2.90
02-66.3150-158.6529-2-12-						0-406215-08/27/76-10-	18-14.0-			7.9-	211-	6-2-7-4-6-3-2-1-1-4-4-2-2-																						2.60
02-66.3116-158.6333-2-12-						0-406216-08/27/76-10-	18-13.2-			8.2-	147-	15-2-7-5-6-3-2-1-1-1-3-2-2-																						2.50
02-66.3044-158.5269-2-12-						0-406217-08/27/76-10-	18-13.2-			7.7-	94-	4-2-7-3-6-3-2-1-1-4-4-2-2-																						2.60
02-66.2927-158.5016-2-12-						0-406218-08/27/76-10-	18-14.1-			8.1-	81-	8-2-7-5-6-3-2-1-1-2-3-2-2-																						2.80
02-66.3066-158.4633-2-12-						0-406219-08/27/76-10-	18-13.7-			7.7-	142-	8-2-7-4-7-3-2-1-1-3-3-2-2-																						2.80
02-66.2916-158.4250-2-12-						0-406220-08/27/76-10-	18-13.4-			7.4-	194-	8-2-7-3-6-3-2-1-1-1-3-2-2-																						2.60
02-66.2800-158.3729-2-12-						0-406221-08/27/76-10-	18-13.4-			7.9-	99-	2-2-7-3-6-3-2-1-1-1-3-2-2-																						2.80
02-66.2650-158.3469-2-12-						0-406222-08/27/76-10-	17-13.7-			8.2-	141-	6-2-7-4-6-3-2-1-1-4-4-2-2-																						2.70
02-66.2516-158.3033-2-12-						0-406223-08/27/76-10-	18-14.0-			7.4-	124-	10-2-7-5-6-3-2-1-1-1-3-2-2-																						2.90
02-66.2466-158.2800-2-12-						0-406224-08/27/76-10-	18-12.8-			8.5-	213-	4-2-7-5-6-3-3-1-1-4-4-2-2-																						2.60
02-66.2358-158.2200-2-12-						0-406225-08/27/76-10-	18-14.2-			8.0-	37-	6-2-7-3-6-3-2-1-1-3-3-2-2-																						2.90

APPENDIX C (continued). Field Data and Uranium Concentrations for Sediment Samples

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																						U CONCENTRATION
							TIME SAMPLED																					SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	DATE	HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (μmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	
02-66.2388-158.4766-2-16-						0-406226-08/27/76-10-			18-13.7-	-	-	-	7.4-	127-	10-2-7-5-6-3-2-1-1-3-4-2-2-	-1-	-	-	-	-	3.10
02-66.1972-158.3541-2-16-						0-406227-08/27/76-10-			18-13.8-	-	-	-	8.1-	112-	17-2-7-3-6-3-2-1-1-1-3-2-2-	-1-	-	-	-	-	3.00
02-66.2255-158.3750-2-16-						0-406228-08/27/76-10-			18-14.0-	-	-	-	8.0-	124-	4-2-7-3-6-3-2-1-1-1-4-2-2-	-1-	-	-	-	-	3.40
02-66.2194-158.4166-2-16-						0-406229-08/27/76-10-			18-13.7-	-	-	-	8.2-	114-	4-2-7-5-6-3-2-1-1-2-4-2-2-	-1-	-	-	-	-	3.60
02-66.2650-158.4250-2-16-						0-406230-08/27/76-10-			18-12.6-	-	-	-	7.6-	77-	8-2-7-5-6-3-2-1-1-4-4-2-2-	-1-	-	-	-	-	3.60
02-66.2666-158.5041-2-16-						0-406231-08/27/76-10-			17-14.2-	-	-	-	8.4-	214-	4-2-7-5-6-3-2-1-1-1-3-2-2-	-1-	-	-	-	-	3.80
02-66.2758-158.5597-2-16-						0-406232-08/27/76-10-			18-12.9-	-	-	-	8.1-	111-	8-2-7-5-6-3-2-1-1-3-4-2-2-	-1-	-	-	-	-	2.20
02-66.2625-158.5988-2-16-						0-406233-08/27/76-10-			18-13.2-	-	-	-	7.4-	122-	10-2-7-5-6-3-2-1-1-4-4-2-2-	-1-	-	-	-	-	3.30
02-66.2322-158.5991-2-16-						0-406234-08/27/76-10-			17-14.1-	-	-	-	7.4-	92-	2-2-7-5-6-3-2-1-1-2-4-2-2-	-1-	-	-	-	-	4.90
02-66.2091-158.6350-2-16-						0-406235-08/27/76-10-			18-14.1-	-	-	-	8.1-	141-	17-2-7-5-6-3-2-1-1-4-4-2-2-	-1-	-	-	-	-	3.30
02-66.1805-158.6033-2-13-						0-406236-08/27/76-10-			17-15.1-	-	-S-	-	8.2-	53-	-2-7-6-8- -3-4- -4-4-2-2-	-1-	-	-	-	-	3.40
02-66.2338-158.5333-2-13-						0-406237-08/27/76-10-			18-13.6-	-	-S-	-	7.2-	23-	-2-7-5-7- -3-2- -4-4-2-2-	-1-	-	-	-	-	3.20
02-66.2058-158.5233-2-16-						0-406238-08/27/76-11-			17-12.7-	-	-	-	6.1-	40-	4-2-7-5-8-2-2-1-1-3-3-2-2-	-1-	-	-	-	-	3.60
02-66.2011-158.5625-2-16-						0-406239-08/27/76-11-			17-13.2-	-	-	-	7.2-	37-	10-2-7-3-6-3-2-1-1-3-4-2-2-	-1-	-	-	-	-	2.70
02-66.2136-158.7108-2-16-						0-406240-08/27/76-11-			16-13.4-	-	-	-	6.9-	162-	21-2-7-5-8-2-2-1-1-4-4-2-2-	-1-	-	-	-	-	4.30
02-66.2333-158.7333-2-16-						0-406241-08/27/76-11-			16-13.7-	-	-	-	7.2-	-	-2-7-5-6-3-2-1-1-4-4-2-2-	-1-	-	-	-	-	5.40
02-66.2366-158.6500-2-16-						0-406242-08/27/76-11-			16-13.2-	-	-	-	7.1-	20-	4-2-7-5-6-3-2-1-1-4-4-2-2-	-1-	-	-	-	-	5.00
02-66.2494-158.6433-2-16-						0-406243-08/27/76-11-			16-13.4-	-	-	-	6.8-	19-	10-2-7-5-6-3-2-1-1-4-4-2-2-	-1-	-	-	-	-	3.10
02-66.2597-158.7277-2-16-						0-406244-08/27/76-11-			16-13.9-	-	-	-	7.2-	42-	15-2-7-3-6-3-2-1-1-4-4-2-2-	-1-	-	-	-	-	4.50
02-66.2900-158.7266-2-16-						0-406245-08/27/76-11-			17-14.1-	-	-	-	7.1-	71-	4-2-7-5-6-3-2-1-1-4-4-2-2-	-1-	-	-	-	-	3.80
02-66.2941-158.6533-2-16-						0-406246-08/27/76-11-			17-13.7-	-	-	-	7.4-	14-	4-2-7-5-6-3-2-1-1-4-4-2-2-	-1-	-	-	-	-	4.10
02-66.3166-158.6766-2-16-						0-406247-08/27/76-11-			17-10.7-	-	-	-	6.8-	29-	4-2-7-6-8-2-3-5-1-4-4-2-2-	-1-	-	-	-	-	3.50
02-66.3366-158.6833-2-16-						0-406248-08/27/76-11-			17-10.9-	-	-	-	6.9-	40-	4-2-7-5-8-2-3-2-1-5-3-2-1-	-	-	-	-	-	3.40
02-66.3555-158.7116-2-16-						0-406249-08/27/76-11-			17-11.0-	-	-	-	6.4-	42-	8-2-7-5-8-2-3-2-1-4-4-2-2-	-1-	-	-	-	-	3.90
02-66.3375-159.0847-2-13-						0-406251-08/27/76-11-			14-15.3-	-	-S-	10.2-	101-	-2-7-6-8- -3-1- -2-3-2-2-	-1-	-	-	-	-	4.40
02-66.3191-159.1333-2-13-						0-406252-08/27/76-11-			15-15.9-	-	-S-	9.5-	128-	-2-7-6-7- -3-2- -2-4-2-2-	-1-	-	-	-	-	5.00
02-66.2666-159.1666-2-13-						0-406254-08/27/76-12-			16-15.4-	-	-S-	10.2-	89-	-2-7-5-6- -3-2- -2-4-2-2-	-1-	-	-	-	-	3.00
02-66.2300-159.2430-2-16-						0-406256-08/27/76-12-			15-12.0-	-	-	9.2-	104-	0-2-7-5-6-3-2-4-1-3-4-2-2-	-1-	-	-	-	-	4.00
02-66.1983-159.2669-2-16-						0-406257-08/27/76-12-			17-12.4-	-	-	8.9-	87-	4-2-7-5-6-3-2-4-1-3-3-2-2-	-1-	-	-	-	-	3.80
02-66.2022-159.3391-2-16-						0-406258-08/27/76-12-			17-12.0-	-	-	9.1-	114-	8-2-7-3-6-3-3-1-1-3-4-2-2-	-1-	-	-	-	-	3.40
02-66.1666-159.3133-2-16-						0-406259-08/27/76-12-			16-11.7-	-	-	8.7-	107-	8-2-7-5-6-3-2-1-1-3-4-2-2-	-1-	-	-	-	-	3.80
02-66.2058-159.4433-2-16-						0-406260-08/27/76-12-			17-12.2-	-	-	9.2-	94-	0-2-7-5-6-3-2-1-1-3-3-2-2-	-1-	-	-	-	-	4.40
02-66.1616-159.4566-2-16-						0-406261-08/27/76-12-			16-12.7-	-	-	8.7-	114-	2-2-7-3-6-3-2-1-1-3-4-2-2-	-1-	-	-	-	-	4.20
02-66.1583-159.5261-2-16-						0-406262-08/27/76-12-			17-12.4-	-	-	8.8-	118-	4-2-7-3-6-3-2-1-1-2-4-2-2-	-1-	-	-	-	-	4.50
02-66.1191-159.5300-2-16-						0-406263-08/27/76-12-			17-12.4-	-	-	9.1-	94-	2-2-7-3-6-3-2-1-1-3-4-2-2-	-1-	-	-	-	-	4.50
02-66.1044-159.4300-2-16-						0-406264-08/27/76-12-			17-12.2-	-	-	8.7-	114-	8-2-7-5-6-3-2-1-1-3-3-2-2-	-1-	-	-	-	-	4.60
02-66.2266-159.1475-2-13-						0-406265-08/27/76-12-			14-16.5-	-	-S-	11.2-	171-	-2-7-5-8- -3-1- -2-3-2-2-	-1-	-	-	-	-	3.30
02-66.1975-159.1600-2-13-						0-406266-08/27/76-12-			16-16.6-	C-	-S-	9.3-	67-	-2-7- - -2-3-1-1-3-4-2-2-	-1-	-	-	-	-	3.20
02-66.1800-159.1825-2-13-						0-406267-08/27/76-12-			16-15.8-	C-	-S-	8.5-	195-	-2-7- - - -3-1- -3-3-2-2-	-1-	-	-	-	-	2.20
02-66.1633-159.1600-2-13-						0-406268-08/27/76-12-			16-15.2-	-	-S-	8.8-	342-	-2-7-5-6- -3-1- -4-4-2-2-	-1-	-	-	-	-	2.80
02-66.1383-159.1738-2-13-						0-406269-08/27/76-12-			16-15.8-	-	-S-	9.3-	42-	-2-7-6-6- -3-2- -1-3-2-2-	-1-	-	-	-	-	3.00
02-66.0969-159.1350-2-13-						0-406271-08/27/76-12-			17-16.5-	-	-S-	8.1-	71-	-2-7-5-6- -3-2- -4-4-2-2-	-1-	-	-	-	-	3.70
02-66.1166-159.2175-2-13-						0-406272-08/27/76-12-			16-14.7-	-	-S-	8.1-	71-	-2-7-5-6- -3-2- -3-4-2-2-	-1-	-	-	-	-	3.30
02-66.1433-159.2388-2-13-						0-406273-08/27/76-12-			16-14.7-	-	-S-	7.9-	77-	-2-7-6-8- -3-2- -3-4-2-2-	-1-	-	-	-	-	2.60
02-66.1886-159.2391-2-13-						0-406275-08/27/76-12-			16-15.2-	-	-S-	7.9-	121-	-2-7-6-8- -3-2- -4-4-2-2-	-1-	-	-	-	-	4.90
02-66.0516-159.1366-2-16-						0-406277-08/27/76-12-			18-13.2-	-	-	-	8.2-	27-	4-2-7-5-6-3-2-1-1-1-3-2-2-	-1-	-	-	-	-	2.80
02-66.0533-159.2222-2-16-						0-406278-08/27/76-12-			18-13.7-	-	-	-	7.4-	44-	0-2-7-3-6-2-3-1-1-1-3-2-2-	-1-	-	-	-	-	2.90
02-66.0166-159.2272-2-16-						0-406279-08/27/76-12-			19-14.2-	-	-	-	6.9-	121-	10-2-7-3-6-3-2-2-1-4-4-2-2-	-1-	-	-	-	-	3.20
02-66.0266-159.1100-2-13-						0-406280-08/27/76-12-			19-14.4-	-	-	-	7.4-	76-	2-2-7-6-8-2-2-5-1-4-4-2-2-	-1-	-	-	-	-	3.30
02-66.0052-159.3066-2-13-						0-406281-08/27/76-12-			19-14.2-	-	-	-	7.4-	121-	15-2-7-3-6-2-3-1-1-1-3-2-2-	-1-	-	-	-	-	3.10
02-66.0633-159.3600-2-16-						0-406282-08/27/76-13-			17-13.2-	-	-	-	8.1-	41-	2-2-7-3-6-3-2-1-1-1-3-2-2-	-1-	-	-	-	-	5.00

APPENDIX C (continued). Field Data and Uranium Concentrations for Sediment Samples

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (μmho/cm)	SCINTILLOMETER (eU, ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
02-	66.1075-	159.3200-	2-	16-		0-406283-	08/27/76-	13-	18-	11.7-	-	-	7.7-	24-	15-2-7-3-6-3-2-1-1-1-2-2-2-	-1-	-	-	-	9.80
02-	66.0650-	159.4300-	2-	16-		0-406284-	08/27/76-	13-	18-	12.7-	-	-	7.4-	74-	0-2-7-3-6-3-2-1-1-1-4-2-2-	-1-	-	-	-	7.60
02-	66.0308-	159.4266-	2-	16-		0-406285-	08/27/76-	13-	18-	11.4-	-	-	8.2-	121-	10-2-7-3-6-3-2-1-1-3-4-2-2-	-1-	-	-	-	3.20
02-	66.0733-	159.5266-	2-	16-		0-406286-	08/27/76-	13-	18-	12.4-	-	-	7.2-	110-	43-2-7-5-6-3-2-1-1-1-3-3-2-	-1-	-	-	-	5.00
02-	66.0833-	159.6633-	2-	16-		0-406287-	08/27/76-	13-	18-	13.2-	-	-	7.4-	114-	41-2-7-3-6-3-2-1-1-3-4-3-2-	-1-	-	-	-	5.00
02-	66.0200-	159.5786-	2-	16-		0-406288-	08/27/76-	13-	17-	10.3-	-	-	8.2-	60-	49-2-7-3-6-3-2-1-1-3-4-2-2-	-1-	-	-	-	12.70
02-	66.0400-	159.6516-	2-	16-		0-406289-	08/27/76-	13-	18-	12.1-	-	-	7.2-	54-	56-2-7-3-6-3-2-1-1-3-4-2-2-	-1-	-	-	-	16.50
02-	66.0258-	159.7366-	2-	16-		0-406290-	08/27/76-	13-	17-	13.4-	-	-	7.4-	90-	28-2-7-4-6-3-2-1-1-3-3-3-2-	-1-	-	-	-	3.90
02-	66.0033-	159.8200-	2-	16-		0-406291-	08/27/76-	13-	17-	14.2-	-	-	7.1-	114-	41-2-7-3-6-3-2-1-1-4-4-4-2-	-1-	-	-	-	11.10
02-	66.0638-	159.8880-	2-	16-		0-406292-	08/27/76-	14-	15-	10.4-	-	-	8.2-	67-	10-2-7-3-6-3-2-1-1-3-3-3-2-	-1-	-	-	-	8.60
02-	66.0272-	159.9483-	2-	16-		0-406293-	08/27/76-	14-	16-	11.2-	-	-	8.2-	110-	23-2-7-4-6-3-2-1-1-4-4-3-2-	-1-	-	-	-	5.40
02-	66.0625-	159.9625-	2-	16-		0-406294-	08/27/76-	14-	16-	14.1-	-	-	7.4-	-	21-2-7-3-6-3-2-1-1-4-4-3-2-	-1-	-	-	-	8.10
02-	66.1116-	159.9800-	2-	16-		0-406295-	08/27/76-	14-	16-	13.4-	-	-	7.5-	-	8-2-7-5-6-3-2-1-1-3-4-3-2-	-1-	-	-	-	9.50
02-	66.1538-	159.9700-	2-	16-		0-406296-	08/27/76-	14-	16-	13.2-	-	-	8.2-	60-	17-2-7-4-6-3-3-2-1-1-3-3-2-	-1-	-	-	-	4.80
02-	66.1602-	159.8650-	2-	16-		0-406297-	08/27/76-	14-	16-	13.1-	-	-	7.7-	54-	4-2-7-4-6-3-2-2-1-1-4-3-2-	-1-	-	-	-	4.30
02-	66.1633-	159.7683-	2-	16-		0-406298-	08/27/76-	14-	17-	12.9-	-	-	7.8-	87-	34-2-7-3-6-3-2-2-1-3-4-3-2-	-1-	-	-	-	5.90
02-	66.1000-	160.0433-	2-	16-		0-406299-	08/27/76-	14-	17-	12.7-	-	-	7.4-	121-	23-2-7-3-6-3-2-2-1-3-4-3-2-	-1-	-	-	-	3.10
02-	66.0816-	160.0916-	2-	16-		0-406300-	08/27/76-	14-	17-	12.4-	-	-	7.4-	101-	17-2-7-4-6-3-2-1-1-1-4-3-2-	-1-	-	-	-	3.10
02-	66.3633-	159.5769-	2-	16-		0-406301-	08/27/76-	15-	15-	17.6-	-	-S-	8.0-	136-	-2-7-5-6-	-3-4-	-4-4-2-2-	-1-	-	-	-	3.10
02-	66.3633-	159.5186-	2-	16-		0-406302-	08/27/76-	15-	17-	15.8-	-	-S-	7.8-	88-	-2-7-6-8-	-3-2-	-4-4-2-2-	-1-	-	-	-	3.00
02-	66.3302-	159.5933-	2-	16-		0-406303-	08/27/76-	15-	17-	15.4-	-	-S-	8.0-	117-	-2-7-6-7-	-3-2-	-4-4-2-2-	-1-	-	-	-	3.10
02-	66.3638-	159.4772-	2-	16-		0-406304-	08/27/76-	15-	16-	16.2-	-	-S-	7.7-	112-	-2-7-6-7-	-3-2-	-4-4-2-2-	-1-	-	-	-	3.80
02-	66.3583-	159.4375-	2-	16-		0-406305-	08/27/76-	15-	16-	16.2-	-	-S-	7.4-	94-	-2-7-6-6-	-3-4-	-3-3-2-2-	-1-	-	-	-	7.60
02-	66.3183-	159.4200-	2-	16-		0-406307-	08/27/76-	15-	17-	16.2-	-	-S-	7.5-	35-	-2-7-5-6-	-3-1-	-4-4-2-2-	-1-	-	-	-	3.90
02-	66.3394-	159.3433-	2-	16-		0-406308-	08/27/76-	15-	15-	14.2-	-	-	6.9-	90-	21-2-7-5-6-3-2-4-1-3-4-2-2-	-1-	-	-	-	6.00
02-	66.3166-	159.3405-	2-	16-		0-406309-	08/27/76-	15-	16-	14.4-	-	-	7.2-	87-	21-2-7-3-6-3-3-1-1-4-4-2-2-	-1-	-	-	-	5.20
02-	66.2738-	159.3483-	2-	16-		0-406311-	08/27/76-	15-	16-	15.1-	-	-	6.4-	90-	21-2-7-5-6-3-2-1-1-4-4-2-2-	-1-	-	-	-	3.40
02-	66.2550-	159.3783-	2-	16-		0-406312-	08/27/76-	15-	16-	14.4-	-	-	7.4-	87-	17-2-7-6-6-3-2-1-2-4-4-2-2-	-1-	-	-	-	5.20
02-	66.2566-	159.4350-	2-	16-		0-406313-	08/27/76-	15-	16-	14.2-	-	-	7.2-	90-	17-2-7-5-6-3-2-2-1-4-4-2-2-	-1-	-	-	-	5.50
02-	66.2883-	159.4694-	2-	16-		0-406314-	08/27/76-	16-	15-	16.1-	-	-S-	7.9-	63-	-2-7-6-8-	-3-2-	-4-4-2-2-	-1-	-	-	-	3.80
02-	66.2908-	159.4219-	2-	16-		0-406315-	08/27/76-	16-	16-	17.1-	-	-S-	8.1-	47-	-2-7-	-	-	-3-2-	-4-4-2-2-	-1-	-	-	-	2.60
02-	66.3133-	159.4200-	2-	16-		0-406316-	08/27/76-	16-	16-	15.3-	-	-S-	7.5-	33-	-2-7-5-6-	-3-4-	-4-4-2-2-	-1-	-	-	-	5.20
02-	66.3366-	159.4300-	2-	16-		0-406317-	08/27/76-	16-	16-	15.4-	-	-S-	7.2-	28-	-2-7-6-6-	-3-5-	-4-4	2-	-1-	-	-	-	2.90
02-	66.2900-	159.4283-	2-	16-		0-406318-	08/27/76-	16-	16-	16.7-	-	-S-	7.6-	55-	-2-7-6-6-	-3-2-	-3-4-	-2-	-1-	-	-	-	3.00
02-	66.2733-	159.4358-	2-	16-		0-406319-	08/27/76-	16-	16-	16.4-	-	-S-	7.9-	77-	-2-7-5-6-	-3-2-	-3-3-2-2-	-1-	-	-	-	3.60
02-	66.2258-	159.4883-	2-	16-		0-406320-	08/27/76-	16-	15-	16.5-	-	-S-	8.0-	68-	-2-7-6-8-	-3-2-	-3-4-2-2-	-1-	-	-	-	3.40
02-	66.2300-	159.3700-	2-	16-		0-406321-	08/27/76-	16-	16-	16.4-	-	-S-	7.9-	72-	-2-7-6-6-	-3-2-	-3-4-2-2-	-1-	-	-	-	5.50
02-	66.2925-	159.5500-	2-	16-		0-406322-	08/27/76-	16-	16-	12.2-	-	-	7.8-	119-	4-2-7-5-6-2-2-2-2-4-4-2-2-	-1-	-	-	-	3.30
02-	66.2883-	159.6566-	2-	16-		0-406323-	08/27/76-	16-	16-	12.4-	-	-	8.1-	124-	4-2-7-5-6-2-3-2-1-4-4-2-2-	-1-	-	-	-	3.40
02-	66.2486-	159.6317-	2-	16-		0-406324-	08/27/76-	16-	16-	12.4-	-	-	7.8-	97-	4-2-7-6-6-2-3-2-1-4-4-2-2-	-1-	-	-	-	3.40
02-	66.2533-	159.5838-	2-	16-		0-406325-	08/27/76-	16-	16-	12.7-	-	-	7.7-	124-	4-2-7-6-6-2-2-2-1-4-4-2-2-	-1-	-	-	-	3.20
02-	66.3300-	159.6759-	2-	16-		0-406326-	08/27/76-	16-	15-	13.4-	-	-	7.2-	50-	10-2-7-5-6-3-2-2-1-4-4-2-2-	-1-	-	-	-	2.90
02-	66.2838-	159.7906-	2-	16-		0-406327-	08/27/76-	16-	15-	13.7-	-	-	7.4-	27-	4-2-7-6-8-2-3-5-1-4-4-2-2-	-1-	-	-	-	4.60
02-	66.2566-	159.7883-	2-	16-		0-406328-	08/27/76-	16-	15-	12.9-	-	-	7.3-	60-	10-2-7-6-6-2-2-2-1-4-4-2-2-	-1-	-	-	-	2.30
02-	66.1938-	159.7402-	2-	16-		0-406329-	08/27/76-	16-	15-	13.7-	-	-	7.7-	280-	10-2-7-5-6-3-2-2-1-4-4-2-2-	-1-	-	-	-	4.30
02-	66.1533-	159.6300-	2-	16-		0-406331-	08/27/76-	17-	15-	12.4-	-	-	7.4-	42-	4-2-7-5-6-3-2-2-1-4-4-2-2-	-1-	-	-	-	5.00
02-	66.1208-	159.5761-	2-	16-		0-406332-	08/27/76-	17-	15-	12.1-	-	-	7.7-	70-	17-2-7-5-6-3-2-2-1-4-4-2-2-	-1-	-	-	-	8.10
02-	66.0991-	159.7209-	2-	16-		0-406333-	08/27/76-	17-	15-	13.4-	-	-	7.4-	72-	4-2-7-5-6-3-2-2-1-4-4-2-2-	-1-	-	-	-	6.40
02-	66.0733-	159.7652-	2-	16-		0-406334-	08/27/76-	17-	15-	14.2-	-	-	8.1-	27-	8-2-7-3-6-3-2-1-1-1-3-3-2-	-1-	-	-	-	7.80
02-	66.2069-	159.5944-	2-	13-		0-406335-	08/27/76-	17-	15-	14.4-	-	-S-	8.4-	54-	-2-7-5-6-	-2-5-	-4-4-2-2-	-1-	-	-	-	13.40
02-	66.1933-	159.8733-	2-	13-		0-406336-	08/27/76-	17-	16-	16.2-	-	-S-	8.1-	44-	-2-7-6-8-	-3-2-	-3-3-2-2-	-1-	-	-	-	2.40

APPENDIX C (continued). Field Data and Uranium Concentrations for Sediment Samples

DOE SAMPLE NUMBER						LASL SAMPLE LOCATION NUMBER AND FIELD DATA																								U CONCENTRATION
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE LOCATION NUMBER	TIME SAMPLED: DATE	TIME SAMPLED: HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umhos/cm)	SCINTILLOMETER (eU ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	BLUFF	OUTCROPS	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)		SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
02-	66.2050-	159.9706-	2-	13-		0-406337-	08/27/76-	17-	16-15.2-	-S-			7.8-	36-		-2-7-6-7-	-3-2-	-4-4-2-2-	-1-	-	-	-												35.20
02-	66.1950-	160.0516-	2-	12-		0-406338-	08/27/76-	17-	16-12.9-	-	-		7.6-	45-		4-2-7-3-6-3-2-1-1-1-3-2-2-			-1-	-	-	-												3.60
02-	66.1541-	160.0816-	2-	12-		0-406339-	08/27/76-	17-	16-13.1-	-	-		7.4-	47-		4-2-7-4-6-3-2-1-1-1-3-2-2-			-1-	-	-	-												3.20
02-	66.1191-	160.1764-	2-	12-		0-406340-	08/27/76-	17-	16-12.5-	-	-		8.0-	55-		47-2-7-3-6-3-2-1-1-4-4-2-2-			-1-	-	-	-												7.00
02-	66.1075-	160.2441-	2-	12-		0-406341-	08/27/76-	17-	16-12.1-	-	-		7.9-	60-		49-2-7-5-6-3-2-2-1-3-4-2-2-			-1-	-	-	-												7.50
02-	66.0827-	160.2466-	2-	12-		0-406342-	08/27/76-	17-	16-12.1-	-	-		8.1-	47-		30-2-7-5-6-3-2-1-1-1-3-2-2-			-1-	-	-	-												7.90
02-	66.0805-	160.1691-	2-	12-		0-406343-	08/27/76-	17-	16-11.9-	-	-		8.1-	68-		56-2-7-3-6-3-2-1-1-1-4-2-2-			-1-	-	-	-												7.30
02-	66.0166-	160.0666-	2-	12-		0-406344-	08/27/76-	17-	16-14.1-	-	-		8.2-	72-		10-2-7-3-6-3-2-2-1-1-3-4-2-2-			-1-	-	-	-												4.70
02-	66.0233-	160.1710-	2-	12-		0-406345-	08/27/76-	17-	16-14.2-	-	-		7.9-	80-		4-2-7-3-6-3-2-2-1-4-4-2-2-			-1-	-	-	-												4.70
02-	66.0233-	160.3988-	2-	12-		0-406347-	08/27/76-	17-	15-11.4-	-	-		8.2-	44-		15-2-7-3-6-3-2-1-1-4-4-2-2-			-1-	-	-	-												2.90
02-	66.0666-	160.3736-	2-	12-		0-406348-	08/27/76-	17-	16-12.4-	-	-		7.7-	127-		15-2-7-5-6-3-2-1-1-4-4-3-2-			-1-	-	-	-												3.60
02-	66.1116-	160.4961-	2-	12-		0-406350-	08/27/76-	16-	16-12.7-	-	-		7.4-	71-		17-2-7-5-6-3-2-2-1-4-4-3-2-			-1-	-	-	-												14.40
02-	66.1166-	160.4076-	2-	12-		0-406351-	08/27/76-	18-	14-11.2-	-	-		8.1-	60-		23-2-7-5-6-3-2-2-1-4-4-4-2-			-1-	-	-	-												10.50
02-	66.1541-	160.4488-	2-	12-		0-406352-	08/27/76-	18-	15-12.4-	-	-		7.4-	74-		8-2-7-5-6-3-2-2-1-4-4-4-2-			-1-	-	-	-												4.70
02-	66.1475-	160.4966-	2-	12-		0-406353-	08/27/76-	18-	15-13.1-	-	-		8.1-	52-		8-2-7-5-6-3-2-1-1-4-4-4-2-			-1-	-	-	-												10.50
02-	66.1791-	160.4750-	2-	12-		0-406354-	08/27/76-	18-	15-12.2-	-	-		7.7-	63-		17-2-7-5-6-3-2-1-1-4-4-4-2-			-1-	-	-	-												6.60
02-	66.1983-	160.4276-	2-	12-		0-406355-	08/27/76-	18-	14-11.2-	-	-		7.4-	74-		21-2-7-3-6-3-2-2-1-4-4-3-2-			-1-	-	-	-												15.80
02-	66.2000-	160.4708-	2-	12-		0-406356-	08/27/76-	18-	14-11.4-	-	-		7.7-	50-		56-2-7-3-6-3-2-1-1-3-4-2-2-			-1-	-	-	-												29.50
02-	66.1538-	160.4909-	2-	12-		0-406357-	08/27/76-	18-	14-10.1-	-	-		7.4-	72-		75-2-7-5-6-3-2-1-1-3-4-2-2-			-1-	-	-	-												15.10
02-	66.1566-	160.1933-	2-	12-		0-406359-	08/27/76-	18-	15-11.4-	-	-		7.7-	37-		30-2-7-4-6-3-2-1-1-3-3-2-2-			-1-	-	-	-												9.40
02-	66.0325-	162.0900-	2-	12-		0-406360-	08/28/76-	15-	12-12.2-	-	-		7.2-	110-		4-2-7-5-6-2-3-1-1-4-4-2-2-			-1-	-	-	-												9.20
02-	66.0494-	162.1983-	2-	12-		0-406362-	08/28/76-	15-	12-11.2-	-	-		8.2-	130-		10-2-7-5-6-3-2-1-1-3-4-2-2-			-1-	-	-	-												6.00
02-	66.0233-	162.2200-	2-	12-		0-406363-	08/28/76-	15-	12-11.4-	-	-		7.6-	114-		2-3-7-5-6-2-2-1-1-4-4-2-2-			-1-	-	-	-												4.20
02-	66.0222-	162.2358-	2-	12-		0-406364-	08/28/76-	15-	12-10.9-	-	-		7.7-	114-		4-2-7-5-6-2-2-2-1-1-3-3-2-2-			-1-	-	-	-												3.80
02-	66.0483-	162.1826-	2-	13-		0-406366-	08/28/76-	15-	12-16.8-C-	-S-			8.0-	-		-2-7-6-6-	-3-2-	-4-4-2-2-	-1-	-	-	-												3.90
02-	66.0416-	162.2373-	2-	13-		0-406367-	08/28/76-	15-	12-16.2-	-S-			7.8-	947-		-2-7-5-6-	-3-2-	-4-4-2-2-	-1-	-	-	-												5.10
02-	66.0358-	162.2711-	2-	13-		0-406368-	08/28/76-	15-	12-16.0-	-S-			8.2-	1214-		-2-7-5-6-	-3-2-	-4-4-2-2-	-1-	-	-	-												3.70

APPENDIX D

CODE TO DATA LISTINGS

Appendix D-I

Explanation of Codes Used

Appendix D-II

Key to Sample Types

APPENDIX D-I

EXPLANATION OF CODES USED IN APPENDIXES B AND C

DOE SAMPLE NUMBER

STATE: A two-digit Federal Information Processing Standards (FIPS) code, designating the state from which each sample came. For the states being covered by the LASL, the code numbers are:

Alaska	= 02	New Mexico	= 35
Colorado	= 08	Wyoming	= 56
Montana	= 30		

LATITUDE AND LONGITUDE: Sample location, in degrees and decimal degrees to four places. Although generally much better, locational accuracy cannot be guaranteed closer than about 300 m (1000 ft).

DOE LAB: A Department of Energy (DOE) one-digit identifier designating the DOE laboratory responsible for taking the samples and data shown in the listings, as well as providing the analyses of the uranium and other elemental concentrations, if any. The LASL is designated by the numeral 2.

SAMPLE TYPE: A two-digit identifier which specifically designates the pertinent properties defining the sample type to which the listed data relate. For explanation of the code used, refer to the attached "Key to Sample Types," Appendix D-II.

REPLICATE: A three-digit sequential number assigned to indicate a multiple sample of a single sample type from a single location. The largest number in use indicates the most recent sample taken, and there will always be smaller sequential numbers representing earlier samples back to 000, which is the initial sample from any given location. Except in the case of special studies, there will be no replicate samples and this entry will therefore be 000.

LASL SAMPLE LOCATION NUMBER AND FIELD DATA

LASL SAMPLE LOCATION NUMBER: A unique six-digit number permanently assigned by the LASL to every location sampled in each state. For internal use, these numbers are assigned in blocks to the various areas individually treated and reported upon, and therefore serve to generally locate the samples within the various states as follows.

Location Numbers		State
from	000 001 through 099 999	= New Mexico
from	100 001 through 199 999	= Colorado
from	200 001 through 299 999	= Wyoming
from	300 001 through 399 999	= Montana
from	400 001 and above	= Alaska

TIME SAMPLED: The DATE that the sample was taken, in terms of the number of the MONTH, followed by the DAY and finally the YEAR, separated by slashes, and then the TIME it was taken on that date to the nearest whole HOUR on a 24-hour clock.

AIR TEMPERATURE: The temperature that was measured in the shade at the time of sampling, to the nearest whole degree Celsius (°C).

WATER TEMPERATURE: The temperature that was measured in the sample water (in situ whenever possible) at the time of sampling, to the nearest one-tenth of a degree Celsius (0.1°C).

COMMENTS: A "C" in this column indicates that some secondary comment not included in the listing was recorded at the sample location. This information will be used by the LASL in evaluating the data, and if appropriate, it will be mentioned in the final report.

SPECIAL MEASUREMENTS: An "S" in this column indicates that one or more field measurements in addition to those listed were made at the sample location. A description of any special parameters measured and the measured value at each sample location will be included in the final HSSR report on the surrounding area. In the area of this report, dissolved oxygen was taken as a special measurement at most lakes and some few streams. These dissolved oxygen data are presented in Appendix E.

pH: The pH, to the nearest one-tenth (0.1) of a pH unit, that was measured in the water at the sample location at the time of sampling.

SPECIFIC CONDUCTANCE: The conductivity, in μmho/cm that was measured in the water at the sample location at the time of sampling.

SCINTILLOMETER: The equivalent uranium (eU), in ppm, as measured on a flat ground surface within 10 m of the sample location using a scintillometer fitted with a differential gamma sampler (DGS). The effect of the DGS is to introduce a fixed geometry into the measurement and remove the background.

ROCK TYPE: The single digit in this column provides a general description of the dominant lithologic regime at or near the sample location, as given below.

1 = Sedimentary	3 = Igneous
2 = Metamorphic	4 = Unknown

ROCK COLOR: The single digit in this column provides an indication of the observed dominant color of local bedrock exposures at or near the sample location, as given below.

1 = White/Buff	4 = Pink/Red	7 = Gray
2 = Yellow	5 = Green	8 = Black
3 = Orange	6 = Brown	9 = Other

SEDIMENT TYPE: The single digit in this column provides a subjective evaluation of the dominant sediment type at the sample location, as given below.

1 = Boulders	4 = Sand	7 = Other
2 = Cobbles	5 = Mud	
3 = Gravel	6 = Muck	

SEDIMENT COLOR: The single digit in this column indicates the observed dominant color of the bottom sediment (stream channel, lake bed, etc.) at the sample location at the time of sampling, as given below.

1 = White/Buff	4 = Pink/Red	7 = Gray
2 = Yellow	5 = Green	8 = Black
3 = Orange	6 = Brown	9 = Other

WATER FLOW: The single digit in this column provides a subjective evaluation of the water movement at the sample location at the time of sampling, as given below.

1 = Stagnant	3 = Moderate	5 = Torrent
2 = Slow	4 = Fast	

WATER LEVEL: The single digit in this column provides a subjective estimate of water quantity at the time of sampling, relative to its usual condition at the sample location, as given below.

1 = Dry	3 = Normal	5 Flood
2 = Low	4 = High	

WATER COLOR: The single digit in this column provides a subjective evaluation of suspended load in the sample water as, given below.

1 = Clear	3 = Cloudy	5 = Algal
2 = Murky	4 = Muddy	6 = Other

STREAM CHANNEL: The single digit here gives a subjective evaluation of stream channel character at the sample location at the time of sampling, as given below.

1 = Depositing	2 = Eroding	3 = Unknown

VEGETATION TYPE: The single digit in this column provides a subjective evaluation of the dominant plant type in the vicinity of the sample location, as given below.

1 = Conifers	4 = Grass	7 = Other
2 = Deciduous	5 = Moss	
3 = Brush	6 = Marsh	

VEGETATION DENSITY: The single digit in this column provides a subjective estimate of the amount of plant cover in the vicinity of the sample location, as given below.

1 = Barren	3 = Moderate	5 = Very Dense
2 = Sparse	4 = Dense	

RELIEF: The single digit in this column provides a subjective evaluation of the topography within a few hundred meters of the sample location, as given below.

1 = Flat	3 = Gentle (15-60 m)	5 = High (>300 m)
2 = Low (<15 m)	4 = Moderate (60-300 m)	6 = Other

WEATHER: The single digit in this column gives the observed climatic condition at the sample location at the time of sampling, as given below.

1 = Clear	3 = Overcast	5 = Snowy
2 = Partly cloudy	4 = Rainy	6 = Other

OWNERSHIP: When shown, the single digit here gives a broad classification of administrative responsibility or general ownership of the land at the sample location, as given below.

1 = Federal	3 = Private	5 = Other
2 = State	4 = Indian	

CONTAMINANTS: The single digit here indicates known or suspected local factors likely to influence analytical results, as given below.

1 = None	4 = Industry	7 = Urban
2 = Mining	5 = Sewage	8 = Recreation
3 = Agriculture	6 = Power generation	9 = Other

WELL TYPE: If a well water sample, the single digit in this column provides a general description of the type of well from which the sample was taken as given below.

1 = Windmill-stock	4 = Suction pump	7 = Hand bail
2 = Windmill-domestic	5 = Jet pump	8 = Unknown
3 = Submersible pump	6 = Large turbine	9 = Other

WELL DIAMETER: When shown, the one or two digits in this column give the measured or estimated inside diameter, in inches, of the well casing from which the water sample came.

WELL DEPTH: When shown, the one, two, or three digits in this column give the total drilled depth from the surface, in feet, of the well from which the sample came. Three 9s in this column indicates a well depth greater than 1000 ft.

WATER DEPTH: When shown, the one, two, or three digits in this column give the known depth, in feet, from the surface to the standing water in the well. A -1 in this column indicates a flowing artesian well.

URANIUM CONCENTRATION: The value given in this column is the analytically derived value of the uranium concentration found in the water sample in ppb, or in the sediment sample in ppm. Sample Types No. 1 through 10 and 21 through 30 are water samples, with their uranium concentrations given in ppb, while Sample Types No. 11 through 20 and 31 through 40 are sediment samples, with their uranium concentration given in ppm.

APPENDIX D-II

KEY TO SAMPLE TYPES

This numerical key provides the necessary tie between the specific type or form of each sample taken and each individual suite of field and laboratory data to which the sample relates. It defines the various sample types collected by the LASL in the DOE HSSR for uranium.

The two-digit key number assigned to each sample type designates three distinct properties of the samples taken. These properties are: (a) The general sample source (spring or stream or dry stream, etc.); (b) The sample medium (water or sediment, etc.); and (c) The treatment given the sample in the field or laboratory prior to its analysis by the LASL.

The key numbers are inserted in the appropriate columns of the specially formatted DOE sample numbering system to positively identify the sample type for all LASL sample data submitted.

KEY NO. — SOURCE / MEDIUM / TREATMENT

12 - Wet stream sediment sample dried at $\leq$ 100°C and sieved to -100 mesh through stainless steel sieves.

13 - Wet natural lake sediment sample dried at $\leq$ 100°C and sieved to -100 mesh through stainless steel sieves.

15 - Dry stream sediment sample dried at $\leq$ 100°C (if necessary) and sieved to -100 mesh through stainless steel sieves.

27 - Stream water sample acidified to a pH of $\leq$1 with reagent-grade nitric acid (HNO_3).

29 - Natural lake water sample acidified to a pH of $\leq$ 1 with reagent-grade nitric acid (HNO_3).

APPENDIX E

LISTING OF DISSOLVED OXYGEN IN WATERS OF THE NORTHERN SEWARD PENINSULA AND VICINITY, ALASKA

APPENDIX E

Listing of Dissolved Oxygen in Waters of the Northern Seward Peninsula and Vicinity, Alaska

LASL Location Number	Dissolved Oxygen (ppm)	LASL Location Number	Dissolved Oxygen (ppm)	LASL Location Number	Dissolved Oxygen (ppm)	LASL Location Number	Dissolved Oxygen (ppm)	LASL Location Number	Dissolved Oxygen (ppm)	LASL Location Number	Dissolved Oxygen (ppm)
2600	11.5	2685	11.1	2848	11.8	2978	12.4	3035	11.6	3992	11.4
2603	10.4	2686	10.7	2949	11.8	2983	12.6	3036	11.8	3993	11.7
2616	11.2	2687	11.3	2850	11.5	2984	12.9	3037	11.9	3994	8.7
2617	11.6	2688	11.1	2851	11.8	2985	11.6	3038	11.4	3996	10.0
2618	10.9	2689	10.6	2852	12.2	2986	12.3	3039	11.4	3997	10.3
2639	11.2	2785	11.6	2853	12.7	2988	12.4	3040	12.0	4430	11.9
2654	10.7	2788	11.4	2854	12.3	2989	12.2	3041	11.9	4431	11.4
2655	10.8	2789	11.6	2855	12.0	2990	12.2	3042	11.5	4432	11.1
2656	11.6	2792	11.6	2858	12.8	2991	11.6	3043	11.6	4433	11.2
2657	11.7	2793	11.5	2859	12.0	2992	12.3	3044	10.6	4434	12.5
2658	11.4	2794	11.3	2860	12.8	2993	11.5	3045	11.8	4435	12.3
2659	10.5	2795	11.4	2861	12.0	2994	11.6	3046	10.9	4436	11.5
2660	11.7	2798	11.6	2862	12.1	3011	11.4	3047	10.2	4437	11.0
2661	11.4	2799	11.3	2864	12.1	3012	11.6	3048	11.6	4438	9.7
2662	11.8	2800	11.7	2865	6.9	3013	11.6	3049	11.8	4439	11.2
2663	11.3	2811	11.2	2866	12.8	3014	10.6	3050	10.3	4441	9.8
2664	11.6	2813	12.4	2867	12.0	3015	11.4	3051	12.5	4442	9.5
2665	11.5	2818	11.8	2868	11.9	3016	11.6	3052	11.2	4443	10.1
2666	11.2	2823	11.1	2969	12.0	3017	12..	3054	10.5	4445	10.5
2667	11.4	2827	10.8	2870	11.8	3018	11.4	3057	9.1	4446	10.0
2669	11.4	2828	11.5	2871	11.6	3019	11.1	3060	12.1	4447	9.6
2670	11.3	2829	11.4	2872	12.0	3020	11.3	3061	9.3	4448	8.8
2671	11.3	2830	11.2	2873	11.3	3021	11.4	3062	11.4	4449	3.5
2672	11.4	2835	12.0	2874	11.5	3022	11.8	3063	11.6	4450	3.7
2673	11.4	2836	11.8	2875	11.2	3033	11.6	3064	11.3	4457	8.5
2674	11.1	2837	11.1	2957	12.0	3034	11.6	3065	11.5	4458	9.8
2675	11.4	2838	11.7	2958	12.1	3035	11.7	3067	10.8	4459	9.8
2676	11.6	2839	11.6	2959	12.3	3036	11.4	3068	11.2	4460	9.5
2677	11.5	2840	11.1	2960	11.9	3037	11.8	3069	6.8	4465	10.8
2678	11.2	2841	12.6	2963	11.7	3038	11.7	3974	9.6	4466	10.0
2679	11.3	2842	12.2	2967	11.9	3039	10.7	3976	9.1	4467	10.9
2680	11.7	2843	12.0	2972	12.2	3030	11.9	3977	9.2	4468	11.0
2681	10.9	2844	11.2	2974	12.1	3031	11.7	3986	11.3	4469	10.9
2682	11.3	2845	11.6	2975	12.0	3032	11.5	3988	9.7	4470	11.1
2683	11.2	2846	11.8	2976	12.5	3033	12.5	3989	9.7	4472	9.8
2684	10.7	2847	12.1	2977	12.6	3034	11.4	3990	9.6	4473	8.0

* Denotes stream locations; all others are lakes or ponds.

Listing of Dissolved Oxygen in Waters of the Northern Seward Peninsula and Vicinity, Alaska

LASL Location Number	Dissolved Oxygen (ppm)	LASL Location Number	Dissolved Oxygen (ppm)	LASL Location Number	Dissolved Oxygen (ppm)	LASL Location Number	Dissolved Oxygen (ppm)	LASL Location Number	Dissolved Oxygen (ppm)	LASL Location Number	Dissolved Oxygen (ppm)
4474	10.6	4552	11.5	5073	10.9	5145	11.0	5181	9.7	5217	10.7
4475	10.8	4554	11.4	5074	11.4	5146	12.4	5182	9.5	5218	11.5
4476	10.1	4555	10.6	5075	11.1	5147	11.3	5183	10.3	5219	11.5
4477	10.6	4556	9.8	5076	10.4	5148	11.4	5184	10.4	5220	11.8
4480	11.0	4557	10.0	5077	10.9	5149	10.9	5185	10.2	5221	11.6
4481	10.0	4558	9.9	5078	10.4	5150	10.8	5186	10.3	5222	10.5
4482	9.9	4559	10.1	5079	11.3	5151	11.0	5187	10.1	5223	10.4
4483	9.9	4560	12.1	5080	11.4	5152	10.7	5188	11.3	5224	11.0
4484	10.0	4561	12.1	5081	10.1	5153*	10.7	5189	11.4	5225	10.9
4485	10.0	4562	10.9	5082	12.0	5154*	10.5	5190	10.6	5226	10.7
4505	9.7	4563	10.1	5083	11.6	5155	10.7	5191	10.7	5227	10.5
4506	9.7	4564	11.3	5084	10.8	5156	9.6	5192	11.1	5228	10.2
4507	10.3	4565	11.7	5085	10.6	5157	9.6	5193	12.0	5229	10.2
4508	10.1	4566	12.7	5086	11.2	5158	10.1	5194	12.0	5230	10.6
4509	10.4	4568	11.2	5087	9.7	5159	9.9	5195	10.4	5231	10.6
4510	10.4	4574	9.6	5088	11.8	5160	9.7	5196	10.5	5232	10.7
4511	9.3	4575	10.5	5089	10.6	5161	10.0	5197	10.8	5233	10.6
4512	9.7	4622	10.8	5095	10.2	5162	10.7	5198	10.3	5234	10.7
4513	9.5	5055	10.5	5099	11.1	5163	10.5	5199	10.6	5235	10.8
4514	9.3	5056	10.4	5100	11.8	5164	10.4	5200	10.6	5236	8.3
4515	10.8	5057	10.1	5102*	11.5	5165	10.2	5201	10.4	5237	8.7
4516	9.8	5058	11.9	5104	8.9	5166	10.2	5202	10.5	5238	10.1
4517	11.0	5059	10.4	5105	9.8	5167	10.3	5203	11.5	5239	10.1
4518	9.6	5060	10.4	5106	11.1	5168	10.4	5204	11.5	5242	10.1
4519	9.4	5061	10.5	5107	9.3	5169	10.3	5205	10.5	5243	9.5
4520	8.8	5062	10.2	5128	10.3	5170	9.0	5206	10.2	5244	9.8
4521	10.4	5063	11.9	5129	10.7	5171	9.0	5207	10.2	5245	10.6
4522	3.6	5064	10.4	5133	11.4	5172	10.4	5208	10.1	5246	11.5
4523	9.9	5065	10.1	5134	10.9	5173	10.4	5209	10.2	5247	9.8
4524	11.5	5066	9.2	5135	12.0	5174	10.8	5210	11.0	5248	9.5
4525	9.9	5067	10.8	5138	11.0	5175	10.3	5211	10.9	5249	10.1
4526	6.7	5068	10.7	5139	11.6	5176	10.3	5212	9.9	5250	9.6
4527	11.3	5069	8.1	5140	11.1	5177	10.9	5213	9.8	5251	8.9
4528	7.9	5070	11.1	5141	12.7	5178	10.3	5214	9.9	5252	7.6
4529	7.8	5071	10.6	5142	11.6	5179	10.4	5215	9.7	5253	10.1
4551	11.4	5072	10.8	5144	11.6	5180	10.8	5216	10.7	5254	9.1

* Denotes stream location; all others are lakes or ponds.

APPENDIX E (continued)

Listing of Dissolved Oxygen in Waters of the Northern Seward Peninsula and Vicinity, Alaska

LASL Location Number	Dissolved Oxygen (ppm)	LASL Location Number	Dissolved Oxygen (ppm)	LASL Location Number	Dissolved Oxygen (ppm)	LASL Location Number	Dissolved Oxygen (ppm)	LASL Location Number	Dissolved Oxygen (ppm)	LASL Location Number	Dissolved Oxygen (ppm)
5255	11.1	5329	10.5	5405	10.4	5443	8.2	5479	7.5	5527	8.1
5256	9.7	5330	9.7	5406	7.9	5444	9.4	5480	10.6	5531	9.3
5257	10.1	5331	6.9	5407	11.3	5445	9.6	5481	11.0	5532	10.1
5258	11.9	5332	5.3	5408	8.3	5446	7.9	5482	10.4	5533	9.2
5259	10.9	5333	5.4	5409	7.1	5447	8.3	5483	10.7	5534	8.4
5260	9.6	5334	7.6	5410	11.3	5448	8.1	5484	9.0	5535	9.7
5261	11.1	5335	8.7	5411	8.2	5449	8.0	5485	9.2	5536	8.2
5262	9.8	5336	10.3	5412	8.5	5450	8.4	5486	7.6	5537	7.8
5268	10.1	5337	10.2	5413	9.1	5451	8.3	5487	8.0	5538	8.3
5269	11.1	5338	10.5	5414	9.2	5452	4.9	5488	8.0	5539	7.6
5270	11.5	5345	10.5	5415	9.4	5453	5.6	5489	7.4	5540	8.0
5271	10.1	5346	10.2	5416	9.4	5454	9.8	5490	7.7	5541	8.2
5272	9.9	5347	9.1	5417	9.6	5455	10.2	5494	9.7	5542	7.9
5274	9.2	5348	8.6	5418	9.0	5456	9.9	5495	9.9	5543	7.1
5276	9.8	5349	5.8	5419	8.8	5457	10.0	5496	9.2	5544	6.9
5277	10.4	5350	10.8	5420	10.1	5458	8.3	5497	4.6	5545	7.3
5278	10.2	5351	8.2	5421	10.0	5459	9.0	5498	4.0	5546	6.9
5295*	10.8	5359	8.0	5422	7.2	5460	9.0	5502	5.5	5548	8.0
5296	11.2	5374	8.1	5423	7.0	5461	8.3	5503	5.3	5549	6.4
5297	11.4	5375	7.9	5424	9.0	5462	8.0	5504	5.6	5550	8.2
5298	10.8	5376	5.5	5425	9.2	5463	8.5	5505	9.6	5551	7.6
5299	10.1	5377	9.2	5428	10.2	5464	8.8	5506	10.0	5552	7.8
5315	5.5	5378	8.7	5429	11.1	5465	8.2	5510	7.9	5553	7.2
5316	5.0	5379	8.5	5430	6.2	5466	7.7	5511	8.0	5554	6.4
5317	7.6	5380	7.9	5431	7.4	5467	8.0	5512	7.7	5555	6.4
5318	11.5	5381	8.8	5432	8.8	5468	7.9	5513	8.3	5556	6.3
5319	11.2	5382	8.9	5433	9.0	5469	7.3	5514	8.0	5557	7.8
5320	11.4	5383	9.6	5434	10.2	5470	7.9	5515	8.2	5558	8.1
5321	8.0	5384	8.0	5435	9.9	5471*	7.2	5516	8.0	5559	7.7
5322	7.5	5385	7.9	5436	7.3	5472*	7.0	5517	8.2	5560	7.9
5323	8.9	5386	7.9	5437	7.9	5473	7.4	5518	7.8	5565	7.9
5324	8.9	5387	5.0	5438	9.1	5474	7.9	5519	11.4	5566	8.5
5325	11.5	5388	9.1	5439	8.8	5475	6.9	5520	11.3	5567	9.4
5326	10.0	5389	6.1	5440	8.2	5476	9.4	5521	11.0	5568	8.3
5327	6.5	5390	9.1	5441	8.0	5477	9.0	5525	7.6	5569	8.7
5328	9.2	5392	8.3	5442	7.9	5478	9.3	5526	8.1	5570	8.2

* Denotes stream location; all others are lakes or ponds.

APPENDIX E (continued)

Listing of Dissolved Oxygen in Waters of the Northern Seward Peninsula and Vicinity, Alaska

LASL Location Number	Dissolved Oxygen (ppm)	LASL Location Number	Dissolved Oxygen (ppm)	LASL Location Number	Dissolved Oxygen (ppm)	LASL Location Number	Dissolved Oxygen (ppm)	LASL Location Number	Dissolved Oxygen (ppm)	LASL Location Number	Dissolved Oxygen (ppm)
5571	8.8	6004	9.4	6027	8.0	6051*	9.9	6169	9.5	6275	5.6
5572	6.3	6005	9.6	6028	9.9	6052*	8.6	6170	10.1	6276	8.2
5573	8.4	6006	10.4	6029	7.8	6053*	7.4	6174	9.7	6301	5.0
5574	6.9	6007	9.8	6030	8.2	6060*	5.1	6196	6.7	6302	7.5
5575	8.1	6008	8.1	6031	9.6	6070*	10.1	6210	8.5	6303	7.6
5576	8.8	6009	9.1	6032	8.7	6079	7.1	6211	9.9	6304	3.3
5577	7.8	6010	8.8	6033	8.4	6080	6.4	6236	9.4	6305	4.1
5578	8.9	6011	8.7	6034	8.7	6081	7.3	6237	7.7	6306	6.1
5581	8.4	6012	7.7	6035	7.3	6082	6.6	6250	9.5	6307	8.6
5582	8.9	6013	7.8	6036	7.1	6083	7.3	6251	8.3	6314	8.3
5589	8.3	6014	9.3	6037	8.6	6084	7.5	6252	10.7	6315	8.5
5590	7.4	6015	7.5	6038	8.3	6085	6.8	6253	7.8	6316	4.0
5591	6.7	6016	8.2	6039	7.8	6086	6.2	6254	10.9	6317	9.0
5592	8.8	6017	7.8	6040	7.9	6087	8.3	6265	11.5	6318	8.8
5593	9.3	6018	10.2	6041	9.0	6088	8.2	6266	9.1	6319	10.3
5594	8.2	6019	8.7	6049*	7.4	6092	11.1	6267	8.4	6320	9.1
5597	8.0	6020	8.3	6042	10.3	6093	10.9	6268	5.5	6321	10.2
5598	6.8	6021	7.2	6043	7.3	6127	9.9	6269	9.2	6335	6.3
5599	8.9	6022	8.7	6044	7.5	6130	8.6	6270	8.4	6336	8.3
5600	9.1	6023	9.4	6045*	7.5	6149	9.7	6271	4.3	6337	8.9
6001	7.3	6024	9.9	6046*	8.5	6151	9.1	6272	7.6	6366	4.5
6002	9.2	6025	8.7	6047*	9.5	6167	9.9	6273	8.5	6367	6.7
6003	10.4	6026	7.1	6050*	7.4	6168	10.1	6274	5.5	6368	8.5

* Denotes stream location; all others are lakes or ponds.

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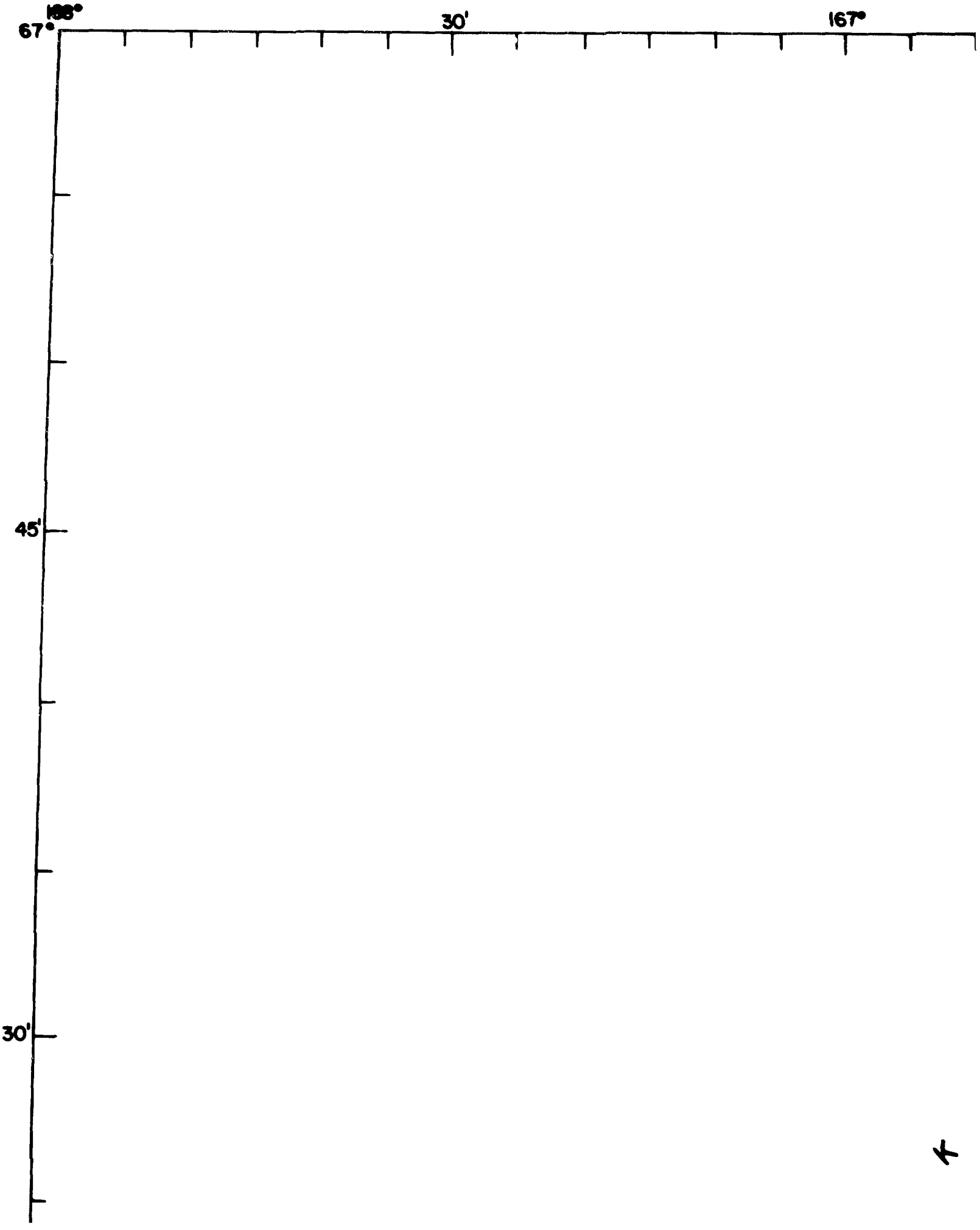
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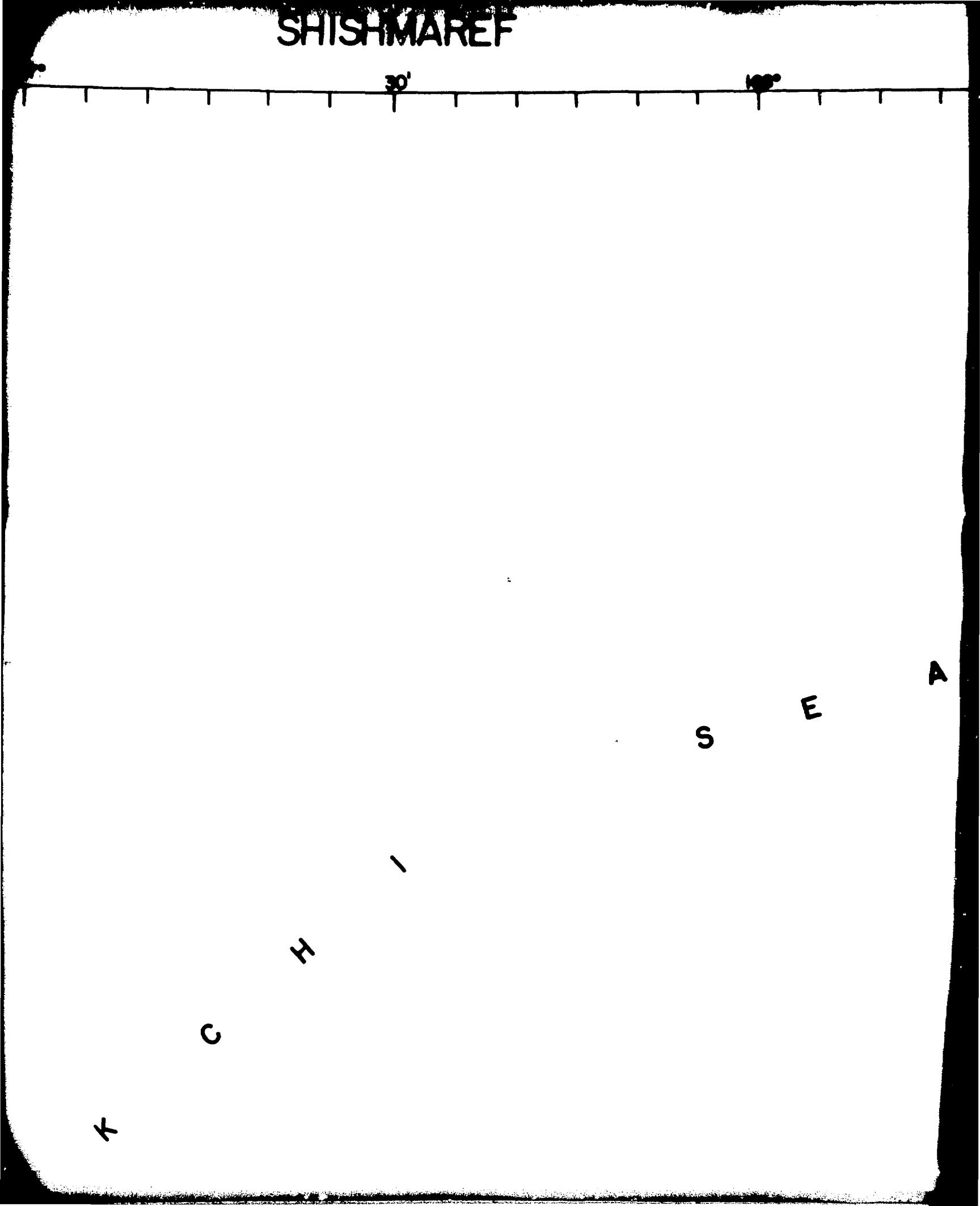
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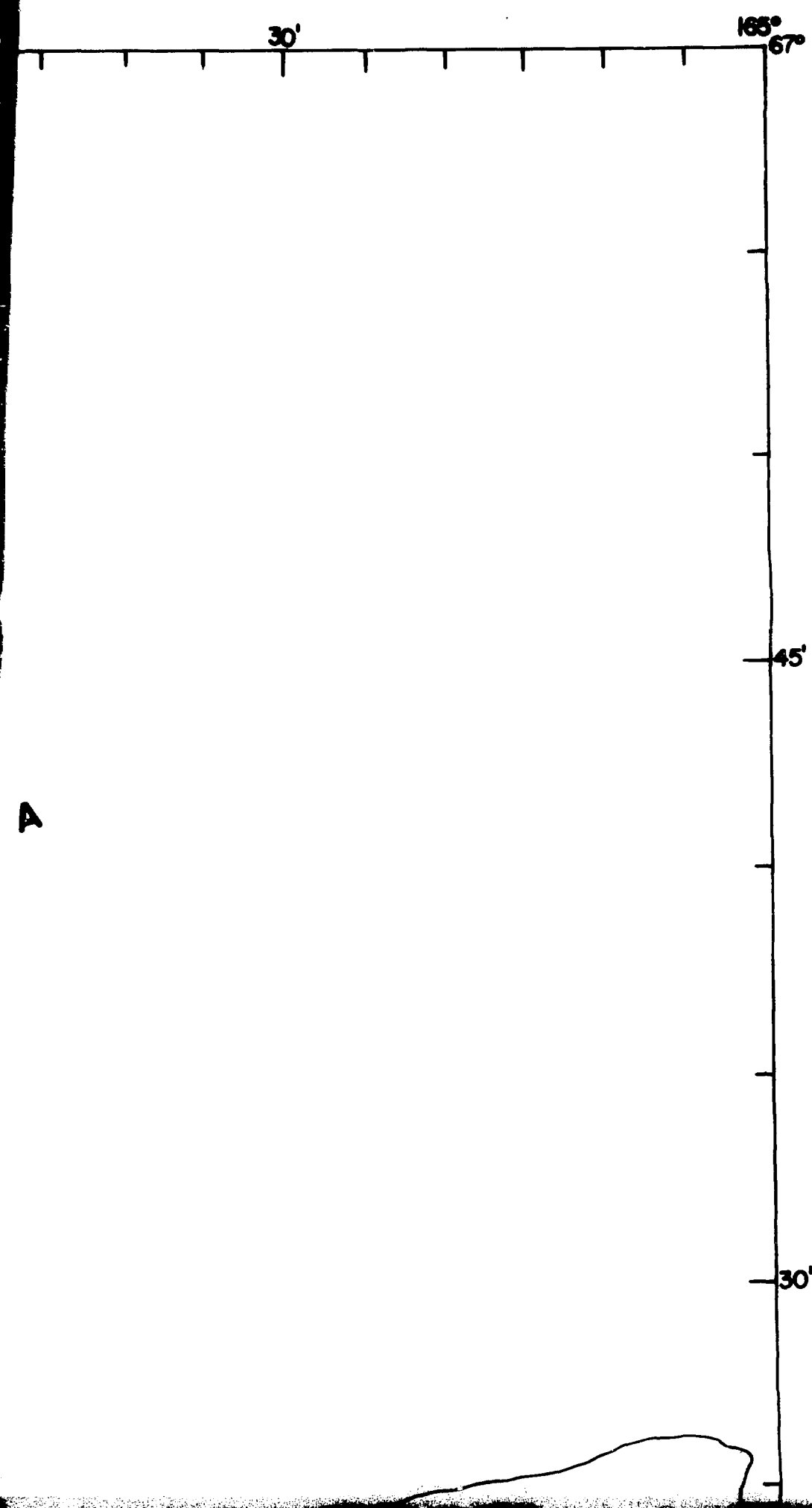
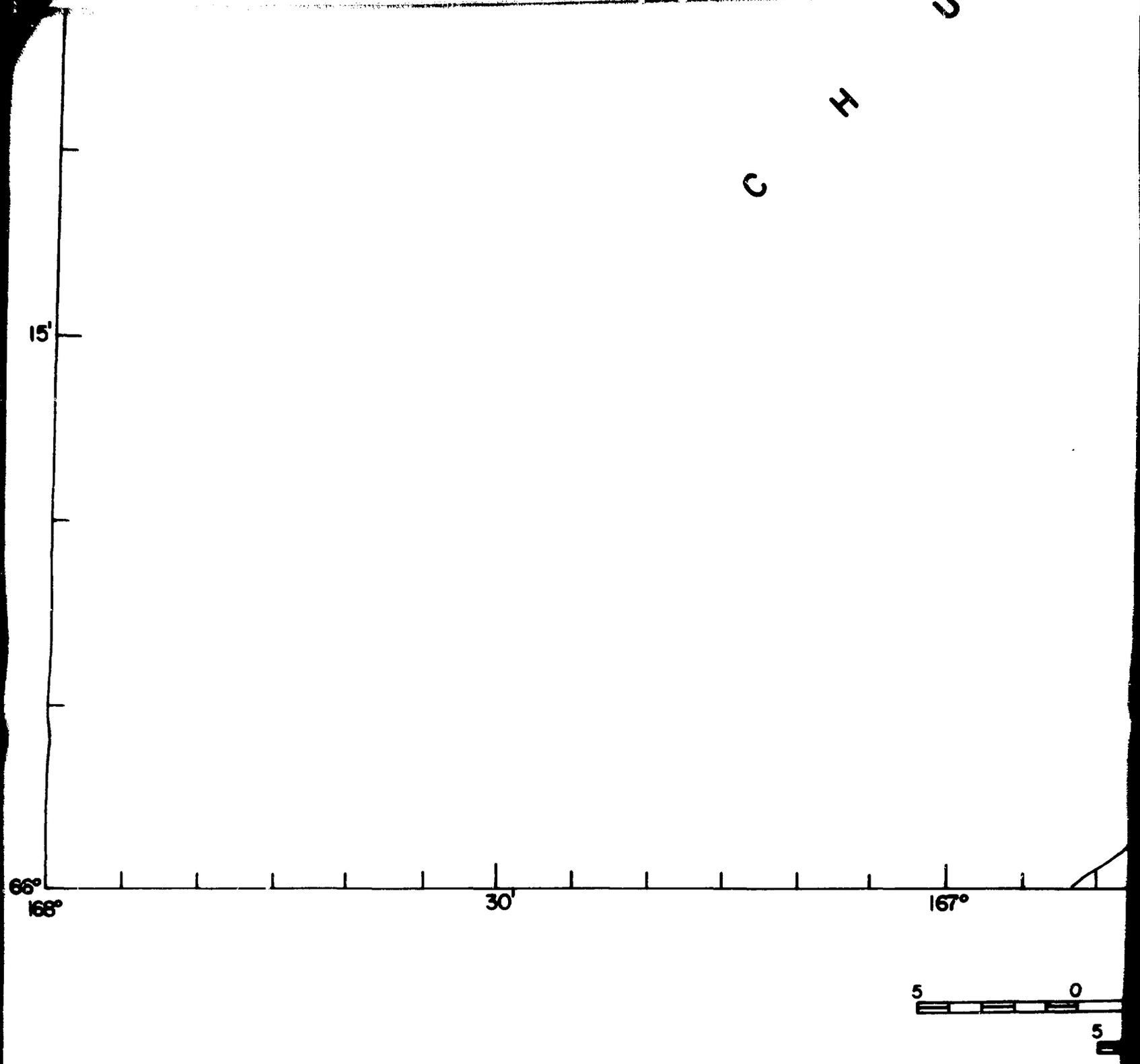
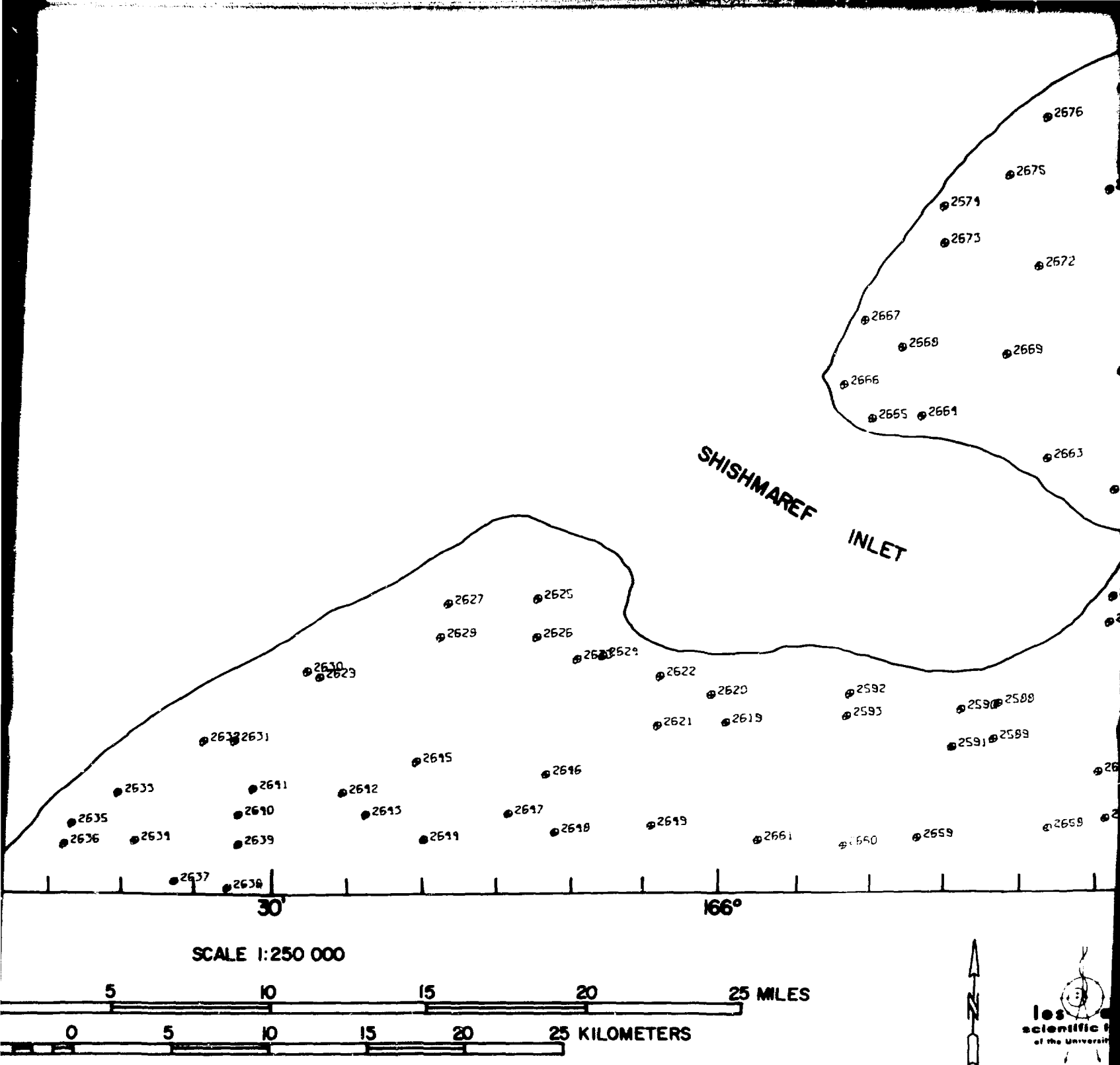




NURE HYDROGE

THE AREA



SCALE 1:250 000

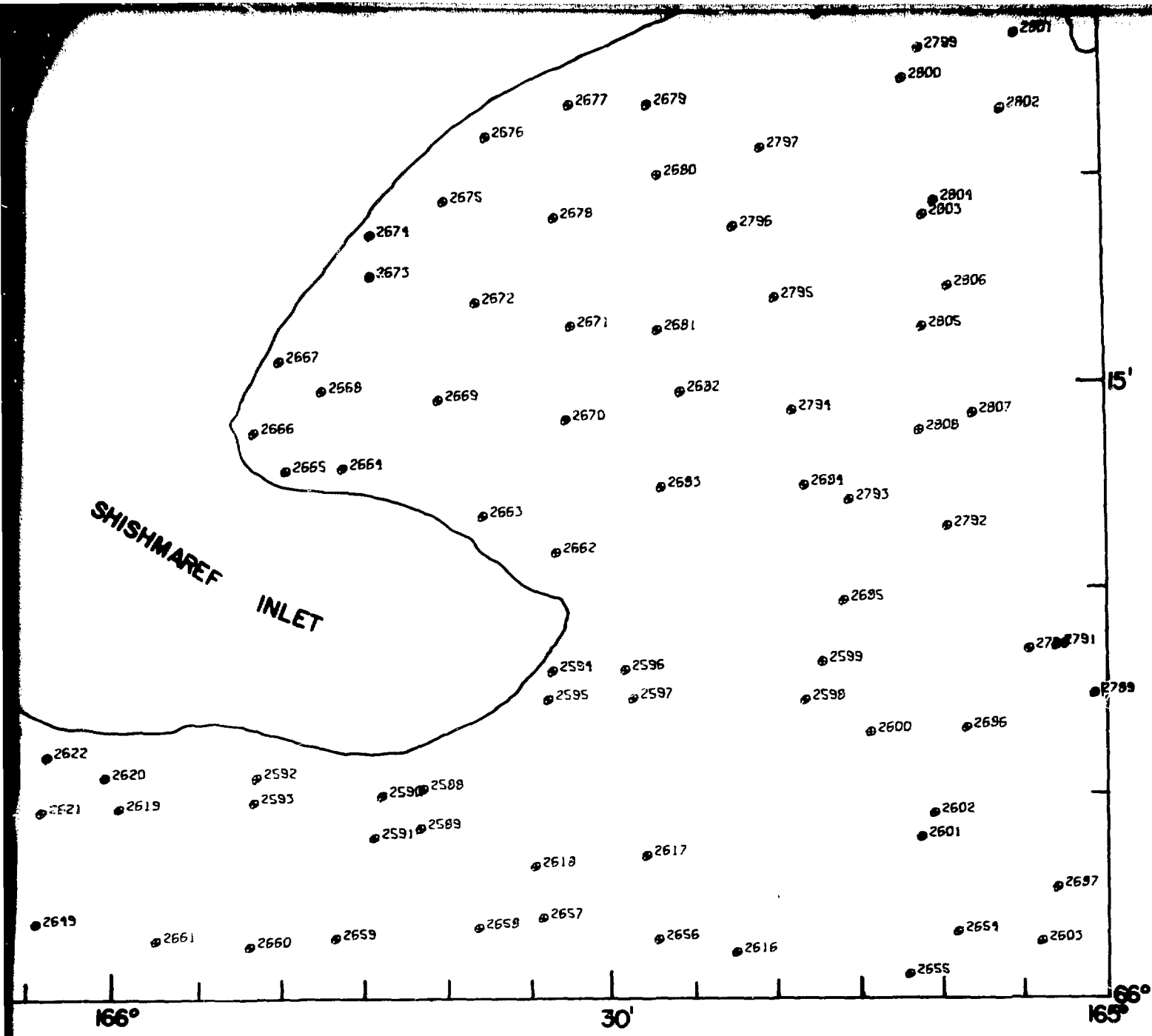
5 10 15 20 25 MILES

0 5 10 15 20 25 KILOMETERS

PLATE I

OCHEMICAL AND STREAM/LAKE SEDIMENT SAMPLE LOCATIONS IN

F THE SHISHMAREF QUADRANGLE EWARD PENINSULA, ALASKA



25 MILES

ETERS

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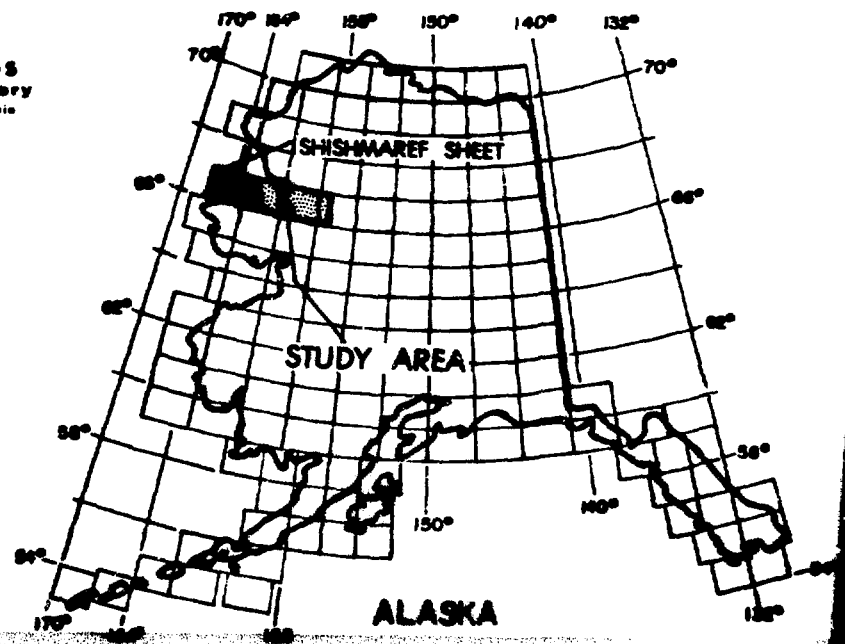
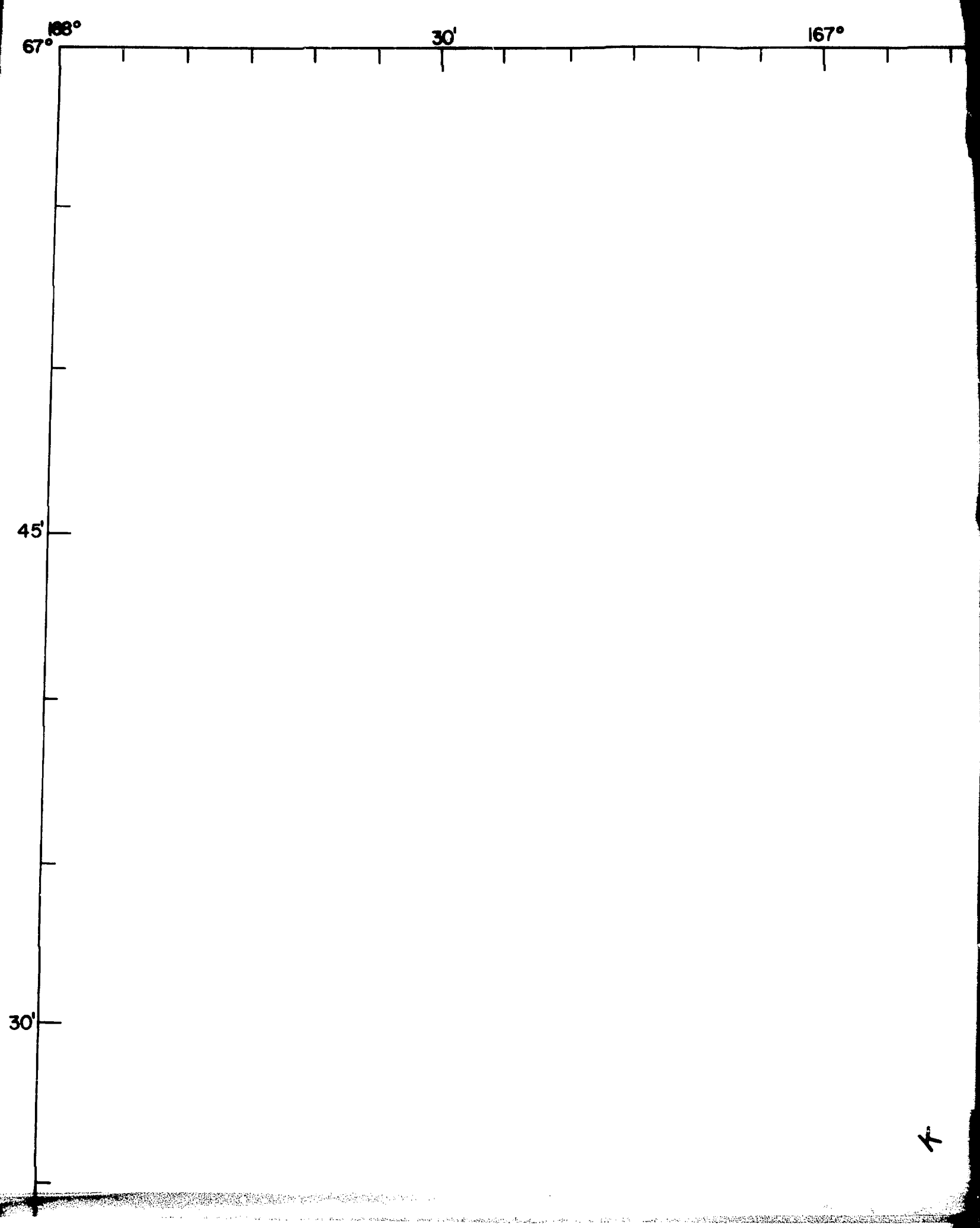


SEDIMENT

RANGLE


168°
67°
30'
167°
45'
30'

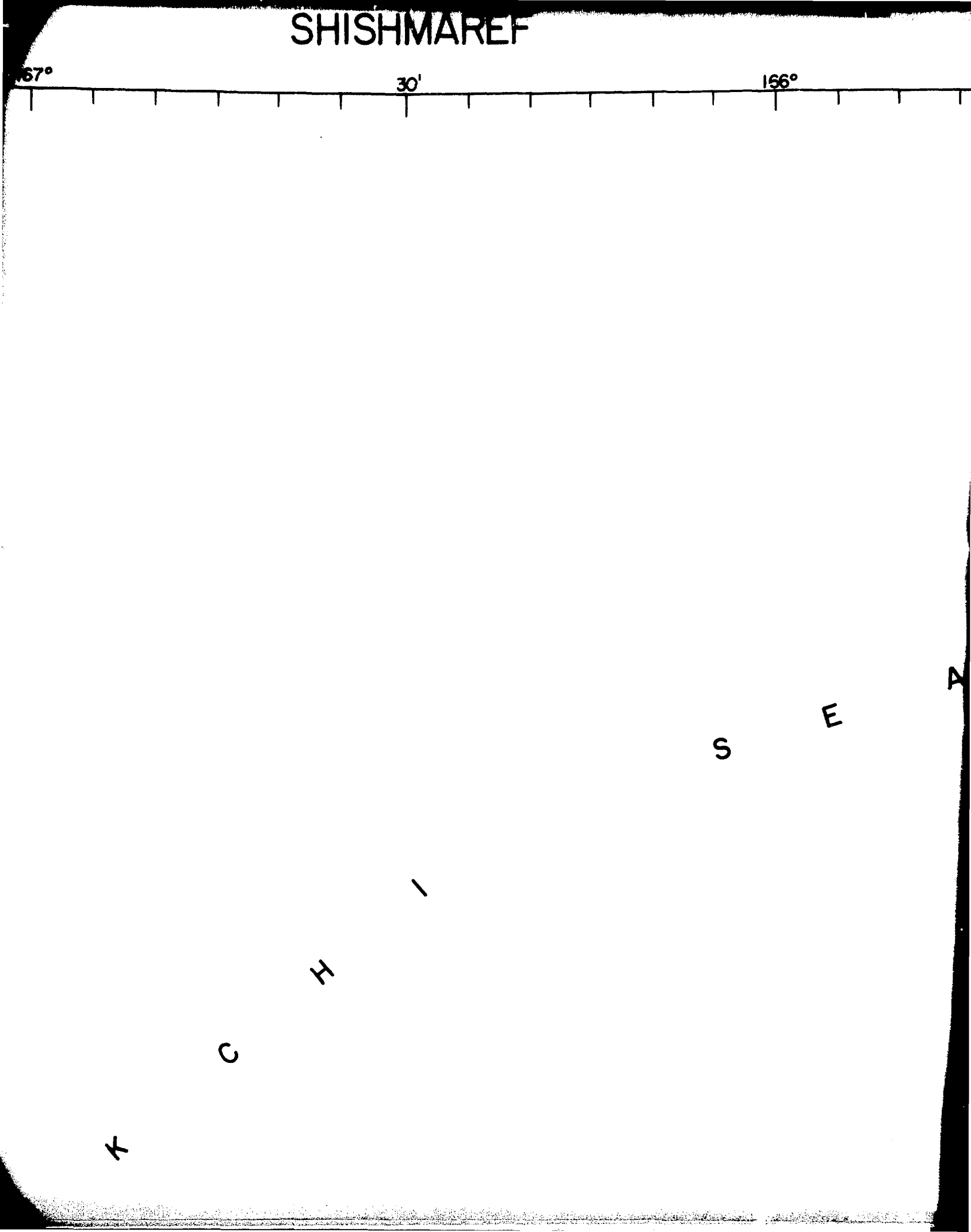
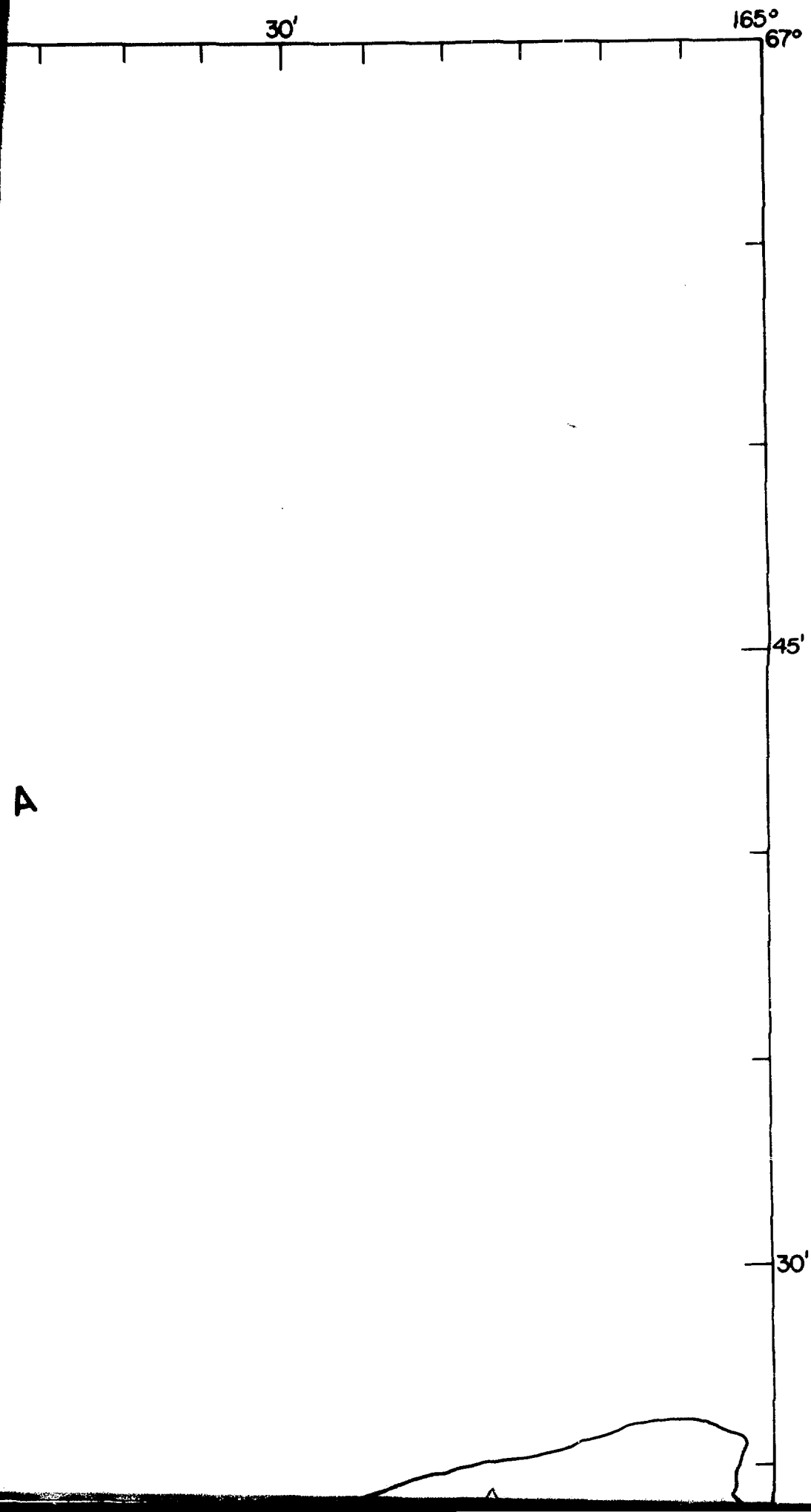
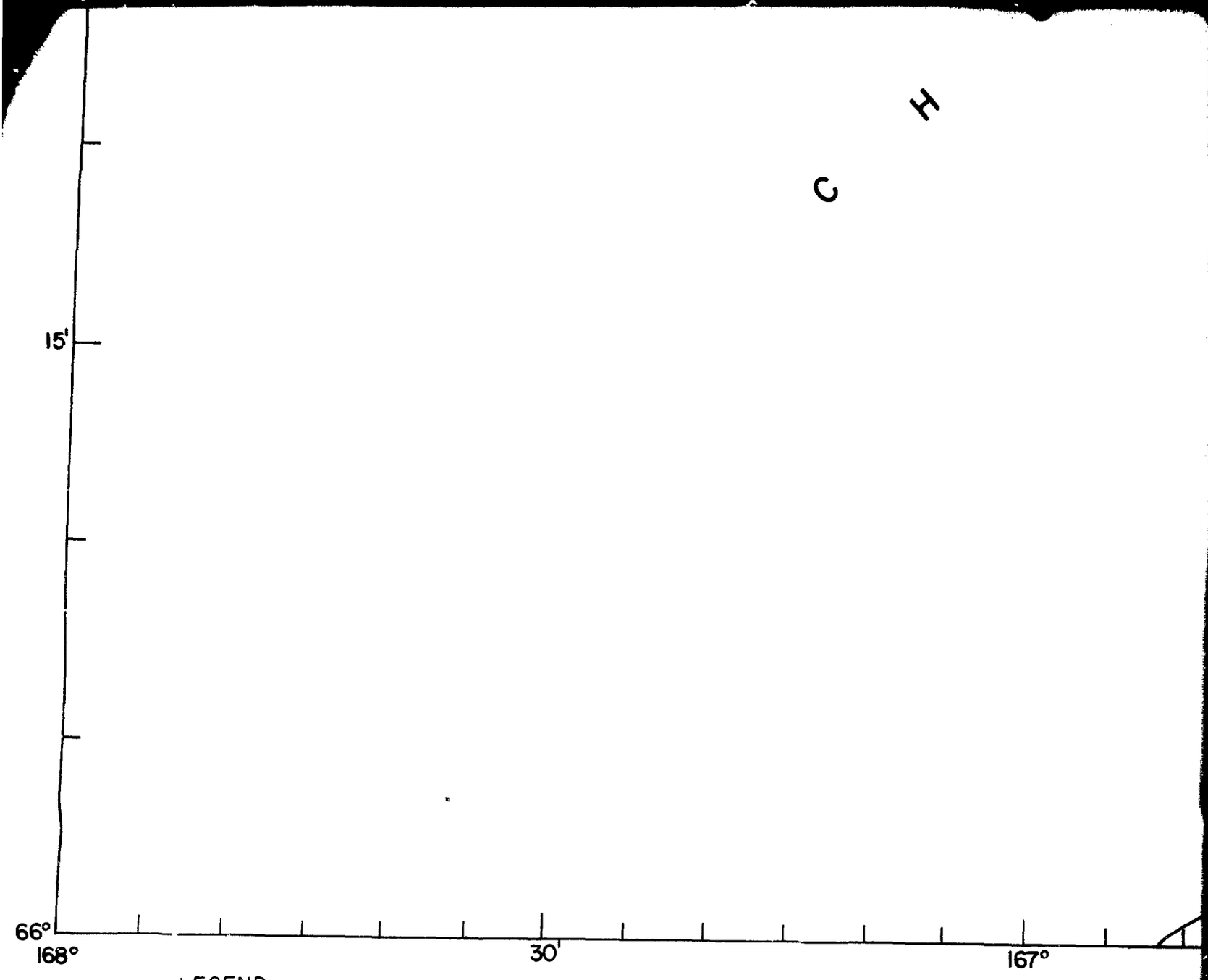

SHISHMAREF
167°
30'
166°
A
E
S
I
H
C
K

PLATE 1-A



A



LEGEND

NATURAL LAKE WATER	SURFACE STREAM WATER	U (ppb)
▲	▫	≤0.01
△	▢	>0.01–0.03
△	▢	0.04–0.15
△	▢	0.16–0.49
△	▢	0.50–0.99
△	▢	1.0 –1.99
△	▢	2.0 –2.99
△	▢	≥3.0

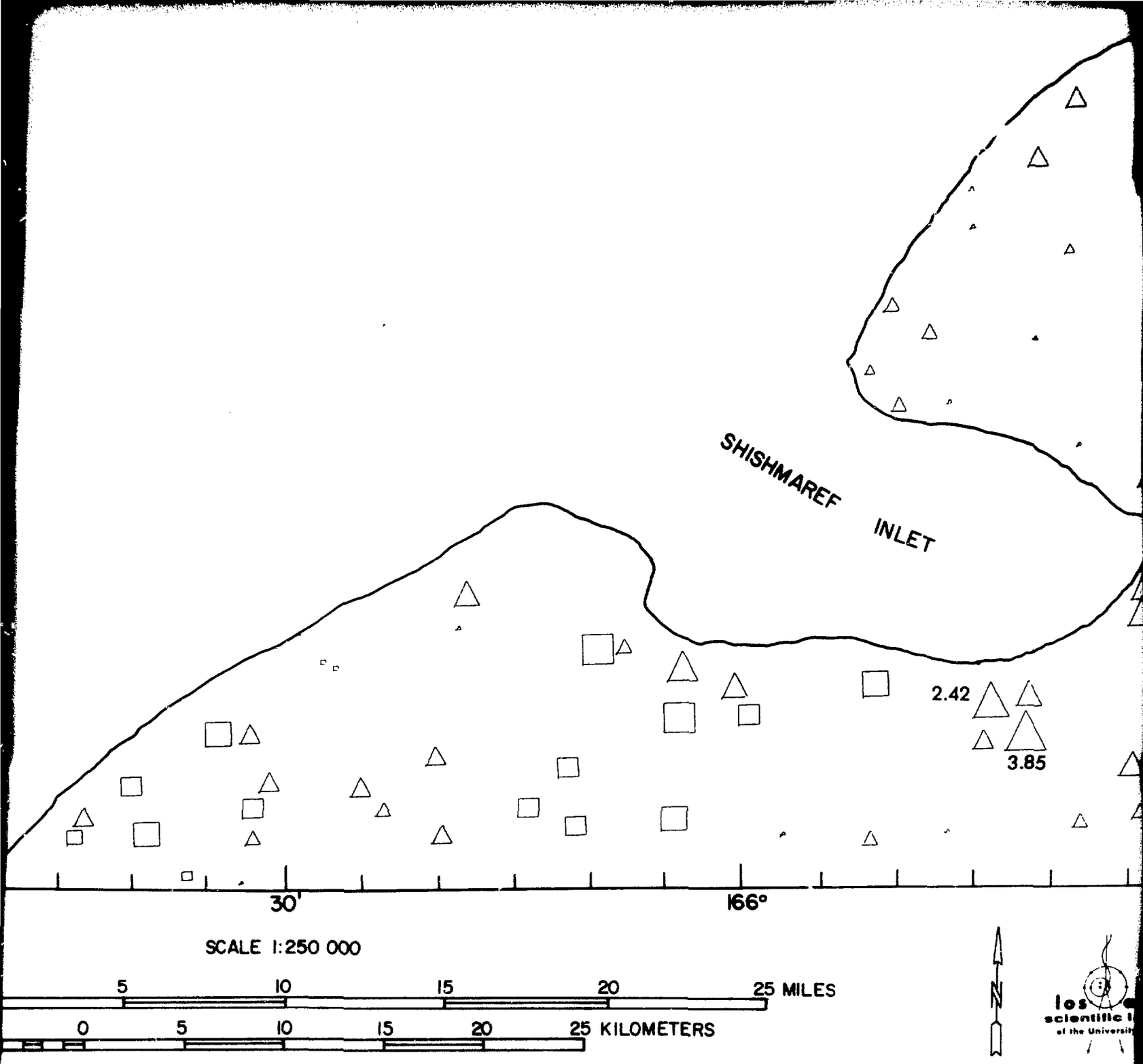
3.85 The numbers printed next to the symbols for the two largest concentration intervals are the measured uranium concentrations, in ppb, for those samples.

5 0

5

URANIU

THE AREA



SCALE 1:250 000

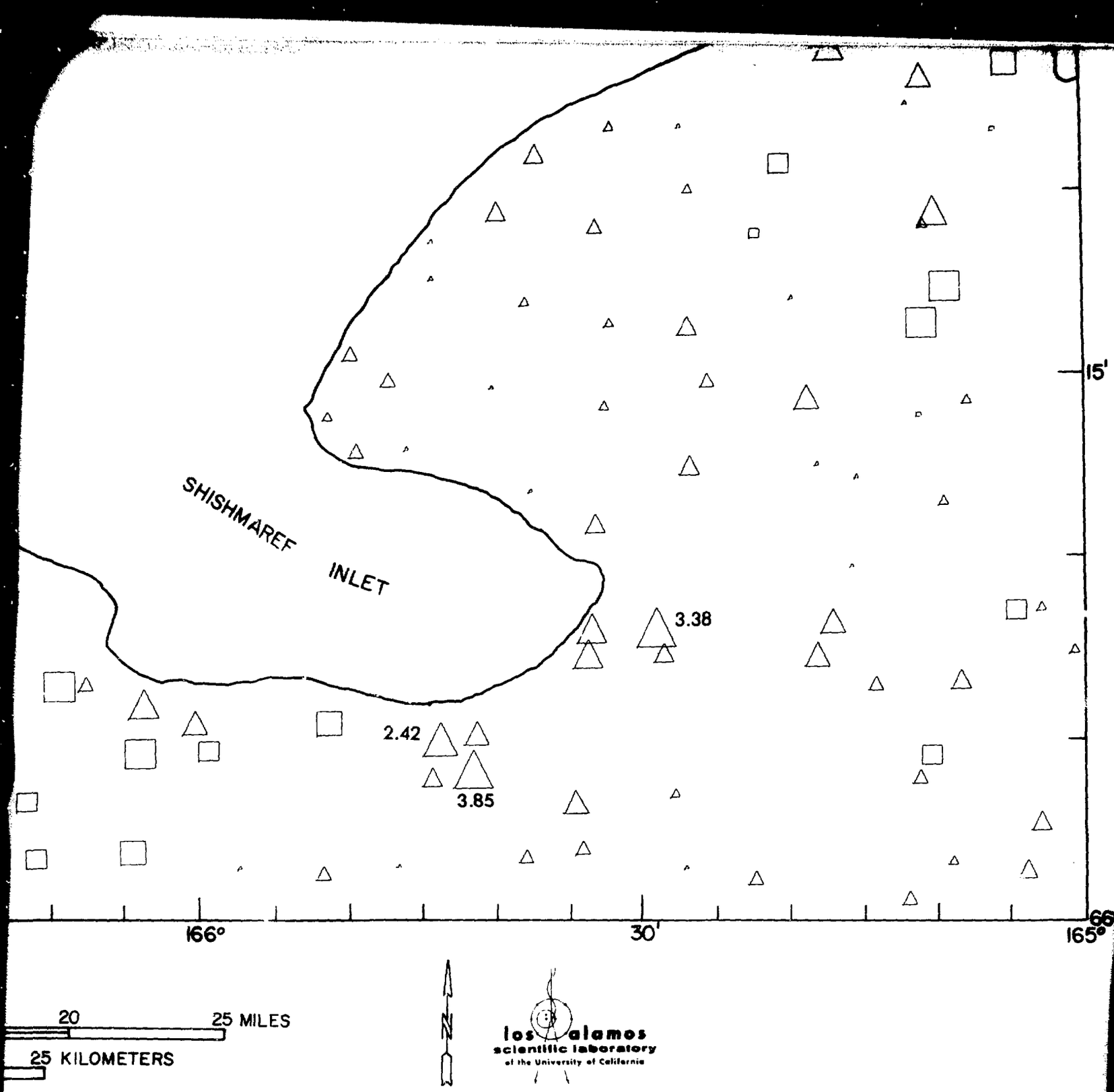
5 10 15 20 25 MILES

0 5 10 15 20 25 KILOMETERS

N

PLATE I-A

M CONCENTRATIONS (ppb) IN WATERS
IN
OF THE SHISHMAREF QUADRANGLE
SEWARD PENINSULA, ALASKA



20 25 MILES

25 KILOMETERS

N

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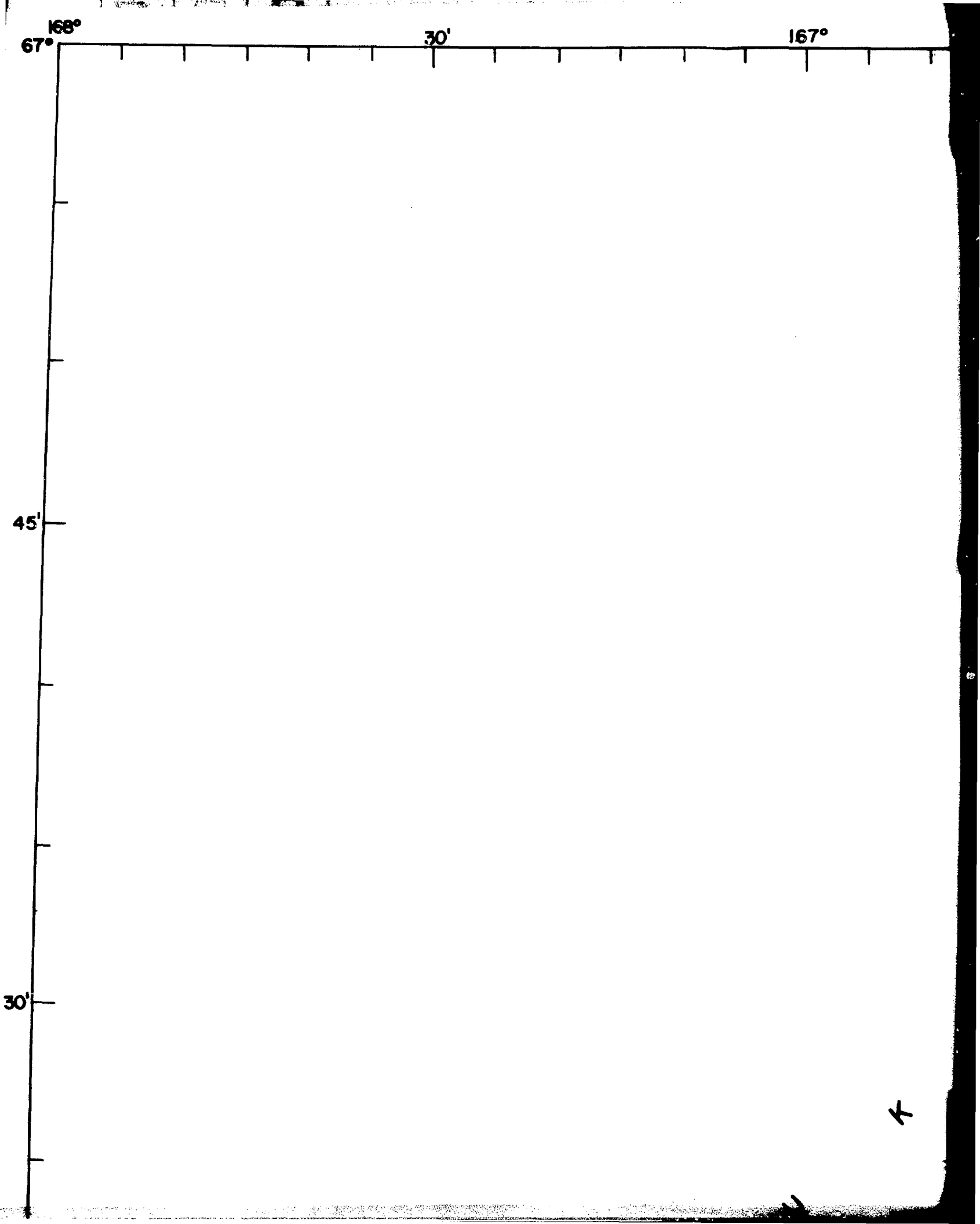
N WATERS

QUADRANGLE

SKA


168°
67°
30'
167°
45'
30'

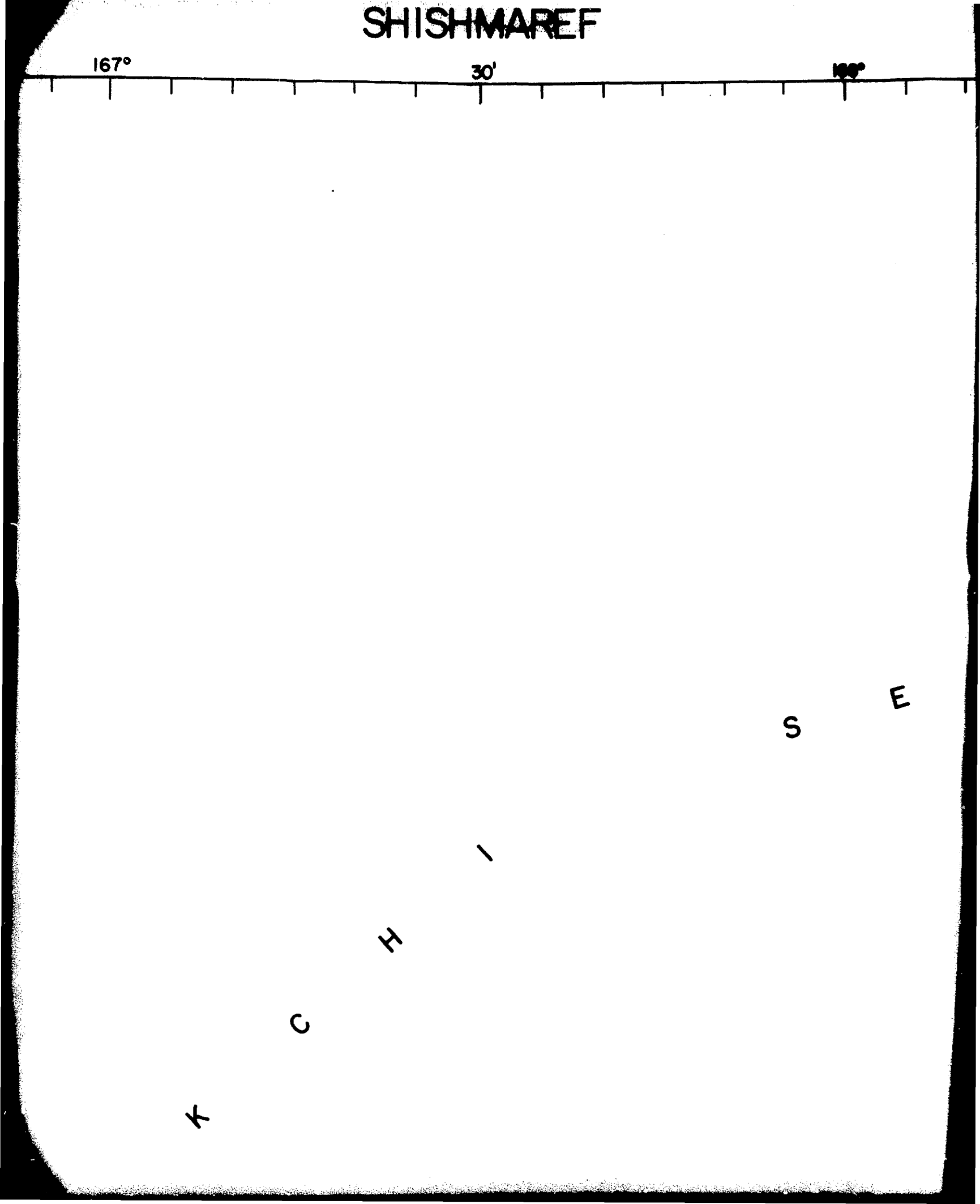
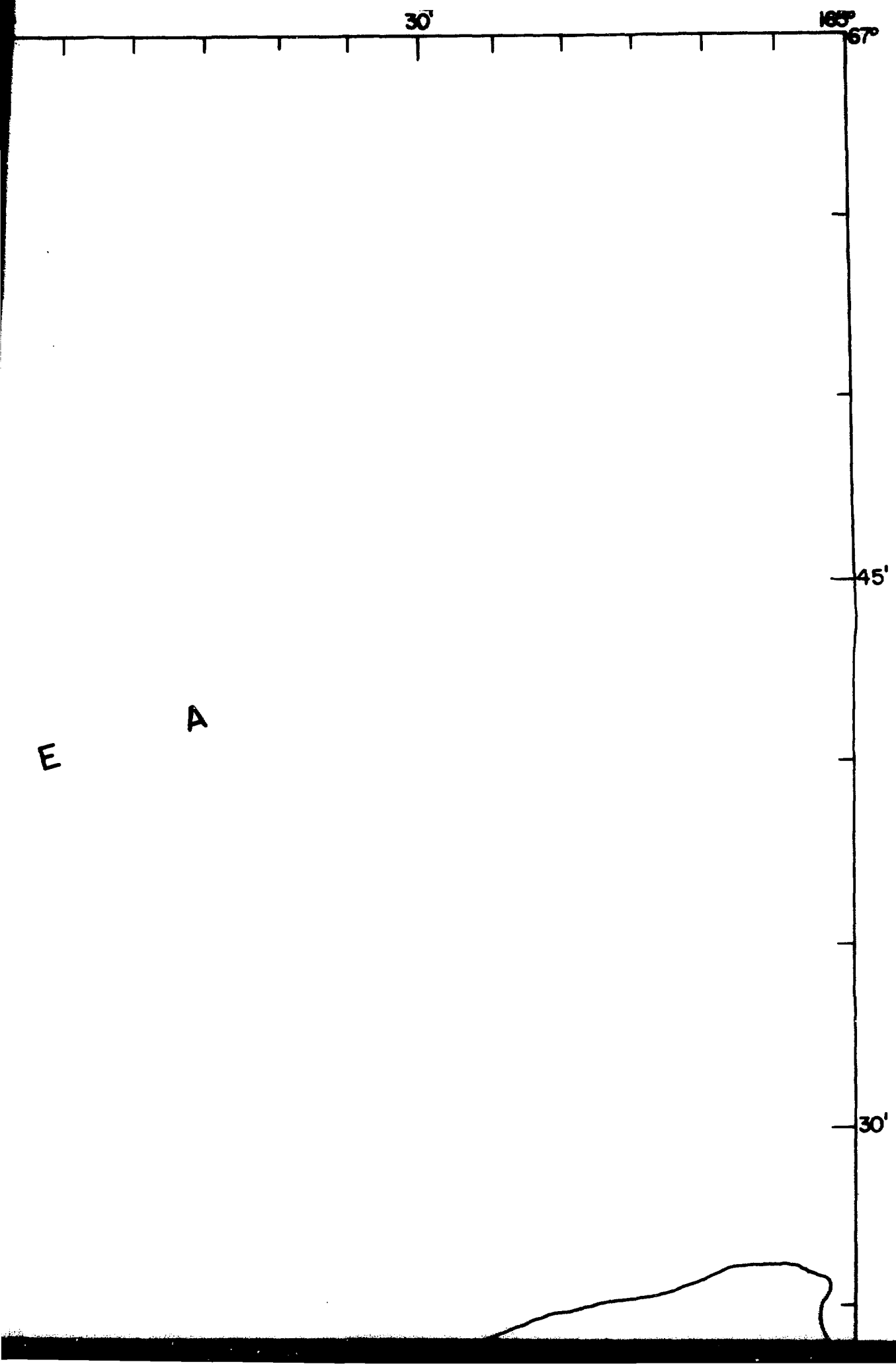

SHISHMAREF
167°
30'
S
E
I
H
C
K

PLATE I-B



15'

66°
168°

30'

167°

LEGEND

NATURAL LAKE SEDIMENT	WET STREAM SEDIMENT	DRY STREAM SEDIMENT	U(ppm)
△	□	■	≤ 1.25
△	□	▣	1.26 - 2.50
△	□	⊠	2.51 - 3.25
△	□	⊠	3.26 - 4.00
△	□	⊠	4.01 - 5.50
△	□	⊠	5.51 - 8.00
△	□	⊠	8.01 - 16.00
△	□	⊠	[illegible]

5 0

5

URANIUM C

THE AREA

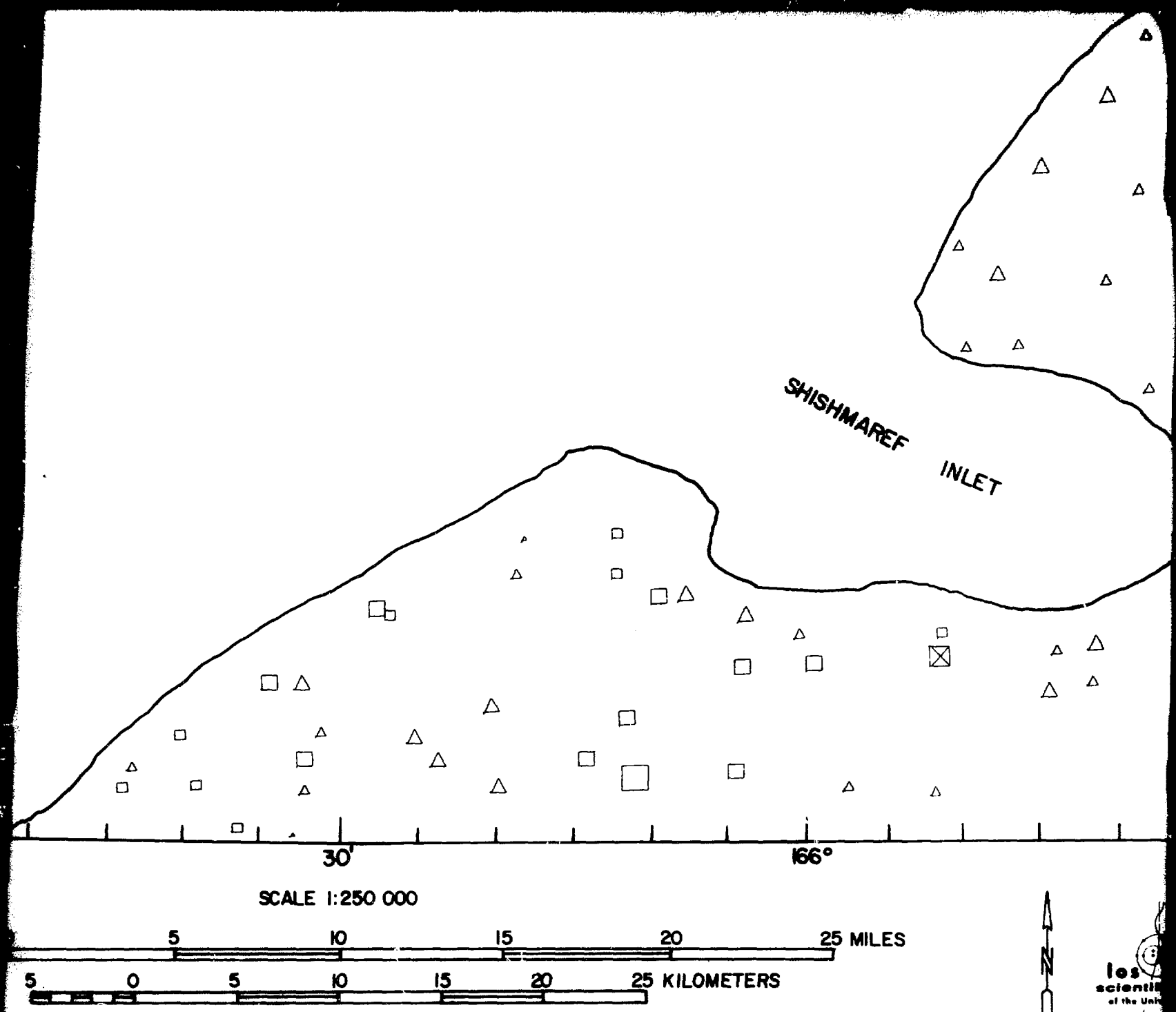
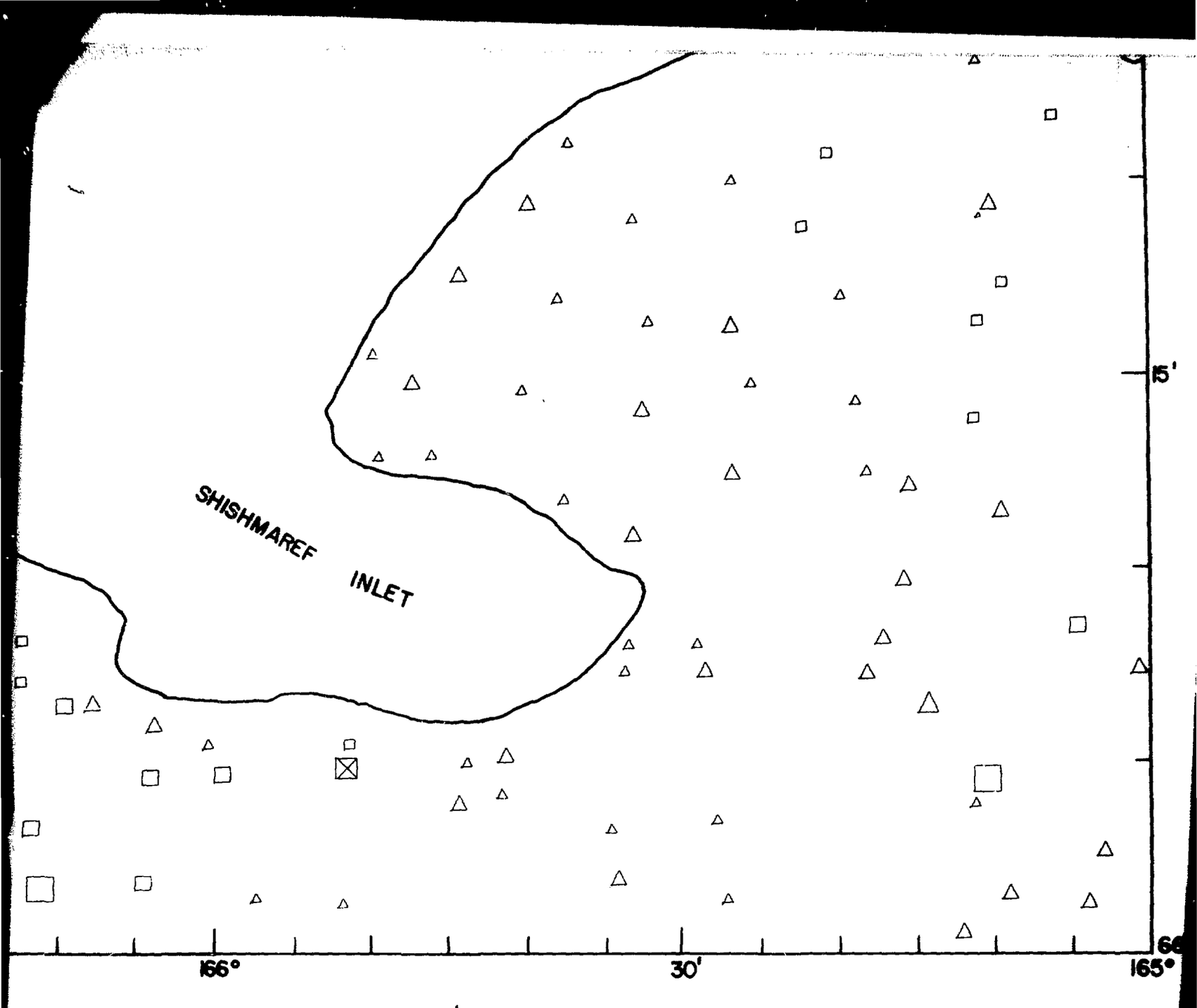


PLATE I-B

CONCENTRATIONS (ppm) IN SEDIMENTS
IN
OF THE SHISHMAREF QUADRANGLE
SEWARD PENINSULA, ALASKA



20 25 MILES

25 KILOMETERS

N

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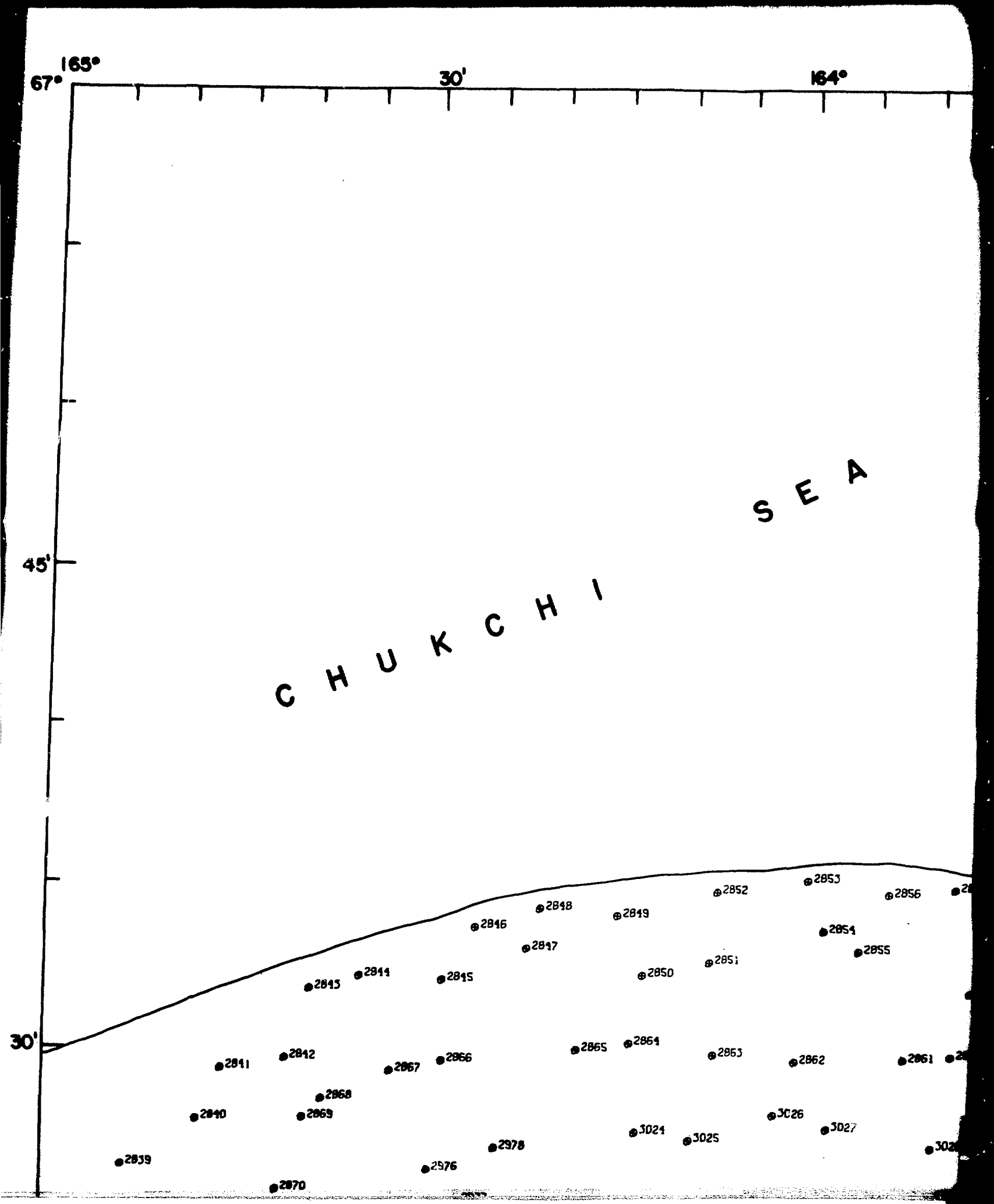
EDIMENTS

QUADRANGLE

KA


165°
30'
164°
67°
45'
30'
CHUKCHI SEA
2839
2840
2841
2842
2843
2844
2845
2846
2847
2848
2849
2850
2851
2852
2853
2854
2855
2856
2857
2858
2859
2860
2861
2862
2863
2864
2865
2866
2867
2868
2869
2870
2976
2978
3024
3025
3026
3027

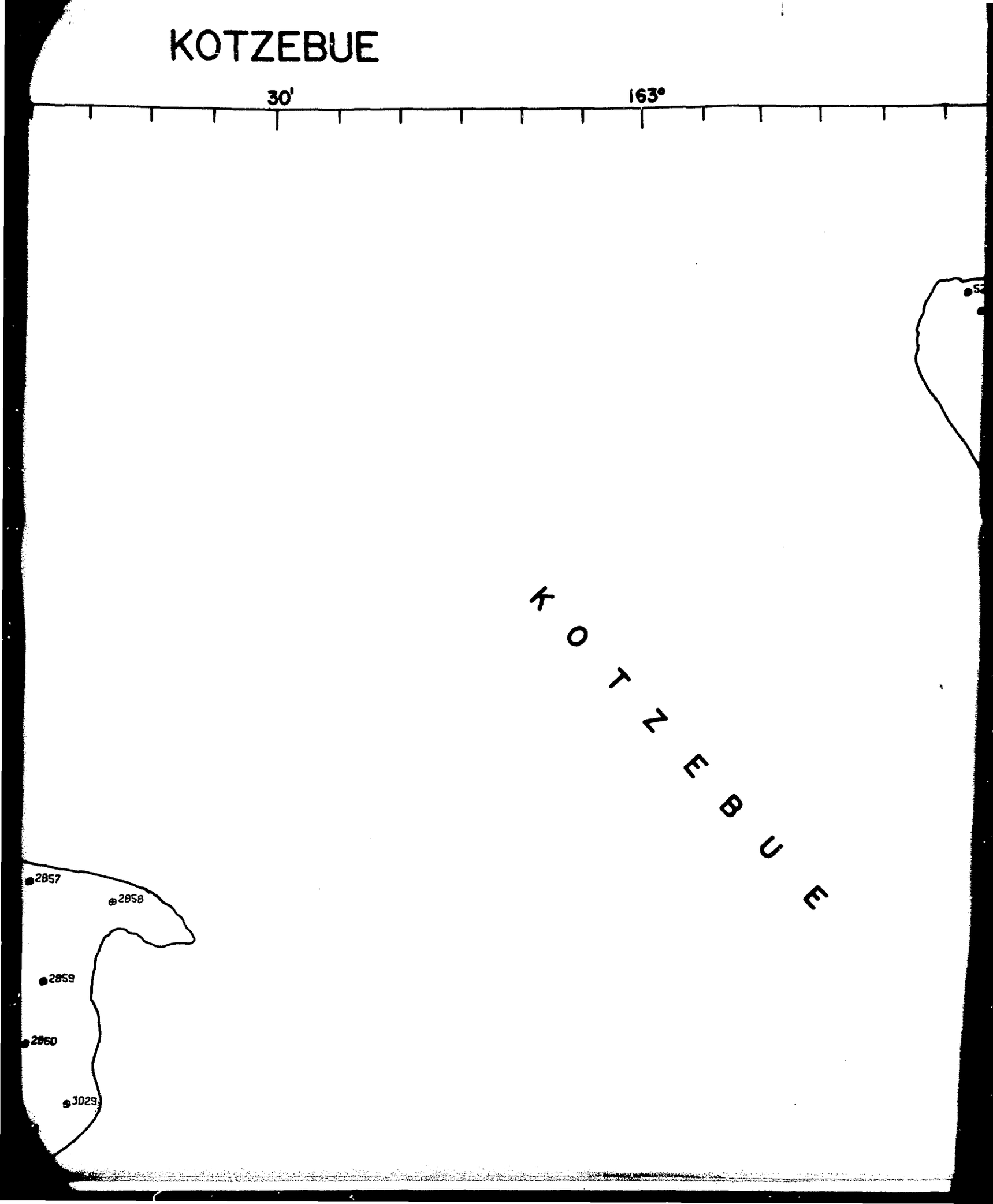
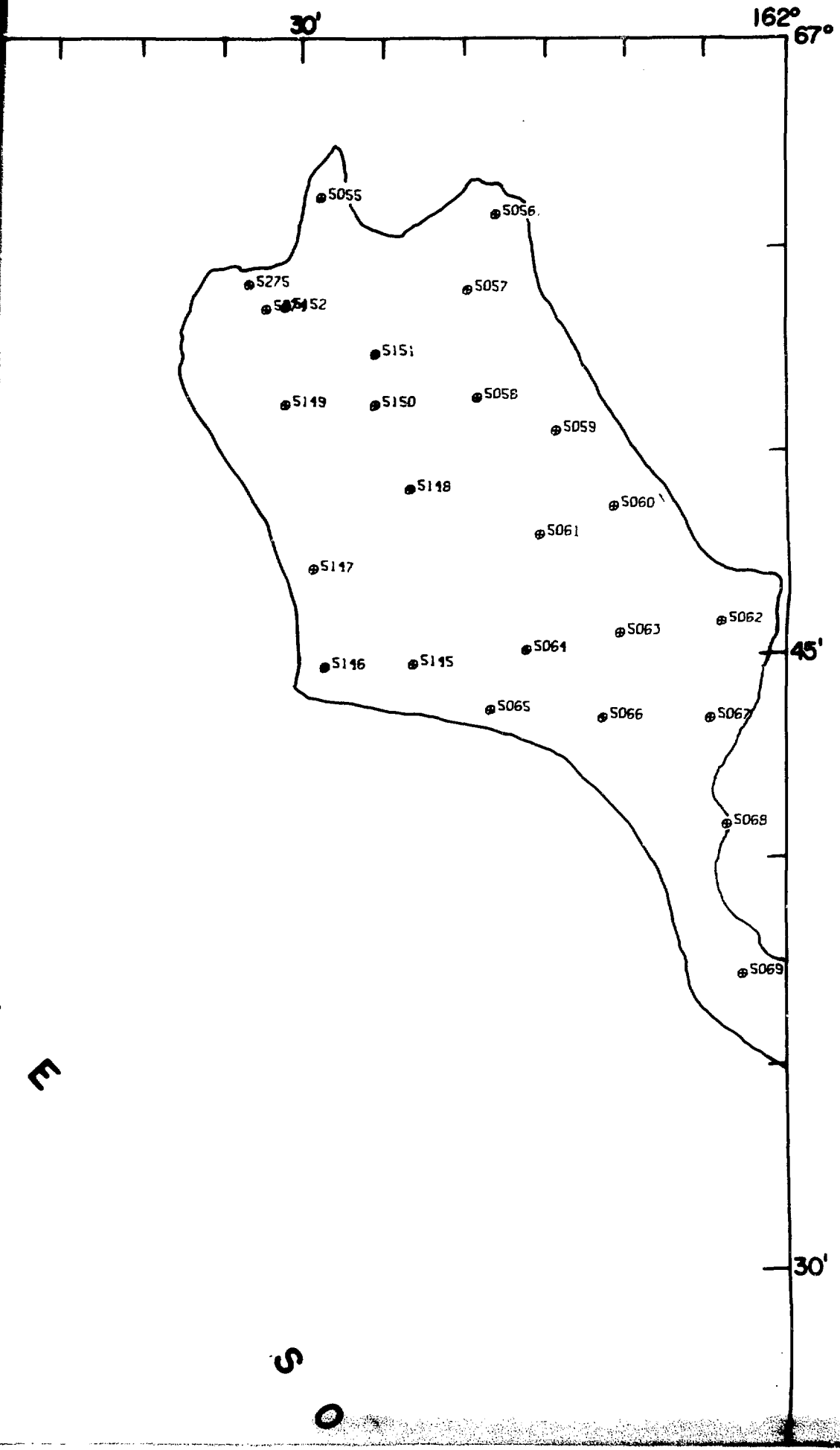
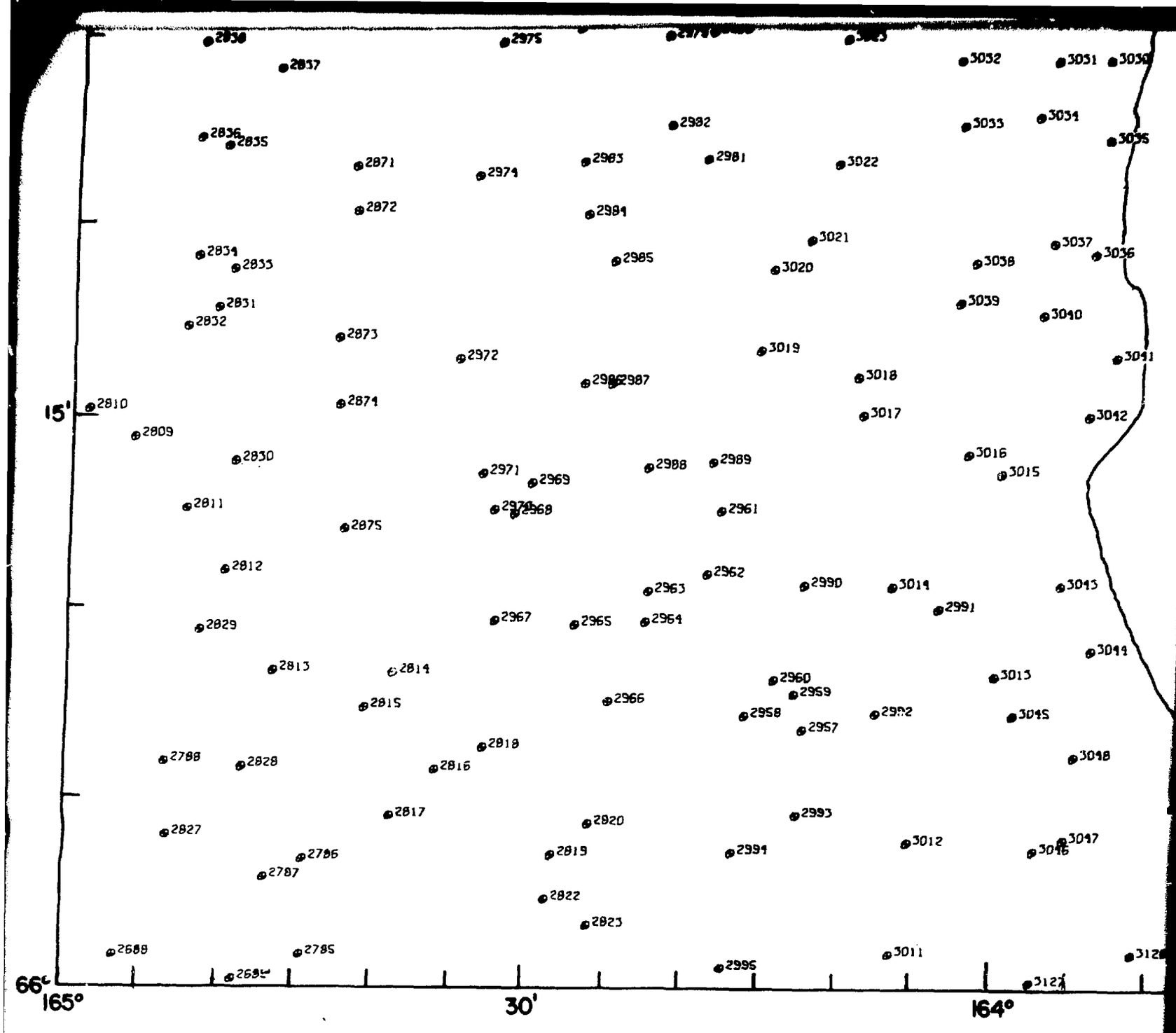

KOTZEBUE
30'
163°
KOTZEBUE
2857
2858
2859
2860
3029

PLATE II


30'
162°
67°
S055
S056
S275
S057
S152
S151
S149
S150
S058
S059
S148
S060
S061
S147
S062
S063
S064
45'
S146
S145
S065
S066
S067
S068
S069
30'
E
S
O



NURE HYDROGE

THE AREA

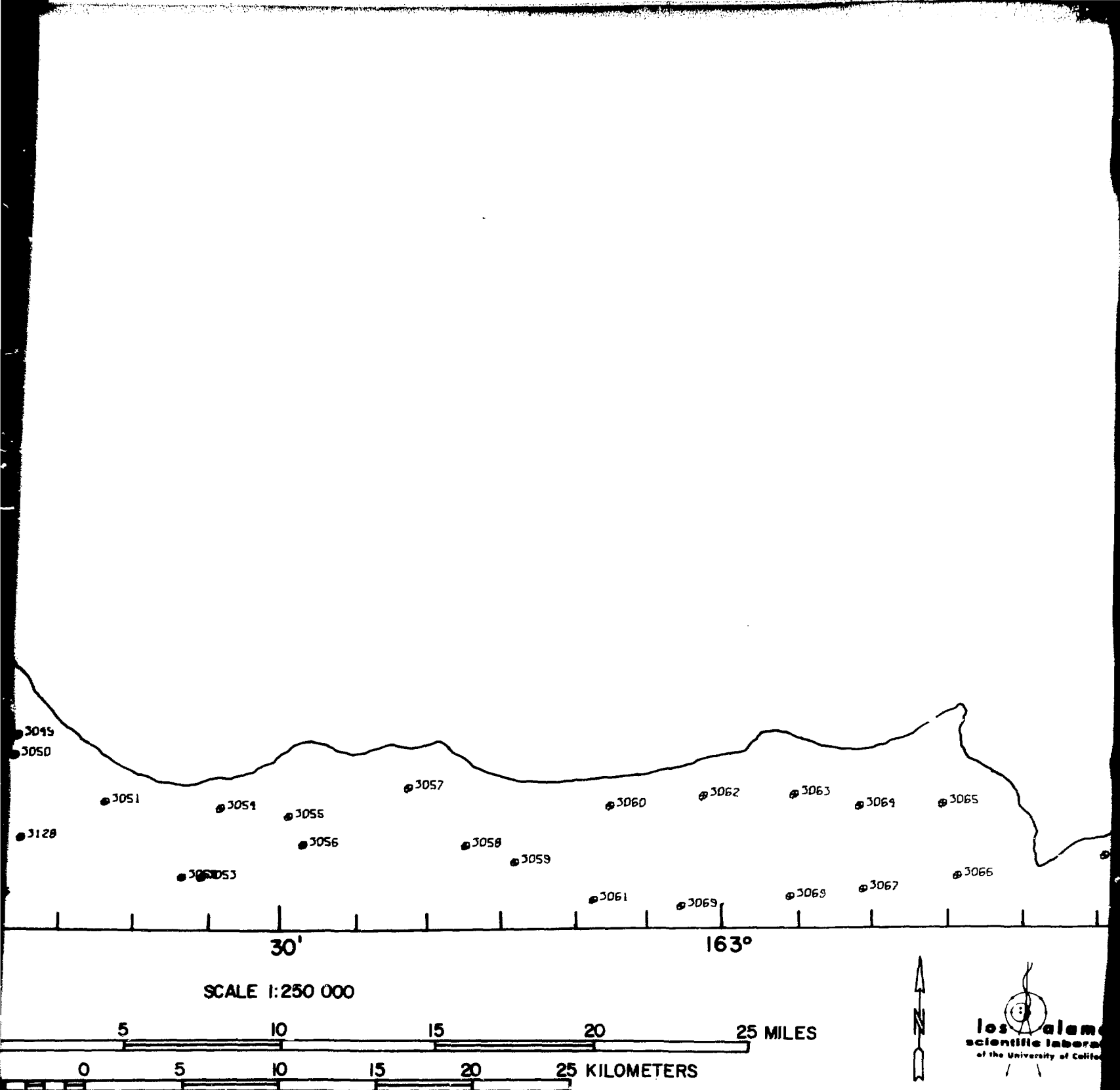


PLATE II

OCHEMICAL AND STREAM/LAKE SEDIMENT SAMPLE LOCATIONS IN OF THE KOTZEBUE QUADRANGLE SEWARD PENINSULA, ALASKA

U N D

15'

3060 3062 3063 3064 3065

3061 3069 3069 3067 3066

6368 6367 6366

6365 6369 6363 6362 6361 6360

66°

163° 30' 162°

20 25 MILES

25 KILOMETERS

N

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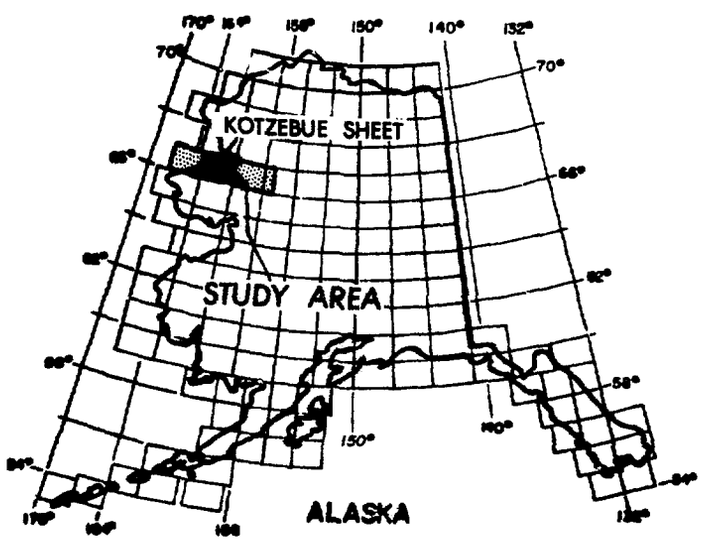
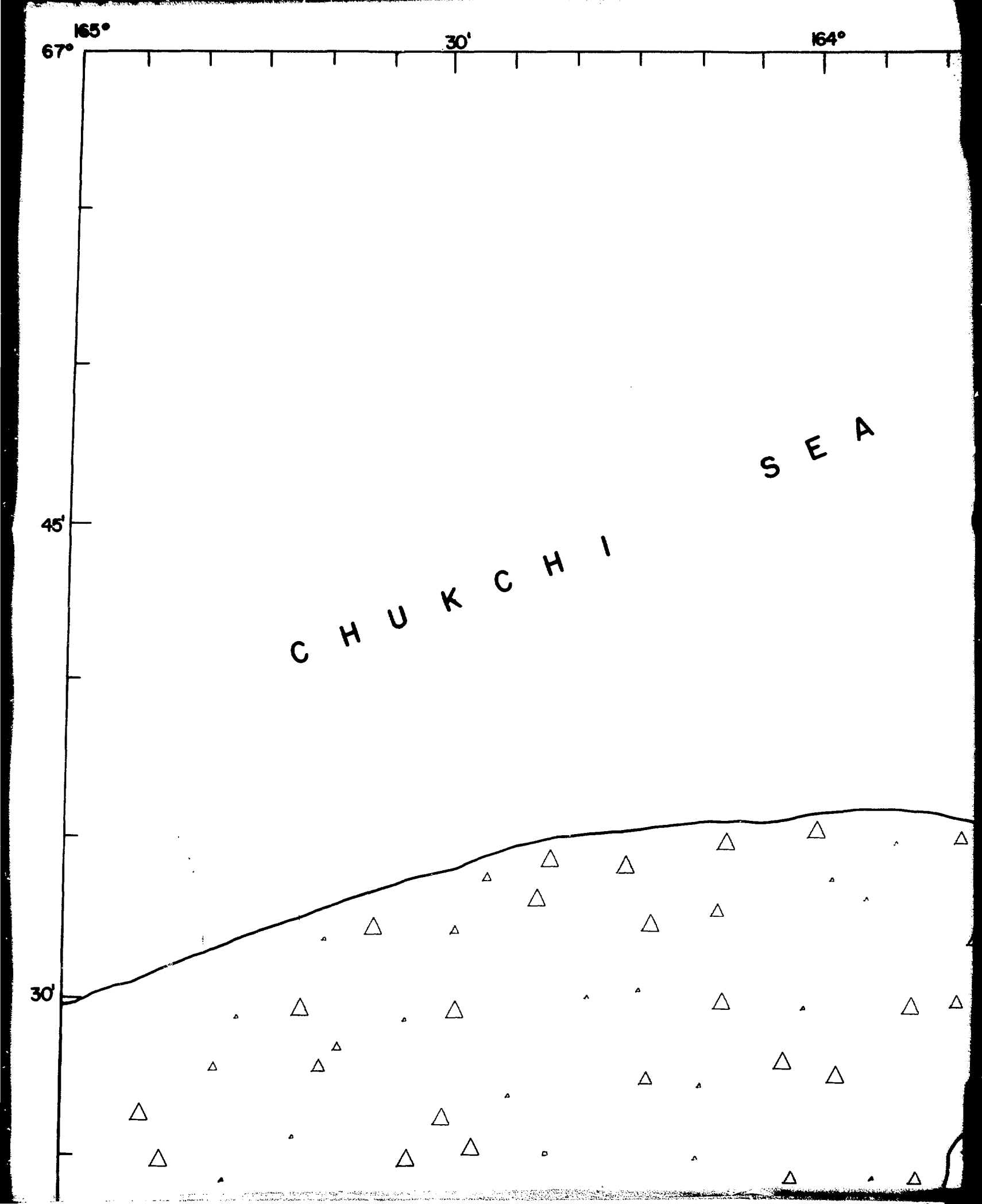


LAKE SEDIMENT

DRANGLE


165°
30'
164°
67°
45'
30'
CHUKCHI SEA

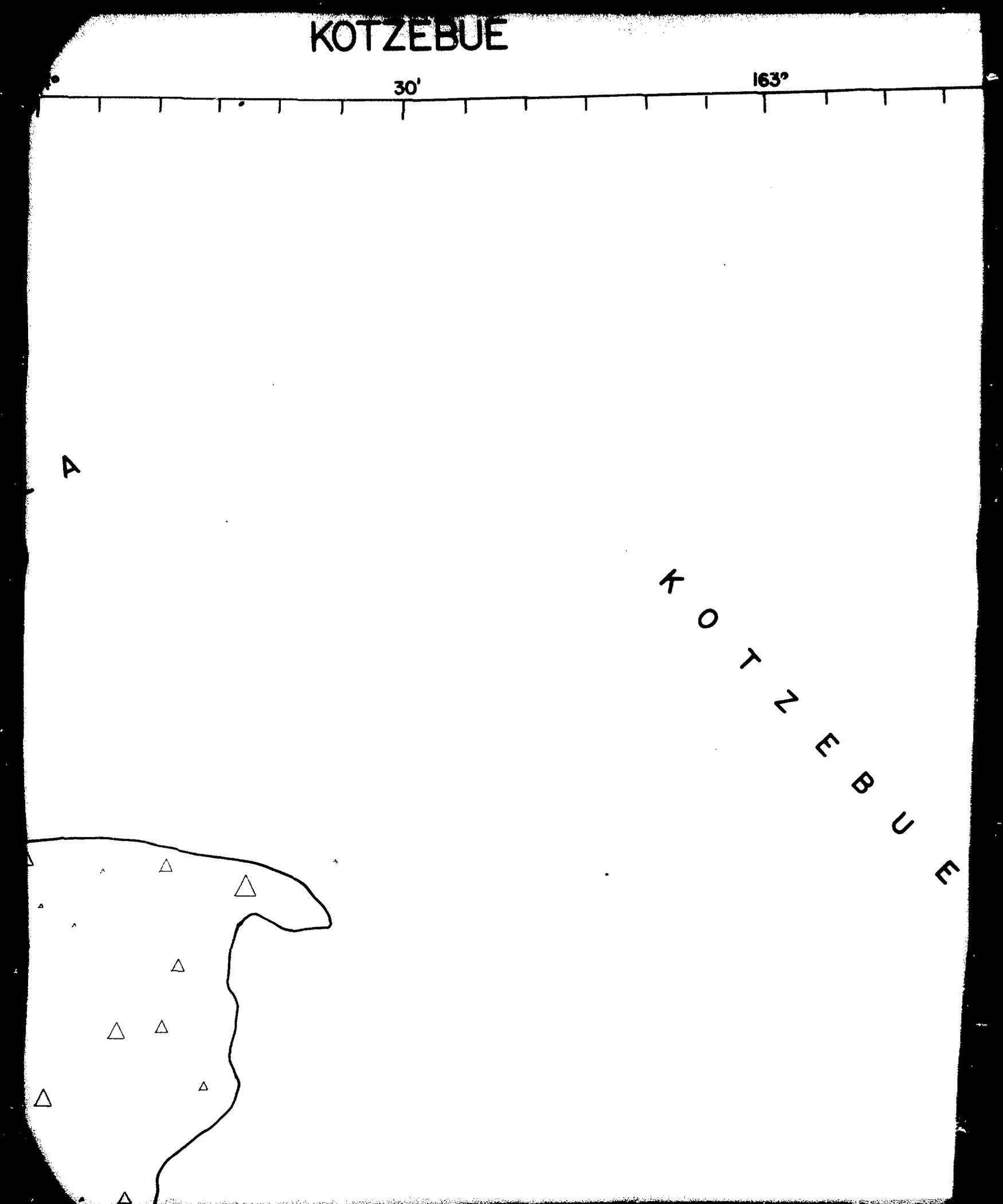
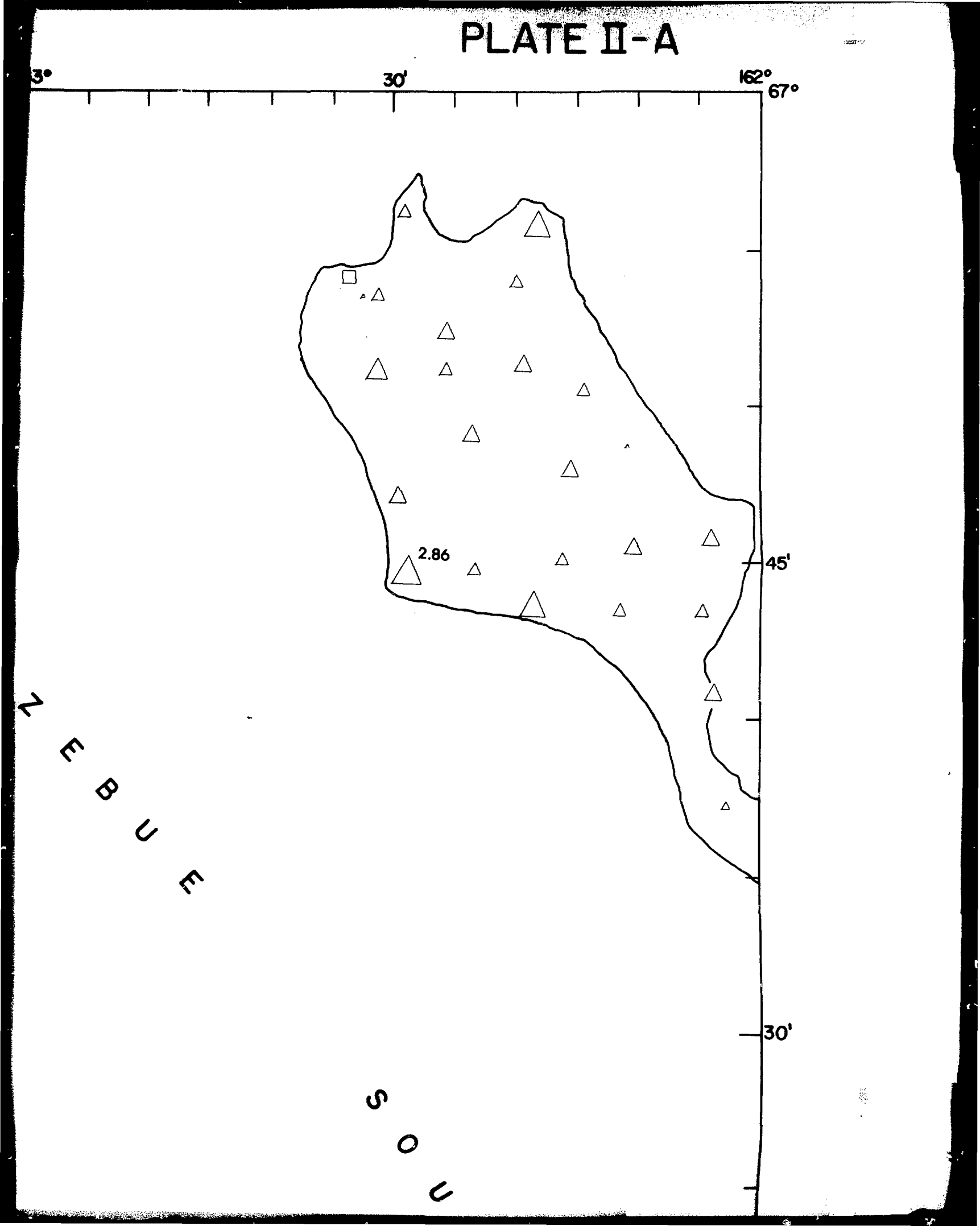
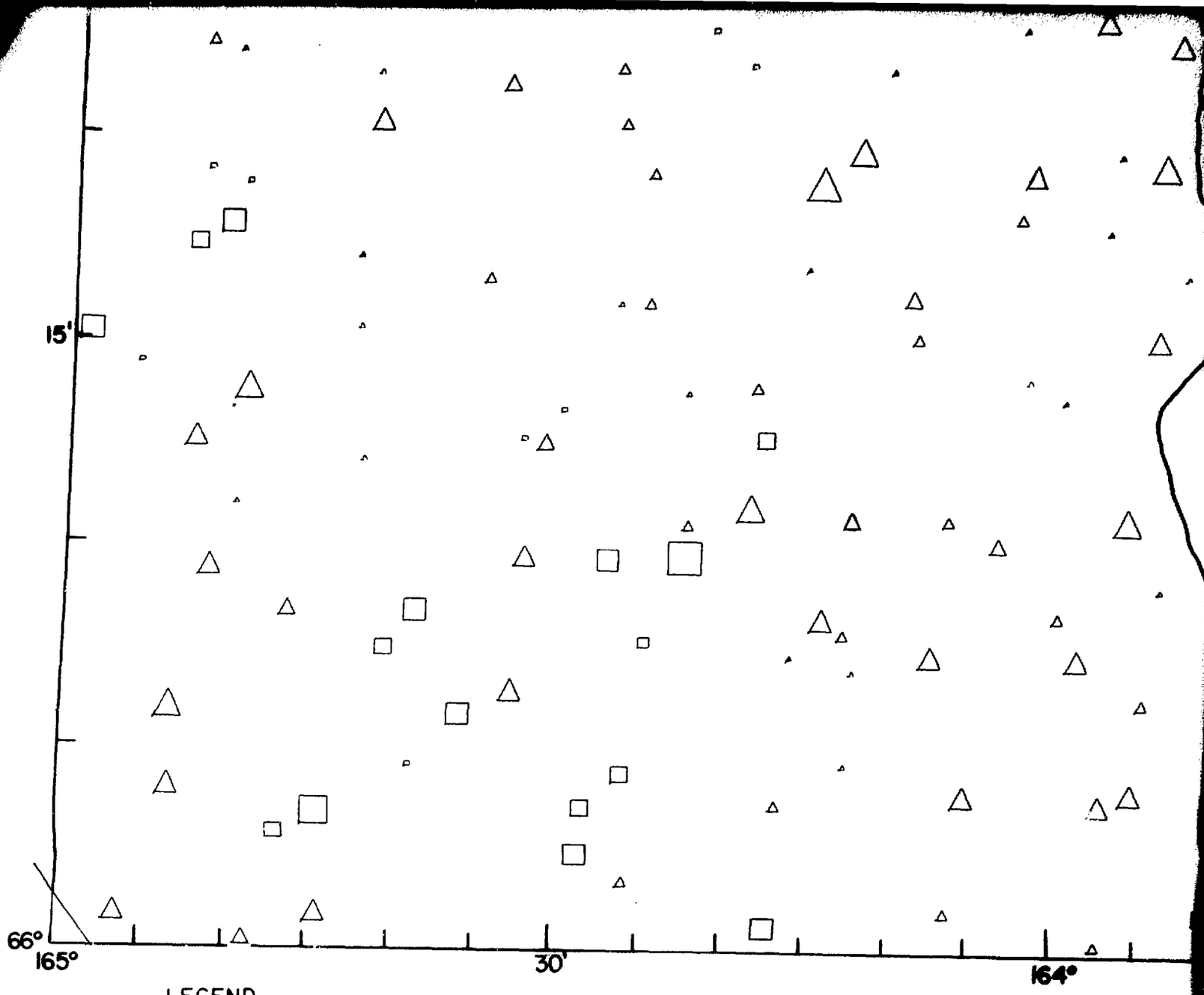

KOTZEBUE
30'
163°
A
KOTZEBUE

PLATE II-A





LEGEND

NATURAL LAKE WATERS	SURFACE STREAM WATERS	U (ppb)
•	▫	≤0.01
△	□	>0.01–0.03
△	□	0.04–0.15
△	□	0.16–0.49
△	□	0.50–0.99
△	□	1.0 –1.99
△	□	2.0 –2.99
△	□	≥3.0

3.85 The numbers printed next to the symbols for the two largest concentration intervals are the measured uranium concentrations, in ppb for those samples.

5

URAN

THE AR

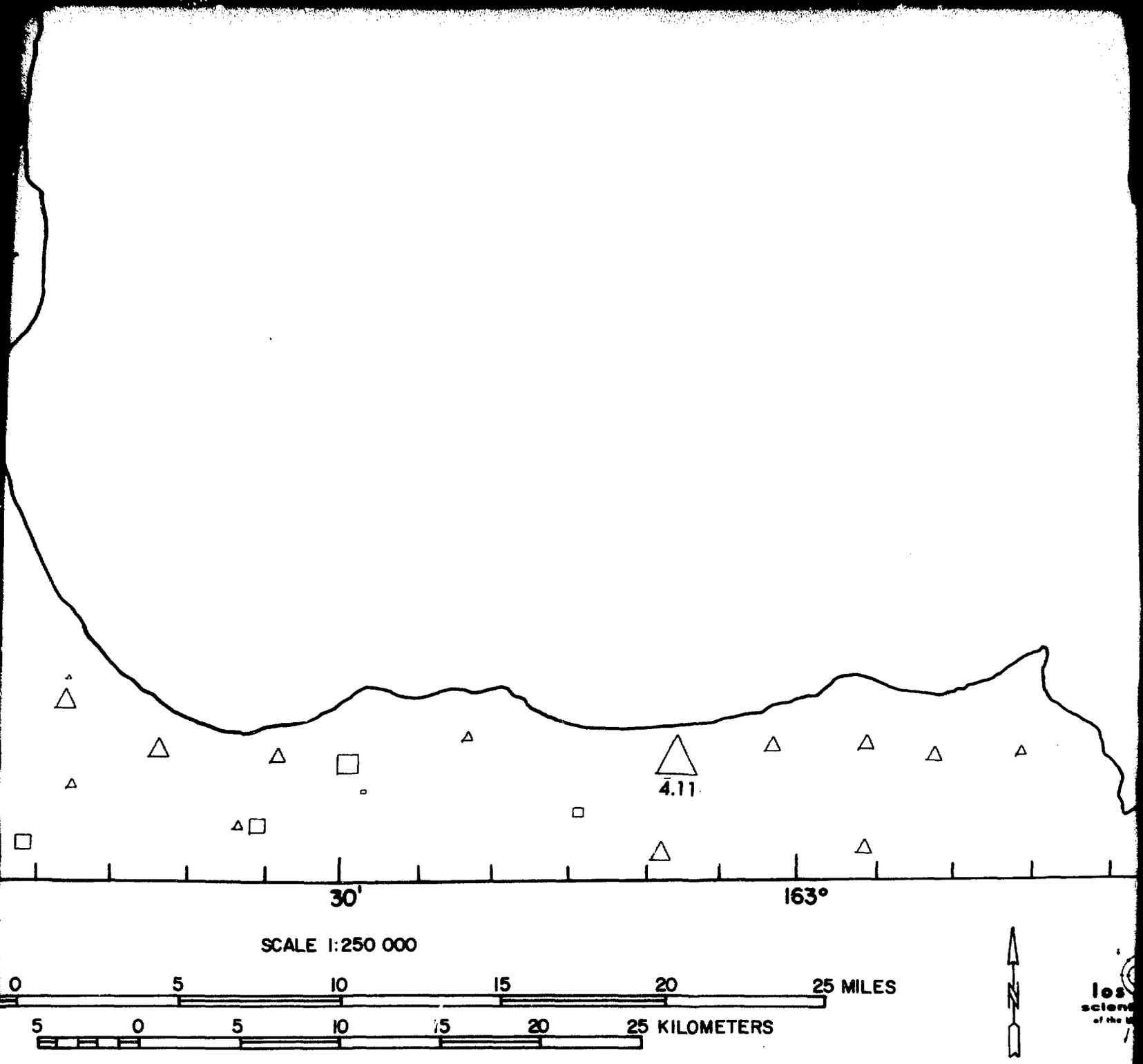
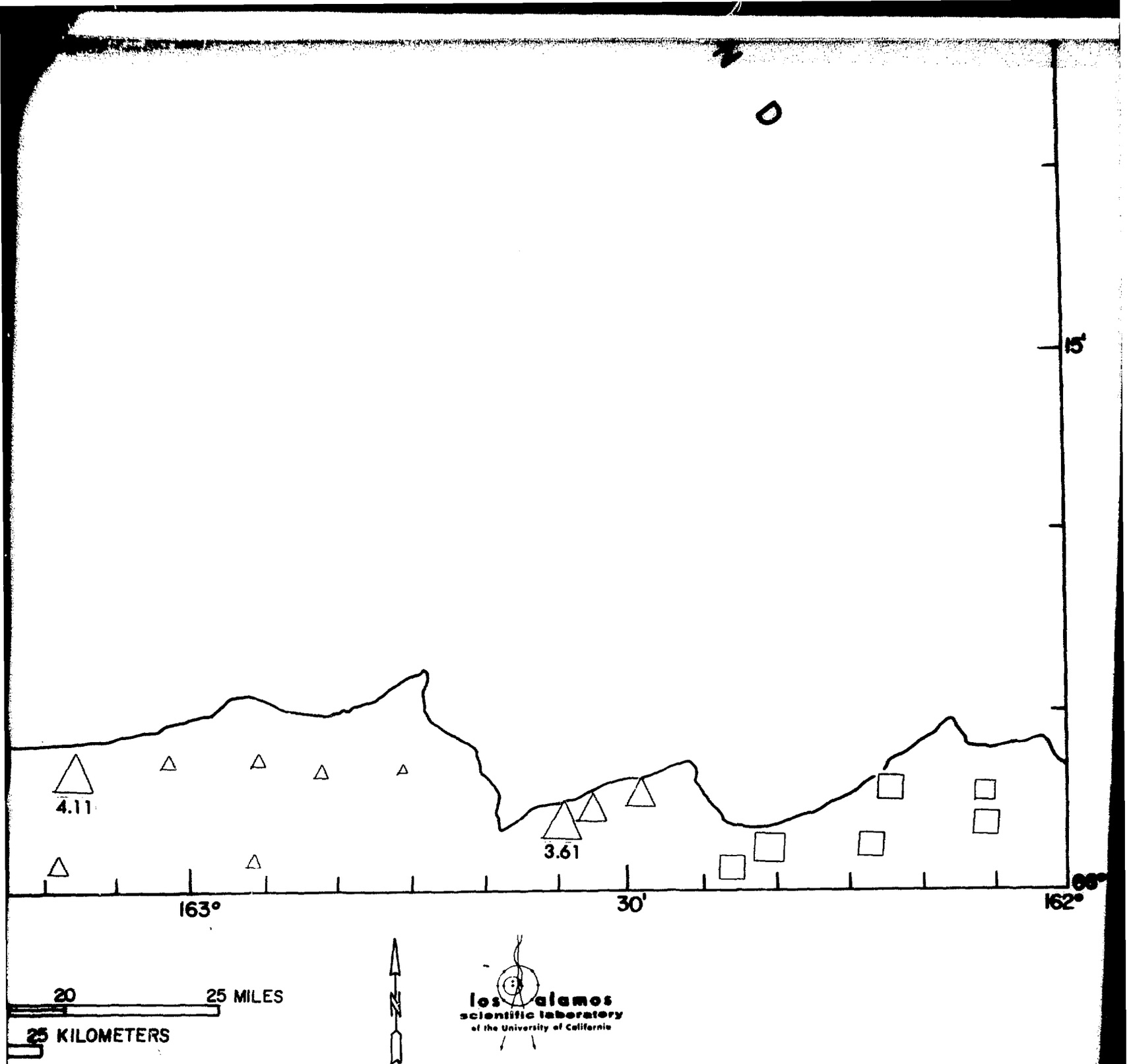


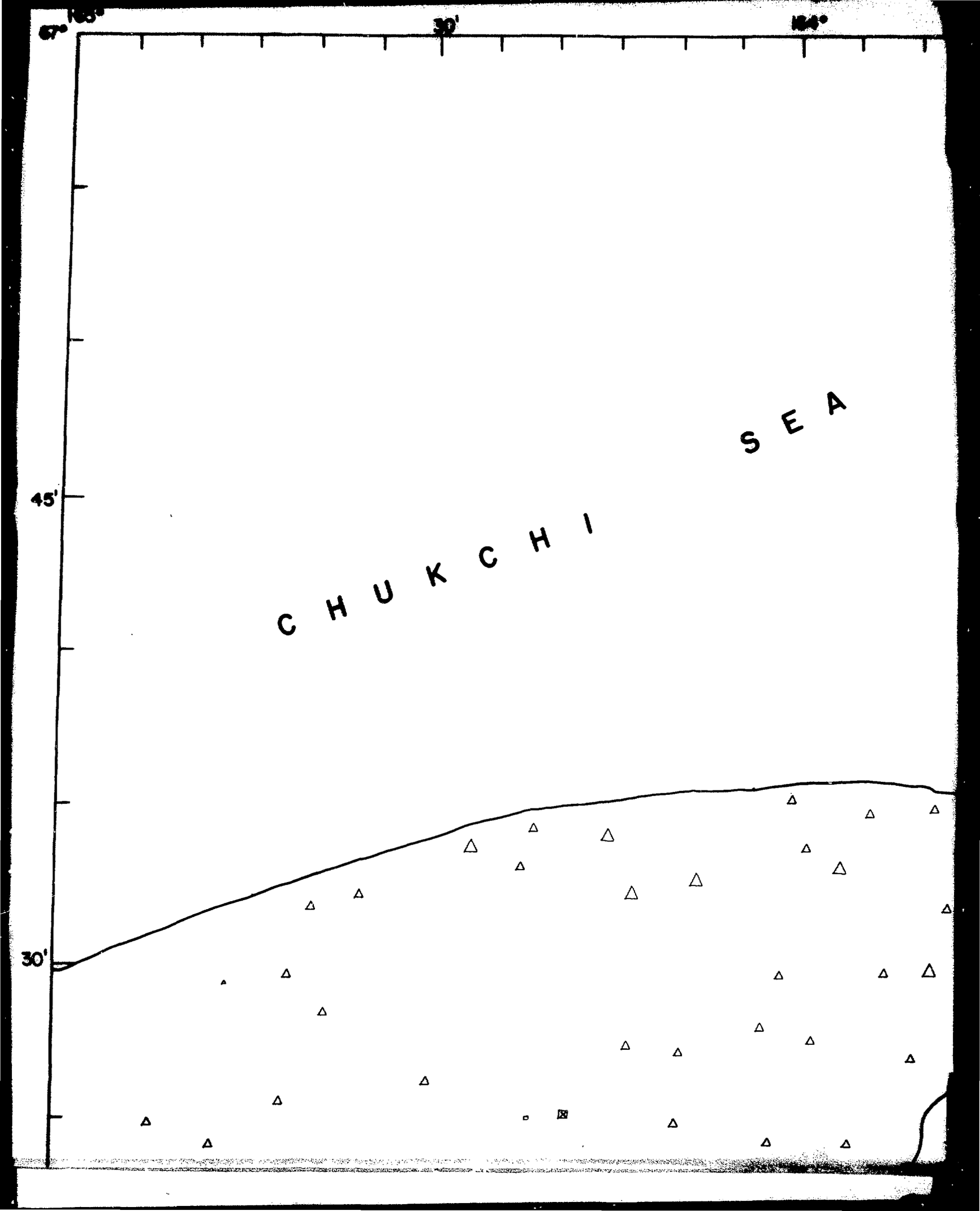
PLATE II-A

IUM CONCENTRATIONS (ppb) IN WATERS
IN
EA OF THE KOTZEBUE QUADRANGLE
SEWARD PENINSULA, ALASKA



WATERS

UADRANGLE


67°
165°
30'
164°
45'
CHUKCHI SEA
30'

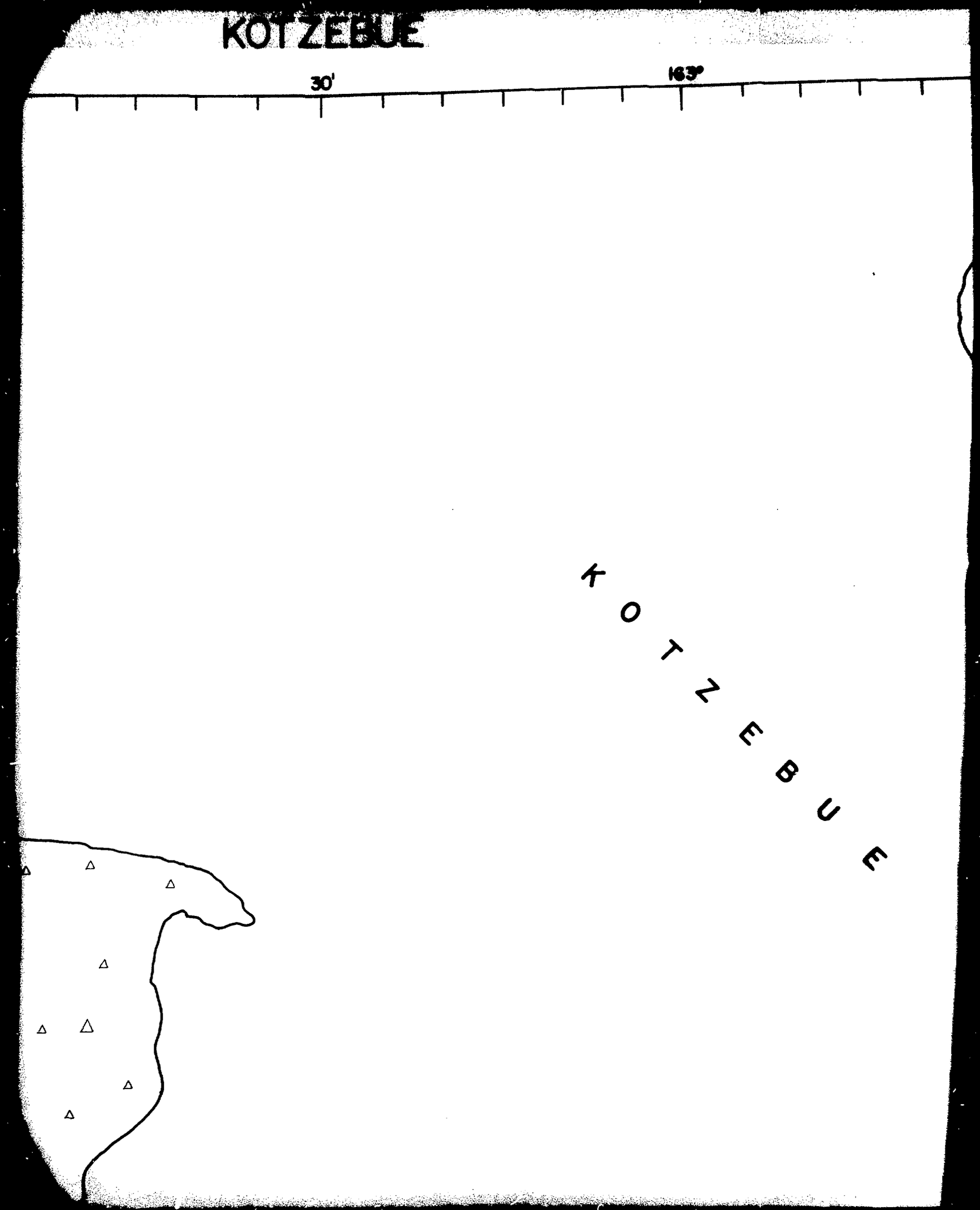
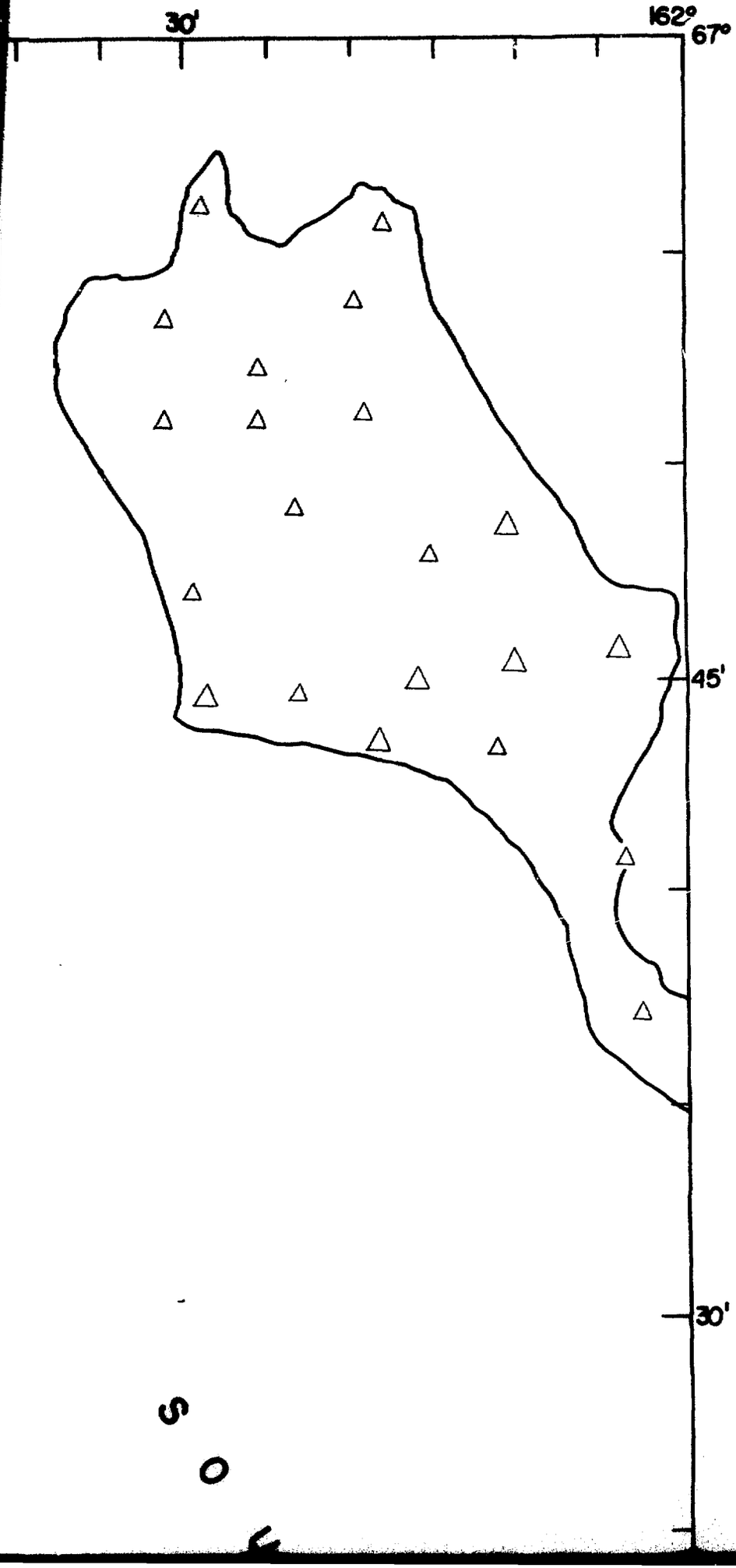
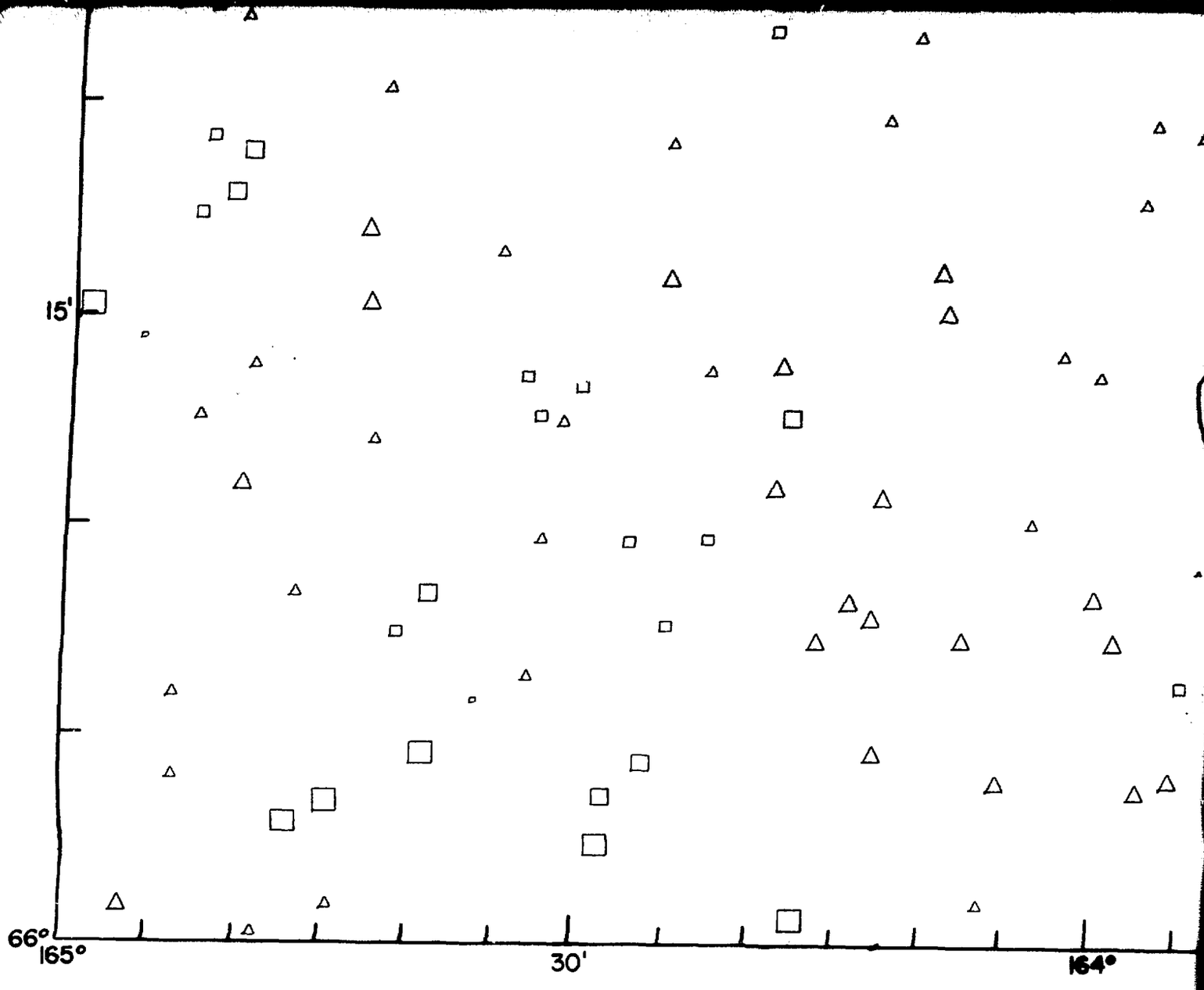

KOTZEBUE
30'
163°
KOTZEBUE

PLATE II-B





LEGEND

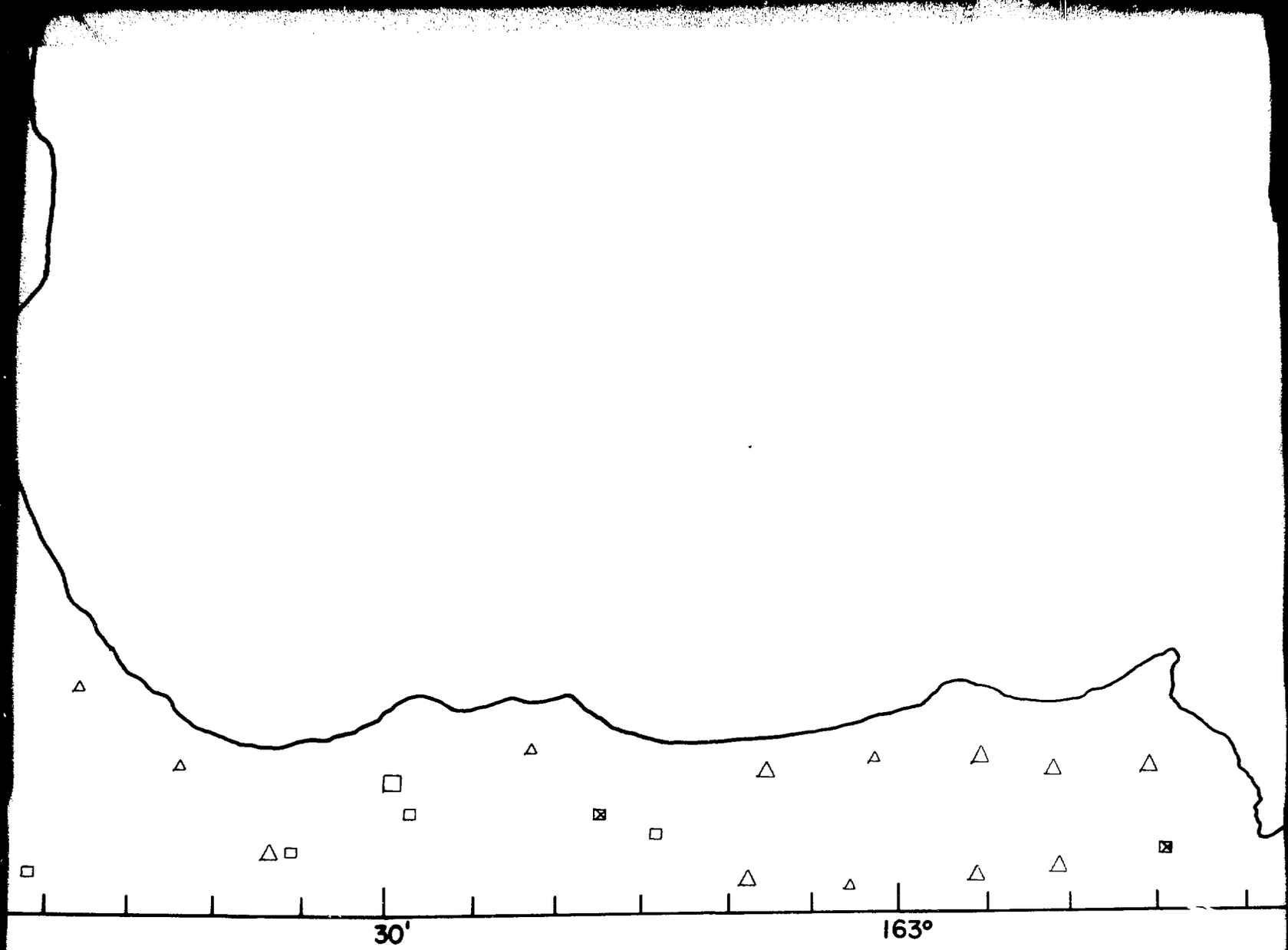
NATURAL LAKE SEDIMENT	WET STREAM SEDIMENT	DRY STREAM SEDIMENT	U (ppm)
△	□	■	≤ 1.25
△	□	⊠	1.26 - 2.50
△	□	⊠	2.51 - 3.25
△	□	⊠	3.26 - 4.00
△	□	⊠	4.01 - 5.50
△	□	⊠	5.51 - 8.00
△	□	⊠	8.01 - 16.00
△	□	⊠	>16.00

37.7 The numbers printed next to the symbols for the two largest concentrations intervals are the measured uranium concentrations, in ppm, for those samples.

5

URANIU

THE AR



SCALE 1:250 000

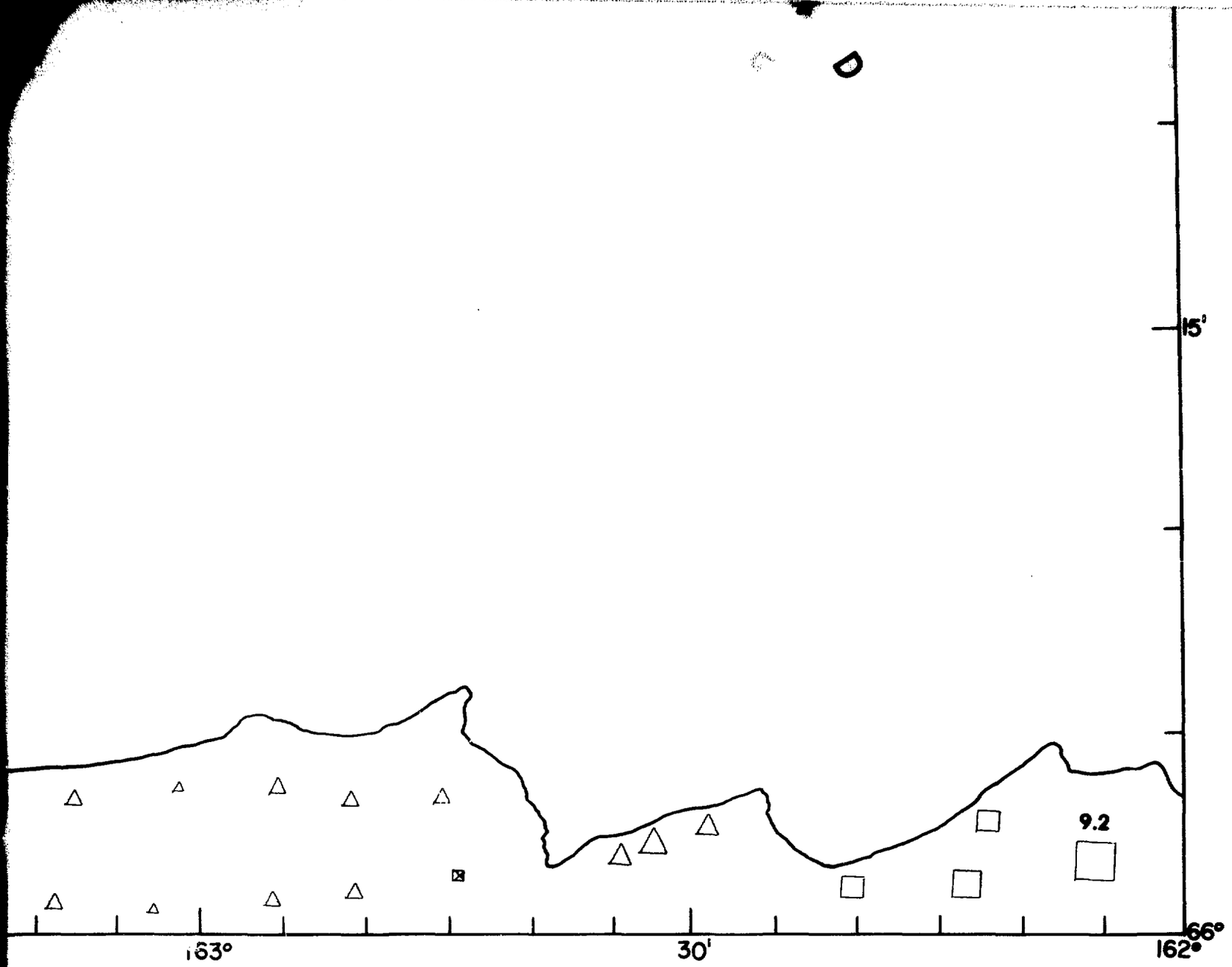
0 5 10 15 20 25 MILES

5 0 5 10 15 20 25 KILOMETERS

N

PLATE II-B

M CONCENTRATIONS (ppm) IN SEDIMENTS IN A OF THE KOTZEBUE QUADRANGLE SEWARD PENINSULA, ALASKA



20 25 MILES

25 KILOMETERS

N

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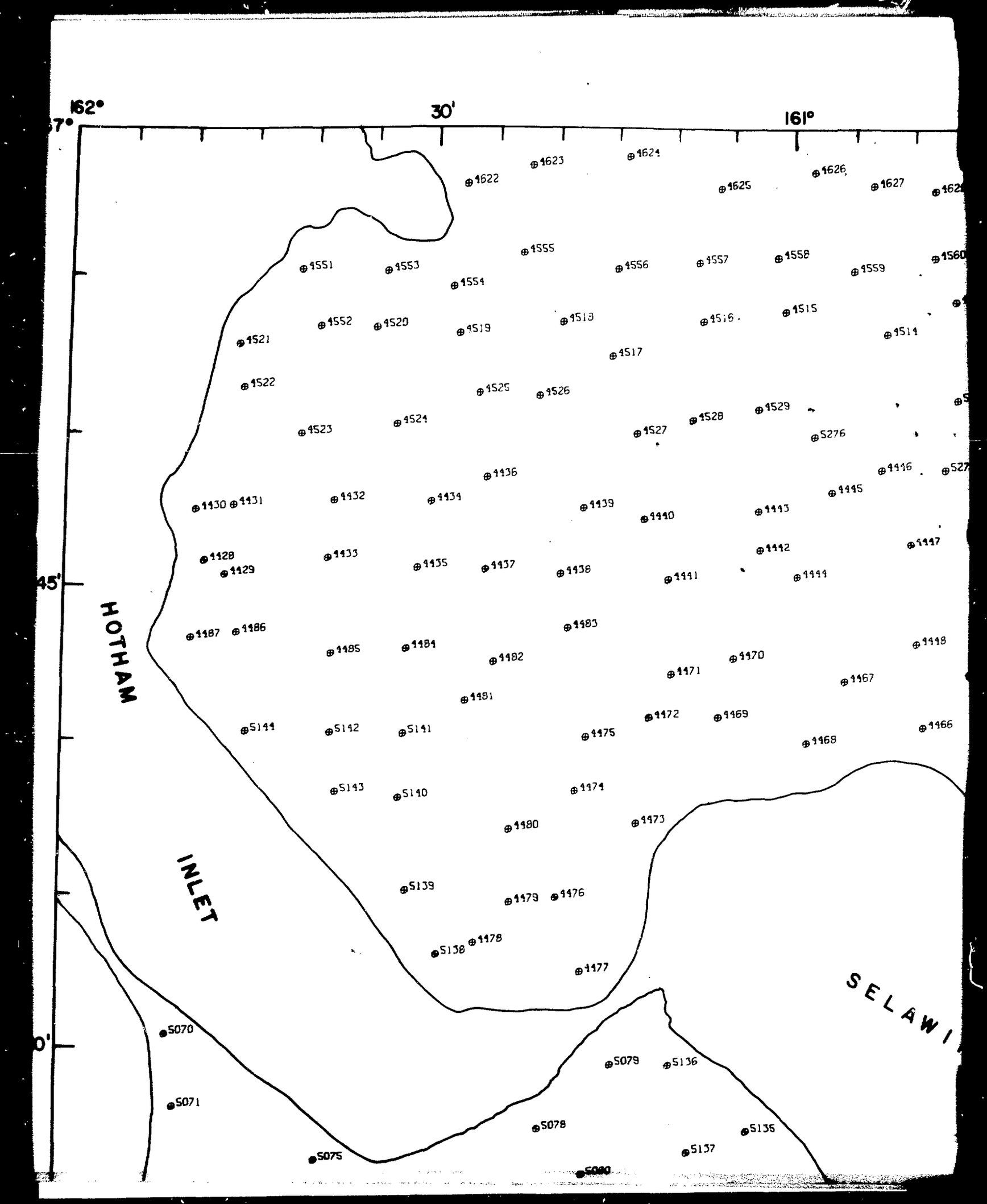
scientific laboratory
of the University of California

EDIMENTS

ADRANGLE

KA


162°
30'
161°
7°
45'
0'
HOTHAM
INLET
SELAWI
1622
1623
1624
1625
1626
1627
1551
1553
1554
1555
1556
1557
1558
1559
1560
1552
1520
1519
1518
1516
1515
1514
1521
1517
1522
1525
1526
1523
1524
1527
1528
1529
S276
1436
1446
1445
1430
1431
1432
1434
1439
1440
1443
1428
1429
1433
1435
1437
1438
1441
1444
1442
1447
1487
1486
1483
1485
1484
1482
1470
1448
1471
1467
1481
1472
1469
1466
S144
S142
S141
1475
1468
S143
S140
1474
1480
1473
S139
1479
1476
S138
1478
1477
S070
S079
S136
S071
S078
S135
S075
S137
S080

SELAWIK

161° 30' 160°

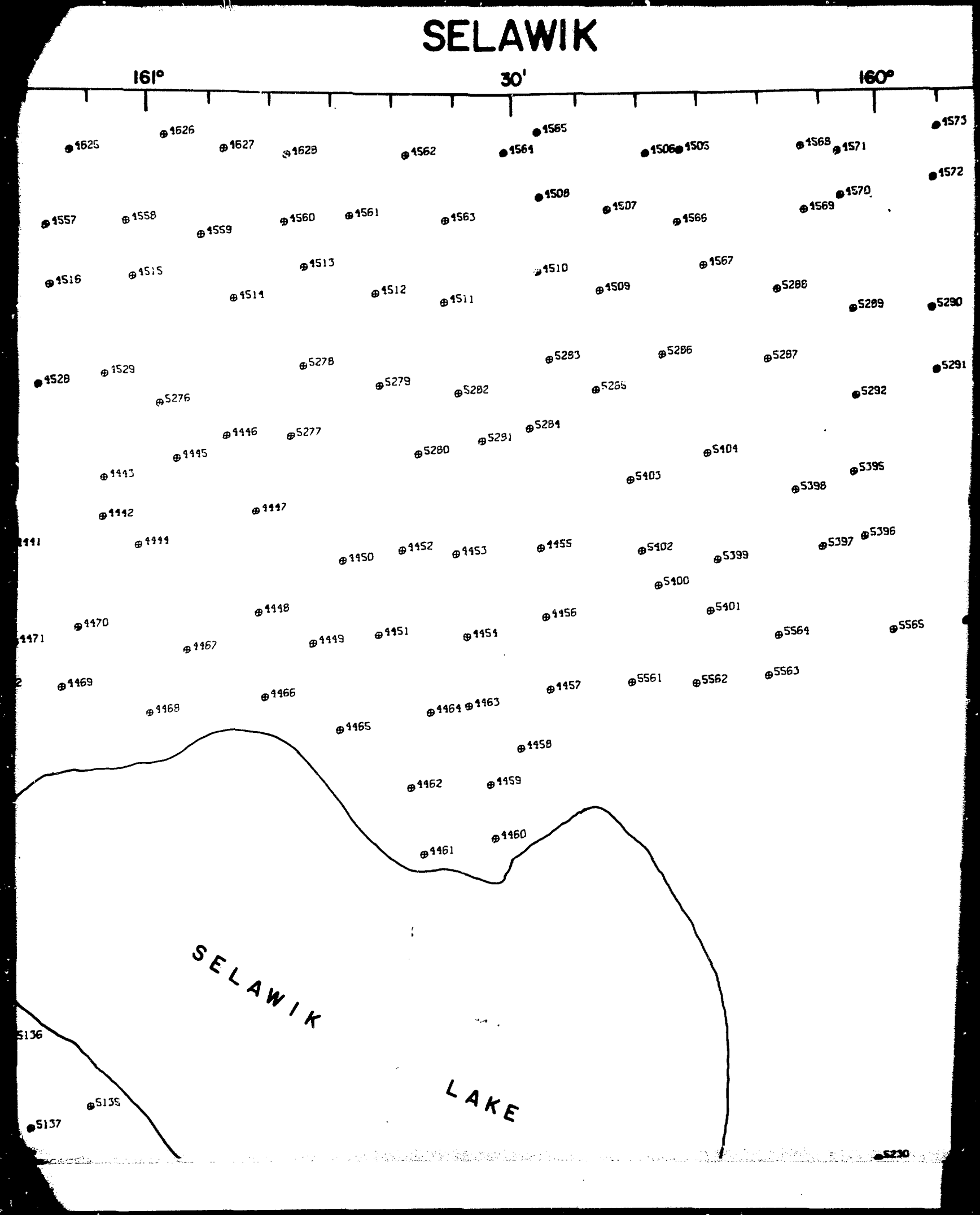
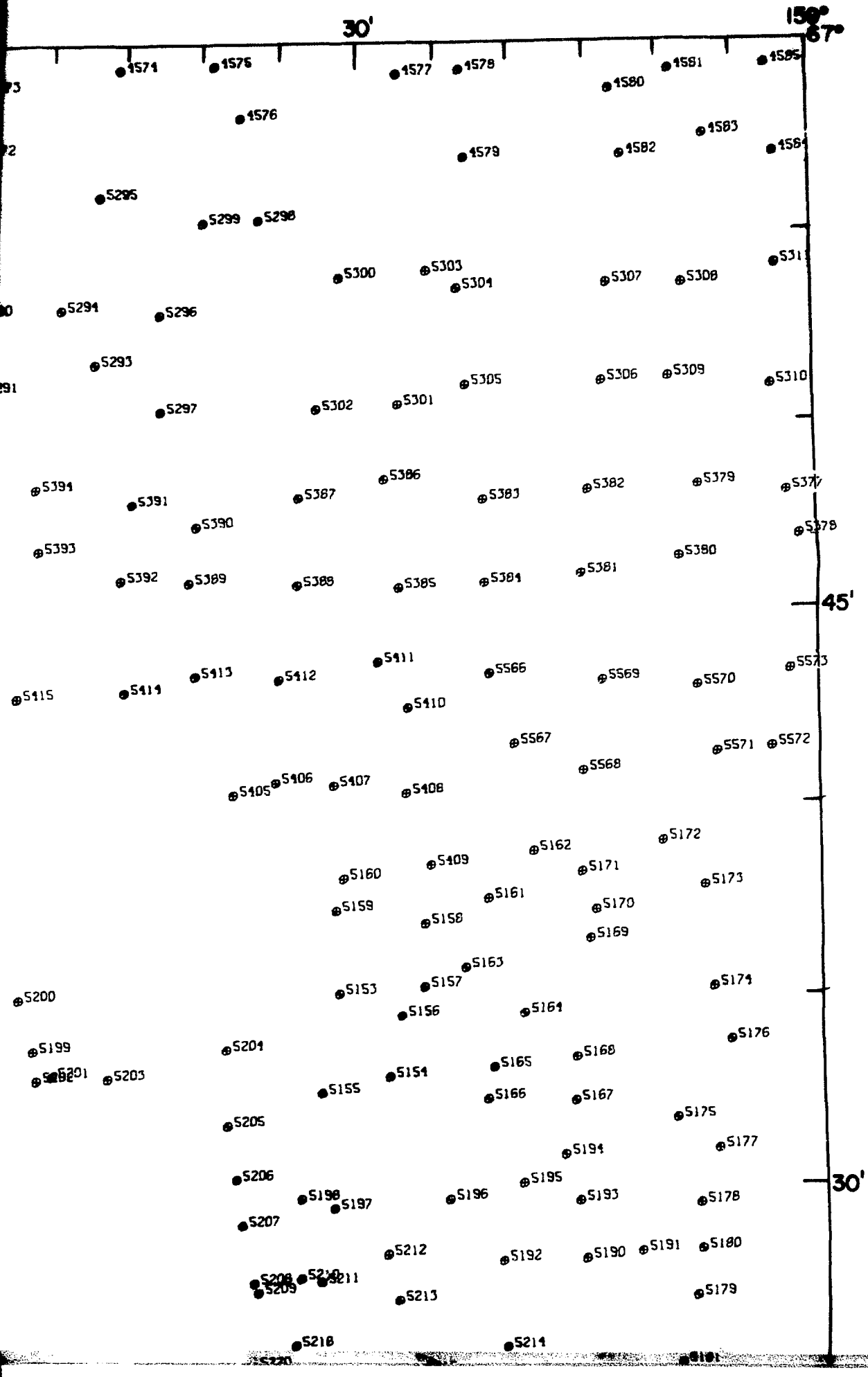
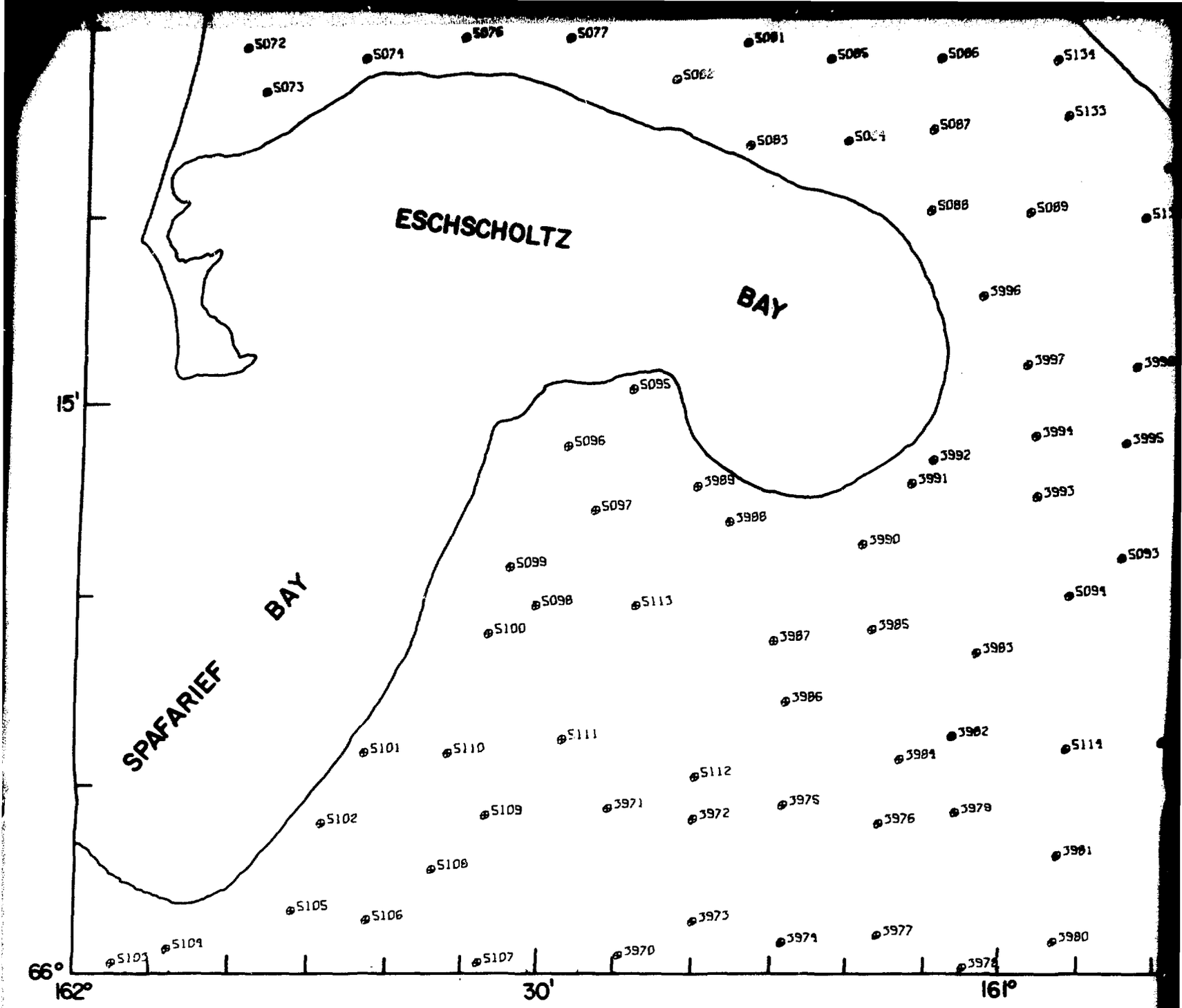


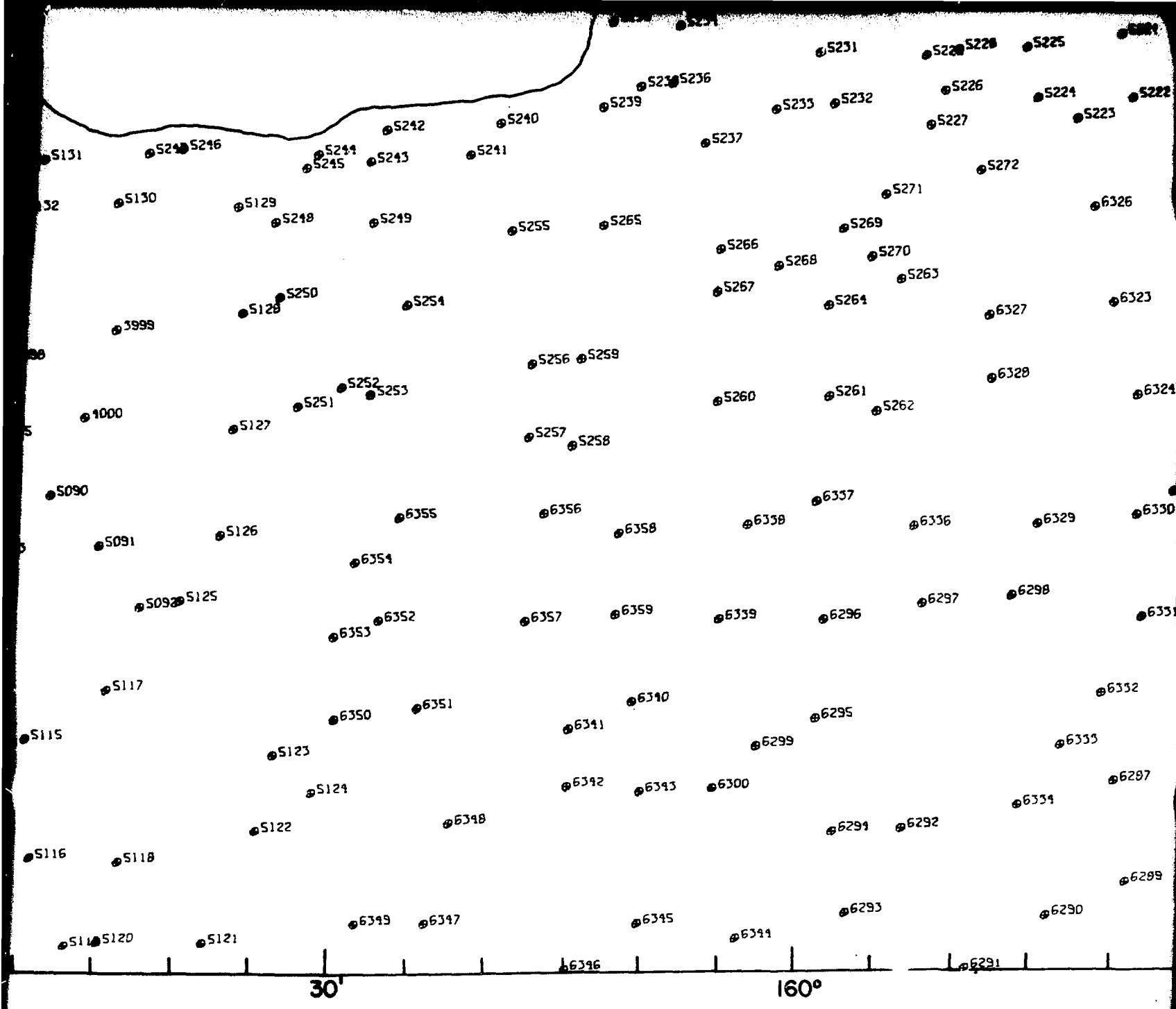
PLATE III


30'
159°
57°
45'
30'
1571
1576
1577
1578
1581
1585
1580
1576
1583
1579
1582
1584
S295
S299
S298
S300
S303
S304
S307
S308
S311
S294
S296
S293
S305
S306
S309
S310
S297
S302
S301
S394
S386
S382
S379
S377
S391
S387
S383
S390
S378
S393
S380
S392
S389
S388
S385
S384
S381
S411
S566
S569
S570
S573
S413
S412
S415
S414
S410
S567
S571
S572
S568
S405
S406
S407
S408
S172
S162
S409
S171
S160
S173
S161
S159
S170
S158
S169
S163
S200
S153
S157
S174
S156
S164
S176
S199
S204
S168
S165
S201
S203
S154
S155
S166
S167
S175
S205
S194
S177
S206
S195
S198
S197
S196
S193
S178
S207
S212
S192
S190
S191
S180
S211
S209
S213
S179
S218
S214
S220
S181



NURE HYDRO

THE ARE



SCALE 1:250 000

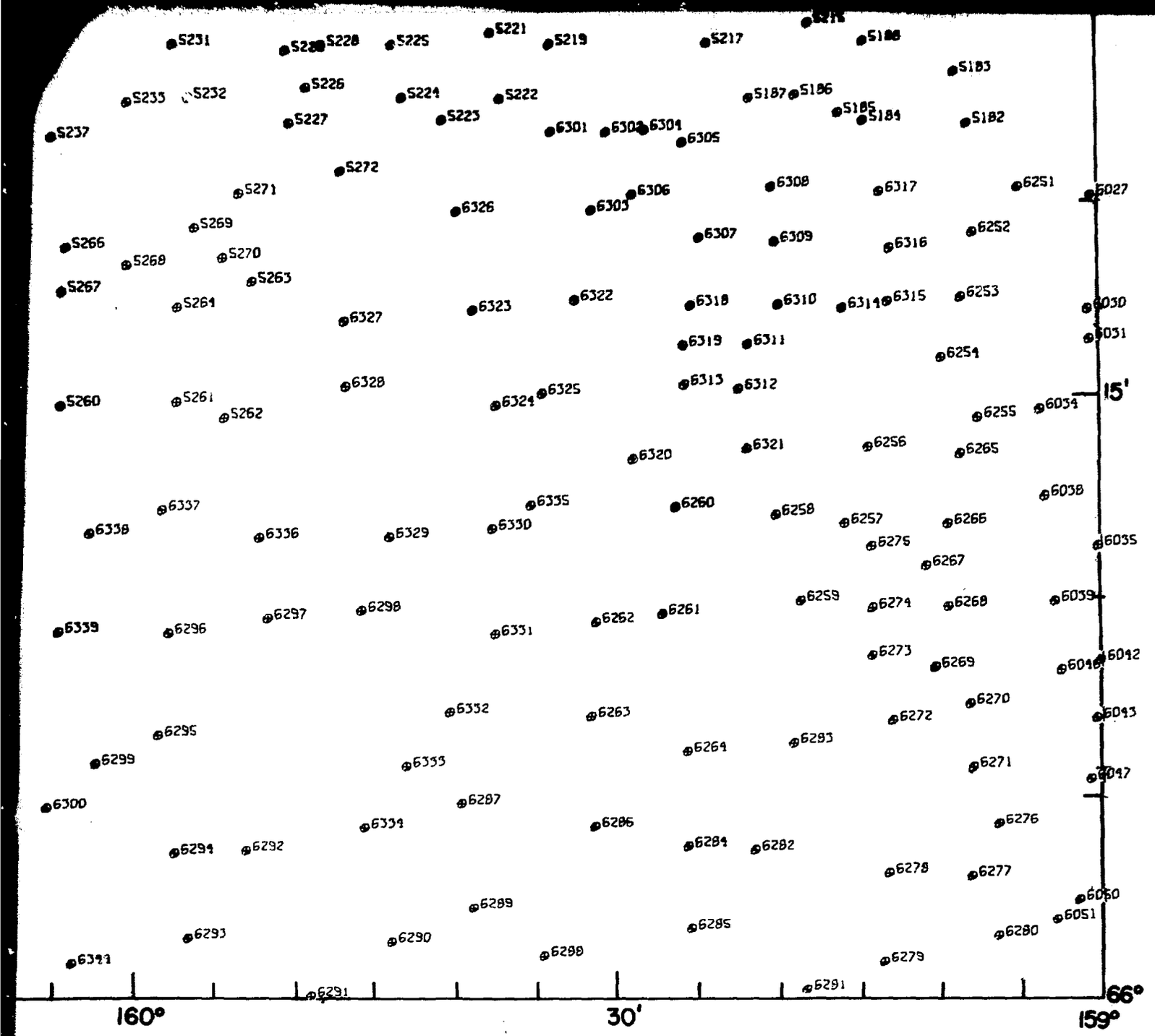
5 10 15 20 25 MILES

5 0 5 10 15 20 25 KILOMETERS

N

PLATE III

GEOCHEMICAL AND STREAM/LAKE SEDIMENT SAMPLE LOCATIONS IN AREA OF THE SELAWIK QUADRANGLE SEWARD PENINSULA, ALASKA



25 MILES

OMETERS

N

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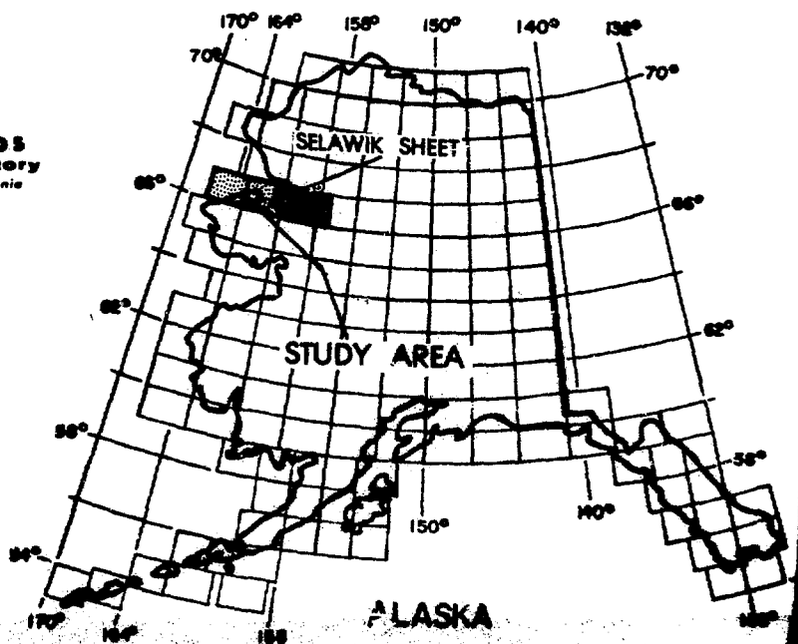
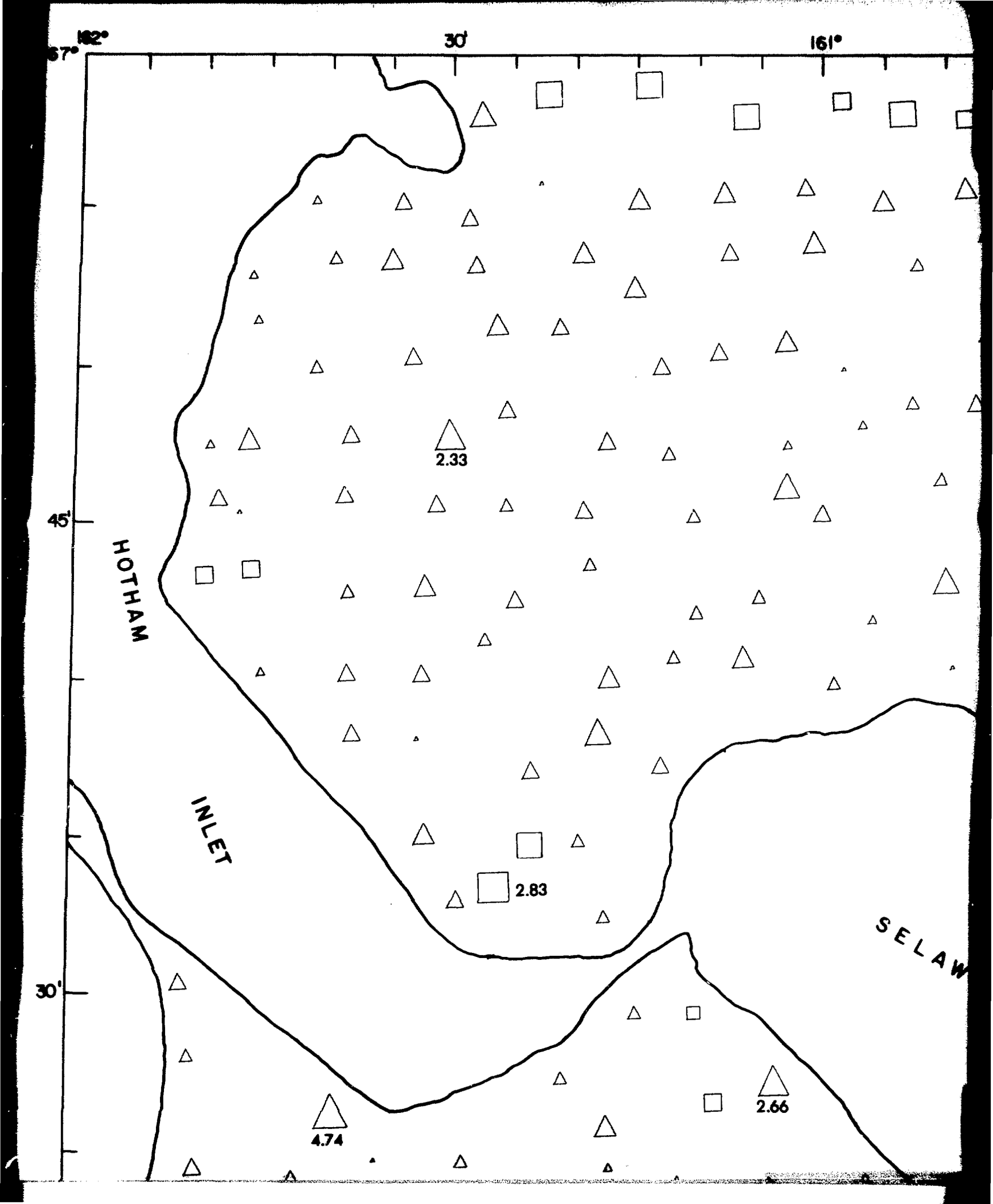


E SEDIMENT

RANGLE


162°
30'
161°
67°
45'
30'
HOTHAM
INLET
SELAW
2.33
2.83
4.74
2.66

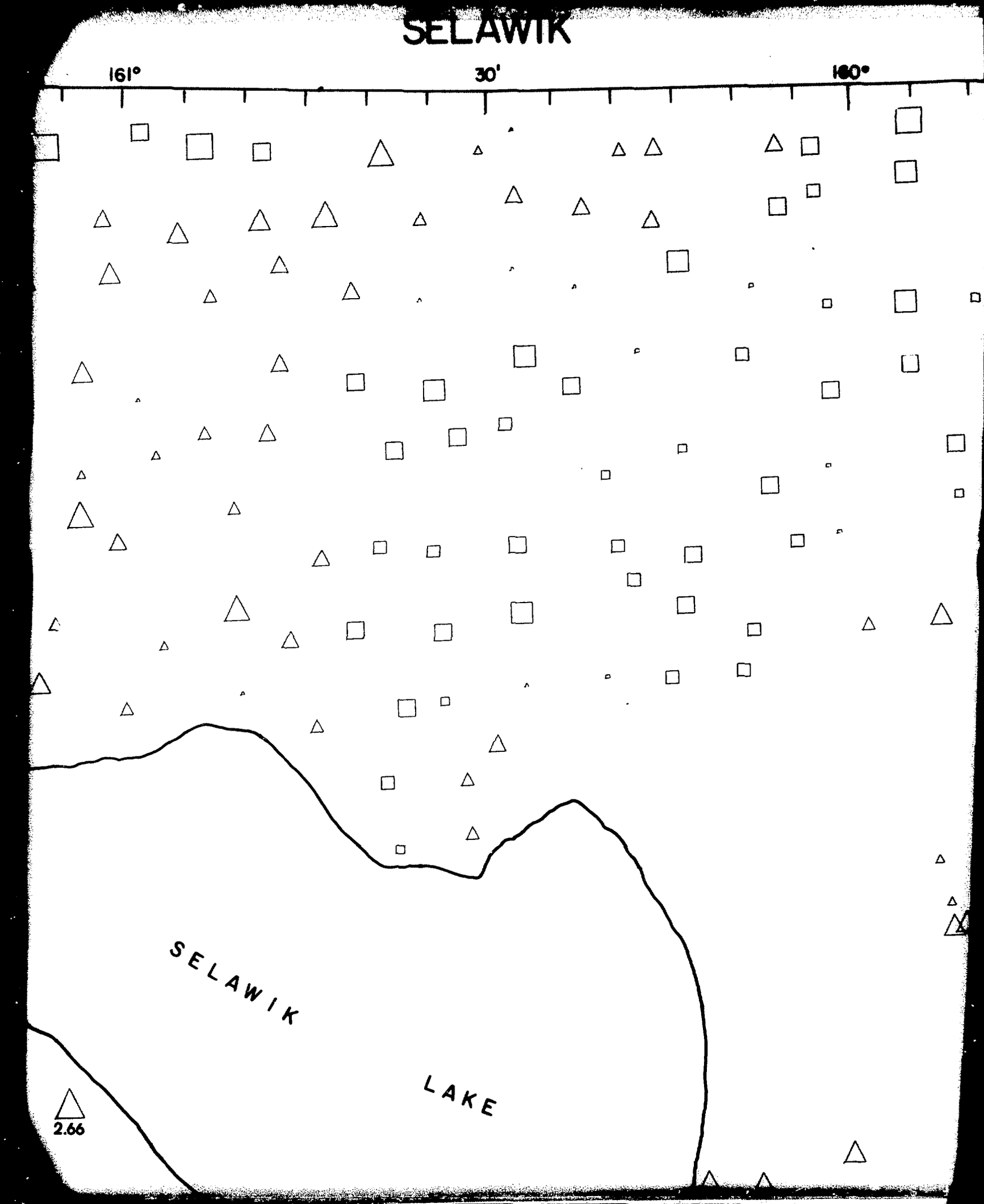
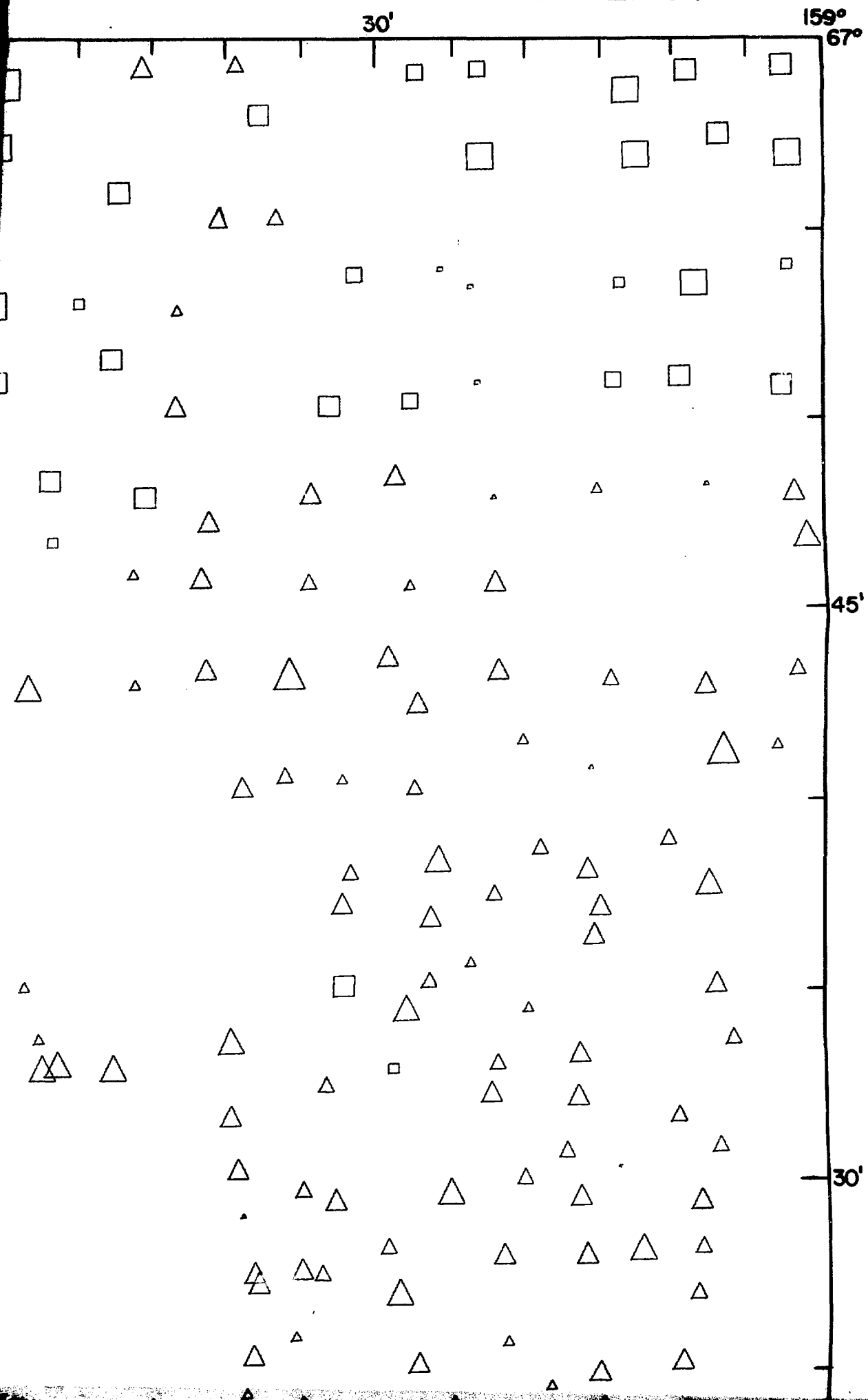
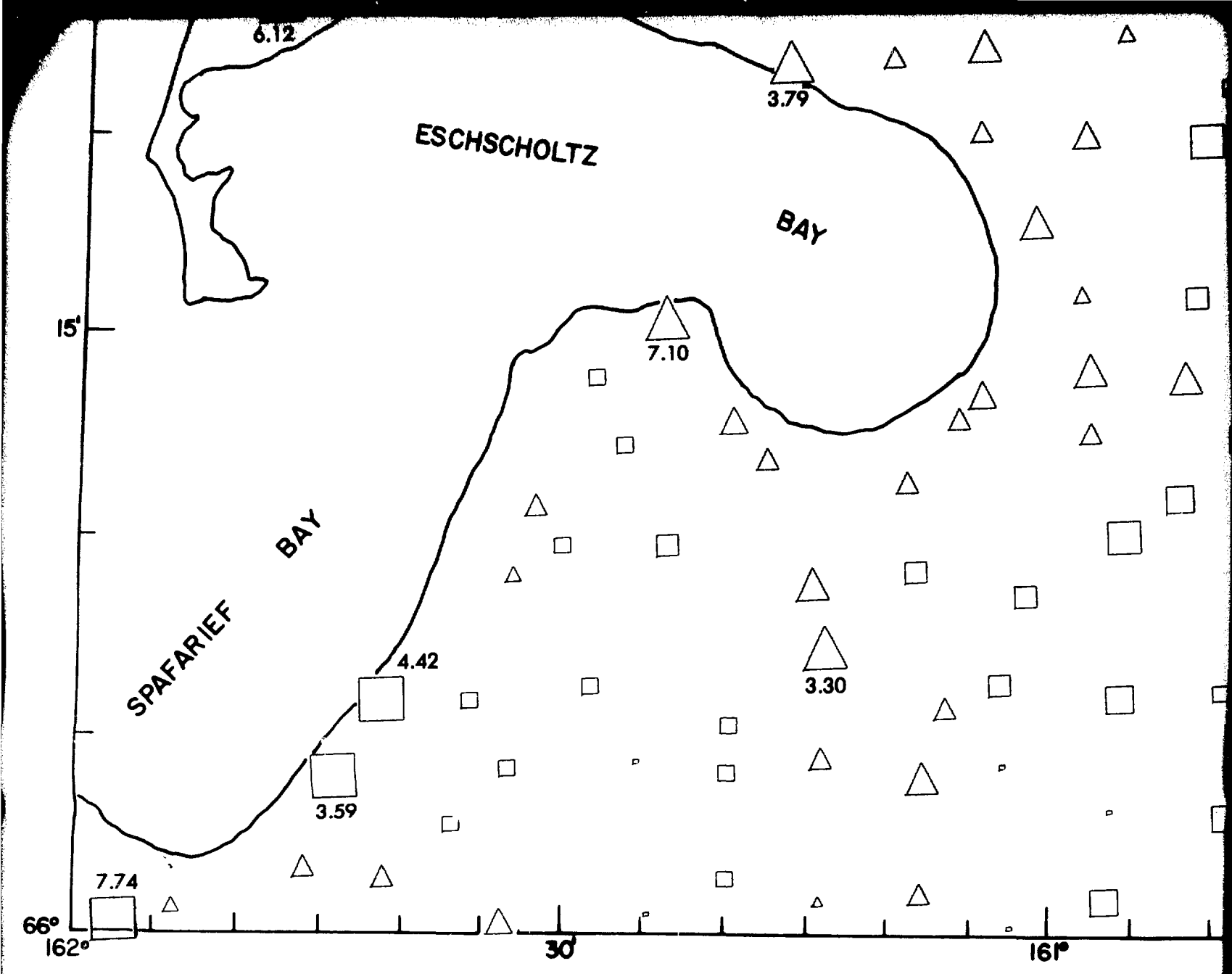

SELAWIK
161°
30'
160°
SELAWIK
LAKE
2.66

PLATE III-A





LEGEND

NATURAL LAKE WATERS	SURFACE STREAM WATERS	U (ppb)
▲	▫	≤0.01
△	□	>0.01–0.03
△	□	0.04–0.15
△	□	0.16–0.49
△	□	0.50–0.99
△	□	1.0 –1.99
△	□	2.0 –2.99
△	□	≥3.0

3.85 The numbers printed next to the symbols for the two largest concentration intervals are the measured uranium concentrations, in ppb, for those samples.

5 0

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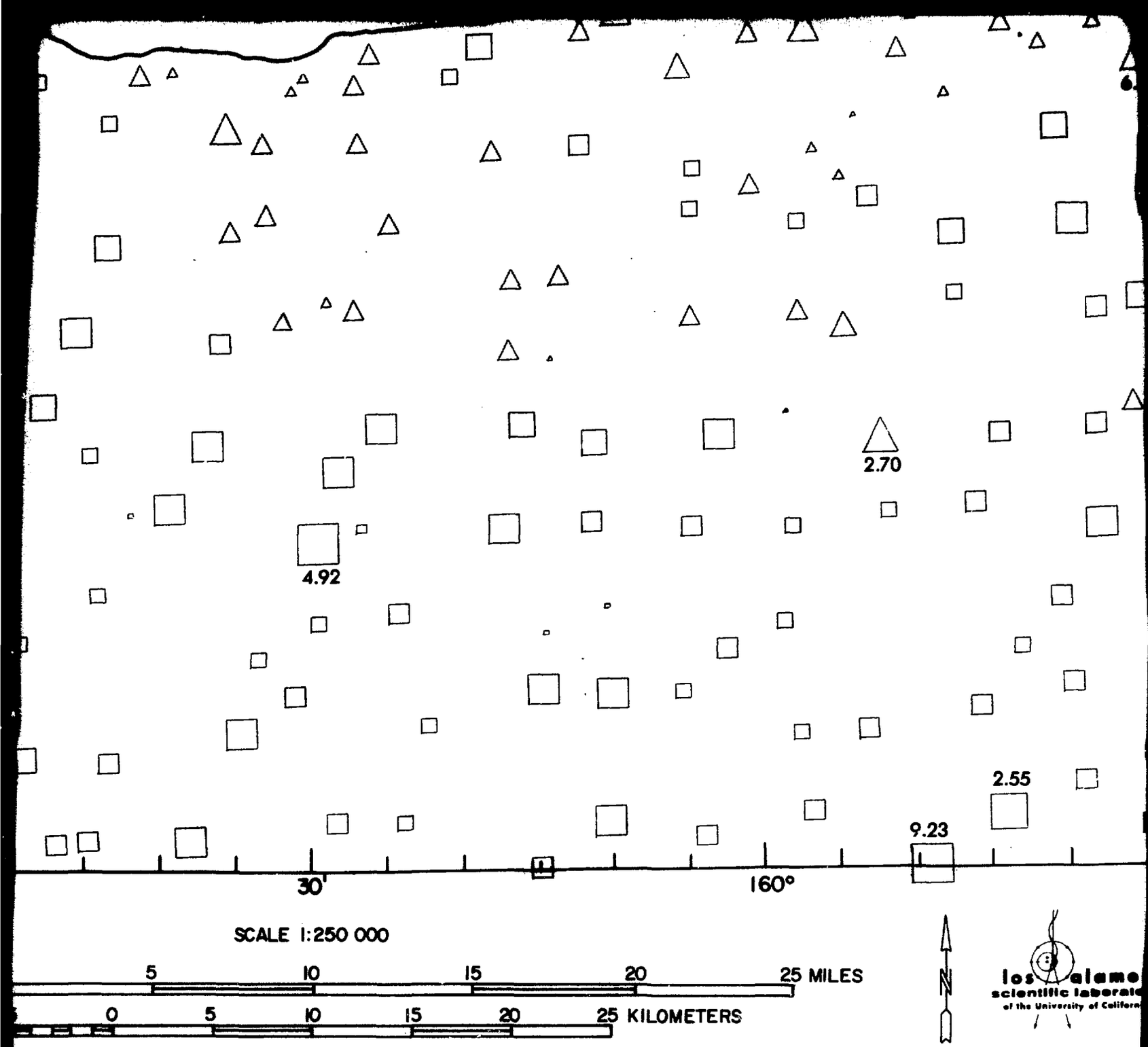
URANI

THE ARE



SCALE 1:250 000

5 10 15 20 25 MILES

0 5 10 15 20 25 KILOMETERS

N

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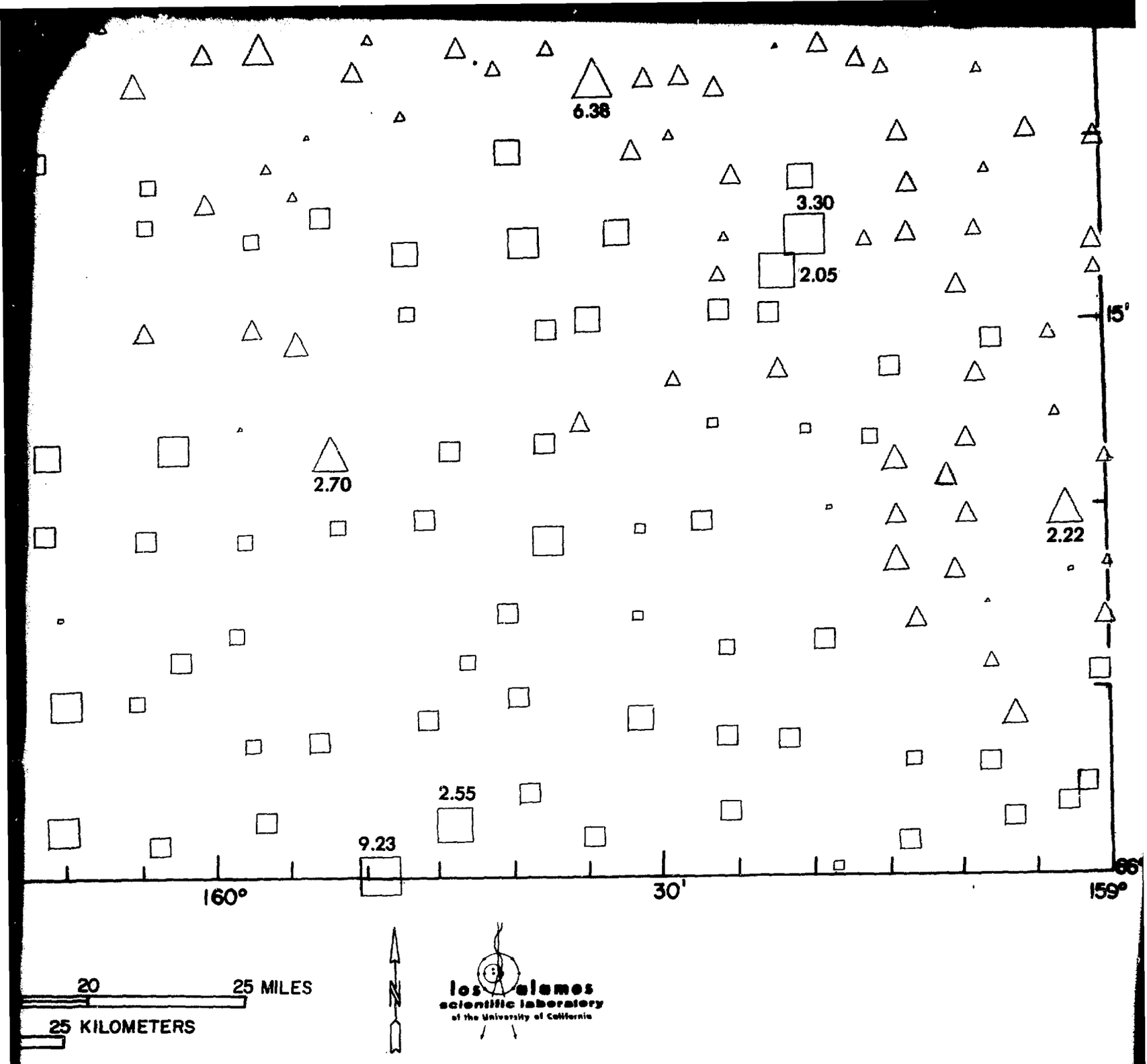
PLATE III-A

UM CONCENTRATIONS (ppb) IN WATERS IN EA OF THE SELAWIK QUADRANGLE SEWARD PENINSULA, ALASKA



20 25 MILES

25 KILOMETERS

N

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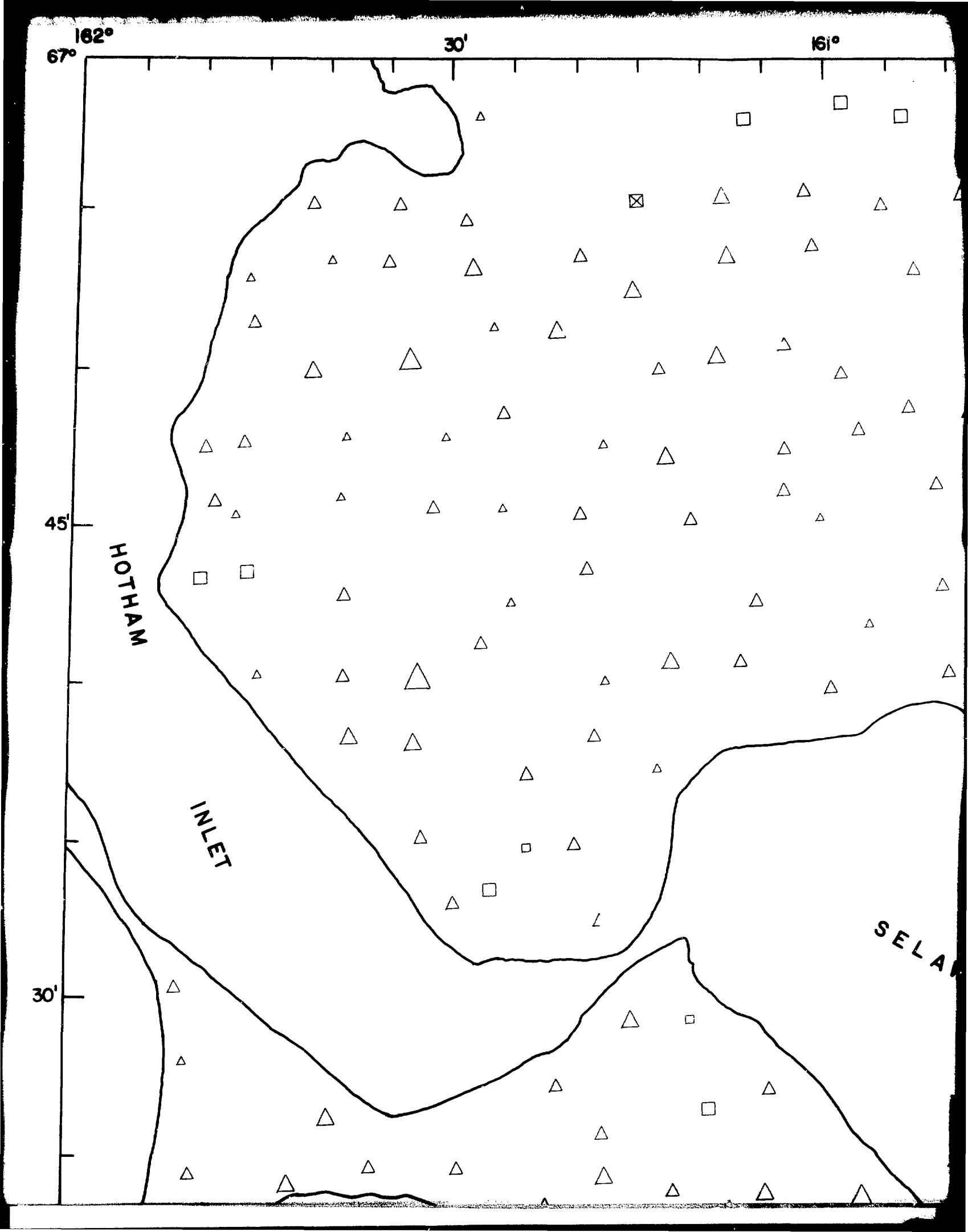
of the University of California

N WATERS

UADRANGLE
SKA


162°
30'
161°
67°
45'
30'
HOTHAM
INLET

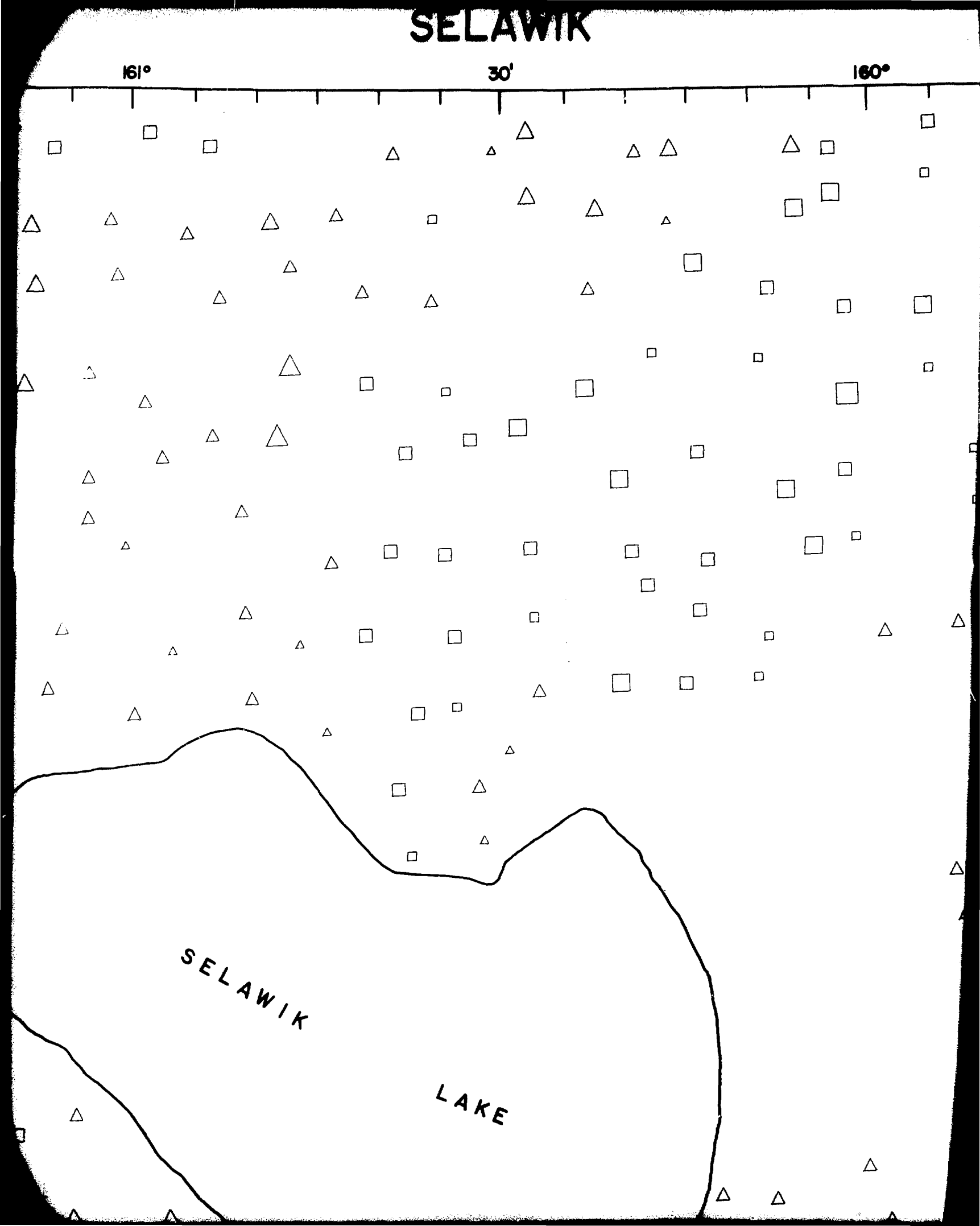
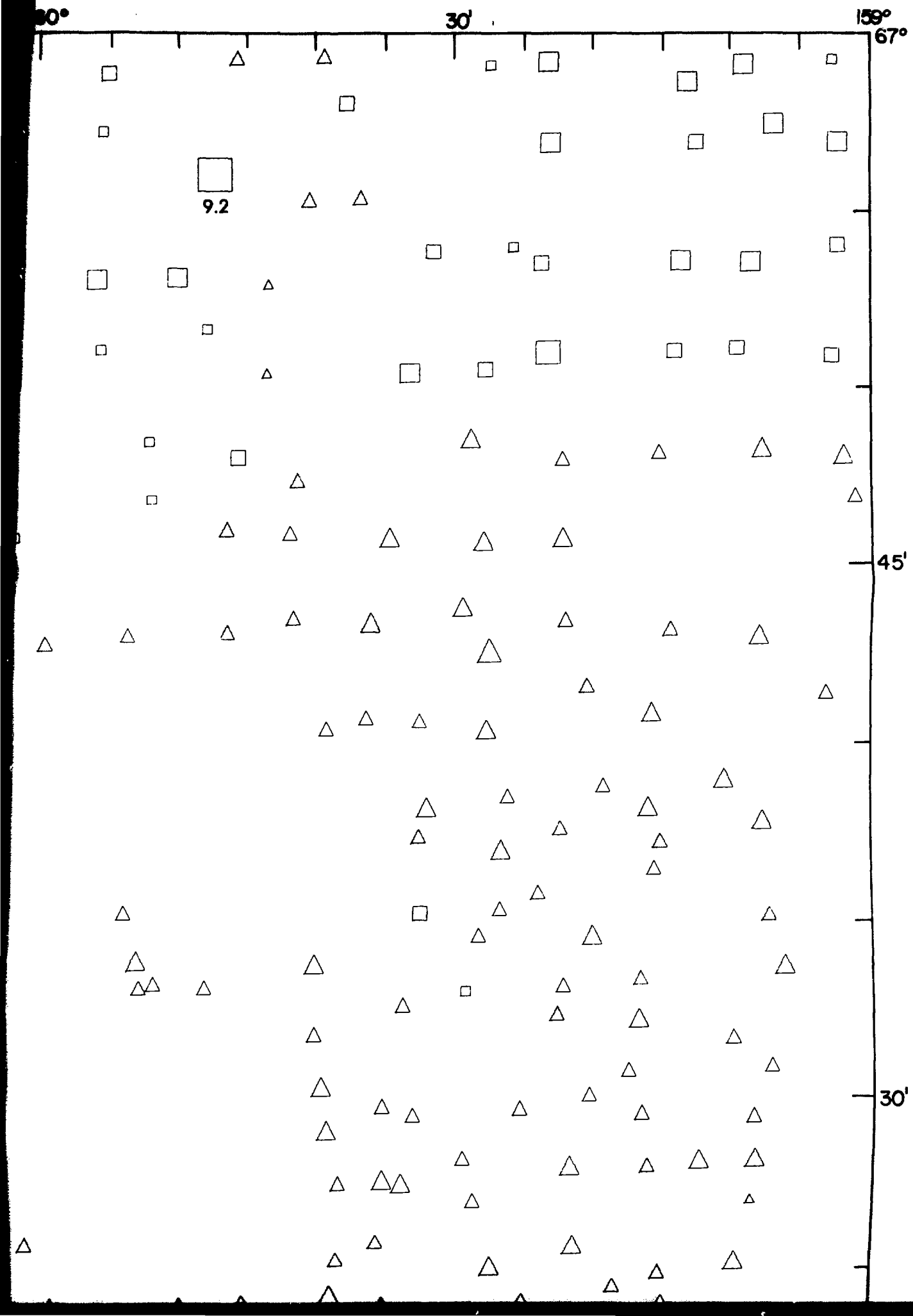
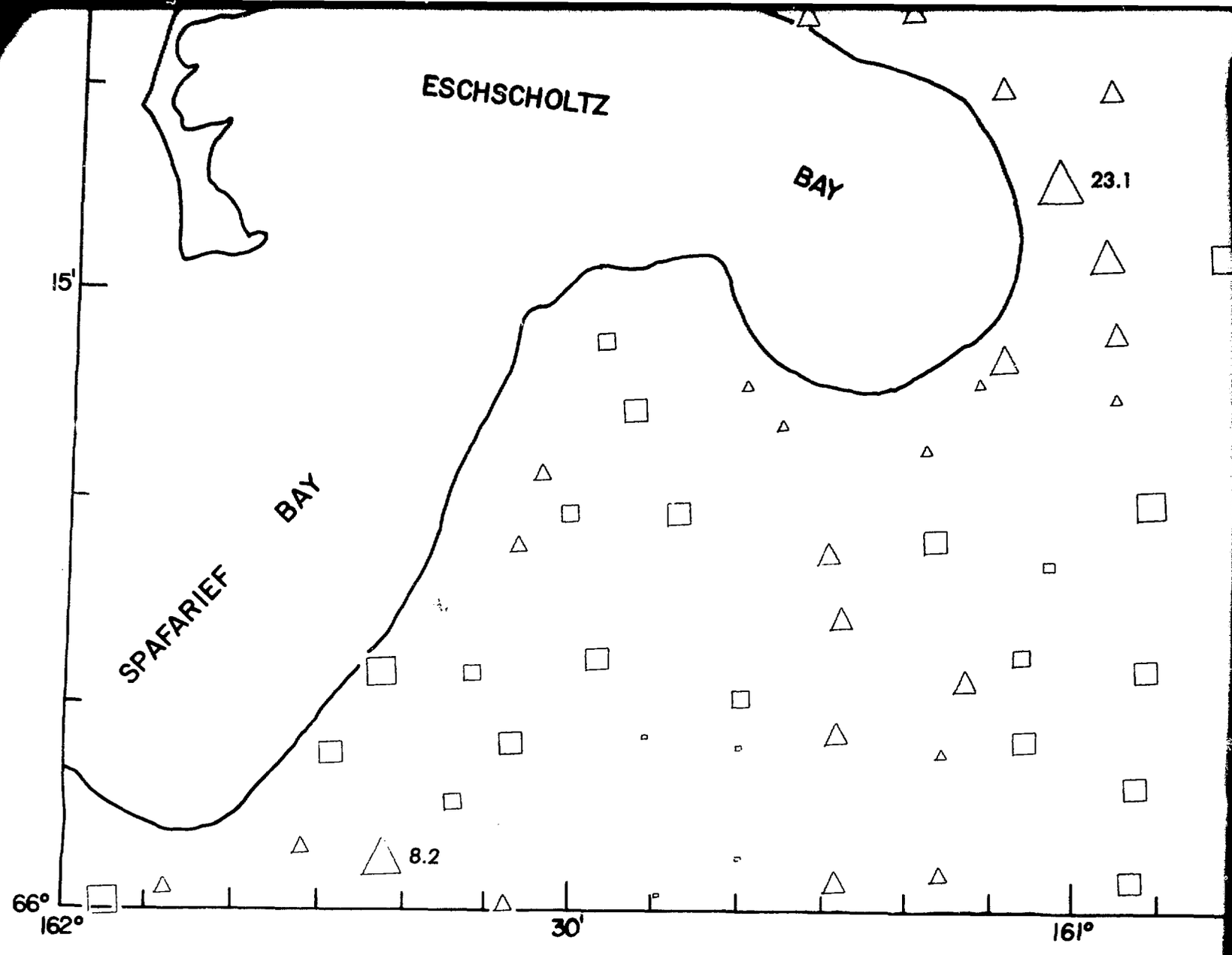

SELAWIK
161°
30'
160°
SELAWIK
LAKE

PLATE III-B





LEGEND

NATURAL LAKE SEDIMENT	WET STREAM SEDIMENT	DRY STREAM SEDIMENT	U(ppm)
△	□	■	≤ 1.25
△	□	▣	1.26 - 2.50
△	□	⊠	2.51 - 3.25
△	□	⊠	3.26 - 4.00
△	□	⊠	4.01 - 5.50
△	□	⊠	5.51 - 8.00
△	□	⊠	8.01 - 16.00
△	□	⊠	> 16.00

37.7 The numbers printed next to the symbols for the two largest concentration intervals are the measured uranium concentrations, in ppm, for those samples.

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URANIUM

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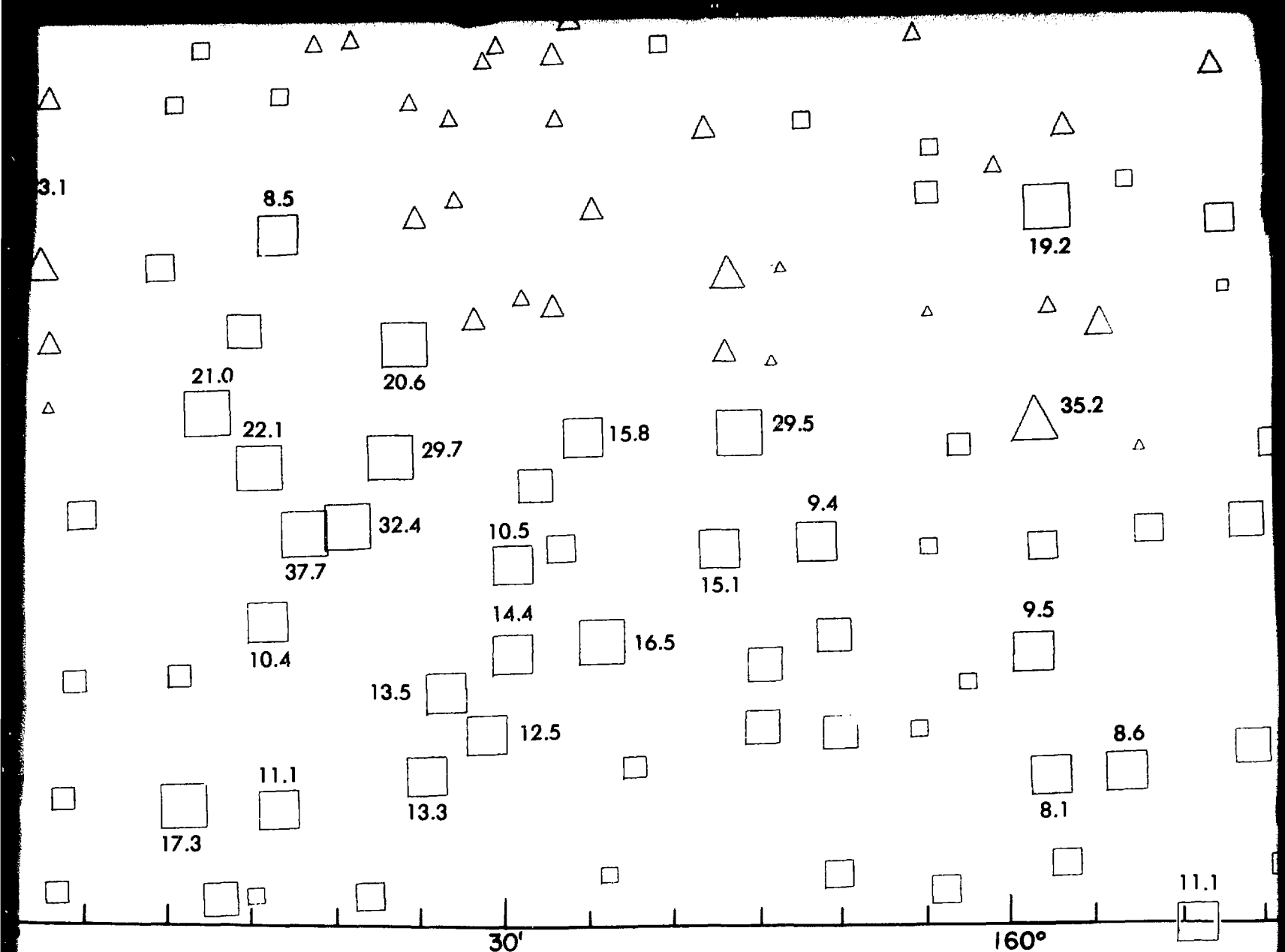


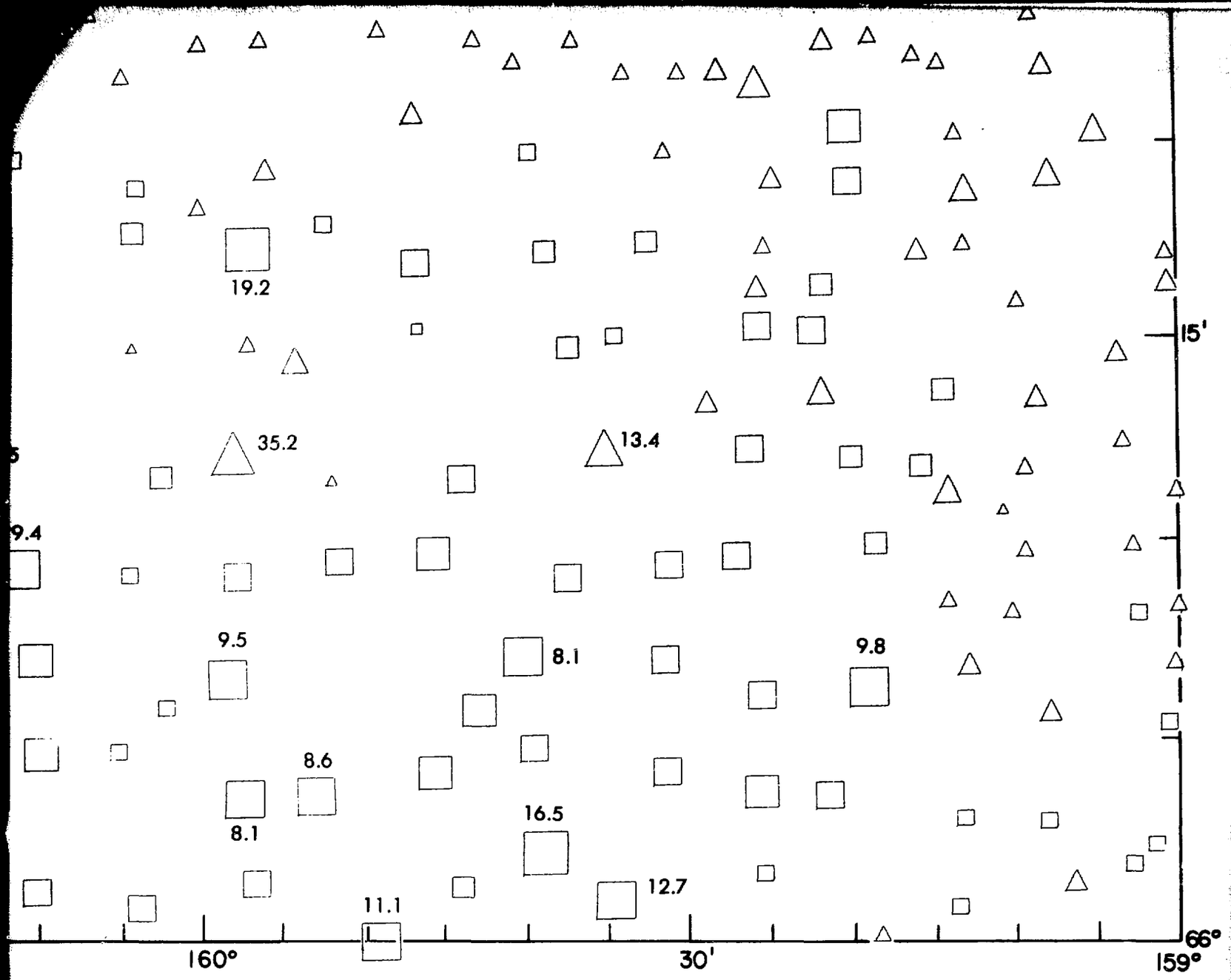
SCALE 1:250 000

0 5 10 15 20 25 MILES

5 0 5 10 15 20 25 KILOMETERS

PLATE III-B

ANIUM CONCENTRATIONS (ppm) IN SEDIMENTS IN AREA OF THE SELAWIK QUADRANGLE SEWARD PENINSULA, ALASKA



20 25 MILES

25 KILOMETERS

N

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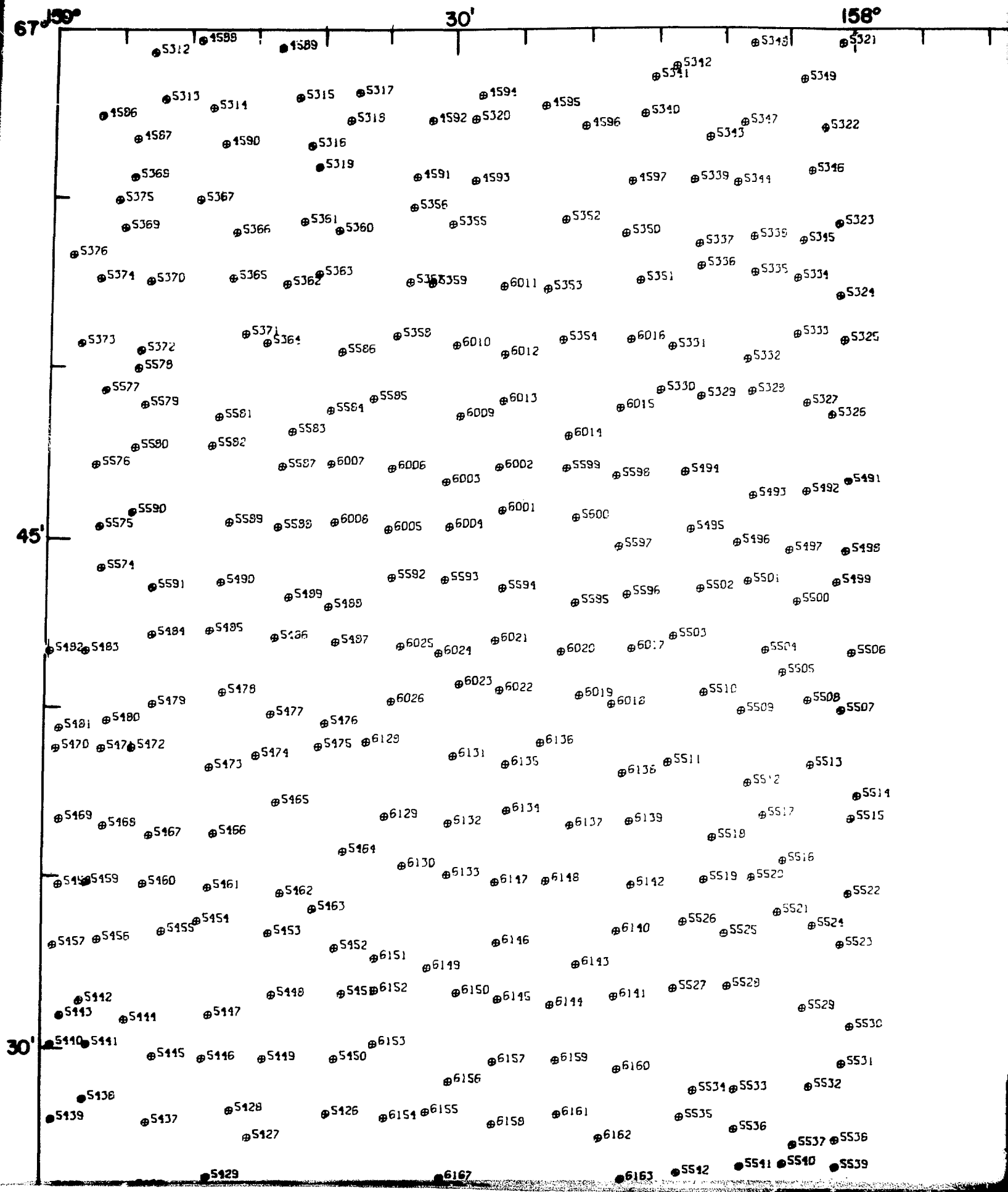
EDIMENTS

DRANGLE

A

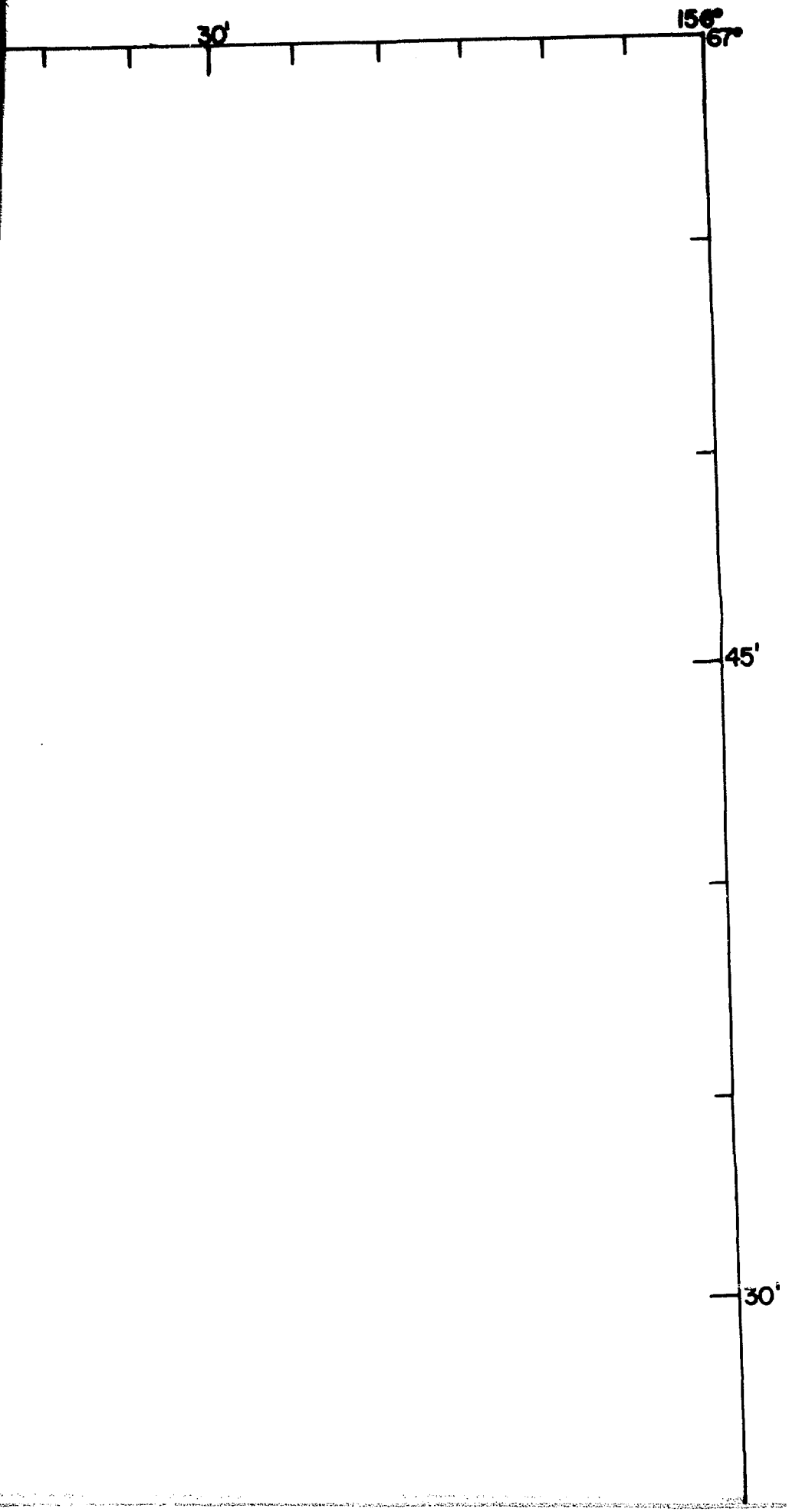

67°
30'
158°
45'
30'

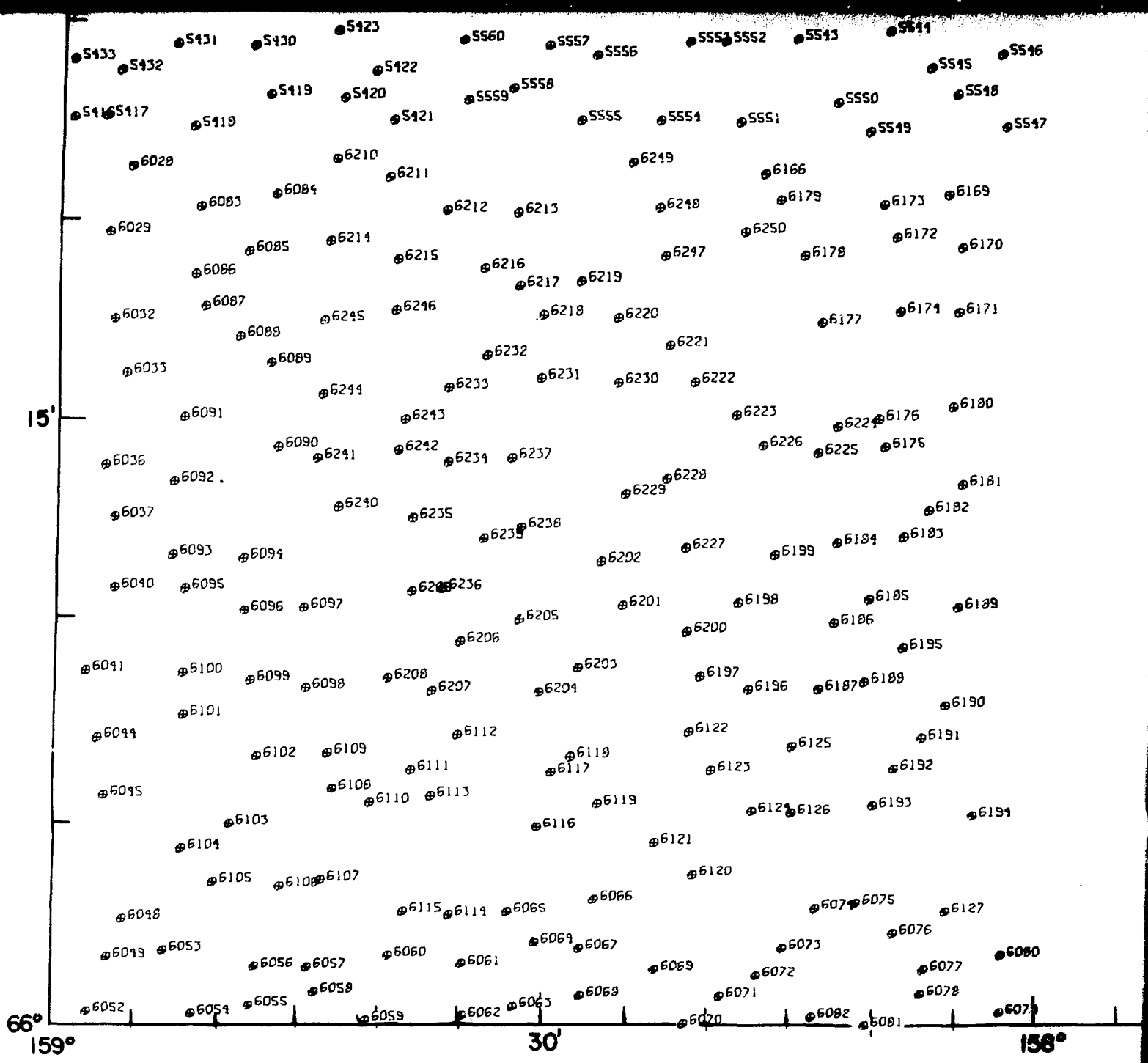
SHUNGNAK

30'

157°

PLATE IV





NURE HYDR

THE AREA OF T

SCALE 1:250 000

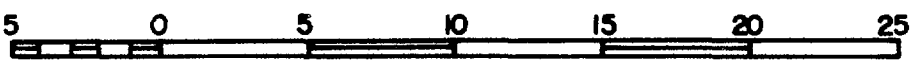


PLATE IV

HYDROGEOCHEMICAL AND STREAM/LAKE SEDIMENT SAMPLE LOCATIONS IN THE SHUNGNAK QUADRANGLE (WEST THIRD)

15'

66°

156°

157°

30'

25 MILES

TERS

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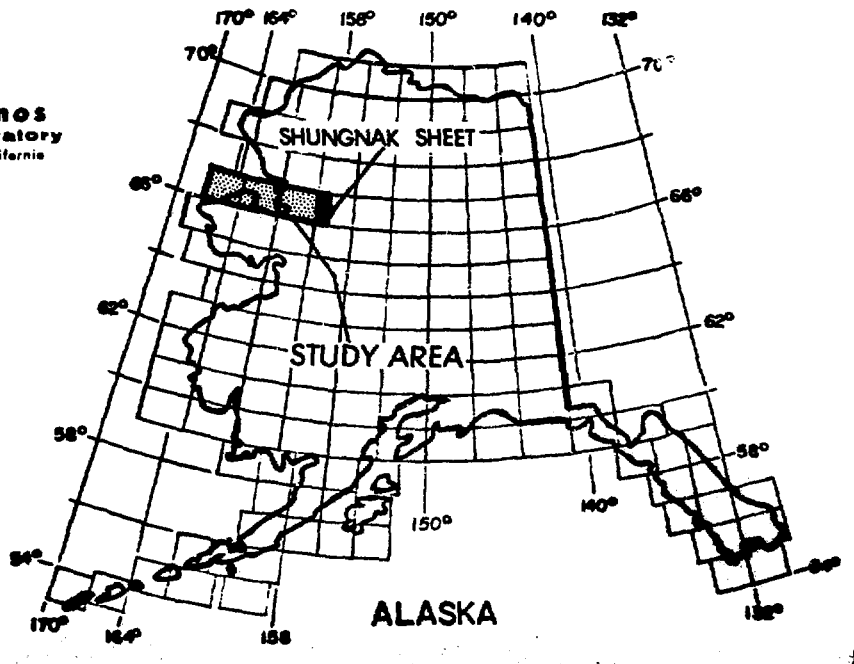
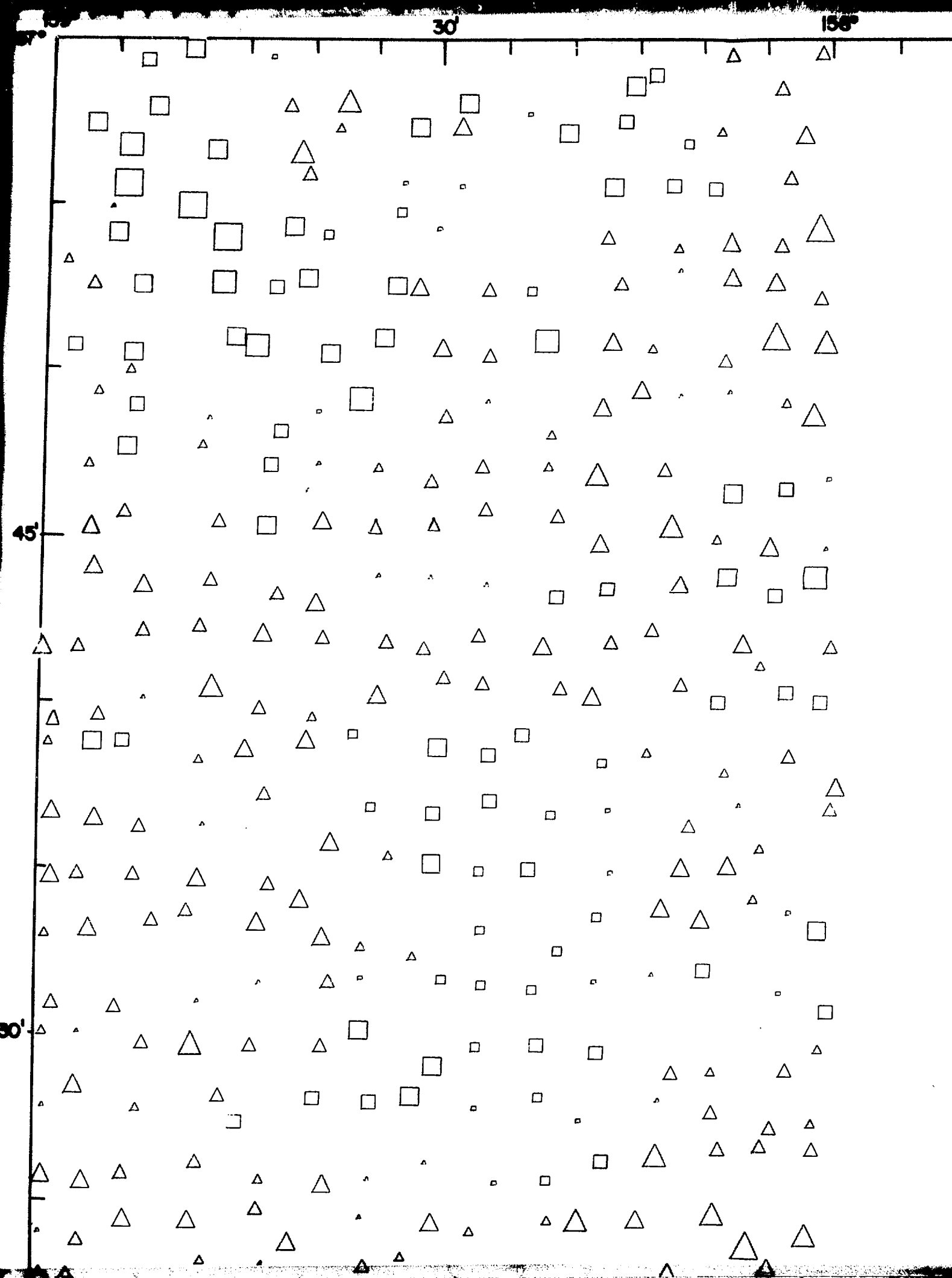


SEDIMENT

EST THIRD)


30'
45'
30'

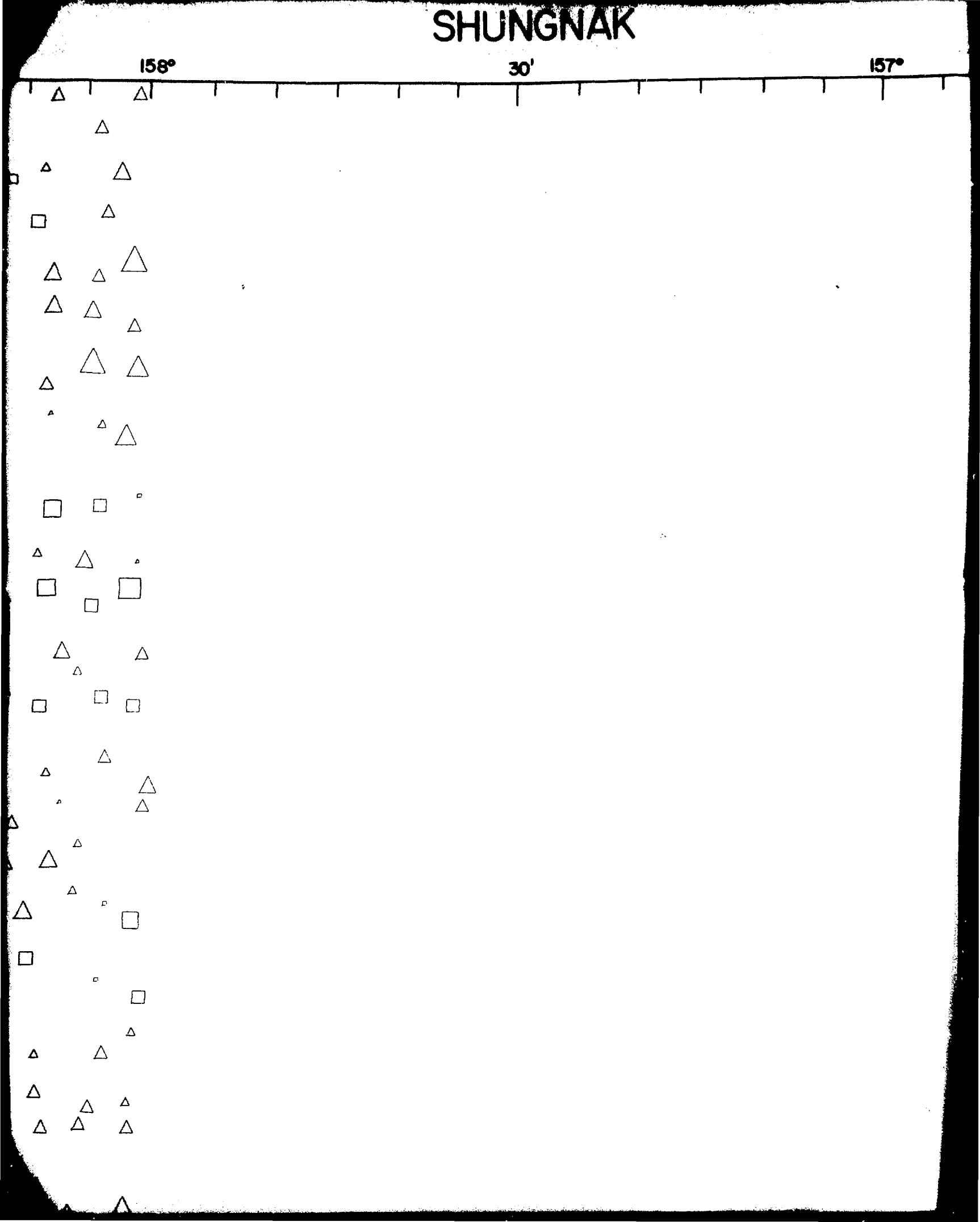
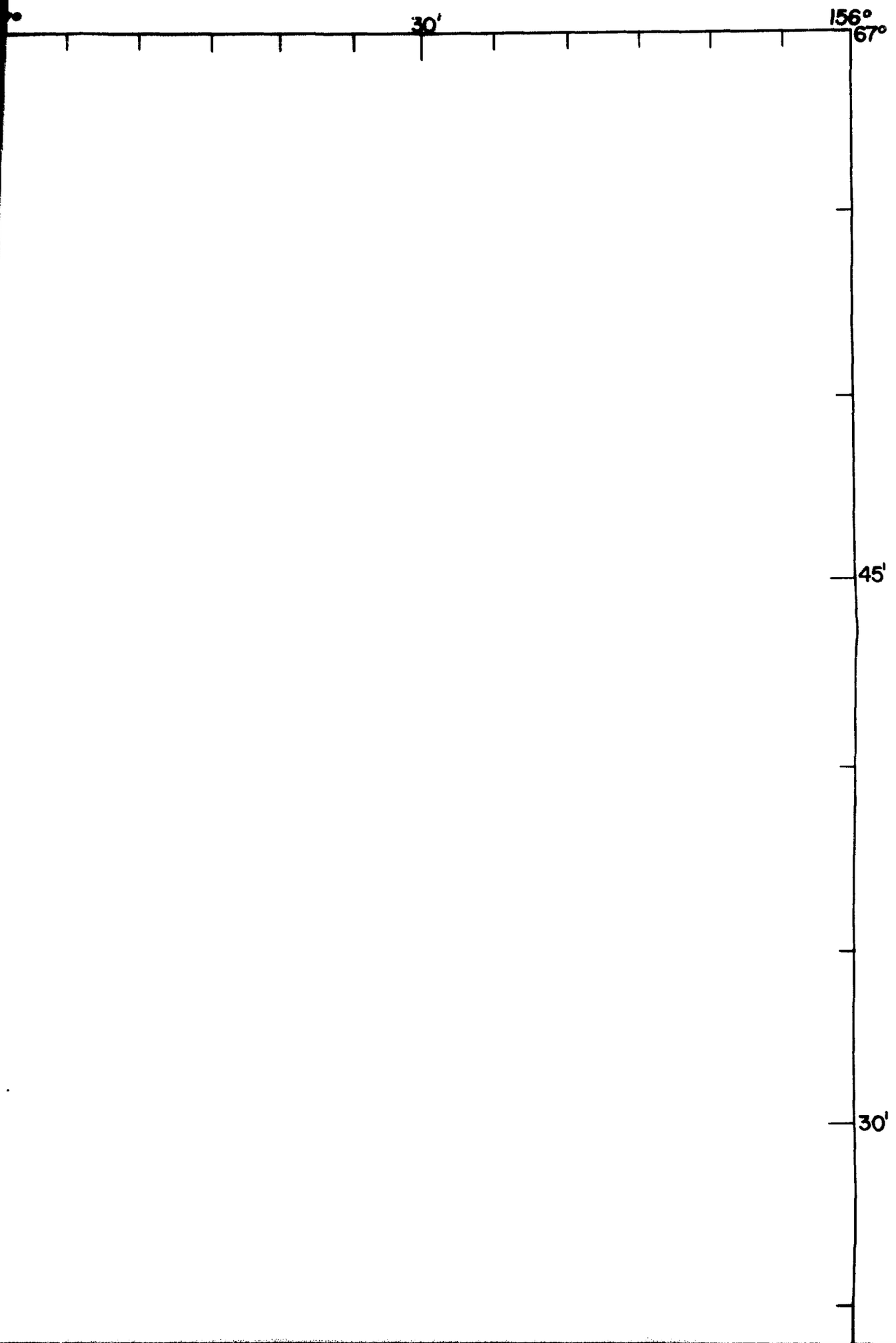
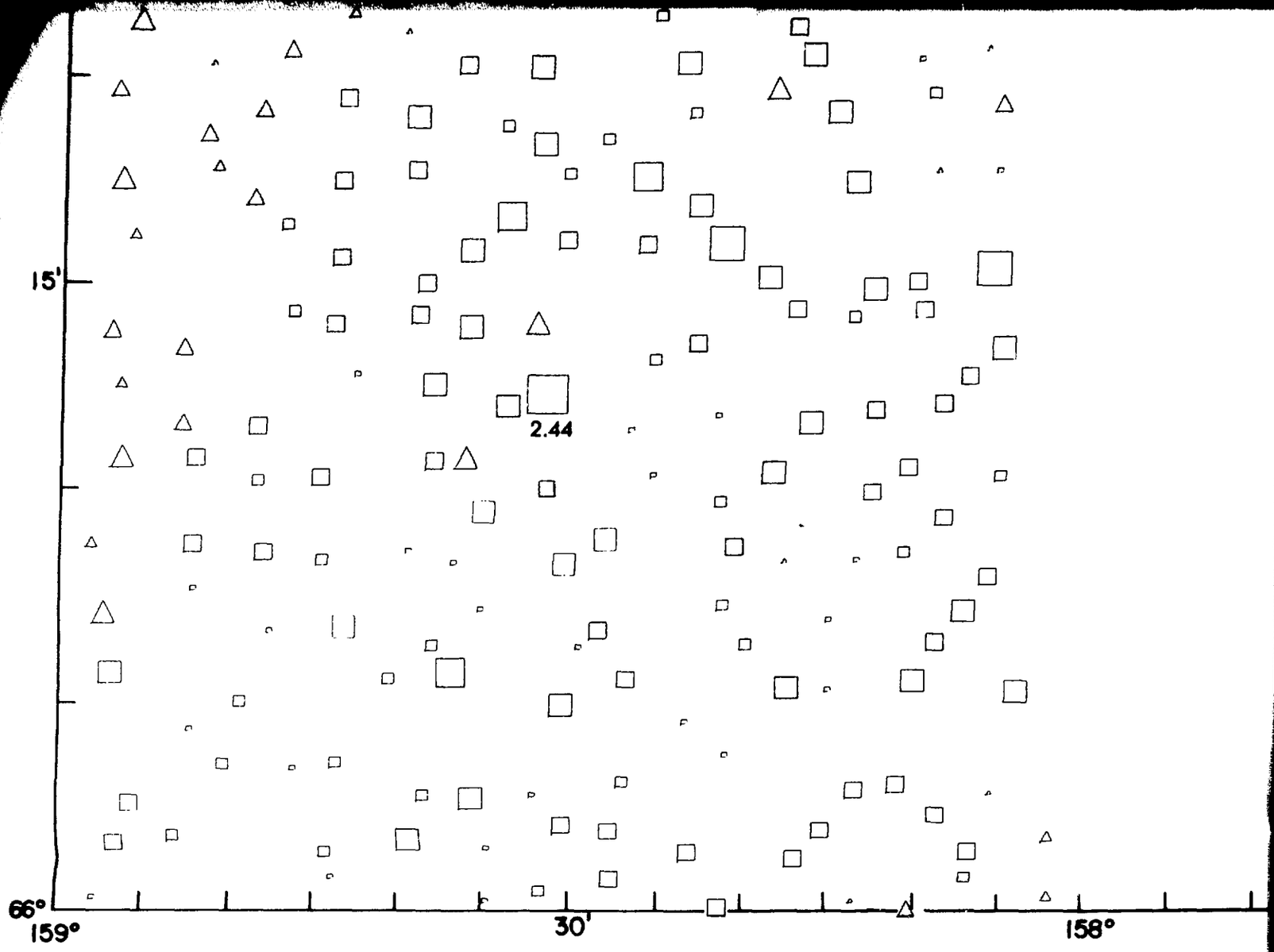

SHUNGNAK
158°
30'
157°

PLATE IV-A





3.85 The numbers printed next to the symbols for the two largest concentration intervals are the measured uranium concentrations, in ppb, for those samples.

5 0 5

LEGEND

NATURAL LAKE WATERS	SURFACE STREAM WATERS	U (ppb)
▲	▫	≤0.01
△	□	>0.01–0.03
△	□	0.04–0.15
△	□	0.16–0.49
△	□	0.50–0.99
△	□	1.0 –1.99
△	□	2.0 –2.99
△	□	5.3.0

URANI

THE AREA OF

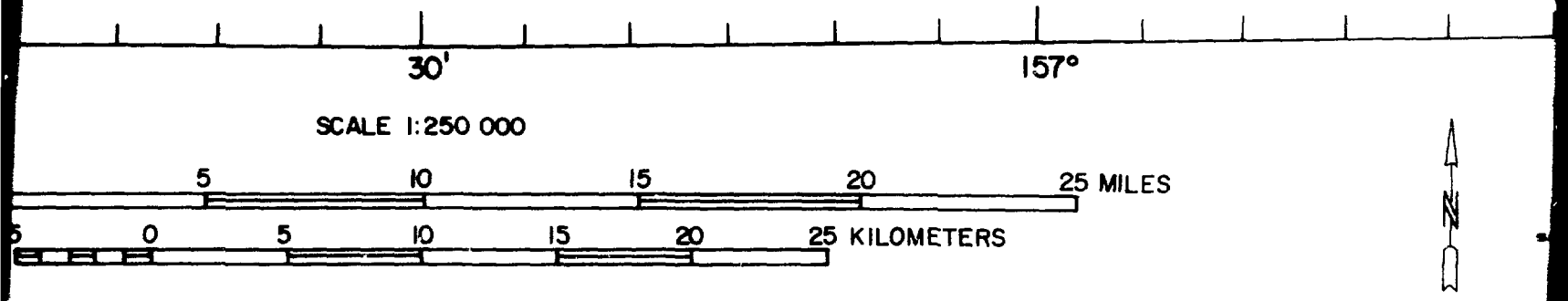
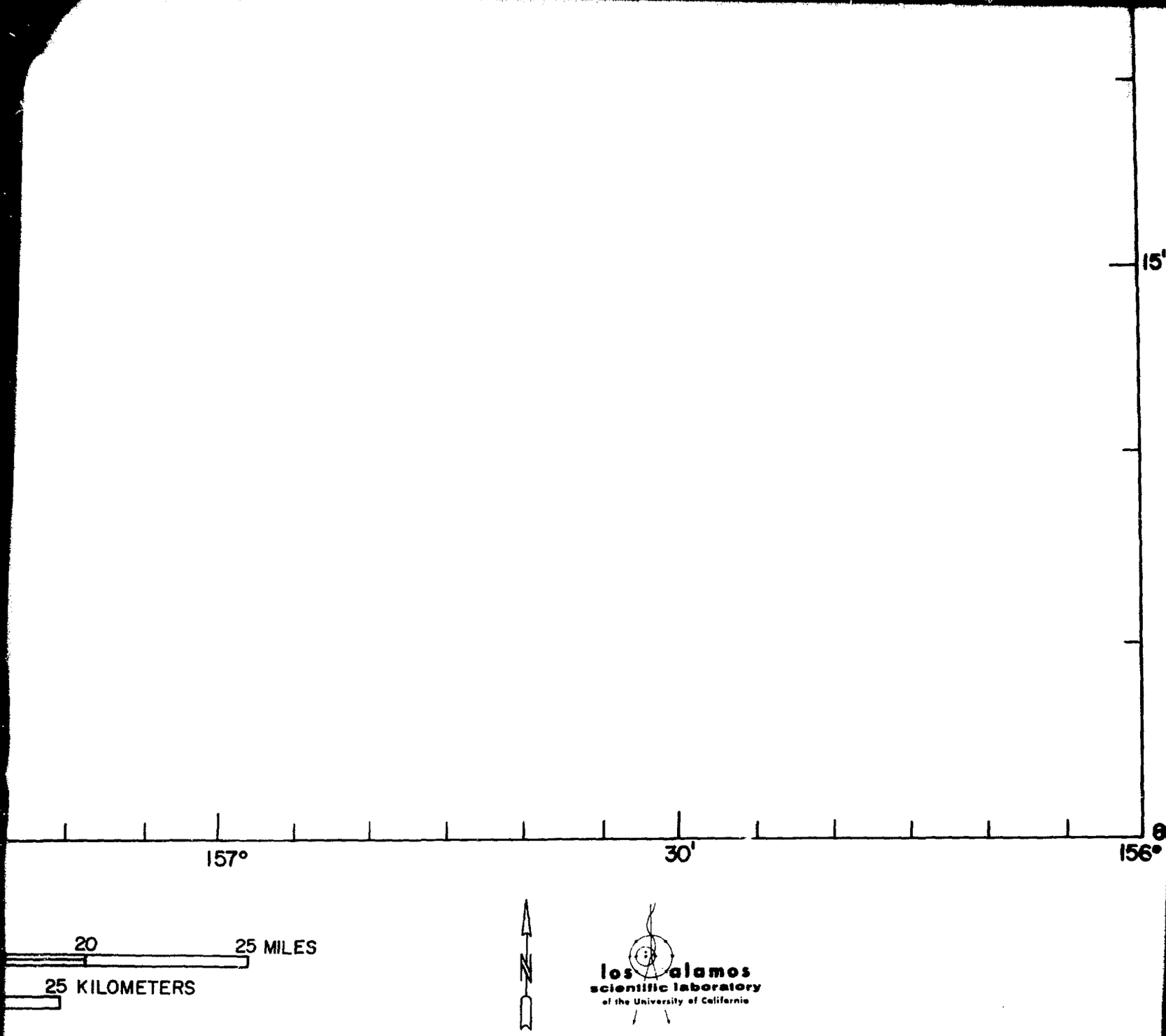


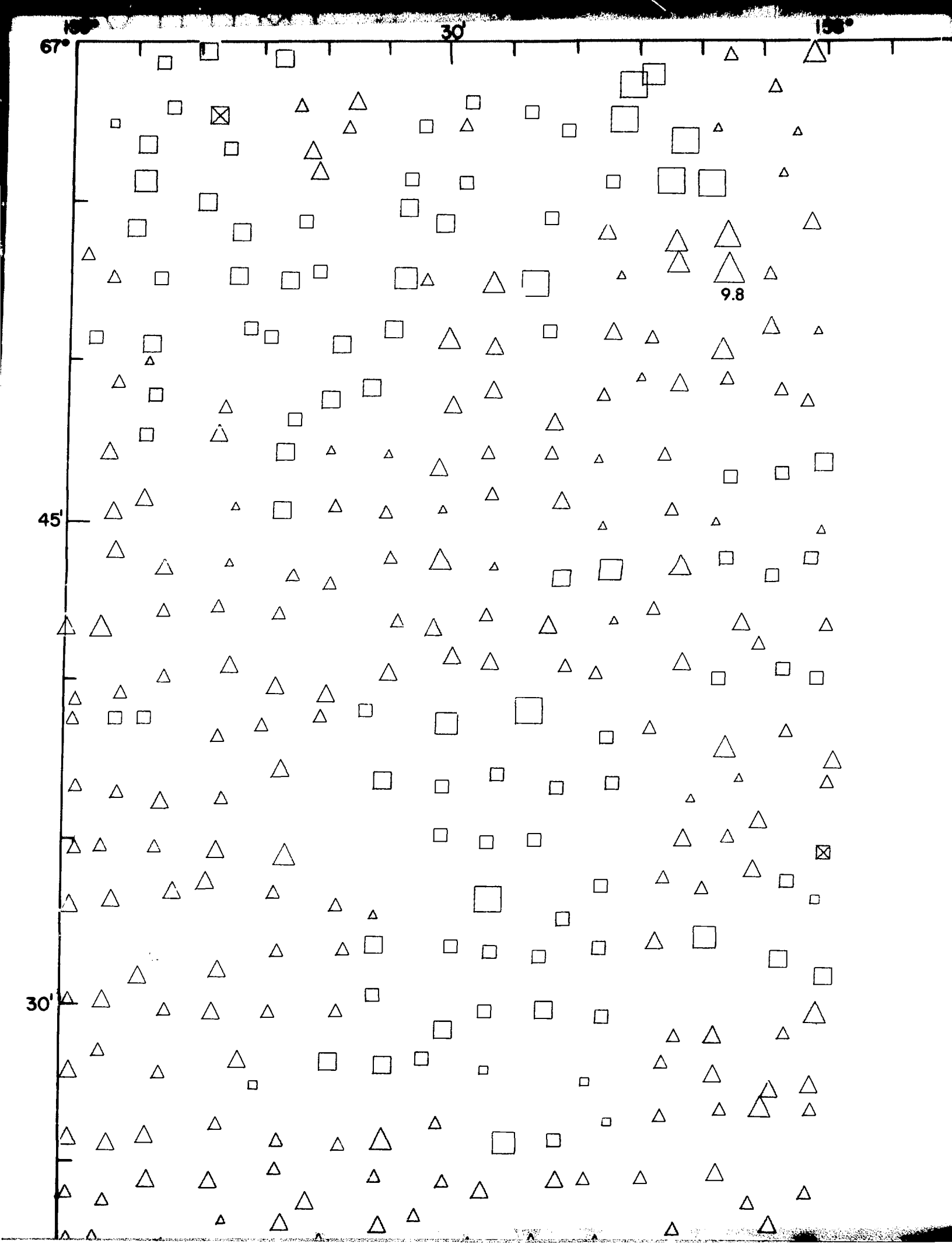
PLATE IV-A

UM CONCENTRATIONS (ppb) IN WATERS
IN
THE SHUNGNAK QUADRANGLE (WEST THIRD)
SEWARD PENINSULA, ALASKA



N WATERS

NGLE (WEST THIRD)
SKA


30'
67°
45'
30'
9.8

SHUNGNAK

158° 30' 157°

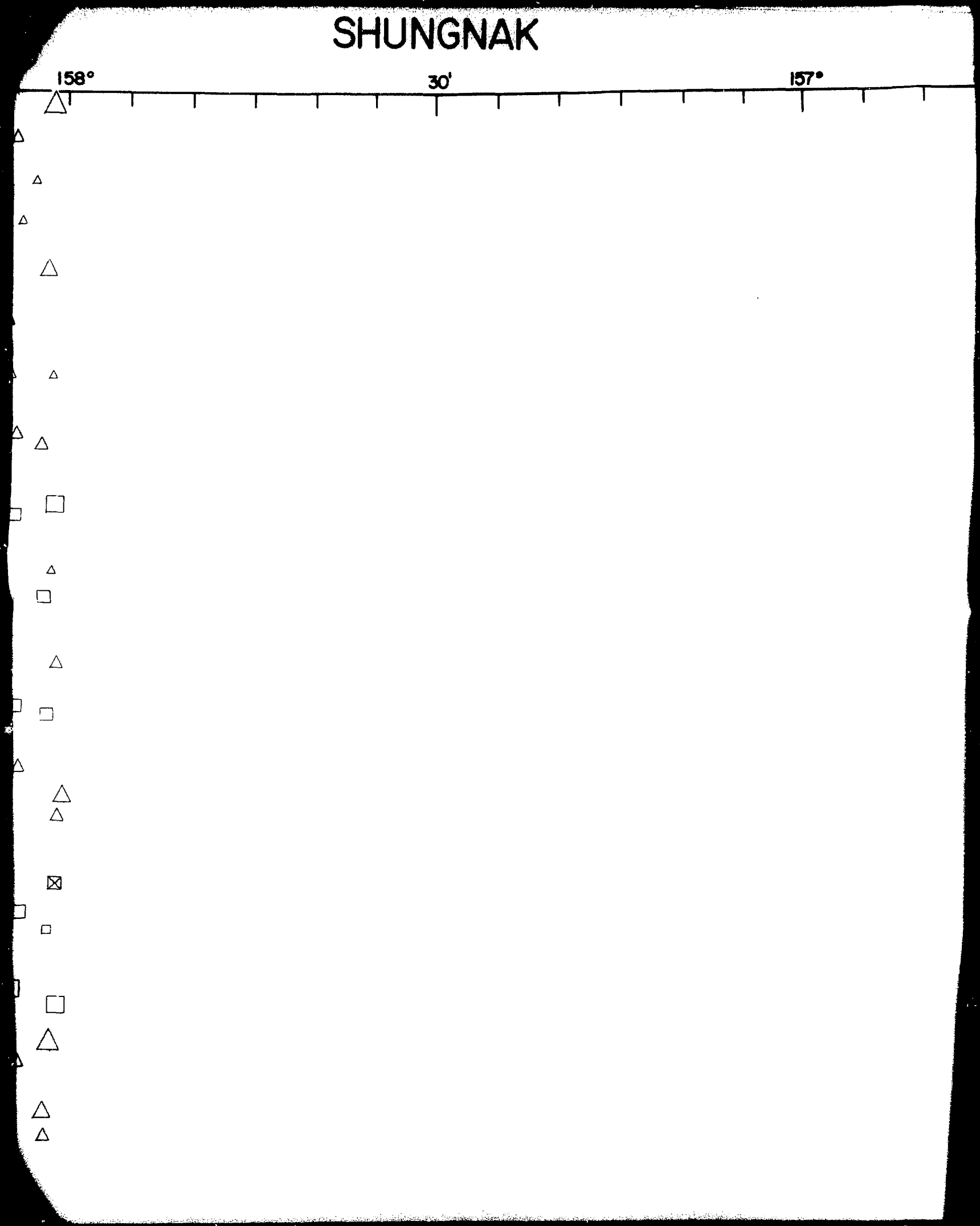
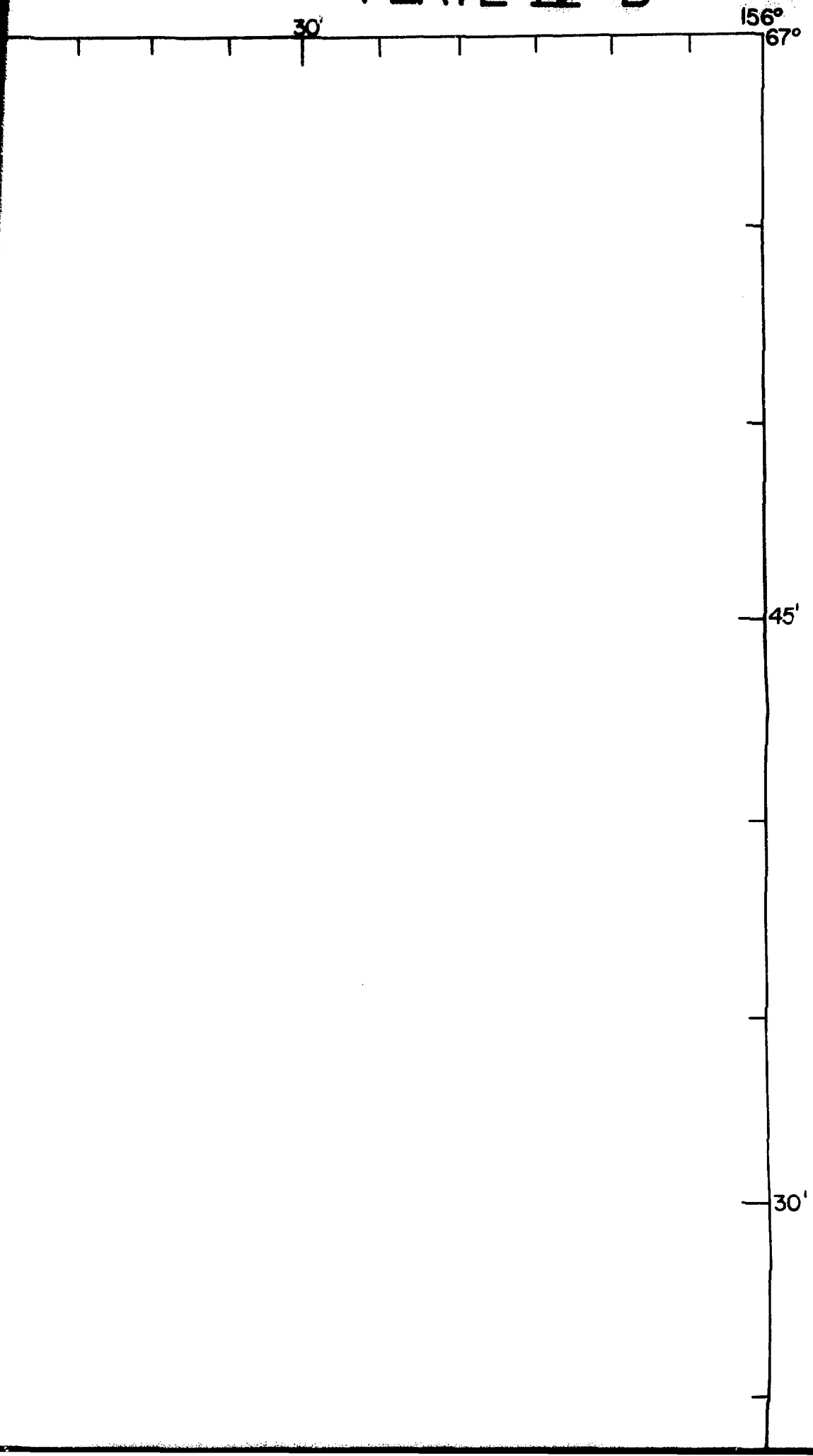
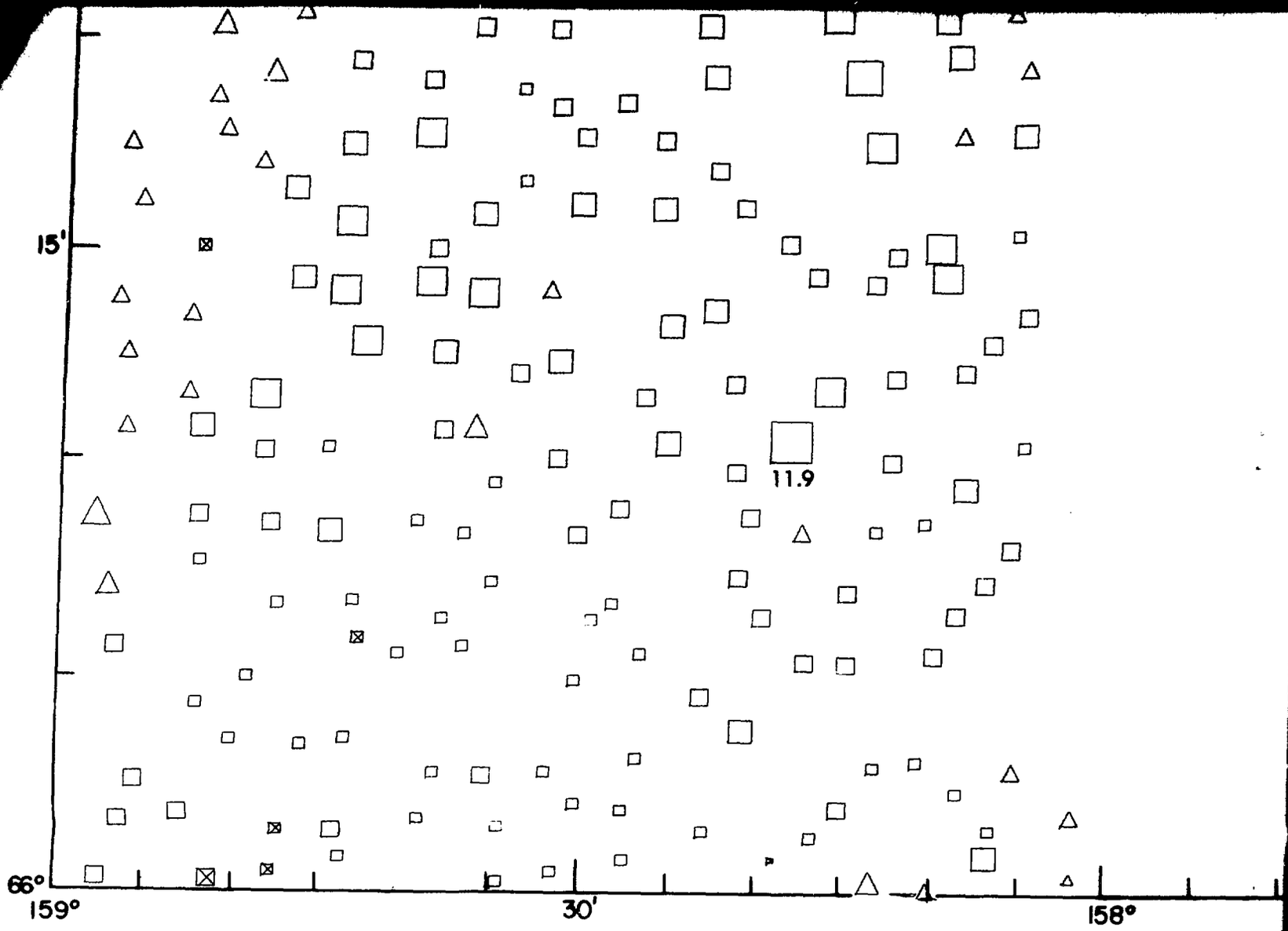


PLATE IV-B





37.7 The numbers printed next to the symbols for the two largest concentration intervals are the measured uranium concentrations, in ppm, for those samples.

5 0

LEGEND

NATURAL LAKE SEDIMENT	WET STREAM SEDIMENT	DRY STREAM SEDIMENT	U(ppm)
△	□	■	≤ 1.25
△	□	⊠	1.26 - 2.50
△	□	⊠	2.51 - 3.25
△	□	⊠	3.26 - 4.00
△	□	⊠	4.01 - 5.50
△	□	⊠	5.51 - 8.00
△	□	⊠	8.01 - 16.00
△	□	⊠	> 16.00

URANIUM

THE AREA OF TH

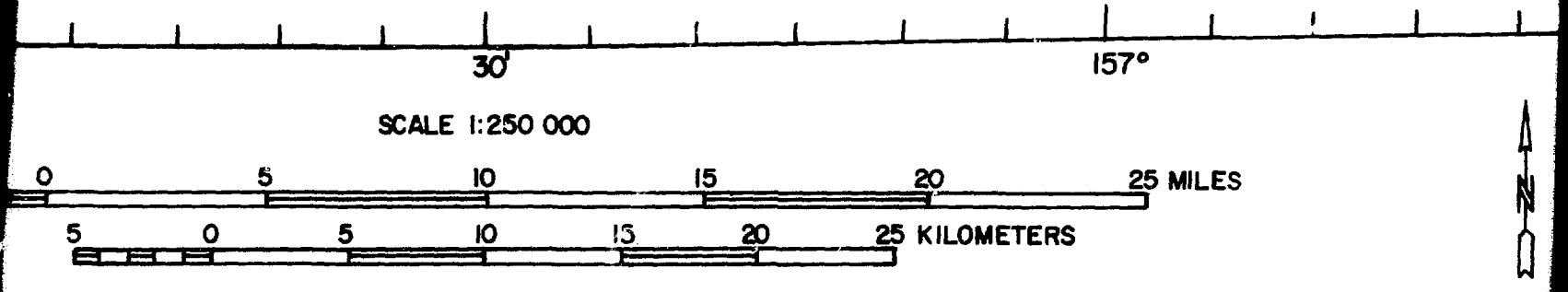
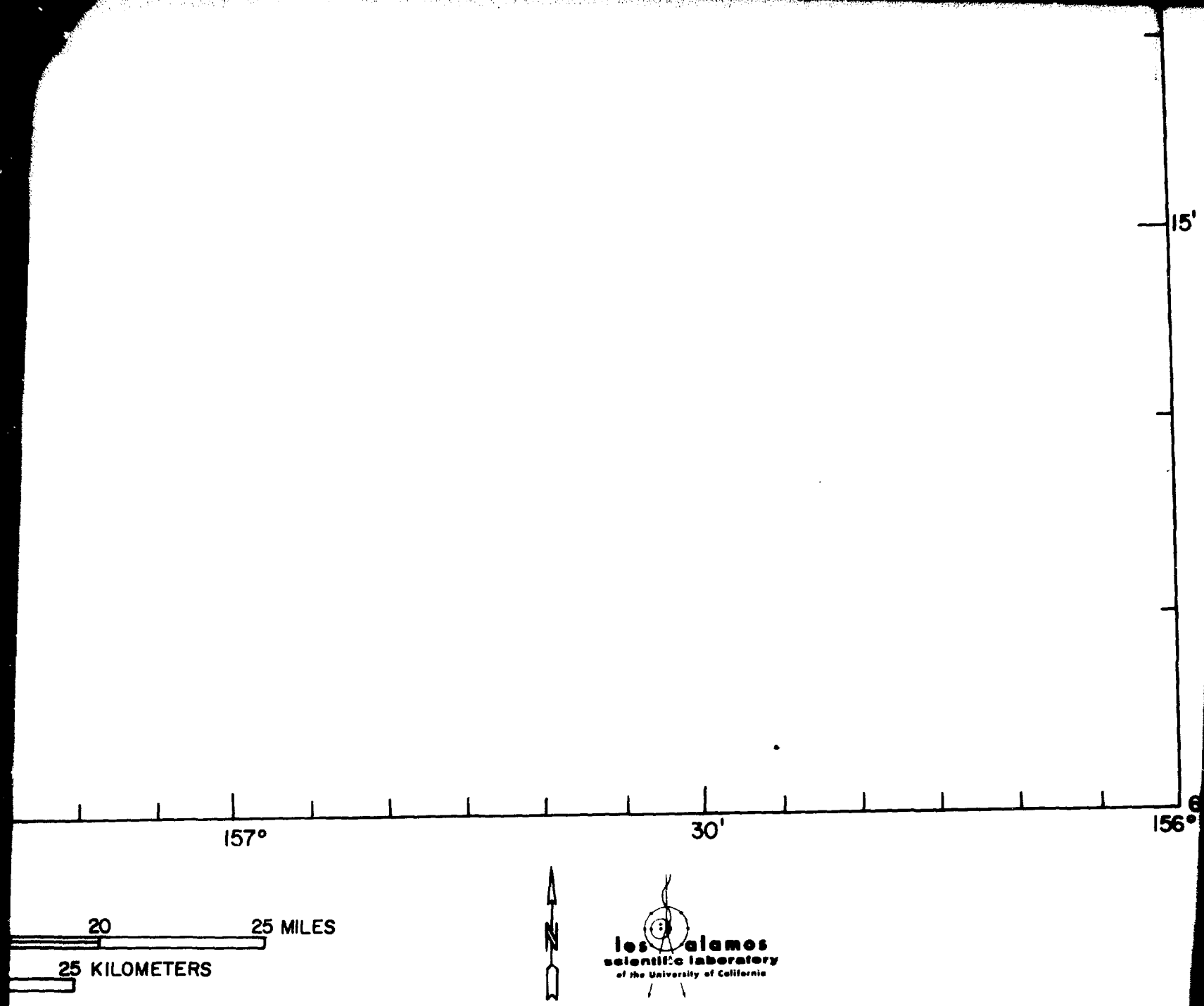


PLATE IV-B

UM CONCENTRATIONS (ppm) IN SEDIMENTS
IN
THE SHUNGNAK QUADRANGLE (WEST THIRD)
SEWARD PENINSULA, ALASKA



SEDIMENTS

GLE (WEST THIRD)

ASKA