

ROCK-UNIT REPORTS OF 228 WELLS DRILLED
ON THE NORTH SLOPE, ALASKA

By

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This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature. Any use of trade names is for descriptive purposes only and does not imply endorsement by the USGS.

Menlo Park, California
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INTRODUCTION

This paper presents in a series of rock-unit reports my identification of rock units and depths of penetration (using wireline and lithologic logs) for 228 wells from the North Slope, Alaska. Initially, I conceived of the compilation as an exercise to develop a consistent set of interpretations for wells in the National Petroleum Reserve in Alaska (NPRA). Subsequently, the study expanded to include most exploratory wells, and selected production wells, of the North Slope, utilizing the current files of the U.S. Geological Survey, Menlo Park, California.

In this paper, the term "rock-unit report" refers to general well information, rock units, and depths which have been computer encoded and printed for each well. In addition to the rock-unit reports, this paper incorporates: an explanation of the report format (fig. 1); a compilation of North Slope stratigraphic names (table 1, figs. 2 and 3); various listings of wells (tables 2 and 3) and maps for locating particular wells (figs. 4 through 7). Encoding and printing are by Petroleum Information Corporation (PI) of Denver, Colorado under a contract between PI and the U.S. Geological Survey.

Similar compilations for North Slope wells have previously been undertaken, and these include: Collins and Robinson (1967) for wells drilled in the exploration of Naval Petroleum Reserve No. 4 (Pet-4 program); Tailleux and others (1978) for industry wells drilled outside of the Petroleum Reserve; Alaska Geological Society (1971, 1972, 1977, 1981) for wells shown in four correlation sections; and Bird and Andrews (1979) and Molenaar (1981) for studies of Cretaceous rocks in NPRA. I have included all wells from these previous compilations in addition to many new wells. However, the stratigraphic names and depths used in this report are not always in agreement with these earlier compilations.

Numerous people have contributed to this compilation. I gratefully acknowledge the invaluable discussions and support of L. B. Magoon (U.S. Geological Survey), discussions of stratigraphy over the last 20 years with North Slope investigators too numerous to mention, and the efforts of D. Headley, P. K. LeGrand, M. A. Martín, W. L. Materna, N. A. Palik, L. A. Wilcox, and G. R. Winger (PI). This manuscript has benefited from the review and criticism of W. P. Brosge and C. M. Molenaar; however, the author accepts full responsibility for its content.

FORMAT OF ROCK-UNIT REPORT

The rock-unit report consists of a heading of general well information above a tabulation of rock units and depths. Format details are offered in figure 1. Heading information is obtained from well history documents.

Latitude and longitude for bottom-hole locations, which are not provided in the well history for slant-drilled holes, were measured from maps made by the Alaska Oil and Gas Conservation Commission of the Harrison Bay, Prudhoe Bay, and Mikkelsen Bay areas (scale: 1 in. = 5,280 ft). Accuracy of the bottom-hole locations thus obtained is estimated to be within five seconds of latitude or longitude.

In each report only the penetrated rock units are listed. The rock-unit names are abbreviated, and the abbreviations are explained in table 1. Not shown in table 1, but present in the PI computer file, are abbreviations for thrust faults (T/FAULT) and normal faults (N/FAULT). Both types of faults are known to intersect North Slope wells, but only thrust faults that repeat rock-unit boundaries are included in these reports.

Rock-unit identification is according to published definitions, or as explained in the stratigraphy section of this report. Evidence used to identify rock units is included in the reports (fig. 1); the most common type reported is "LOG" evidence. Distinct log deflections were used to pick a precise horizon, but identification of most units depended on the lithology as well as the log character. With the exception of surface depths, all depths are rounded off to the nearest five feet to compensate for inconsistencies produced by cable stretch between log runs.

In slant-drilled holes four depth columns are presented instead of the usual two columns for vertical-drilled holes (fig. 1). There are two columns of "measured" and "true vertical" depths for each of the rock-unit tops and bottoms. Measured well depths have been converted to true vertical well depths by using the conversion tables provided with the well history.

STRATIGRAPHY

Stratigraphic nomenclature in the rock-unit reports employs both formal and informal terms. In the selection of rock units for inclusion in the reports, my object was to show regional relations rather than local details. Hence, groups and formations are reported more often than members.

Informal names are used for new, unnamed rock units or in instances where present terminology does not accurately express the stratigraphic relations. These names are marked with an asterisk in table 1, and by their use I hope to draw attention to an increased level of stratigraphic information and the consequent need for additional study. To define new rock units or to redefine old ones is beyond the scope of this paper.

Table 1 presents a list of all formal and informal North Slope stratigraphic names, abbreviations, and ages currently in the PI computer file.

Table 1. Listing of North Slope stratigraphic names, ages, and rock-unit abbreviations currently in the PI computer file. Order of listing is from youngest to oldest; however, superposition of units is not implied. Asterisk (*) indicates informal name. Numbers correspond to comments in this report.

AGE	ROCK UNIT ABBREVIATION	GROUP	FORMATION	MEMBER	
QUATERNARY	SURFICL		*surficial deposits		1
"	GUBIK		Gubik		
"	SFD/GBK		*surficial deposits/Gubik		
TERTIARY	SGVNRKTK		Sagavanirktok		2
NEOGENE	MUWOK			Muwok	
PALEOGENE	FRNKN_BF			Franklin-Bluffs	
"	SAGWON			Sagwon	
TERTIARY/CRETACEOUS	SG/CLV_U	*Sagavanirktok - Colville undifferentiated			3
" "	SG/CLV_S	*Sagavanirktok - Colville sandstone			
" "	CLV_GP_H	*Colville Group shale			
LATE CRETACEOUS	COLVILLE	Colville			4
" "	CLV_GP_S		*Colville Group sandstone		
" "	PRNCE_CR		Prince Creek		
" "	KOGSKRK			Kogosukruk Tongue	
" "	TULVK			Tuluva Tongue	
" "	SCRDR_BF		Schrader Bluff		
" "	SENTNL_HL			Sentinel Hill	
" "	BAROW_TR			Barrow Trail	
" "	ROGRS_CR			Rogers Creek	
" "	SEABEE		Seabee		
" "	AYIYAK			Ayiyak	
" "	SHL_WALL			Shale Wall	
EARLY-LATE CRETACEOUS	NANUSHUK	Nanushuk			5
" "	CORWIN		Corwin		
LATE CRETACEOUS	NINULUK		Ninuluk		
EARLY CRETACEOUS	CHANDLER		Chandler		
" "	NIKOGON			Niakogon Tongue	
" "	KILK_TWG			Killik Tongue	
" "	TUKTU		Tuktu		
" "	GRNDSTND		Grandstand		
" "	KUKPWUK		Kukpowruk		
" "	TOROK		Torok		6
" "	LTK/FTM		*Lower Torok - Fortress Mountain undifferentiated		
" "	FORTMTN		Fortress Mountain		
" "	BATHUB		Bathtub Graywacke		
" "	OKPIKUK		Okpikruk		
" "	KONGAKUT		Kongakut		
" "	KONG_SLT			siltstone	8
" "	KONG_PS			pebble shale	
" "	KEMIK			Kemik Sandstone	
" "	KONG_CSH			clay shale	

Table 1. -- continued

"	"	TUKTU		Tuktu		
"	"	GRNDSTND		Grandstand		
"	"	KUKPWUK		Kukpowruk		
"	"	TOROK		Torok		5
"	"	LTK/FTM		*Lower Torok - Fortress Mountain undifferentiated		6
"	"	FORTMTN		Fortress Mountain		7
"	"	BATHTUB		Bathtub Graywacke		8
"	"	OKPIKUK		Okpikruak		
"	"	KONGAKUT		Kongakut		
"	"	KONG_SLT			siltstone	8
"	"	KONG_PS			pebble shale	
"	"	KEMIK			Kemik Sandstone	
"	"	KONG_CSH			clay shale	
"	"	PEBL_SHL		*Pebble-shale		9
"	"	PBLSH_GR			*Gamma ray zone	
"	"	BPBLSH_S			*Basal sandstone	
"	"	PBLSH_UFM			*Unconformity	
"	"	KUPARUK		Kuparuk River		10
EARLY CRETACEOUS - EARLY JURASSIC		IPEWIK		Ipevik		11
EARLY CRETACEOUS		TGMKPK			Tingmerkpuuk	
EARLY CRETACEOUS - JURASSIC		KINGAK		Kingak Shale		12
JURASSIC		SMPSN_SS			*Simpson sandstone	13
"		BARROW_S			*Barrow sandstone	14
TRIASSIC		SAG_RV_S		Sag River		15
"		SHALE			shale	
"		SANDST			sandstone	
"		KAREN_CR		Karen Creek		16
"		SHUBLIK		Shublik		
MEDIAL JURASSIC - ? PENNSYLVANIAN		ETIVLUK	Etivluk			17
MEDIAL JURASSIC - TRIASSIC		OTUK		Otuk		
JURASSIC		BLANKSHIP			Blankenship	
PERMIAN - ? PENN.		SIKSIPUK		Siksikpuuk		
TRIASSIC - PERMIAN		SADLRCT	Sadlerochit			18
TRIASSIC		FIRE_CRK		Fire Creek Siltstone	(=Fire Creek Siltstone)	
"		IVSK_SS		Ivishak Sandstone	(=Ledge Sandstone)	
TRIASSIC - PERMIAN		KAVIK_SH		Kavik Shale	(=Kavik)	
PERMIAN		ECHOOKA		Echooka		
"		IKIKPUK			Ikiakpaurak	
"		JOE_CREEK			Joe Creek	
PERMIAN AND MISS.		NUKA		Nuka		
PENN. - MISS.		LISBURNE	Lisburne			

Table 1. -- continued

TRIASSIC - PERMIAN	SADLRCT	Sadlerochit		
TRIASSIC	FIRE_CRK		Fire Creek Siltstone	(=Fire Creek Siltstone)
"	IVSK_SS		Ivishak Sandstone	(=Ledge Sandstone)
TRIASSIC - PERMIAN	KAVIK_SH		Kavik Shale	(=Kavik)
PERMIAN	ECHOOKA		Echooka	-
"	IKIKPURK			Ikiakpaurak
"	JOE_CREEK			Joe Creek
PERMIAN AND MISS.	NUKA		Nuka	
PENN. - MISS.	LISBURNE	Lisburne		
" "	WAHOO_LS		Wahoo Limestone	
" "	UP_LIME		*Upper limestone unit	19
MISSISSIPPIAN	ALPH_LS		Alapah Limestone	
"	DOLOMITE		*Dolomite unit	17
"	LO_LMST		*Lower limestone unit	
"	KUNA		Kuna	
"	TUPIK		Tupik	
"	KOGRUK		Kogruk	
"	NASORAK		Nasorak	
"	WACHM_LS		Wachmuth Limestone	
"	UTUKOK		Utukok	
MISS. - DEVONIAN	ENDICOTT	Endicott		
MISSISSIPPIAN	ITKILYRK		Ithkilyariak	20
"	KAYAK_SH		Kayak Shale	
"	KEKIKTUK		Kekiktuk Conglomerate	
MISS. - DEVONIAN	NOATAK		Noatak Sandstone	
LATE DEVONIAN	KNYT_CGL		Kanayut Conglomerate	
" "	HUNT_FRK		Hunt Fork Shale	
" "	BEAUCOUP		Beaucoup	21
DEVONIAN-SILURIAN	BAIRD	Baird		
LATE & MEDIAL DEV.	ELI_LIME		Eli Limestone	
" "	KUGURURK		Kugururuk	
DEVONIAN-SILURIAN	SKAJIT		Skajit Limestone	
MED. DEV. & OLDER	BEM_CPLX	*Basement complex		22
MEDIAL (?) DEVONIAN	NANOOK		Nanook Limestone	
DEVONIAN OR OLDER	KTKK_DOL		Katakturuk Dolomite	
" "	ARGILLIT		*Argillite	23
PRECAMBRIAN	NERUOKPK		Neruokpak Quartzite	24

The most recent comprehensive summary of North Slope stratigraphic names is that of Kopf (1970). Names used herein and proposed since his summary are referenced; informal names are explained in the following paragraphs (paragraph number corresponding to the number in table 1).

(1) Quaternary deposits on the North Slope have been assigned to the Gubik Formation or surficial deposits. In most wells, rocks of this age are unconsolidated, less than a few hundred feet thick, and neither sampled nor logged. To reflect this general lack of information, the informal term "surficial deposits/Gubik Formation" is used in the rock-unit reports, and the thickness is usually estimated (EST). For information on these rocks east of NPRA see Detterman and others (1975), and for NPRA see Williams and others (1977).

(2) The Sagavanirktok Formation, defined by Gryc and others (1951), has been subdivided by Detterman and others (1975) into members. The formation and members are characterized by incomplete and widely scattered surface exposures. These poor exposures and the lithologic similarity to overlying and underlying strata make the accurate mapping of this formation most difficult. With the availability of well data, the problem of the limits of the formation arose. To clarify the limits, Detterman and others (1975, p. 37) include within the Sagavanirktok Formation "all of the beds above the top of the Upper Cretaceous Prince Creek Formation and below the Quaternary (Gubik Formation) surficial deposits . . ." Because of the remaining uncertainty of the lithologic distinctions and the importance of age to the definition, this formational name was not used in the rock-unit reports. Instead, a set of informal terms was used, as explained below.

(3) Tertiary-Cretaceous stratigraphic relations showing both formal and informal nomenclature are summarized in figure 2. These informal names are used in the rock-unit reports, and, as explained below, they are based on gross lithologic features without regard to age.

"Sagavanirktok-Colville undifferentiated" includes all strata assigned to the Colville Group and to the Sagavanirktok Formation. From west to east this informal rock unit progressively overlies the Nanushuk Group, the Torok Formation, and the pebble shale. The age is Late Cretaceous and Early Tertiary. This rock unit consists of two parts: an upper part composed mostly of sandstone and shale and a lower part composed mostly of shale.

"Sagavanirktok-Colville sandstone," representing the upper part of the "Sagavanirktok-Colville undifferentiated," consists of interbedded sandstone, shale, coal, and conglomerate. The upper boundary is placed at the base of the surficial deposits, and the lower boundary is placed at the base of the lowest consistent sandstone overlying a thick (1000+ ft) shale section. In the west (NPRA) this rock unit is mostly of Late Cretaceous age and includes the Prince Creek and Schrader Bluff Formations. East of NPRA this rock unit is of Late Cretaceous and Tertiary age, and includes the Sagavanirktok Formation, the "Colville Group sandstone" of Pessel and others (1978a), and the recently proposed West Sak Sandstone of Jamison and others (1980).

"Colville Group shale," representing the lower, predominantly shale portion of the "Sagavanirktok-Colville undifferentiated," is a term used by

WEST ————— 120 miles ————— EAST

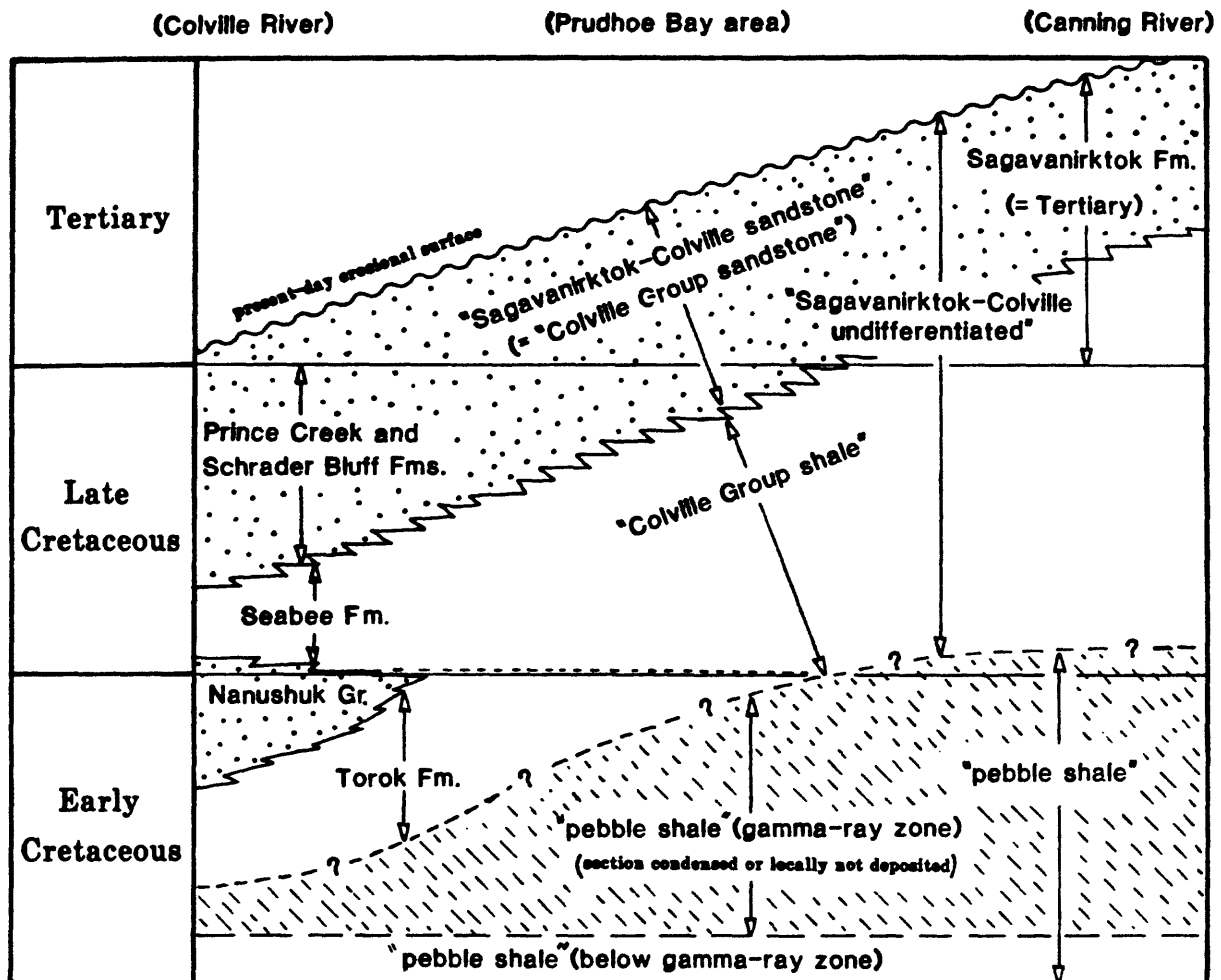


Figure 2. Generalized Tertiary and Cretaceous stratigraphic relations and nomenclature for the coastal plain province, eastern half of the North Slope as discussed in this report. Amount of time represented by pebble shale gamma-ray zone is poorly controlled and largely conjectural. Early Cretaceous, sub-pebble shale rock units are not shown here. Informal names are enclosed in quotation marks.

Pessel and others (1978b). In NPRA this rock unit corresponds to the Late Cretaceous Seabee Formation. Most of the "Colville Group shale" near the mouth of the Canning River is of Early Tertiary age (Wharton, 1981). Varying amounts of sandstone, present in the lower part of this unit, are believed to be deep-water turbidite deposits similar to those in the lower part of the Torok Formation (Bird and Andrews, 1979; Molenaar, 1981).

(4) See Ahlbrandt (1979) and Molenaar (1981) for important summaries of Nanushuk Group terminology and relations.

(5) Following the suggestion of Molenaar (1981), the name Torok is used in place of the Oumalik and Topagoruk Formations of Collins and Robinson (1967).

(6) "Lower Torok-Fortress Mountain Formation" is used in wells in the foothills to indicate uncertainty in distinguishing basin-plain turbidite and shale deposits belonging to the Fortress Mountain Formation from those of the Torok Formation (Molenaar and others, 1981, p. 12). The top of this unit is selected at the highest consistent sandstone below a thick (1000+ ft) Torok shale section. The base of the unit is the top of the pebble shale.

(7) See Molenaar and others (1981) for recent work on the Fortress Mountain Formation. They recommend this name be restricted to outcrop areas.

(8) New formation and member names proposed by Detterman and others (1975) for outcropping rocks.

(9) These four informal names are used instead of those of the Kongakut because the uppermost and lowermost members of the Kongakut Formation are not present or are not applicable in the subsurface. Stratigraphic relations, terminology, and characteristic log response of the "pebble shale" are offered in figure 3. The gamma-ray zone of the pebble shale comprises a condensed section of deep marine shale interpreted as representing progressively more geologic time in an easterly direction as shown in figure 2 (also see Molenaar and others, in press).

(10) Jamison and others (1980) have provided details on the Kuparuk River Formation. Their terminology and criteria are followed here.

(11) Two new names proposed by Crane and Wiggins (1976). See Molenaar (1981) for the regional setting of this formation.

(12) Following the suggestion of Molenaar (1981), Early Cretaceous (Neocomian) strata below the pebble shale are included in the Kingak Shale.

(13) The Simpson sandstone is an informal name for a Middle or Late Jurassic glauconitic sandstone within the Kingak Shale in north-central NPRA. The sandstone is identified as that interval in the Kugrua, Peard, South Meade, and Topagoruk wells that correlates with the sandstone interval 6,525 to 6,705 ft in South Simpson No. 1.

(14) The Barrow sandstone is an informal name for an Early Jurassic highly bioturbated silty sandstone near the base of the Kingak Shale in

SOUTH MEADE # 1
API 50-163-20001

←----- (250 miles) -----→

BELI UNIT # 1
API 50-179-20002

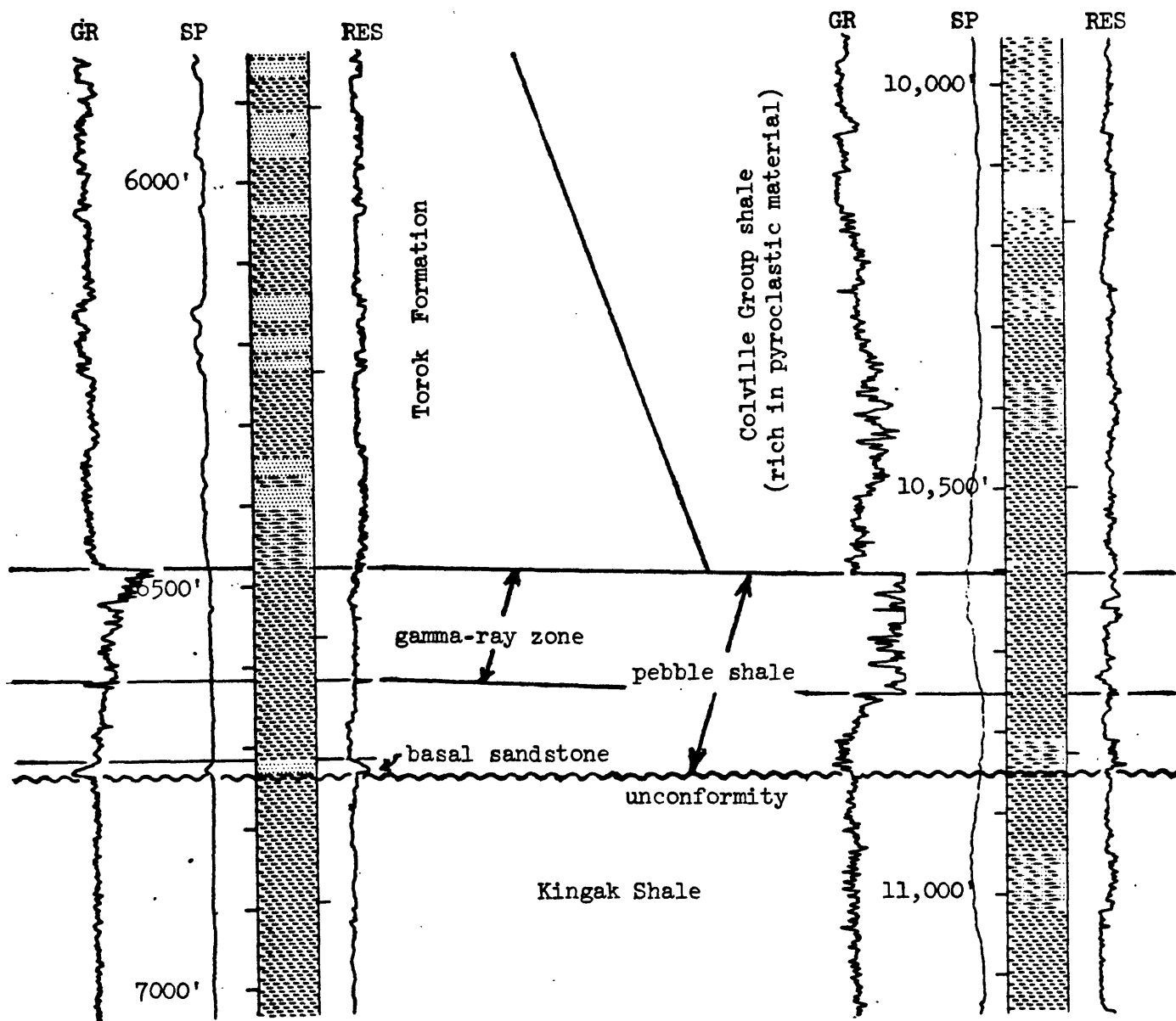


Figure 3. Details of pebble shale nomenclature as used in this report are shown above. The distinctive namesake lithology -- rounded chert pebbles and quartz grains "floating" in shale -- is found in South Meade from the top of the gamma-ray zone to the unconformity whereas in Beli it is present only in the lower 80 feet of the pebble shale interval. Although the lower part of the pebble shale is of Neocomian age, the gamma-ray zone probably represents condensed, starved basin deposition and increasing amounts of post-Neocomian time in an easterly direction as shown in figure 2.

northern NPRA. Gas accumulations in this sandstone at Barrow are discussed by Lantz (1981).

(15) The Sag River Sandstone has been redefined and renamed the Sag River Formation by Jones and Speers (1976). Their terminology and criteria are followed here.

(16) Karen Creek Sandstone is a new name proposed by Detterman and others (1975) for outcropping rocks.

(17) The Etivluk Group, Otuk Formation, Blankenship Member, and Kuna Formation are new names proposed by Mull and others (in press).

(18) Formational names for units in the Sadlerochit Group above the Echooka Formation are those proposed by Jones and Speers (1976). The member names are those proposed by Detterman and others (1975) for subdivisions of their Ivishak Formation. In the rock-unit reports, the subsurface-based nomenclature of Jones and Speers is followed in which these subdivisions are elevated to formations. The top of the Sadlerochit is selected at the prominent resistivity low beneath the limey siltstone and shale of the Shublik Formation.

(19) Informal names utilized by Bird and Jordan (1977) for the subdivisions of the Lisburne Group in the Prudhoe Bay area.

(20) Itkilyariak Formation is a new name proposed by Mull and Mangus (1972).

(21) The Beaucoup Formation is a new name proposed by Dutro and others (1978).

(22) Basement complex is an informal name for all rocks in the subsurface older than the Endicott Group.

(23) Argillite is an informal name for the most common rock type encountered in the subsurface "basement complex." The age of this rock type is Ordovician-Silurian in wells at Barrow and Prudhoe (Carter and Laufeld, 1975). This rock type is referred to as Neruokpuk Formation in some publications (Alaska Geological Society, 1972, 1977).

(24) The Neruokpuk Formation has been redefined and renamed Neruokpuk Quartzite by Reiser and others (1978) to restrict the term to Precambrian rocks.

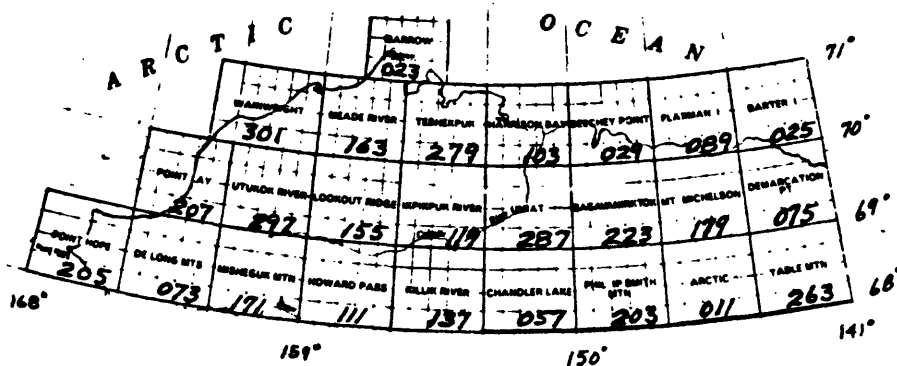
ROCK-UNIT REPORTS

The following rock-unit reports are computer printouts by PI and are arranged sequentially by API number. Various listings and maps are provided to aid in locating any particular well. Wells may be located by API number (table 2), by name (table 3), or by geographic location (figs. 4 through 7). Explanation of the report format is presented in figure 1.

STATE CODE FOR ALASKA	ALASKAN QUADRANGLE CODE	WELL CODE*	DIRECTIONAL SIDETRACK	HOLE CHANGE
--------------------------	----------------------------	------------	--------------------------	-------------

NORTH SLOPE QUADRANGLE NAME QUADRANGLE CODE

ARCTIC	011
BARROW	023
BARTER ISLAND	025
BEECHEY POINT	029
CHANDLER LAKE	057
DE LONG MTS.	073
DEMARCATON PT.	075
FLAXMAN ISLAND	089
HARRISON BAY	103
HOWARD PASS	111
IKPIKPUK RIVER	119
KILLIK RIVER	137
LOOKOUT RIDGE	155
MEADE RIVER	163
MISHEGUK MTN.	171
MT. MICHELSON	179
PHILIP SMITH MTS.	203
POINT HOPE	205
SAGAVANIRKTOK	223
TABLE MTN.	263
TESHEKPUK	279
UMIAT	287
UTUKOK RIVER	297
WAINWRIGHT	301



12

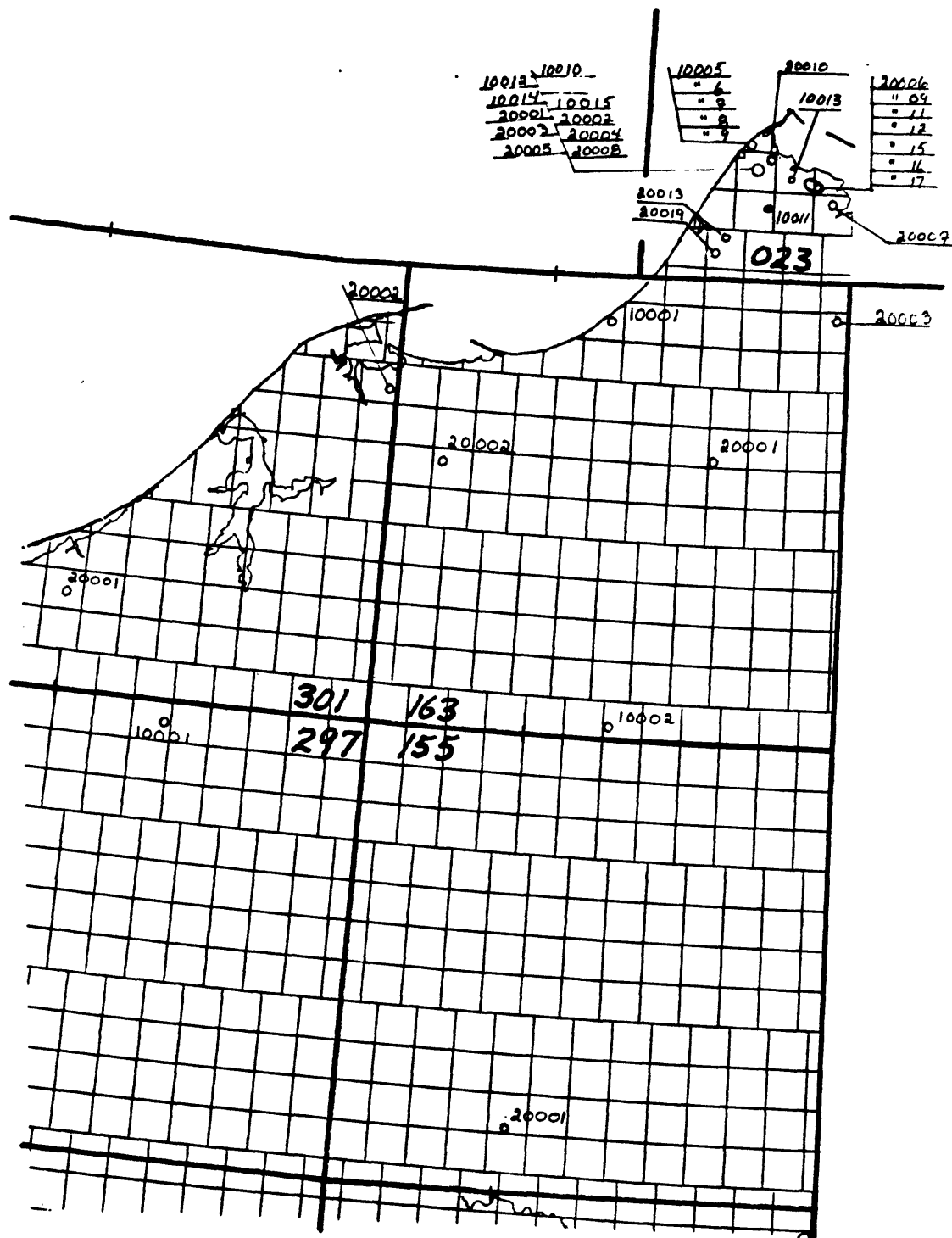


Figure 5. Five North Slope quadrangles showing approximate locations of wells with rock-unit reports. Quadrangles and wells are identified by appropriate codes (fig. 4); wells are listed in tables 2 and 3.

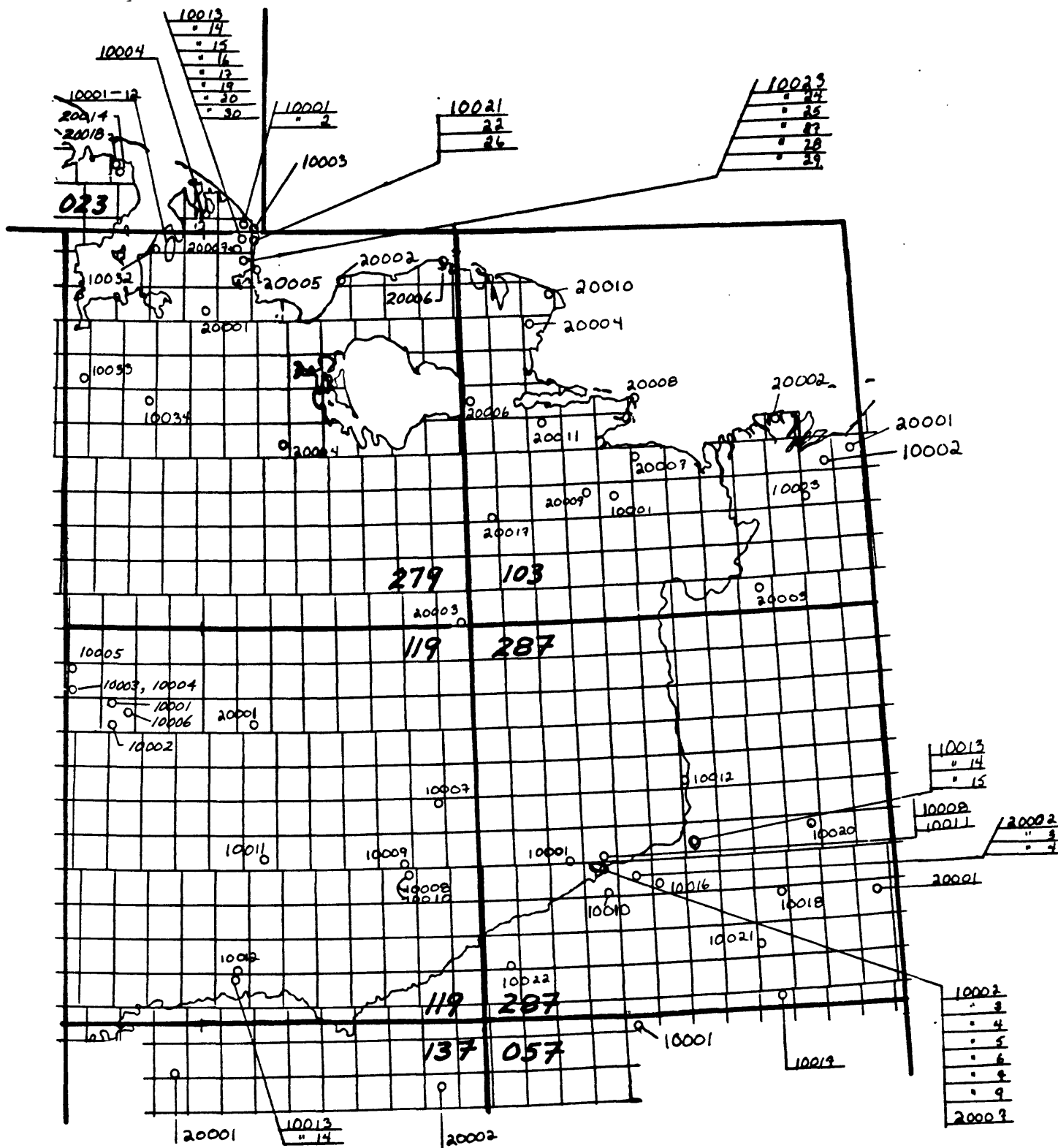


Figure 6. Seven North Slope quadrangles showing approximate locations of wells with rock-unit reports. Quadrangles and wells are identified by appropriate codes (fig. 4); wells are listed in tables 2 and 3.

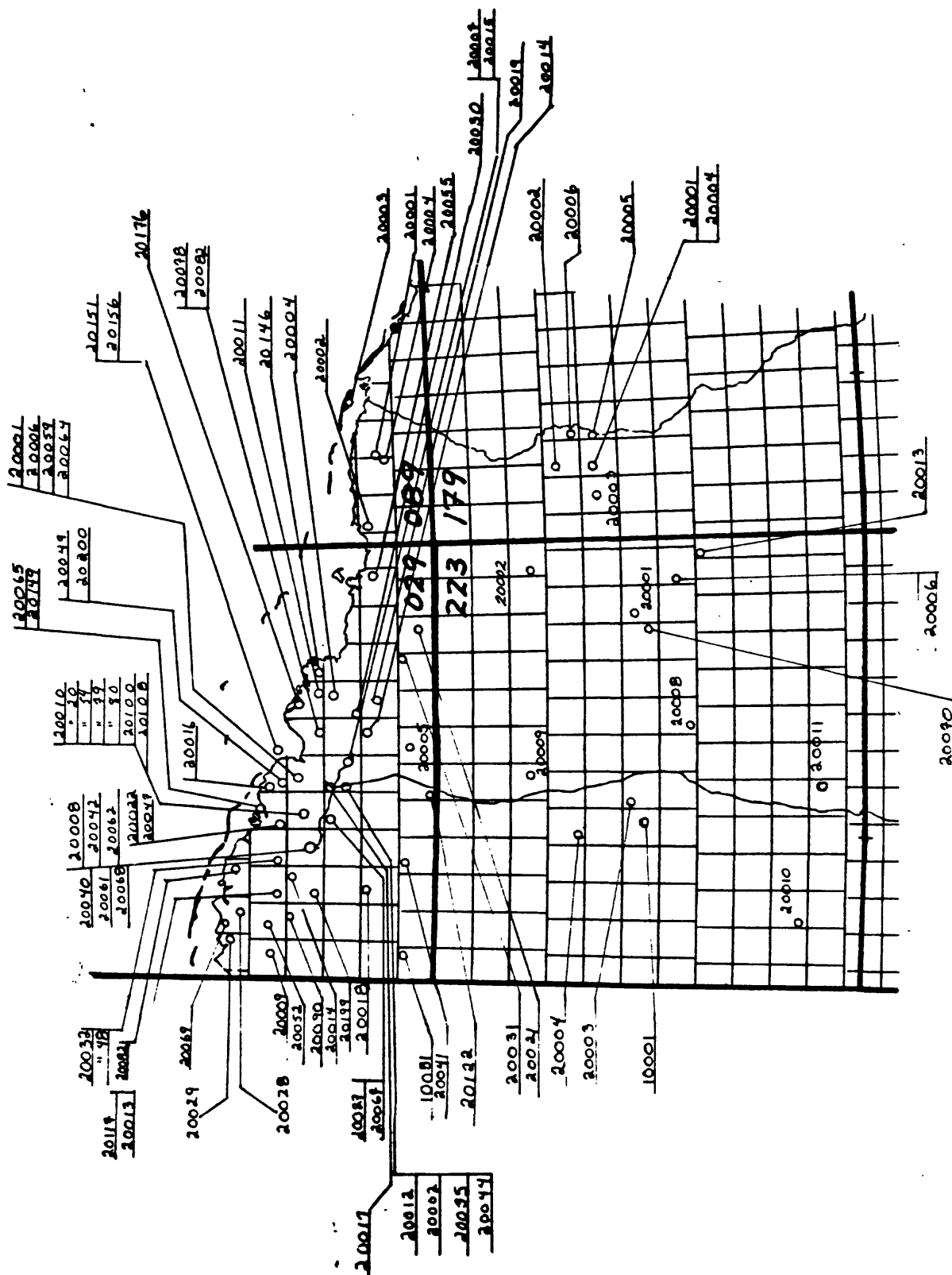


Table 7. Four North Slope quadrangles showing approximate locations of wells with rock-unit reports. Quadrangles and wells are identified by appropriate codes (fig. 4); wells are listed in tables 2 and 3.

Table 2. API well number listing of North Slope wells with rock-unit reports. API well number code is explained (fig. 4) and wells located (figs. 5-7).

API NUMBER	WELL NAME	SEC	TWP	RGE	API NUMBER	WELL NAME	SEC	TWP	RGE
50023100010000	SIMPSON (CORE TST) NO. 21	13	N 19	W 11	50029200020000	PUT RIVER (J-1) NO. 9-11-13	9	N 11	E 13
50023100020000	SIMPSON (CORE TST) NO. 23	1	N 19	W 11	50029200021000	KAD RIVER NO. 1	4	N 8	E 18
50023100030000	SIMPSON (CORE TST) NO. 24	6	N 19	W 10	50029200022000	KUP RIVER NO. 21-12-13	21	N 12	E 13
50023100040000	NORTH SIMPSON NO. 1	26	N 20	W 12	50029200027000	HURL NO. 5-10-13	5	N 10	E 13
50023100050000	BARROW CORE RIG NO. 1	22	N 23	W 19	50029200028000	KAVEARAK POINT NO. 32-25	25	N 13	E 10
50023100060000	BARROW CORE RIG NO. 2	27	N 23	W 18	50029200029000	SIMPSON LAGOON NO. 32-14	14	N 13	E 9
50023100070000	BARROW BIG RIG NO. 1	22	N 23	W 18	50029200300000	SAG DELTA NO. 31-10-16	31	N 10	E 16
50023100080000	BARROW (CORE TST) NO. 1	22	N 23	W 18	50029200310000	LAKE 79 FEDERAL NO. 1	1	N 8	E 17
50023100090000	SOUTH BARROW NO. 1	28	N 23	W 18	50029200320000	NORTH KUPARUK NO. 26-12-12	26	N 12	E 12
50023100100000	SOUTH BARROW NO. 2	14	N 22	W 14	50029200350000	PUT RIVER NO. 19-10-15	19	N 10	E 15
50023100110000	SOUTH BARROW NO. 3	24	N 21	W 18	50029200400000	SOUTHEAST EILEEN 1 NO. 35-11-12	35	N 11	E 12
50023100120000	SOUTH BARROW NO. 4	14	N 22	W 18	50029200410000	TOOLIK FEDERAL NO. 2	5	N 8	E 12
50023100130000	AVAK NO. 1	17	N 22	W 17	50029200420000	PUT RIVER (M-1) NO. 01-11-12	1	N 11	E 12
50023100140000	SOUTH BARROW NO. 5	14	N 22	W 14	50029200430000	PRUDHOE BAY DS 1-1 NO. 8-10-15	8	N 10	E 15
50023100150000	SOUTH BARROW NO. 6	14	N 22	W 18	50029200440000	PUT RIVER NO. 33-12-13	33	N 12	E 13
50023200010000	SOUTH BARROW NO. 7	14	N 22	W 18	50029200470000	BEECHY POINT NO. 1	20	N 12	E 12
50023200020000	SOUTH BARROW NO. 8	14	N 22	W 18	50029200480000	NORTH PRUDHOE BAY NO. 1	23	N 12	E 14
50023200030000	SOUTH BARROW NO. 9	11	N 22	W 18	50029200510000	TOOLIK FEDERAL NO. 3	4	N 8	E 9
50023200040000	SOUTH BARROW NO. 10	14	N 22	W 18	50029200520000	EAST UGNU NO. 1	17	N 12	E 10
50023200050000	SOUTH BARROW NO. 11	14	N 22	W 18	50029200540000	PUT RIVER (D-1) NO. 23-11-13	23	N 11	E 13
50023200060000	SOUTH BARROW NO. 12	23	N 22	W 17	50029200550000	MIKKELSEN BAY NO. 13-9-19	13	N 9	E 19
50023200070000	IKO NO. 1	16	N 21	W 16	50029200590000	PUT RIVER (R-1) NO. 31-11-4	31	N 11	E 14
50023200080000	SOUTH BARROW NO. 13	14	N 22	W 18	50029200610000	KUPARUK STATE NO. 33-11-12	33	N 11	E 12
50023200090000	SOUTH BARROW NO. 14	25	N 22	W 17	50029200620000	KUPARUK STATE NO. 7-11-12	7	N 11	E 12
50023200100000	SOUTH BARROW NO. 16	30	N 22	W 16	50029200640000	PRUDHOE BAY (DS 2-4) NO. 36-11-14	36	N 11	E 14
50023200110000	SOUTH BARROW NO. 17	23	N 22	W 17	50029200650000	KUP DELTA NO. 51-1	11	N 12	E 13
50023200120000	SOUTH BARROW NO. 19	23	N 22	W 19	50029200670000	PLACID ET AL STATE NO. 3-10-13	3	N 10	E 13
50023200130000	WALAKPA NO. 1	9	N 20	W 19	50029200690000	KUPARUK STATE NO. 24-11-12	23	N 11	E 12
50023200140000	WEST DEASE NO. 1	21	N 21	W 14	50029200700000	MYLNE POINT NO. 18-1	11	N 13	E 10
50023200150000	SOUTH BARROW NO. 20	26	N 22	W 17	50029200780000	PRUDHOE BAY (DS 4-1) NO. 35-11-15	34	N 11	E 15
50023200160000	SOUTH BARROW NO. 15	23	N 22	W 17	50029200800000	PUT RIVER (N-1) NO. 8-11-13	8	N 11	E 13
50023200170000	SOUTH BARROW NO. 18	24	N 22	W 17	50029200820000	PUT RIVER (F-1) NO. 2-11-13	2	N 11	E 13
50023200180000	TULAGEAK NO. 1	7	N 21	W 14	50029200830000	PLAGHM REECHY POINT NO. 1	14	N 13	E 11
50023200190000	WALAKPA NO. 2	31	N 20	W 19	50029200840000	WEST SAK RIVER NO. 1	2	N 11	E 10
50029200010000	PRUDHOE BAY NO. 1	10	N 11	E 14	50029200900000	PUT RIVER (M-2) NO. 21-11-13	21	N 11	E 13
50029200020000	SAG RIVER NO. 1	4	N 10	E 15	50029201000000	PUT RIVER (A-1) NO. 35-11-13	35	N 11	E 13
50029200030000	DELTA STATE NO. 1	10	N 10	E 16	50029201140000	WEST CHANNEL NO. 1-3	3	N 9	E 15
50029200040000	TOOLIK FEDERAL NO. 1	4	N 8	E 15	50029201170000	NORTHWEST EILEEN NO. 2	28	N 12	E 11
50029200050000	PUT RIVER 1 NO. 27-11-14	27	N 11	E 14	50029201200000	NORTH FRANKLIN BLUFFS NO. 1	20	N 8	E 14
50029200060000	SOCAL NO. 31-25	25	N 10	E 14	50029201300000	EAST BAY STATE NO. 1	9	N 11	E 15
50029200070000	KUPARUK STATE NO. 1	21	N 11	E 12	50029201350000	FOGGY ISL BAY ST UN NO. 1	19	N 11	E 17
50029200080000	UGNU NO. 1	22	N 12	E 9	50029201460000	GYDYP BAY SOUTH NO. 1	8	N 12	E 13
50029200090000	PUT RIVER NO. 33-11-13	33	N 11	E 13	50029201490000	GULL ISLAND STATE NO. 1	21	N 12	E 15
50029200100000	SAG DELTA NO. 31-11-16	31	N 11	E 16	50029201560101	NIAKUK NO. 1-A	26	N 12	E 15
50029200110000	LAKE STATE NO. 1	24	N 10	E 15	50029201760000	SAG DELTA NO. 33-12-16	4	N 11	E 16
50029200120000	NORTHWEST EILEEN NO. 1	28	N 12	E 11	50029201990000	HIGHLAND STATE NO. 1	24	N 11	E 14
50029200130000	WEST KUPARUK NO. 3-11-11	3	N 11	E 11	50029202000000	ABEL STATE NO. 1	27	N 12	E 14
50029200140000	PUT RIVER NO. 24-10-14	24	N 10	E 14	50057100010000	GRANDSTAND NO. 1	32	S 5	E 1
50029200150000	POINT STOPKENSEN NO. 1	7	N 12	E 14	50089200010000	WEST STAINES 1 NO. 18-9-23	18	N 9	E 23
50029200160000	PUT PIVER 1 NO. 7-10-14	7	N 10	E 14	50089200020000	EAST MIKKELSEN BAY NO. 1	7	N 9	E 21
50029200170000	HEMI NO. 3-9-11	3	N 9	E 11	50089200030000	ALASKA STATE NO. A1	27	N 10	E 24
50029200180000	KADLER NO. 15-9-16	15	N 9	E 16	50089200040000	WEST STAINES STATE NO. 2	25	N 09	E 22

Table 2. -- continued

API NUMBER	WELL NAME	SEC	TWP	RGE	API NUMBER	WELL NAME	SEC	TWP	RGE
50103100010000	FISH CREEK NO. 1	15	N 11	E 1	5023232001000000	AUFELS UNIT NO. 1	30	S 3	E 11
50103100020000	COLVILLE NO. 1	25	N 12	E 7	5023232001100000	LUPINE UNIT NO. 1	13	S 4	E 14
50103100030000	KOOKPUK NO. 1	19	N 11	E 7	5023232001300000	KEMIK UNIT NO. 2	06	S 01	E 21
50103200010000	KALUSIK CREEK NO. 1	10	N 12	E 8	5027910001000000	SIMPSON (CORE TST) NO. 1	10	N 18	W 13
50103200020000	COLVILLE DELTA NO. 1	9	N 13	E 6	5027910002000000	SIMPSON (CORE TST) NO. 2	10	N 18	W 13
50103200030000	ITKILLIK RIVER UNIT NO. 1	10	N 8	E 5	5027910003000000	SIMPSON (CORE TST) NO. 3	10	N 18	W 13
50103200040000	CAPE WALKETT NO. 1	5	N 16	W 2	5027910004000000	SIMPSON (CORE TST) NO. 4	10	N 18	W 13
50103200050000	EAST TESHEKPUK NO. 1	16	N 14	W 4	5027910005000000	SIMPSON (CORE TST) NO. 5	3	N 18	W 13
50103200060000	SOUTH HARRISON BAY NO. 1	6	N 12	E 2	5027910006000000	SIMPSON (CORE TST) NO. 6	9	N 18	W 13
50103200070000	ATIGARU POINT NO. 1	19	N 14	E 2	5027910007000000	SIMPSON (CORE TST) NO. 7	9	N 18	W 13
50103200080000	WEST FISH CREEK NO. 1	11	N 11	W 1	5027910008000000	SIMPSON (CORE TST) NO. 8	4	N 18	W 13
50103200090000	W T FORAN NO. 1	13	N 17	W 2	5027910009000000	SIMPSON (CORE TST) NO. 9	34	N 19	W 13
50103200100000	NORTH KALIKPIK NO. 1	3	N 13	W 2	5027910010000000	SIMPSON (CORE TST) NO. 10	34	N 19	W 13
50103200110000	NORTH INIGOK NO. 1	36	N 11	W 4	5027910011000000	SIMPSON (CORE TST) NO. 11	21	N 19	W 13
50103200120000	IKPIKPUK (CORE TST) NO. 1	5	N 5	W 15	5027910012000000	SIMPSON (CORE TST) NO. 12	27	N 19	W 13
50119100020000	OUIMALIK (CORE TST) NO. 1	32	N 5	W 15	5027910013000000	SIMPSON (CORE TST) NO. 13	24	N 19	W 11
50119100030000	OUIMALIK (CORE TST) NO. 11	30	N 6	W 16	5027910014000000	SIMPSON (CORE TST) NO. 14	24	N 19	W 11
50119100040000	OUIMALIK (CORE TST) NO. 12	30	N 6	W 16	5027910015000000	SIMPSON (CORE TST) NO. 14A	24	N 19	W 11
50119100050000	OUIMALIK NO. 1	30	N 6	W 16	5027910016000000	SIMPSON (CORE TST) NO. 15	24	N 19	W 11
50119100060000	EAST OUMALIK NO. 1	13	N 5	W 15	5027910017000000	SIMPSON (CORE TST) NO. 16	24	N 19	W 11
50119100070000	SQUARE LAKE NO. 1	2	N 2	W 6	5027910018000000	SIMPSON (CORE TST) NO. 17	24	N 19	W 11
50119100080000	WOLF CREEK NO. 1	2	N 2	W 6	5027910019000000	SIMPSON (CORE TST) NO. 18	23	N 19	W 11
50119100090000	WOLF CREEK NO. 2	36	N 1	W 7	5027910020000000	SIMPSON (CORE TST) NO. 19	22	N 19	W 11
50119100100000	WOLF CREEK NO. 3	2	N 1	W 7	5027910021000000	SIMPSON (CORE TST) NO. 20	18	N 19	W 10
50119100110000	TITALUK NO. 1	23	N 1	W 11	5027910022000000	SIMPSON (CORE TST) NO. 22	19	N 19	W 10
50119100120000	KNIFEBLADE NO. 1	36	S 3	W 12	5027910023000000	SIMPSON (CORE TST) NO. 25	3	N 18	W 11
50119100130000	KNIFEBLADE NO. 2	2	S 4	W 12	5027910024000000	SIMPSON (CORE TST) NO. 26	11	N 18	W 11
50119100140000	KNIFEBLADE NO. 2A	2	S 4	W 12	5027910025000000	SIMPSON (CORE TST) NO. 27	11	N 18	W 11
50119200010000	KOLUKTAK NO. 1	27	N 5	W 11	5027910026000000	SIMPSON (CORE TST) NO. 28	19	N 19	W 10
50137200010000	WEST KURUPA UNIT NO. 1	33	S 6	W 14	5027910027000000	SIMPSON (CORE TST) NO. 29	11	N 18	W 11
50137200020000	EAST KURUPA UNIT NO. 1	9	S 7	W 6	5027910028000000	SIMPSON (CORE TST) NO. 30	11	N 18	W 11
50163100010000	AWUNA NO. 1	30	S 3	W 25	5027910029000000	SIMPSON (CORE TST) NO. 30A	11	N 18	W 11
50163100020000	SKULL CLIFF (CR TST) NO. 1	23	N 18	W 22	5027910030000000	SIMPSON (CORE TST) NO. 31	36	N 19	W 11
50163100030000	MEADE NO. 1	19	N 8	W 22	5027910031000000	SIMPSON NO. 1	32	N 19	W 13
50163200010000	SOUTH MEADE NO. 1	31	N 15	W 19	5027910032000000	TOPAGORUK NO. 1	25	N 15	W 16
50163200020000	KUGRUA NO. 1	8	N 14	W 26	5027910033000000	EAST TOPAGORUK NO. 1	12	N 14	W 14
50163200030000	KUYANAK NO. 1	10	N 18	W 16	5027920001000000	SOUTH SIMPSON NO. 1	22	N 17	W 12
50179200010000	KAVIK UNIT NO. 1	7	N 3	E 23	5027920002000000	DREW POINT NO. 1	26	N 18	W 8
50179200020000	BELI UNIT NO. 1	8	N 4	E 23	5027920003000000	INIGOK NO. 1	34	N 8	W 5
50179200030000	KAVIK UNIT NO. 2	11	N 3	E 22	5027920004000000	IKPIKPUK NO. 1	25	N 13	W 10
50179200040000	KAVIK UNIT NO. 3	8	N 3	E 23	5027920005000000	EAST SIMPSON NO. 1	18	N 18	W 10
50179200050000	CANNING RIVER UNIT NO. A1	19	N 3	E 24	5027920006000000	J. W. DALTON NO. 1	14	N 18	W 5
50179200060000	CANNING RIVER UNIT NO. B-1	32	N 04	E 34	5027920007000000	EAST SIMPSON NO. 2	23	N 19	W 11
50231000100000	SUSIE UNIT NO. 1	22	N 2	E 13	5027920008000000	UMIAT NO. 1	34	N 1	W 2
50232000100000	SHAVTOVIK UNIT NO. 1	8	N 2	E 19	5028710001000000	UMIAT NO. 2	3	S 1	W 1
50232000200000	WEST KAVIK NO. 1	20	N 5	E 20	5028710002000000	UMIAT (CORE TST 1) NO. 3	3	S 1	W 1
50232000300000	MORA FEDERAL NO. 1	5	N 2	E 14	5028710003000000	UMIAT (RUBY 1) NO. 4	3	S 1	W 1
50232000400000	BUSH FEDERAL NO. 1	31	N 4	E 13	5028710004000000	UMIAT (RUBY 2) NO. 5	3	S 1	W 1
50232000500000	KEMIK NO. 1	17	N 1	E 20	5028710005000000	UMIAT (RUBY 3) NO. 6	10	S 1	W 1
50232000600000	FIN CREEK UNIT NO. 1	25	N 2	E 18	5028710006000000	UMIAT (RUBY 4) NO. 7	10	S 1	W 1
50232000700000	ECHOOKA UNIT NO. 1	32	N 1	E 16	5028710007000000	UMIAT NO. 8	34	N 1	W 1
50232000800000	WEST KADLEROSHILIK NO. 1	14	N 5	E 14	5028710008000000	UMIAT NO. 9	5	S 1	W 1

Table 2. -- continued

API NUMBER	WELL NAME	SEC	TWP	RGE	WELL NAME	SEC	TWP	RGE	API NUMBER	SEC	TWP	RGE
50287100100000	UMIAT NO. 10	34	S 1	W 1	ABEL STATE NO. 1	27	N 12	E 14	50029202000000	27	N 12	E 14
50287100110000	UMIAT NO. 11	34	N 1	W 1	ALASKA STATE NO. A1	27	N 10	E 24	50089200030000	27	N 10	E 24
50287100120000	SENTINEL HILL (CR) NO. 1	20	N 3	E 3	ATIGARU POINT NO. 1	19	N 14	E 2	50103200090000	19	N 14	E 2
50287100130000	GURIK NO. 1	19	N 1	E 3	AUFELS UNIT NO. 1	30	S 3	E 11	50223200100000	30	S 3	E 11
50287100140000	GURIK NO. 2	20	N 1	E 3	AVAK NO. 1	17	N 22	W 17	50023100130000	17	N 22	W 17
50287100150000	GURIK UNIT NO. 1	21	N 1	E 3	AVUNA NO. 1	30	S 3	W 25	50165200010000	30	S 3	W 25
50287100160000	EAST UMIAT UNIT NO. 1	19	S 1	E 2	BARROW (CORE TST) NO. 1	22	N 23	W 18	50023100080000	22	N 23	W 18
50287100170000	SHALE WALL UNIT NO. 1	2	S 5	E 5	BARROW BIG RIG NO. 1	22	N 23	W 18	50023100070000	22	N 23	W 18
50287100180000	KUPARUK UNIT NO. 1	1	S 2	E 5	BARROW CORE RIG NO. 1	22	N 23	W 18	50023100050000	22	N 23	W 18
50287100200000	ITKILLIK UNIT NO. 1	11	N 1	E 6	BARROW CORE RIG NO. 2	27	N 23	W 18	50023100060000	27	N 23	W 18
50287100210000	SCHRAEDER UNIT NO. 1	18	S 3	E 5	BEECHY POINT NO. 1	20	N 12	E 12	50029200080000	20	N 12	E 12
50287100220000	LITTLE TWIST UNIT NO. 1	34	S 3	W 4	BELI UNIT NO. 1	8	N 4	E 23	50179200020000	8	N 4	E 23
50287200010000	EAST KUPARUK UNIT NO. 1	10	S 2	E 8	BUSH FEDERAL NO. 1	31	N 4	E 13	50223200040000	31	N 4	E 13
50287200020000	EAST UMIAT UNIT NO. 2	15	S 1	E 1	CANNING RIVER UNIT NO. A1	19	N 3	E 24	50179200050000	19	N 3	E 24
50287200030000	COLVILLE UNIT NO. 1	21	S 1	E 1	CANNING RIVER UNIT NO. B-1	32	N 04	E 34	50179200060000	32	N 04	E 34
50287200040000	COLVILLE UNIT NO. 2	11	S 1	E 1	CAPE HALKETT NO. 1	5	N 16	W 2	50103200040000	5	N 16	W 2
50287200070000	SEABEE NO. 1	5	S 1	W 1	COLVILLE DELTA NO. 1	9	N 13	E 6	50103200020000	9	N 13	E 6
50297100010000	KIOLAK NO. 1	25	N 7	W 34	COLVILLE NO. 1	25	N 12	E 7	50103100020000	25	N 12	E 7
50301200010000	TUNALIK NO. 1	20	N 10	W 36	COLVILLE UNIT NO. 1	21	S 1	E 1	50287200030000	21	S 1	E 1
50301200020000	PEARL NO. 1	25	N 16	W 28	COLVILLE UNIT NO. 2	11	S 1	E 1	50287200040000	11	S 1	E 1
					DELTA STATE NO. 1	10	N 10	E 16	50029200040000	10	N 10	E 16
					DREW POINT NO. 1	26	N 18	W 8	50279200020000	26	N 18	W 8
					EAST BAY STATE NO. 1	9	N 11	E 15	50029201330000	9	N 11	E 15
					EAST KUPARUK UNIT NO. 1	10	S 2	E 8	50287200010000	10	S 2	E 8
					EAST KURUPA UNIT NO. 1	9	S 7	W 6	50137200020000	9	S 7	W 6
					EAST MIKKELSEN BAY NO. 1	7	N 9	E 21	50089200020000	7	N 9	E 21
					EAST OUMALIK NO. 1	13	N 5	W 15	50119100060000	13	N 5	W 15
					EAST SIMPSON NO. 1	18	N 18	W 10	50279200050000	18	N 18	W 10
					EAST SIMPSON NO. 2	23	N 19	W 11	50279200070000	23	N 19	W 11
					EAST TESKEPUK NO. 1	16	N 14	W 4	50103200060000	16	N 14	W 4
					EAST TOPAGORUK NO. 1	12	N 14	W 14	50279100340000	12	N 14	W 14
					EAST UGNU NO. 1	17	N 12	E 10	50029200320000	17	N 12	E 10
					EAST UMIAT UNIT NO. 1	15	S 1	E 2	50287100160000	15	S 1	E 2
					EAST UMIAT UNIT NO. 2	15	S 1	E 1	50287200020000	15	S 1	E 1
					ECHOOKA UNIT NO. 1	32	N 1	E 16	50223200080000	32	N 1	E 16
					FIN CREEK UNIT NO. 1	25	N 2	E 18	50223200070000	25	N 2	E 18
					FOGGY ISL BAY ST UN NO. 1	19	N 11	E 17	50103100010000	19	N 11	E 17
					GRANDSTAND NO. 1	32	S 5	E 1	50029201450000	32	S 5	E 1
					GURIK NO. 1	19	N 1	E 3	50057100010000	19	N 1	E 3
					GURIK NO. 2	20	N 1	E 3	50287100130000	20	N 1	E 3
					GUDIK UNIT NO. 1	21	N 1	E 3	50287100140000	21	N 1	E 3
					GULL ISLAND STATE NO. 1	21	N 12	E 15	50287100150000	21	N 12	E 15
					GWYDOR BAY SOUTH NO. 1	8	N 12	E 13	50029201310000	8	N 12	E 13
					HEMI NO. 3-9-11	3	N 9	E 11	50029201450000	3	N 9	E 11
					HIGHLAND STATE NO. 1	24	N 11	E 11	50029200180000	24	N 11	E 11
					HURL NO. 5-10-13	5	N 10	E 13	50029201990000	5	N 10	E 13
					IKO NO. 1	16	N 21	W 16	50029200270000	16	N 21	W 16
					IKPIKPUK (CORE TST) NO. 1	5	N 5	W 15	5023200070000	5	N 5	W 15
					IKPIKPUK NO. 1	25	N 13	W 10	5023200070000	25	N 13	W 10
					INIGOK NO. 1	34	N 8	W 5	50119100010000	34	N 8	W 5
					ITKILLIK RIVER UNIT NO. 1	10	N 8	E 5	50279200040000	10	N 8	E 5
									50103200030000			

Table 3. Alphabetical listing of North Slope wells with rock-unit reports.

Table 3. -- continued

WELL NAME	API NUMER	SEC	TWP	RGE	WELL NAME	API NUMER	SEC	TWP	RGE
ITKILLIK UNIT NO. 1	50287100200000	11	N 1	E 6	PRUDHOE BAY (DS A-1) NO. 35-11-15	50029200780000	34	N 11	E 15
J. W. OALTON NO. 1	50279200060000	14	N 18	W 5	PRUDHOE BAY DS 1-1 NO. 8-10-15	50029200440000	8	N 10	E 15
KAD RIVER NO. 1	50029200210000	4	N 18	E 16	PRUDHOE BAY NO. 1	50029200010000	10	N 11	E 14
KACLER NO. 15-9-16	50029200190000	15	N 9	E 16	PUT RIVER (A-1) NO. 35-11-13	50029200100000	35	N 11	E 14
KALURIK CREEK NO. 1	50103200010000	10	N 12	W 8	PUT RIVER (B-1) NO. 31-11-4	50029201080000	31	N 11	E 14
KAOLAK NO. 1	50297100010000	25	N 7	W 34	PUT RIVER (D-1) NO. 23-11-13	50029200590000	23	N 11	E 13
KAVARAK POINL NO. 32-25	50029200280000	25	N 13	E 10	PUT RIVER (F-1) NO. 2-11-13	50029200540000	2	N 11	E 13
KAVIK UNIT NO. 1	50172000010000	7	N 3	E 23	PUT RIVER (M-2) NO. 21-11-13	50029201080000	21	N 11	E 13
KAVIK UNIT NO. 2	50179200030000	11	N 3	E 22	PUT RIVER (J-1) NO. 9-11-13	50029201000000	9	N 11	E 13
KAVIK UNIT NO. 3	50179200040000	8	N 3	E 23	PUT RIVER (M-1) NO. 01-11-12	50029200200000	1	N 11	E 12
KEMIK NO. 1	50223200060000	17	N 1	E 20	PUT RIVER (N-1) NO. 27-11-13	50029200420000	8	N 11	E 12
KEMIK UNIT NO. 2	50223200050000	06	S 01	E 21	PUT RIVER 1 NO. 7-10-14	50029200790000	27	N 11	E 14
KNIFEPLADE NO. 1	50119100120000	36	S 3	W 12	PUT RIVER NO. 19-10-15	50029200170000	7	N 10	E 14
KNIFEPLADE NO. 2	50119100130000	2	S 4	W 12	PUT RIVER NO. 24-10-14	50029200350000	19	N 10	E 15
KNIFEPLADE NO. 2A	50119100140000	2	S 4	W 12	PUT RIVER NO. 33-11-13	50029200150000	24	N 10	E 14
KOLUKTAK NO. 1	50119100150000	27	N 5	W 11	PUT RIVER NO. 33-12-13	50029200100000	33	N 11	E 13
KOLUKTAK NO. 1	50103100030000	19	N 11	E 7	SAG DELTA NO. 31-10-16	50029200700000	33	N 12	W 13
KUGRUA NO. 1	50163200020000	8	N 14	W 26	SAG DELTA NO. 31-11-16	50029200300000	31	N 10	E 16
KUP DELTA NO. 51-1	50029200065000	11	N 12	E 13	SAG DELTA NO. 33-12-16	50029201760000	4	N 11	E 16
KUP RIVER NO. 21-12-13	50029200220000	21	N 12	E 13	SAG RIVER NO. 1	50029200020000	4	N 10	E 15
KUPAPUK STATE NO. 1	50029200080000	21	N 11	E 12	SCHRAEDER UNIT NO. 1	50287100210000	18	S 3	E 5
KUPAPUK STATE NO. 24-11-12	50029200690000	23	N 11	E 12	SEARBE NO. 1	50287200070000	5	S 1	W 1
KUPAPUK STATE NO. 33-11-12	50029200610000	33	N 11	E 12	SENTINEL HILL (CR) NO. 1	50287100120000	20	N 3	E 3
KUPAPUK STATE NO. 7-11-12	50029200620000	7	N 11	E 12	SHALE WALL UNIT NO. 1	50223200010000	2	S 5	E 5
KUPAPUK UNIT NO. 1	50287100180000	1	S 2	E 5	SHAVTOVIK UNIT NO. 1	50279100170000	8	N 2	E 19
KUYANAK NO. 1	50163200030000	10	N 18	W 16	SIMPSON (CORE TST) NO. 1	50279100010000	10	N 18	W 13
LAKE 79 FEDERAL NO. 1	50029200310000	1	N 8	E 17	SIMPSON (CORE TST) NO. 10	50279100110000	34	N 19	W 13
LAKE STATE NO. 1	50029200120000	24	N 10	E 15	SIMPSON (CORE TST) NO. 11	50279100120000	21	N 19	W 13
LITTLE TWIST UNIT NO. 1	50287100220000	34	S 3	W 4	SIMPSON (CORE TST) NO. 12	50279100130000	27	N 19	W 13
LUPINE UNIT NO. 1	50223200110000	13	S 4	E 14	SIMPSON (CORE TST) NO. 13	50279100140000	24	N 19	W 11
MEADE NO. 1	50163100020000	19	N 8	W 22	SIMPSON (CORE TST) NO. 14	50279100150000	24	N 19	W 11
MIKKELSEN BAY NO. 13-9-19	50029200550000	13	N 9	E 19	SIMPSON (CORE TST) NO. 15	50279100160000	24	N 19	W 11
MILME POINT NO. 18-1	50029200690000	11	N 13	E 10	SIMPSON (CORE TST) NO. 16	50279100170000	24	N 19	W 11
NIARUK NO. 1-A	50029201560101	26	N 12	E 15	SIMPSON (CORE TST) NO. 17	50279100180000	24	N 19	W 11
NCPA FEDERAL NO. 1	50223200030000	5	N 2	E 14	SIMPSON (CORE TST) NO. 18	50279100190000	23	N 19	W 11
NORTH FRANKLIN RLIFS NO. 1	50029201220000	20	N 8	E 14	SIMPSON (CORE TST) NO. 19	50279100200000	22	N 19	W 11
NORTH INIGOK NO. 1	50103200170000	36	N 11	W 4	SIMPSON (CORE TST) NO. 20	50279100210000	10	N 18	W 13
NORTH KALIKPIK NO. 1	50103200110000	3	N 13	W 2	SIMPSON (CORE TST) NO. 21	50279100220000	13	N 19	W 11
NORTH KUPARUK NO. 26-12-12	50029200320000	26	N 12	E 12	SIMPSON (CORE TST) NO. 22	50279100230000	19	N 19	W 10
NORTH PRUDHOE BAY NO. 1	50029200490000	23	N 12	E 14	SIMPSON (CORE TST) NO. 23	50023100020000	1	N 19	W 11
NORTH SIMPSON NO. 1	50023100040000	26	N 20	W 12	SIMPSON (CORE TST) NO. 24	50023100030000	6	N 19	W 10
NORTHWEST FILFFW NO. 1	50029200130000	28	N 12	E 11	SIMPSON (CORE TST) NO. 25	50279100240000	11	N 18	W 11
NORTHWEST EILEEN NO. 2	50029201170000	28	N 12	E 11	SIMPSON (CORE TST) NO. 26	50279100250000	11	N 18	W 11
OUMALIK (CORE TST) NO. 1	50119100020000	32	N 5	W 15	SIMPSON (CORE TST) NO. 27	50279100260000	19	N 19	W 10
OUMALIK (CORE TST) NO. 11	50119100030000	30	N 6	W 16	SIMPSON (CORE TST) NO. 28	50279100270000	11	N 18	W 13
OUMALIK (CORE TST) NO. 12	50119100040000	30	N 6	W 16	SIMPSON (CORE TST) NO. 29	50279100280000	10	N 18	W 13
OUMALIK NO. 1	50119100050000	30	N 6	W 16	SIMPSON (CORE TST) NO. 30	50279100290000	11	N 18	W 11
PEARO NO. 1	50301200020000	25	N 16	W 28	SIMPSON (CORE TST) NO. 30A	50279100300000	11	N 18	W 11
PLACED ET AL STATE NO. 3-10-13	50029200570000	3	N 10	E 13					
PLAGHM PEECHERY POINT NO. 1	50029200820000	14	N 13	E 11					
POINT STORKFENSE NO. 1	50029200160000	7	N 12	E 14					
PRUDHOE BAY (OS 2-4) NO. 36-11-14	50029200640000	36	N 11	E 14					

Table 3. -- continued

WELL NAME	API NUMBER	SEC	TWP	RGE	WELL NAME	API NUMBER	SEC	TWP	RGE
SIMPSON (CORE TST) NO. 31	50279100300000	36	N 19	W 11	UMIAT NO. 11	50287100110000	34	N 1	W 1
SIMPSON (CORE TST) NO. 4	50279100040000	10	N 18	W 13	UMIAT NO. 2	50287100020000	3	S 1	W 1
SIMPSON (CORE TST) NO. 5	50279100050000	3	N 18	W 13	UMIAT NO. 8	50287100080000	34	N 1	W 1
SIMPSON (CORE TST) NO. 6	50279100060000	9	N 18	W 13	UMIAT NO. 9	50287100090000	5	S 1	W 1
SIMPSON (CORE TST) NO. 7	50279100070000	9	N 18	W 13	W T FORAN NO. 1	50103200100000	13	W 17	W 2
SIMPSON (CORE TST) NO. 8	50279100080000	4	N 18	W 13	WALAKPA NO. 1	50023200130000	9	N 20	W 19
SIMPSON (CORE TST) NO. 9	50279100090000	34	N 19	W 13	WALAKPA NO. 2	50023200190000	31	N 20	W 19
SIMPSON (CORE TST) NO. 10	50279100100000	14	N 13	E 9	WEST CHANNEL NO. 1-3	50023200140000	3	N 9	E 15
SIMPSON (CORE TST) NO. 11	50279100110000	32	N 19	W 13	WEST DEASE NO. 1	50023200140000	21	N 21	W 1
SIMPSON (CORE TST) NO. 12	50279100120000	23	N 19	W 13	WEST FISH CREEK NO. 1	50103200090000	11	N 11	W 1
SIMPSON (CORE TST) NO. 13	50279100130000	25	N 10	E 14	WEST KADLEPOSHILIK NO. 1	5023200090000	14	N 5	E 14
SIMPSON (CORE TST) NO. 14	50279100140000	28	N 23	W 18	WEST KAVIK NO. 1	5023200020000	20	N 5	E 20
SIMPSON (CORE TST) NO. 15	50279100150000	14	N 22	W 18	WEST KUPARUK NO. 3-11-11	50029200140000	3	N 11	E 11
SIMPSON (CORE TST) NO. 16	50279100160000	14	N 22	W 18	WEST KURUPA UNIT NO. 1	50137200010000	33	S 6	W 14
SIMPSON (CORE TST) NO. 17	50279100170000	23	N 22	W 17	WEST SAK RIVER NO. 1	5002920090000	2	N 11	E 10
SIMPSON (CORE TST) NO. 18	50279100180000	14	N 22	W 18	WEST STAINES I NO. 18-9-23	50089200010000	18	N 9	E 23
SIMPSON (CORE TST) NO. 19	50279100190000	25	N 22	W 17	WEST STAINES STATE NO. 2	50089200040000	25	N 09	E 22
SIMPSON (CORE TST) NO. 20	50279100200000	23	N 22	W 17	WOLF CREEK NO. 1	50119100080000	2	S 1	W 7
SIMPSON (CORE TST) NO. 21	50279100210000	1	N 22	W 18	WOLF CREEK NO. 2	50119100090000	36	N 1	W 7
SIMPSON (CORE TST) NO. 22	50279100220000	30	N 22	W 16	WOLF CREEK NO. 3	50119100100000	2	S 1	W 7
SIMPSON (CORE TST) NO. 23	50279100230000	24	N 22	W 17					
SIMPSON (CORE TST) NO. 24	50279100240000	23	N 22	W 17					
SIMPSON (CORE TST) NO. 25	50279100250000	14	N 22	W 18					
SIMPSON (CORE TST) NO. 26	50279100260000	26	N 22	W 17					
SIMPSON (CORE TST) NO. 27	50279100270000	24	N 21	W 18					
SIMPSON (CORE TST) NO. 28	50279100280000	14	N 22	W 18					
SIMPSON (CORE TST) NO. 29	50279100290000	14	N 22	W 18					
SIMPSON (CORE TST) NO. 30	50279100300000	14	N 22	W 18					
SIMPSON (CORE TST) NO. 31	50279100310000	11	N 22	W 18					
SIMPSON (CORE TST) NO. 32	50279100320000	6	N 12	E 2					
SIMPSON (CORE TST) NO. 33	50279100330000	31	N 15	W 19					
SIMPSON (CORE TST) NO. 34	50279100340000	22	N 17	E 12					
SIMPSON (CORE TST) NO. 35	50279100350000	35	N 11	E 12					
SIMPSON (CORE TST) NO. 36	50279100360000	2	N 2	W 6					
SIMPSON (CORE TST) NO. 37	50279100370000	22	N 2	E 13					
SIMPSON (CORE TST) NO. 38	50279100380000	23	N 1	W 11					
SIMPSON (CORE TST) NO. 39	50279100390000	4	N 8	E 15					
SIMPSON (CORE TST) NO. 40	50279100400000	5	N 8	E 12					
SIMPSON (CORE TST) NO. 41	50279100410000	4	N 8	E 9					
SIMPSON (CORE TST) NO. 42	50279100420000	25	N 15	W 16					
SIMPSON (CORE TST) NO. 43	50279100430000	7	N 21	W 14					
SIMPSON (CORE TST) NO. 44	50279100440000	20	N 10	W 36					
SIMPSON (CORE TST) NO. 45	50279100450000	22	N 12	E 9					
SIMPSON (CORE TST) NO. 46	50279100460000	3	S 1	W 1					
SIMPSON (CORE TST) NO. 47	50279100470000	3	S 1	W 1					
SIMPSON (CORE TST) NO. 48	50279100480000	3	S 1	W 1					
SIMPSON (CORE TST) NO. 49	50279100490000	10	S 1	W 1					
SIMPSON (CORE TST) NO. 50	50279100500000	10	S 1	W 1					
SIMPSON (CORE TST) NO. 51	50279100510000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 52	50279100520000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 53	50279100530000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 54	50279100540000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 55	50279100550000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 56	50279100560000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 57	50279100570000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 58	50279100580000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 59	50279100590000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 60	50279100600000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 61	50279100610000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 62	50279100620000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 63	50279100630000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 64	50279100640000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 65	50279100650000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 66	50279100660000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 67	50279100670000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 68	50279100680000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 69	50279100690000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 70	50279100700000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 71	50279100710000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 72	50279100720000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 73	50279100730000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 74	50279100740000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 75	50279100750000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 76	50279100760000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 77	50279100770000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 78	50279100780000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 79	50279100790000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 80	50279100800000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 81	50279100810000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 82	50279100820000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 83	50279100830000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 84	50279100840000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 85	50279100850000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 86	50279100860000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 87	50279100870000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 88	50279100880000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 89	50279100890000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 90	50279100900000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 91	50279100910000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 92	50279100920000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 93	50279100930000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 94	50279100940000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 95	50279100950000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 96	50279100960000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 97	50279100970000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 98	50279100980000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 99	50279100990000	34	N 1	W 2					
SIMPSON (CORE TST) NO. 100	50279101000000	34	N 1	W 2					

BIRD

NORTH SLOPE ROCK UNIT REPORT

08/01/81

TWP: 19N RGE: 11W SEC: 13 SURF. SIMPSON (CORE TST) 21
 LAT: 071 00 28 LONG: 154 36 54 SURF. API NUMBER: 50-023-10001-00-00
 KB ELEV.: 26 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 1502

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/20/81
GRK/SFD	SUR	4	85	LOG	
COLVILLE	LOG	85	1265	LOG	
CLV GP H	LOG	85	1265	LOG	
NANUSHUK	LOG	1265	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 19N RGE: 11W SEC: 1 SURF. SIMPSON (CORE TST) 23
 LAT: 071 2 4 LONG: 154 38 2 SURF. API NUMBER: 50-023-10002-00-00
 KB ELEV.: 18 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 1035

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/20/81
GRK/SFD	SUR	3	110	LOG	
COLVILLE	LOG	110	575	LOG	
CLV GP H	LOG	110	575	LOG	
NANUSHUK	LOG	575	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 19N RGE: 10W SEC: 6 SURF. SIMPSON (CORE TST) 24
 LAT: 071 1 46 LONG: 154 37 1 SURF. API NUMBER: 50-023-10003-00-00
 KB ELEV.: 11 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 901

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/20/81
GRK/SFD	SUR	3	85	LOG	
COLVILLE	LOG	85	580	LOG	
CLV GP H	LOG	85	580	LOG	
NANUSHUK	LOG	580	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 20N RGE: 12W SEC: 26 SURF. NORTH SIMPSON 1
 LAT: 071 3 23 LONG: 154 58 5 SURF. API NUMBER: 50-023-10004-00-00
 KB ELEV.: 31 ROCK UNIT AT T.D.: TOROK TOTAL DEPTH: 3774

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GRK/SFD	SUR	15	90	LOG	
COLVILLE	LOG	90	2770	LOG	
CLV GP H	LOG	90	2770	LOG	
TOROK	LOG	2770	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 23N RGE: 18W SEC: 22 SURF. BARROW CORE RIG 1
 LAT: 071 19 24 LONG: 156 39 2 SURF. API NUMBER: 50-023-10005-00-00
 KB ELEV.: 13 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 344

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/20/81
GRK/SFD	SUR	3	95	LOG	
NANUSHUK	LOG	95			

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 23N RGE: 18W SEC: 27 SURF. BARROW CORE RIG 2
 LAT: 071 19 00 LONG: 156 39 58 SURF. API NUMBER: 50-023-10006-00-00
 KB ELEV.: 16 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 236

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/20/81
GRK/SFD	SUR	2	100	LOG	
NANUSHUK	LOG	100			

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 23N RGE: 18W SEC: 22 SURF. BARROW BIG RIG 1
 LAT: 071 19 44 LONG: 156 40 5 SURF. API NUMBER: 50-023-10007-00-00
 KB ELEV.: 16 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 685

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/20/81
GRK/SFD	SUR	8	90	LOG	
NANUSHUK	LOG	90			

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 23N RGE: 18W SEC: 22 SURF. BARROW (CORE TST) 1
 LAT: 071 19 40 LONG: 156 40 00 SURF. API NUMBER: 50-023-10008-00-00
 KB ELEV.: 19 ROCK UNIT AT T.D.: TOROK TOTAL DEPTH: 1442

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/20/81
GRK/SFD	SUR	8	100	LOG	
NANUSHUK	LOG	100	290	LOG	
TOPOK	LOG	290			

BIRD

NORTH SLOPE ROCK UNIT REPORT

08/01/81

TWP: 23N RGE: 18W SEC: 28 SURF. SOUTH BARROW 1
 LAT: 071 19 11 LONG: 156 42 15 SURF. API NUMBER: 50-023-10009-00-00
 KB ELEV.: 18 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 3553

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
GRK/SFD	SUR	13	70	LOG	
NANUSHUK	LOG	70	690	LOG	
GRNDSTND	LOG	70	690	LOG	
TOROK	LOG	690	2800	LOG	
PPBL SHL	LOG	2800	3330	LOG	
BPBLSH S	LOG	3305	3330	LOG	
PPLS UFM	LOG	3330	3330	LOG	
KINGAK	LOG	3330	3405	LOG	
ARGILLIT	LOG	3405	----		

FIELD

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 22N RGE: 18W SEC: 14 SURF. SOUTH BARROW 2
 LAT: 071 15 48 LONG: 156 38 3 SURF. API NUMBER: 50-023-10010-00-00
 KB ELEV.: 35 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 2505

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GRK/SFD	SUR	11	80	LOG	
TOROK	LOG	80	1910	LOG	
PPBL SHL	LOG	1910	2330	LOG	
BPBLSH S	LOG	2325	2330	LOG	
PPLS UFM	LOG	2330	2330	LOG	
KINGAK	LOG	2330	2445	LOG	
BARROW S	LOG	2340	2380	LOG	
ARGILLIT	LOG	2445	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 21N RGE: 18W SEC: 24 SURF. SOUTH BARROW 3
 LAT: 071 9 46 LONG: 156 34 44 SURF. API NUMBER: 50-023-10011-00-00
 KB ELEV.: 44 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 2900

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GRK/SFD	SUR	14	65	LOG	
TOROK	LOG	65	1260	LOG	
PPBL SHL	LOG	1260	1660	LOG	
BPBLSH S	LOG	1645	1660	LOG	
PPLS UFM	LOG	1660	1660	LOG	
KINGAK	LOG	1660	2585	LOG	
BARROW S	LOG	2320	2455	LOG	
SAG RV	LOG	2585	2610	LOG	
SHUBLIK	LOG	2610	2795	LOG	
ARGILLIT	LOG	2795	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 22N RGE: 18W SEC: 14 SURF. SOUTH BARROW 4
 LAT: 071 15 51 LONG: 156 37 50 SURF. API NUMBER: 50-023-10012-00-00
 KB ELEV.: 43 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 2538

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GEK/SFD	SUR	19	115	LOG	
TOROK	LOG	115	1930	LOG	
PPBL SHL	LOG	1930	2355	LOG	
BPBLSH S	LOG	2345	2355	LOG	
PPLS UFM	LOG	2355	2355	LOG	
KINGAK	LOG	2355	2470	LOG	
BARROW S	LOG	2355	2410	LOG	
ARGILLIT	LOG	2470	----		

PIPD

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 22N RGE: 17W SEC: 17 SURF. AVAK 1
 LAT: 071 15 2 LONG: 156 28 5 SURF. API NUMBER: 50-023-10013-00-00
 KB ELEV.: 17 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 4020

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
GEK/SFD	SUR	16	100	LOG	
PPBL SHL	LOG	100	1350	LOG	
PPLS UFM	LOG	1350	1350	LOG	
KINGAK	LOG	1350	2305	LOG	
BARROW S	LOG	1590	1890	LOG	
ARGILLIT	LOG	2305	----		

PIED

NORTH SLOPE ROCK UNIT REPORT

08/27/81

TWP: 22N RGE: 18W SEC: 14 SURF. SOUTH BARROW 5
 LAT: 071 15 51 LONG: 156 37 59 SURF. API NUMBER: 50-023-10014-00-00
 KB ELEV.: 38 ROCK UNIT AT T.D.: BSM CPLX TOTAL DEPTH: 2456

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/27/81
GEK/SFD	SUR	13	100	EST	
TOROK	EST	100	1920	EST	
PPBL SHL	EST	1920	2340	EST	
PPLS UFM	EST	2340	2340	EST	
KINGAK	EST	2340	2450	EST	
BARROW S	EST	2340	2450	EST	
BSM CPLX	EST	2450	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 22N RGE: 18W SEC: 14 SURF. SOUTH BARROW 6
 LAT: 071 15 44 LONG: 156 36 53 SURF. API NUMBER: 50-023-10015-00-00
 KB ELEV.: 40 ROCK UNIT AT T.D.:BARROW S TOTAL DEPTH: 2363

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GPK/SFD	SUR	18	120	SPL	
TOROK	SPL	120	1845	LOG	
PPBL SHL	LOG	1845	2285	LOG	
BPBLSH S	LOG	2280	2285	LOG	
PPLS UFM	LOG	2285	2285	LOG	
KINGAK	LOG	2285	----		
BARROW S	LOG	2290	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 22N RGE: 18W SEC: 14 SURF. SOUTH BARROW 7
 LAT: 071 15 37 LONG: 156 35 42 SURF. API NUMBER: 50-023-20001-00-00
 KB ELEV.: 36 ROCK UNIT AT T.D.:BARROW S TOTAL DEPTH: 2351

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GPK/SFD	SUR	12	110	SPL	
TOROK	LOG	110	1820	LOG	
PPBL SHL	LOG	1820	2245	LOG	
BPBLSH S	LOG	2240	2245	LOG	
PPLS UFM	LOG	2245	2245	LOG	
KINGAK	LOG	2245	----		
BARROW S	LOG	2245	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 22N RGE: 18W SEC: 14 SURF. SOUTH BARROW 8
 LAT: 071 15 54 LONG: 156 35 31 SURF. API NUMBER: 50-023-20002-00-00
 KB ELEV.: 31 ROCK UNIT AT T.D.:BARROW S TOTAL DEPTH: 2359

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GPK/SFD	SUR	13	100	EST	
TOROK	EST	100	1850	LOG	
PPBL SHL	LOG	1850	2270	LOG	
BPBLSH S	LOG	2260	2270	LOG	
PPLS UFM	LOG	2270	2270	LOG	
KINGAK	LOG	2270	----		
BARROW S	LOG	2310	----		

EIPD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 22N RGE: 18W SEC: 11 SURF. SOUTH BARROW 9
 LAT: 071 15 3 LONG: 156 36 53 SURF. API NUMBER: 50-023-20003-00-00
 KB ELEV.: 29 ROCK UNIT AT T.D.:BARROW S TOTAL DEPTH: 2450

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/20/81
GRK/SFD	SUR	13	100	EST	
TOROK	EST	100	1935	LOG	
PEBL SHL	LOG	1935	2350	LOG	
PELSH GR	LOG	1935	1975	LOG	
BPBLSH S	LOG	2335	2350	LOG	
PELS UFM	LOG	2350	2350	LOG	
KINGAK	LOG	2350	----		
BARROW S	LOG	2370	----		

EIPD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 22N RGE: 18W SEC: 14 SURF. SOUTH BARROW 10
 LAT: 071 15 31 LONG: 156 37 34 SURF. API NUMBER: 50-023-20004-00-00
 KB ELEV.: 38 ROCK UNIT AT T.D.:BARROW S TOTAL DEPTH: 2349

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	12	100	EST	
TOROK	EST	100	1825	LOG	
PEBL SHL	LOG	1825	2265	LOG	
BPPLSH S	LOG	2255	2265	LOG	
PELS UFM	LOG	2265	2265	LOG	
KINGAK	LOG	2265	----		
BARROW S	LOG	2265	----		

EIPD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 22N RGE: 18W SEC: 14 SURF. SOUTH BARROW 11
 LAT: 071 15 22 LONG: 156 36 23 SURF. API NUMBER: 50-023-20005-00-00
 KB ELEV.: 36 ROCK UNIT AT T.D.:KINGAK TOTAL DEPTH: 2350

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/20/81
GRK/SFD	SUR	14	100	EST	
TOROK	EST	100	1765	LOG	
PEBL SHL	LOG	1765	2195	LOG	
PELSH GR	LOG	1765	1805	LOG	
BPBLSH S	LOG	2190	2195	LOG	
PELS UFM	LOG	2195	2195	LOG	
KINGAK	LOG	2195	----		
BARROW S	LOG	2235	2310	LOG	

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 22N RGE: 17W SEC: 23 SURF. SOUTH BARROW 12
 LAT: 071 14 14 LONG: 156 20 16 SURF. API NUMBER: 50-023-20006-00-00
 KB ELEV.: 38 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 2285

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/16/81
GBK/SFD	SUR	14	100	EST	
TOROK	EST	100	1320	LOG	
PRBL SHL	LOG	1320	1735	LOG	
PRLSH GR	LOG	1320	1350	LOG	
PPLS UFM	LOG	1735	1735	LOG	
KINGAK	LOG	1735	2200	LOG	
BAPROW S	LOG	1940	2055	LOG	
SAG RV	LOG	2200	2265	LOG	
ARGILLIT	LOG	2265	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

07/20/81

TWP: 21N RGE: 16W SEC: 16 SURF. IKO 1
 LAT: 071 10 12 LONG: 156 10 1 SURF. API NUMBER: 50-023-20007-00-00
 KB ELEV.: 40 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 2731

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GBK/SFD	SUR	28	100	EST	
TOROK	SPL	100	1510	LOG	
PRBL SHL	LOG	1510	1890	LOG	
PRLSH GR	LOG	1510	1535	LOG	
PPLS UFM	LOG	1890	1890	LOG	
KINGAK	LOG	1890	2535	LOG	
BAPROW S	LOG	2290	2430	LOG	
SAG RV	LOG	2535	2585	LOG	
SHUELIK	LOG	2585	2705	LOG	
ARGILLIT	LOG	2705	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 22N RGE: 18W SEC: 14 SURF. SOUTH BARROW 13
 LAT: 071 15 13 LONG: 156 37 40 SURF. API NUMBER: 50-023-20008-00-00
 KB ELEV.: 40 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 2535

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GBK/SFD	SUR	18	100	EST	
TOROK	EST	100	1705	LOG	
PRBL SHL	LOG	1705	2240	LOG	
PRLSH GR	LOG	1705	1745	LOG	
BPBLSH S	LOG	2230	2240	LOG	
PPLS UFM	LOG	2240	2240	LOG	
KINGAK	LOG	2240	2475	LOG	
BAPROW S	LOG	2295	2390	LOG	
ARGILLIT	LOG	2475	----		

BIPD

NORTH SLOPE ROCK UNIT REPORT

08/27/81

TWP: 22N RGE: 17W SEC: 25 SURF. SOUTH BARROW 14
 LAT: 071 13 58 LONG: 156 18 11 SURF. API NUMBER: 50-023-20009-00-00
 KB ELEV.: 31 ROCK UNIT AT T.D.:SAG RV TOTAL DEPTH: 2257

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	19	80	EST	
TOROK	EST	80	1365	LOG	
PRBL SHL	LOG	1365	1725	LOG	
PFLSH GR	LOG	1365	1590	LOG	
PFLS UFM	LOG	1725	1725	LOG	
KINGAK	LOG	1725	2235	LOG	
BARROW S	LOG	1975	2090	LOG	
SAG RV	LOG	2235	----		

BIPD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 22N RGE: 18W SEC: 1 SURF. SOUTH BARROW 16
 LAT: 071 16 55 LONG: 156 32 46 SURF. API NUMBER: 50-023-20010-00-00
 KB ELEV.: 30 ROCK UNIT AT T.D.:ARGILLIT TOTAL DEPTH: 2400

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GRK/SFD	SUR	22	80	EST	
TOROK	EST	80	1930	LOG	
PRBL SHL	LOG	1930	2340	LOG	
PFLSH GR	LOG	1930	1960	LOG	
PFLS UFM	LOG	2340	2340	LOG	
ARGILLIT	LOG	2340	----		

BIPD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 22N RGE: 16W SEC: 30 SURF. SOUTH BARROW 17
 LAT: 071 14 5 LONG: 156 15 47 SURF. API NUMBER: 50-023-20011-00-00
 KB ELEV.: 73 ROCK UNIT AT T.D.:ARGILLIT TOTAL DEPTH: 2382

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GRK/SFD	SUR	26	80	EST	
TOROK	EST	80	1410	LOG	
PRBL SHL	LOG	1410	1770	LOG	
PFLSH GR	LOG	1410	1445	LOG	
PFLS UFM	LOG	1770	1770	LOG	
KINGAK	LOG	1770	2275	LOG	
BARROW S	LOG	2005	2130	LOG	
SAG RV	LOG	2275	2345	LOG	
ARGILLIT	LOG	2345	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 22N RGE: 17W SEC: 23 SURF. SOUTH BARROW 19
 LAT: 071 5 00 LONG: 156 7 12 SURF. API NUMBER: 50-023-20012-00-00
 KB ELEV.: 30 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 2300

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/16/81
GPK/SFD	SUR	20	80	EST	
TOROK	EST	80	1350	LOG	
PPBL SHL	LOG	1350	1745	LOG	
PPLSH GR	LOG	1350	1385	LOG	
PPLS UFM	LOG	1745	1745	LOG	
KINGAK	LOG	1745	2195	LOG	
BARROW S	LOG	1930	2040	LOG	
SAG RV	LOG	2195	2265	LOG	
ARGILLIT	LOG	2265	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 20N RGE: 19W SEC: 9 SURF. WALAKPA 1
 LAT: 071 5 57 LONG: 156 53 3 SURF. API NUMBER: 50-023-20013-00-00
 KB ELEV.: 50 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 3666

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GPK/SFD	SUR	19	50	EST	
TOROK	EST	50	1700	LOG	
PPBL SHL	LOG	1700	2090	LOG	
PPLSH GR	LOG	1700	1730	LOG	
BPBLSH S	LOG	2070	2090	LOG	
PPLS UFM	LOG	2090	2090	LOG	
KINGAK	LOG	2090	3220	LOG	
BARROW S	LOG	2990	3100	LOG	
SAG RV	LOG	3220	3260	LOG	
SHUFLIK	LOG	3260	3630	LOG	
ARGILLIT	LOG	3630	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 21N RGE: 14W SEC: 21 SURF. WEST DEASE 1
 LAT: 071 9 32 LONG: 155 37 45 SURF. API NUMBER: 50-023-20014-00-00
 KB ELEV.: 24 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 4173

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GPK/SFD	SUR	19	155	SPL	
TOPOK	SPL	155	2910	LOG	
PPBL SHL	LOG	2910	3370	LOG	
PPLSH GR	LOG	2910	2935	LOG	
BPBLSH S	LOG	3360	3370	LOG	
PPLS UFM	LOG	3370	3370	LOG	
KINGAK	LOG	3370	3800	LOG	
BARROW S	LOG	3600	3730	LOG	
SAG RV	LOG	3800	3830	LOG	
SHUFLIK	LOG	3830	4005	LOG	
ARGILLIT	LOG	4005	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 22N RGE: 17W SEC: 26 SURF. SOUTH BARROW 20
 LAT: 071 13 56 LONG: 156 20 12 SURF. API NUMBER: 50-023-20015-00-00
 KB ELEV.: 30 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 2356

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/24/81
GRK/SFD	SUR	18	75	EST	
TOROK	EST	75	1310	LOG	
PRBL SHL	LOG	1310	1735	LOG	
PPLSH GR	LOG	1310	1375	LOG	
PPLS UFM	LOG	1735	1735	LOG	
KINGAK	LOG	1735	2230	LOG	
BARROW S	LOG	1970	2080	LOG	
SAG RV	LOG	2230	2315	LOG	
ARGILLIT	LOG	2315	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 22N RGE: 17W SEC: 23 SURF. SOUTH BARROW 15
 LAT: 071 14 24 LONG: 115 38 3 SURF. API NUMBER: 50-023-20016-00-00
 KB ELEV.: 30 ROCK UNIT AT T.D.: KINGAK TOTAL DEPTH: 2278

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/20/81
GRK/SFD	SUR	23	75	EST	
TOROK	EST	75	1480	LOG	
PRBL SHL	LOG	1480	1910	LOG	
PPLSH GR	LOG	1480	1550	LOG	
PPLS UFM	LOG	1910	1910	LOG	
KINGAK	LOG	1910	----		
BARROW S	LOG	2095	2210	LOG	

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 22N RGE: 17W SEC: 24 SURF. SOUTH BARROW 18
 LAT: 071 15 1 LONG: 156 17 21 SURF. API NUMBER: 50-023-20017-00-00
 KB ELEV.: 30 ROCK UNIT AT T.D.: KINGAK TOTAL DEPTH: 2125

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/20/81
GRK/SFD	SUR	18	75	EST	
TOPOK	EST	75	1375	LOG	
PRBL SHL	LOG	1375	1760	LOG	
PPLSH GR	LOG	1375	1425	LOG	
PPLS UFM	LOG	1760	1760	LOG	
KINGAK	LOG	1760	----		
BARROW S	LOG	1960	2075	LOG	

BIRD

NORTH SLOPE ROCK UNIT REPORT

07/01/81

TWP: 21N RGE: 14W SEC: 7 SURF. TULAGEAK 1
 LAT: 071 11 21 LONG: 155 44 00 SURF. API NUMBER: 50-023-20018-00-00
 KB ELEV.: 27 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 4015

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	17	100	EST	
TOPOK	EST	100	2505	LOG	
PEBL SHL	LOG	2505	2955	LOG	
PFLSH GR	LOG	2505	2515	LOG	
PFLS UFM	LOG	2955	2955	LOG	
KINGAK	LOG	2955	3760	LOG	
BARROW S	LOG	3495	3690	LOG	
SAG RV	LOG	3760	3800	LOG	
SHUELIK	LOG	3800	3960	LOG	
ARGILLIT	LOG	3960	----		

PIPD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 20N RGE: 19W SEC: 31 SURF. WALAKPA 2
 LAT: 071 3 00 LONG: 156 57 P SURF. API NUMBER: 50-023-20019-00-00
 KB ELEV.: 61 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 4360

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/20/81
GRK/SFD	SUR	17	50	EST	
TOROK	EST	50	2205	LOG	
PEBL SHL	LOG	2205	2640	LOG	
PFLSH GR	LOG	2205	2250	LOG	
BPBLSH S	LOG	2600	2640	LOG	
PFLS UFM	LOG	2640	2640	LOG	
KINGAK	LOG	2640	3845	LOG	
BARROW S	LOG	3645	3750	LOG	
SAG RV	LOG	3845	3885	LOG	
SHUELIK	LOG	3885	4300	LOG	
ARGILLIT	LOG	4300	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 14E SEC: 10 SURF. PRUDHOE BAY 1
 LAT: 070 19 24 LONG: 148 32 32 SURF. API NUMBER: 50-029-20001-00-00
 KB ELEV.: 40 ROCK UNIT AT T.D.:BSM CPLX TOTAL DEPTH: 12005

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/16/81
GBK/SFD	SUR	15	75	EST	
SG/CLV U	EST	75	7780	LOG	
SG/CLV S	EST	75	6470	LOG	
CLV GP H	LOG	6470	7780	LOG	
PEBL SHL	LOG	7780	7985	LOG	
PRLSH GR	LOG	7790	7985	LOG	
PRLS UFM	LOG	7985	7985	LOG	
KINGAK	LOG	7985	8115	LOG	
SAG RV	LOG	8115	8160	LOG	
SHUBLIK	LOG	8160	8210	LOG	
SADLRCT	LOG	8210	8790	LOG	
IVSK SS	LOG	8210	8670	LOG	
KAVIK SH	LOG	8670	8790	LOG	
LISBURN	LOG	8790	10440	LOG	
UP LIME	LOG	8790	9800	LOG	
DOLOMIT	LOG	9800	10210	LOG	
LO LMST	LOG	10210	10440	LOG	
ENDICOTT	LOG	10440	11795	LOG	
ITKILYRK	LOG	10440	11200	LOG	
KEKIKTUK	LOG	11200	11795	LOG	
BSM CPLX	LOG	11795	----	LOG	

BIRD

NORTH SLOPE ROCK UNIT REPORT

08/01/81

TWP: 10N RGE: 15E SEC: 4 SURF. SAG RIVER 1
 LAT: 070 15 17 LONG: 148 20 32 SURF. API NUMBER: 50-029-20002-00-00
 KB ELEV.: 58 ROCK UNIT AT T.D.:ARGILLIT TOTAL DEPTH: 12942

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GBK/SFD	SUR	16	75	EST	
SG/CLV U	EST	75	8215	LOG	
SG/CLV S	EST	75	6750	LOG	
CLV GP H	LOG	6750	8215	LOG	
PEBL SHL	LOG	8215	8420	LOG	
PELSH GR	LOG	8220	8410	LOG	
PRLS UFM	LOG	8420	8420	LOG	
SAG RV	LOG	8440	8480	LOG	
SHUBLIK	LOG	8480	8540	LOG	
SADLRCT	LOG	8540	9235	LOG	
IVSK SS	LOG	8540	9025	LOG	
KAVIK SH	LOG	9025	9235	LOG	
LISBURN	LOG	9235	11265	LOG	
UP LIME	LOG	9235	10520	LOG	
DOLOMIT	LOG	10520	10925	LOG	
LO LMST	LOG	10925	11265	LOG	
ENDICOTT	LOG	11265	12745	LOG	
ITKILYRK	LOG	11265	11960	LOG	
KEKIKTUK	LOG	11960	12745	LOG	
ARGILLIT	LOG	12745	----	LOG	

EIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 10N RGE: 16E SEC: 10 SURF. DELTA STATE 1
 LAT: 070 14 9 LONG: 148 1 53 SURF. API NUMBER: 50-029-20004-00-00
 KB ELEV.: 37 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 10001

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	16	75	EST	
SG/CLV U	EST	75	9115	LOG	
SG/CLV S	EST	75	7520	LOG	
CLV GP H	LOG	7520	9115	LOG	
PRBL SHL	LOG	9115	9350	LOG	
PRLSH GR	LOG	9120	9330	LOG	
PRLS UFM	LOG	9350	9350	LOG	
LISBURNE	LOG	9350	----		

EIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 8N RGE: 15E SEC: 4 SURF. TOOLIK FEDERAL 1
 LAT: 070 4 23 LONG: 148 23 34 SURF. API NUMBER: 50-029-20005-00-00
 KB ELEV.: 106 ROCK UNIT AT T.D.: SADLRCT TOTAL DEPTH: 10814

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	17	100	EST	
SG/CLV U	EST	100	9130	LOG	
SG/CLV S	EST	100	6360	LOG	
CLV GP H	LOG	6360	9130	LOG	
PRBL SHL	LOG	9130	9310	LOG	
PRLSH GR	LOG	9140	9260	LOG	
PRLS UFM	LOG	9310	9310	LOG	
KINGAK	LOG	9310	10125	LOG	
S43 RV	LOG	10125	10145	LOG	
SHURLIK	LOG	10145	10200	LOG	
SADLRCT	LOG	10200	----		
FIRE CPK	LOG	10200	10240	LOG	
IVSK SS	LOG	10240	----		

EIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 11N RGE: 14E SEC: 27 SURF. PUT RIVER 1 27-11-14
 LAT: 070 16 41 LONG: 148 33 56 SURF. API NUMBER: 50-029-20006-00-00
 KB ELEV.: 36 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 9240

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	16	75	EST	
SG/CLV U	EST	75	7725	LOG	
SG/CLV S	EST	75	6200	LOG	
CLV GP H	LOG	6200	7725	LOG	
PRBL SHL	LOG	7725	7925	LOG	
PRLSH GR	LOG	7735	7910	LOG	
PRLS UFM	LOG	7925	7925	LOG	
KINGAK	LOG	7925	8350	LOG	
S43 RV	LOG	8350	8385	LOG	
SHURLIK	LOG	8385	8460	LOG	
SADLRCT	LOG	8460	9230	LOG	
IVSK SS	LOG	8460	9000	LOG	
KAVIK SH	LOG	9000	9230	LOG	
LISBURNE	LOG	9230	----		
UP LIME	LOG	9230	----		

FIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 10N RGE: 14E SEC: 25 SURF. SOCIAL 31-25
 LAT: 070 11 50 LONG: 148 27 47 SURF. API NUMBER: 50-029-20007-00-00
 KB ELEV.: 70 ROCK UNIT AT T.D.: LISPURNE TOTAL DEPTH: 10271

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	20	75	EST	
SG/CLV U	EST	75	8200	LOG	
SG/CLV S	EST	75	6580	LOG	
CLV GP H	LOG	6580	8200	LOG	
PEBL SHL	LOG	8200	8400	LOG	
PPLSH GR	LOG	8210	8380	LOG	
PPLS UFM	LOG	8400	8400	LOG	
KINGAK	LOG	8400	8940	LOG	
SAC RV	LOG	8940	8965	LOG	
SHURLIK	LOG	8965	9025	LOG	
SADLRCT	LOG	9025	9920	LOG	
IVSK SS	LOG	9025	9600	LOG	
KAVIK SH	LOG	9600	9840	LOG	
ECHOOKA	LOG	9840	9920	LOG	
LISPURNE	LOG	9920	----		

FIRD

NORTH SLOPE ROCK UNIT REPORT

08/16/81

TWP: 11N RGE: 12E SEC: 21 SURF. KUPARUK STATE 1
 LAT: 070 17 21 LONG: 149 6 53 SURF. API NUMBER: 50-029-20008-00-00
 KB ELEV.: 60 ROCK UNIT AT T.D.: ENDICOTT TOTAL DEPTH: 11099

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	15	75	EST	
SG/CLV U	EST	75	6660	LOG	
SG/CLV S	EST	75	5065	LOG	
CLV GP H	LOG	5065	6660	LOG	
PEBL SHL	LOG	6660	6955	LOG	
PPLSH GR	LOG	6670	6830	LOG	
PPLS UFM	LOG	6955	6955	LOG	
KINGAK	LOG	6955	8640	LOG	
SHURLIK	LOG	8640	8735	LOG	
SADLRCT	LOG	8735	9620	LOG	
FIRE CRK	LOG	8735	8765	LOG	
IVSK SS	LOG	8765	9395	LOG	
KAVIK SH	LOG	9395	9575	LOG	
ECHOOKA	LOG	9575	9620	LOG	
LISPURNE	LOG	9620	10810	LOG	
UP LIME	LOG	9620	10140	LOG	
DOLOMITE	LOG	10140	10580	LOG	
LO LMST	LOG	10580	10810	LOG	
ENDICOTT	LOG	10810	----		
ITKILYRK	LOG	10810	----		

EIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 12N RGE: 9E SEC: 22 SURF. UGNU 1
 LAT: 070 22 54 LONG: 149 49 33 SURF. API NUMBER: 50-029-20009-00-00
 KB ELEV.: 75 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 9428

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GRK/SFD	SUR	16	40	EST	
SG/CLV U	EST	40	5315	LOG	
SG/CLV S	EST	40	3250	LOG	
CLV GP H	LOG	3250	5315	LOG	
TOROK	LOG	5315	5555	LOG	
PRBL SHL	LOG	5555	5920	LOG	
PRLSH GR	LOG	5555	5675	LOG	
PRLS UFM	LOG	5920	5920	LOG	
KUPARUK	LOG	5920	6245	LOG	
KINGAK	LOG	6245	8100	LOG	
SAG RV	LOG	8100	8170	LOG	
SHUBLIK	LOG	8170	8345	LOG	
SADLRCT	LOG	8345	9120	LOG	
FIRE CRK	LOG	8345	8370	LOG	
IVSK SS	LOG	8370	8900	LOG	
KAVIK SH	LOG	8900	9060	LOG	
ECHOOKA	LOG	9060	9120	LOG	
LISBURNE	LOG	9120	----		
UP LIME	LOG	9120	9200	LOG	
DOLOMITE	LOG	9200	----		

EIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 13E SEC: 33 SURF. PUT RIVER 33-11-13
 LAT: 070 16 3 LONG: 148 51 6 SURF. API NUMBER: 50-029-20010-00-00
 KB ELEV.: 61 ROCK UNIT AT T.D.: UP LIME TOTAL DEPTH: 10259

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	25	75	EST	
SG/CLV U	EST	75	7350	LOG	
SG/CLV S	EST	75	5830	LOG	
CLV GP H	LOG	5830	7350	LOG	
PRBL SHL	LOG	7350	7595	LOG	
PRLSH GR	LOG	7355	7590	LOG	
PRLS UFM	LOG	7595	7595	LOG	
KINGAK	LOG	7595	8860	LOG	
SAG RV	LOG	8860	8880	LOG	
SHUBLIK	LOG	8880	8960	LOG	
SADLRCT	LOG	8960	9830	LOG	
IVSK SS	LOG	8960	9560	LOG	
KAVIK SH	LOG	9560	9780	LOG	
ECHOOKA	LOG	9780	9830	LOG	
LISBURNE	LOG	9830	----		
UP LIME	LOG	9830	----		

EIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 11N RGE: 16E SEC: 31 SURF. SAG DELTA 31-11-16
 LAT: 070 16 6 LONG: 148 10 00 SURF. API NUMBER: 50-029-20011-00-00
 KB ELEV.: 27 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 9094

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GFK/SFD	SUR	15	75	EST	
SG/CLV U	EST	75	8670	LOG	
SG/CLV S	EST	75	7220	LOG	
CLV GP H	LOG	7220	8670	LOG	
PRBL SHL	LOG	8670	8890	LOG	
PFLSH GR	LOG	8675	8855	LOG	
PFLS UFM	LOG	8890	8890	LOG	
SADLRCT	LOG	8890	9050	LOG	
KAVIK SH	LOG	8890	9050	LOG	
LISBURNE	LOG	9050	----		

EIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 10N RGE: 15E SEC: 24 SURF. LAKE STATE 1
 LAT: 070 12 25 LONG: 148 12 51 SURF. API NUMBER: 50-029-20012-00-00
 KB ELEV.: 52 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 10003

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GFK/SFD	SUR	21	75	EST	
SG/CLV U	EST	75	8665	LOG	
SG/CLV S	EST	75	7040	LOG	
CLV GP H	LOG	7040	8665	LOG	
PRBL SHL	LOG	8665	8890	LOG	
PFLSH GR	LOG	8680	8865	LOG	
PFLS UFM	LOG	8890	8890	LOG	
SHUBLIK	LOG	8890	8910	LOG	
SADLRCT	LOG	8910	9680	LOG	
IVSK SS	LOG	8910	9420	LOG	
KAVIK SH	LOG	9420	9640	LOG	
ECHOOKA	LOG	9640	9680	LOG	
LISBURNE	LOG	9680	----		

EIPD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 12N RGE: 11E SEC: 28 SURF. NORTHWEST EILEEN 1
 LAT: 070 21 55 LONG: 149 21 31 SURF. API NUMBER: 50-029-20013-00-00
 KB ELEV.: 75 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 9997

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	34	75	EST	
SG/CLV U	EST	75	6060	LOG	
SG/CLV S	EST	75	4400	LOG	
CLV GP H	LOG	4400	6060	LOG	
PEBL SHL	LOG	6060	6450	LOG	
PELSH GR	LOG	6090	6260	LOG	
PPLS UFM	LOG	6450	6450	LOG	
KUPARUK	LOG	6450	6840	LOG	
KINGAK	LOG	6840	8705	LOG	
SAG RV	LOG	8705	8760	LOG	
SHURLIK	LOG	8760	8910	LOG	
SADLRCT	LOG	8910	9740	LOG	
FIRE CRK	LOG	8910	8940	LOG	
IVSK SS	LOG	8940	9515	LOG	
KAVIK SH	LOG	9515	9675	LOG	
ECHOOKA	LOG	9675	9740	LOG	
LISBURNE	LOG	9740	----		
UP LIME	LOG	9740	9950	LOG	
DOLOMITE	LOG	9950	----		

EIPD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 11N RGE: 11E SEC: 3 SURF. WEST KUPARUK 3-11-11
 LAT: 070 20 7 LONG: 149 18 24 SURF. API NUMBER: 50-029-20014-00-00
 KB ELEV.: 70 ROCK UNIT AT T.D.: BSM CPLX TOTAL DEPTH: 11532

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPK/SFD	SUR	15	75	EST	
SG/CLV U	EST	75	6210	LOG	
SG/CLV S	EST	75	4515	LOG	
CLV GP H	LOG	4515	6210	LOG	
PEBL SHL	LOG	6210	6560	LOG	
PELSH GR	LOG	6220	6420	LOG	
PELS UFM	LOG	6560	6560	LOG	
KUPARUK	LOG	6560	6950	LOG	
KINGAK	LOG	6950	8763	LOG	
SAG RV	LOG	8760	8805	LOG	
SHURLIK	LOG	8805	8930	LOG	
SADLRCT	LOG	8930	9740	LOG	
FIRE CRK	LOG	8930	8960	LOG	
IVSK SS	LOG	8960	9520	LOG	
KAVIK SH	LOG	9520	9670	LOG	
ECHOOKA	LOG	9670	9740	LOG	
LISBURNE	LOG	9740	10600	LOG	
UP LIME	LOG	9740	10005	LOG	
DOLOMITE	LOG	10005	10215	LOG	
LO LMST	LOG	10215	10600	LOG	
ENDICOTT	LOG	10600	11135	LOG	
ITKILYRK	LOG	10600	10925	LOG	
WEKIKTUK	LOG	10925	11135	LOG	
BSM CPLX	LOG	11135	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 10N RGE: 14E SEC: 24 SURF. PUT RIVER 24-10-14
 LAT: 070 12 7 LONG: 148 27 59 SURF. API NUMBER: 50-029-20015-00-00
 KB ELEV.: 68 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 10315

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GBK/SFD	SUR	18	75	EST	
SG/CLV U	EST	75	8180	LOG	
SG/CLV S	EST	75	6450	LOG	
CLV GP H	LOG	6450	8180	LOG	
PPBL SHL	LOG	8180	8380	LOG	
PBLSH GR	LOG	8180	8350	LOG	
PELS UFM	LOG	8380	8380	LOG	
KINGAK	LOG	8380	8910	LOG	
SAG RV	LOG	8910	8930	LOG	
SHUBLIK	LOG	8930	9000	LOG	
SADLRCT	LOG	9000	9885	LOG	
IVSK SS	LOG	9000	9570	LOG	
KAVIK SH	LOG	9570	9800	LOG	
ECHOOKA	LOG	9800	9870	LOG	
LISBURNE	LOG	9885	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 12N RGE: 14E SEC: 7 SURF. POINT STORKERSEN 1
 LAT: 070 24 10 LONG: 148 41 48 SURF. API NUMBER: 50-029-20016-00-00
 KB ELEV.: 26 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 11473

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GBK/SFD	SUR	15	75	EST	
SG/CLV U	EST	75	8380	LOG	
SG/CLV S	EST	75	6680	LOG	
CLV GP H	LOG	6680	8380	LOG	
PPBL SHL	LOG	8380	8800	LOG	
PBLSH GR	LOG	8380	8670	LOG	
PELS UFM	LOG	8800	8800	LOG	
KUPARUK	LOG	8800	9360	LOG	
KINGAK	LOG	9360	10430	LOG	
SAG RV	LOG	10430	10515	LOG	
SHUBLIK	LOG	10515	10580	LOG	
SADLRCT	LOG	10580	11065	LOG	
IVSK SS	LOG	10580	10950	LOG	
KAVIK SH	LOG	10950	11065	LOG	
LISBURNE	LOG	11065	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 10N RGE: 14E SEC: 7 SURF. PUT RIVER 1 7-10-14
 LAT: 070 14 11 LONG: 148 40 46 SURF. API NUMBER: 50-029-20017-00-00
 ME ELEV.: 70 ROCK UNIT AT T.D.:UP LIME TOTAL DEPTH: 9903

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	17	75	EST	
SG/CLV U	EST	75	7820	LOG	
SG/CLV S	EST	75	6130	LOG	
CLV GP H	LOG	6130	7820	LOG	
PFBL SHL	LOG	7820	8015	LOG	
PFLSH GR	LOG	7825	8000	LOG	
PFLS UFM	LOG	8015	8015	LOG	
KINGAK	LOG	8015	8900	LOG	
SAG RV	LOG	8900	8920	LOG	
SHURLIK	LOG	8920	9000	LOG	
SADLRCT	LOG	9000	9880	LOG	
IVSK SS	LOG	9000	9590	LOG	
KAVIK SH	LOG	9590	9815	LOG	
ECHOOKA	LOG	9815	9880	LOG	
LISPURNE	LOG	9880	----		
UP LIME	LOG	9880	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 9N RGE: 11E SEC: 3 SURF. HEMI 3-9-11
 LAT: 070 10 00 LONG: 149 18 15 SURF. API NUMBER: 50-029-20018-00-00
 ME ELEV.: 114 ROCK UNIT AT T.D.:CLV GP H TOTAL DEPTH: 6032

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	12	75	EST	
SG/CLV U	EST	75	----		
SG/CLV S	EST	75	4490	LOG	
CLV GP H	LOG	4490	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

08/01/81

TWP: 9N RGE: 16F SEC: 15 SURF. KADLER 15-9-16
 LAT: 070 7 58 LONG: 148 2 18 SURF. API NUMBER: 50-029-20019-00-00
 KB ELEV.: 77 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 15543

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	12	100	EST	
SG/CLV U	EST	100	9410	LOG	
SG/CLV S	EST	100	7600	LOG	
CLV GP H	LOG	7600	9410	LOG	
PPBL SHL	LOG	9410	9645	LOG	
PPLSH GR	LOG	9410	9605	LOG	
PPLS UFM	LOG	9645	9645	LOG	
SADLRCT	LOG	9645	10410	LOG	
IVSK SS	LOG	9645	10120	LOG	
KAVIK SH	LOG	10120	10330	LOG	
ECHOOKA	LOG	10330	10410	LOG	
LISBURN	LOG	10410	13020	LOG	
UP LIME	LOG	10410	12005	LOG	
DOLOMITE	LOG	12005	12540	LOG	
LO LMST	LOG	12540	13020	LOG	
ENDICOTT	LOG	13020	14730	LOG	
ITKILYRK	LOG	13020	13940	LOG	
KEKIKTUK	LOG	13940	14730	LOG	
ARGILLIT	LOG	14730	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 11N RGE: 13E SEC: 9 SURF. PUT RIVER (J-1) 9-11-13
 LAT: 070 19 38 LONG: 148 50 21 SURF. API NUMBER: 50-029-20020-00-00
 KB ELEV.: 56 ROCK UNIT AT T.D.: BSM CPLX TOTAL DEPTH: 11871

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	20	75	EST	
SG/CLV U	EST	75	6885	LOG	
SG/CLV S	EST	75	5730	LOG	
CLV GP H	LOG	5730	6885	LOG	
PPBL SHL	LOG	6885	7135	LOG	
PPLSH GR	LOG	6885	7110	LOG	
PPLS UFM	LOG	7135	7135	LOG	
KINGAK	LOG	7135	8410	LOG	
SAG RV	LOG	8410	8445	LOG	
SHURLIK	LOG	8445	8530	LOG	
SADLRCT	LOG	8530	9305	LOG	
IVSK SS	LOG	8530	9145	LOG	
KAVIK SH	LOG	9145	9305	LOG	
LISBURN	LOG	9305	10725	LOG	
UP LIME	LOG	9305	10200	LOG	
DOLOMITE	LOG	10200	10570	LOG	
LO LMST	LOG	10570	10725	LOG	
ENDICOTT	LOG	10725	11660	LOG	
ITKILYRK	LOG	10725	11430	LOG	
KEKIKTUK	LOG	11430	11660	LOG	
BSM CPLX	LOG	11660	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 8N RGE: 18E SEC: 4 SURF. KAD RIVER 1
 LAT: 070 4 40 LONG: 147 30 53 SURF. API NUMBER: 50-029-20021-00-00
 ME ELEV.: 115 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 13161

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	15	100	EST	
SG/CLV U	EST	100	10355	LOG	
SG/CLV S	EST	100	8385	LOG	
CLV GP H	LOG	8385	10355	LOG	
PEEL SHL	LOG	10355	10610	LOG	
PELSH GR	LOG	10355	10565	LOG	
PRLS UFM	LOG	10610	10610	LOG	
SADLRCT	LOG	10610	10950	LOG	
IVSK SS	LOG	10610	10685	LOG	
KAVIK SH	LOG	10685	10880	LOG	
ECHOOKA	LOG	10880	10950	LOG	
LISBURNE	LOG	10950	----		
UP LIME	LOG	10950	12620	LOG	
DOLOMITE	LOG	12620	13010	LOG	
LO LMST	LOG	13010	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 12N RGE: 13E SEC: 21 SURF. KUP RIVER 21-12-13
 LAT: 070 22 46 LONG: 148 51 3 SURF. API NUMBER: 50-029-20022-00-00
 ME ELEV.: 17 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 10512

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	16	75	EST	
SG/CLV U	EST	75	7460	LOG	
SG/CLV S	EST	75	5950	LOG	
CLV GP H	LOG	5950	7460	LOG	
PEEL SHL	LOG	7460	7630	LOG	
PELSH GR	LOG	7460	7630	LOG	
PELS UFM	LOG	7630	7630	LOG	
KUPAPUK	LOG	7630	7730	LOG	
KINGAK	LOG	7730	9075	LOG	
SAG RV	LOG	9075	9140	LOG	
SHUELIK	LOG	9140	9220	LOG	
SADLRCT	LOG	9220	9815	LOG	
FIFE CRK	LOG	9220	9240	LOG	
IVSK SS	LOG	9240	9670	LOG	
KAVIK SH	LOG	9670	9815	LOG	
LISBURNE	LOG	9815	----		
UP LIME	LOG	9815	10300	LOG	
DOLOMITE	LOG	10300	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 10N RGE: 13E SEC: 5 SURF. HURL 5-10-13
 LAT: 070 15 8 LONG: 148 53 48 SURF. API NUMBER: 50-029-20027-00-00
 KB ELEV.: 73 ROCK UNIT AT T.D.: ENDICOTT TOTAL DEPTH: 11420

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPK/SFD	SUR	17	75	EST	
SG/CLV U	EST	75	7285	EST	
SG/CLV S	EST	75	5650	LOG	
CLV GP H	LOG	5650	7285	EST	
PEEL SHL	EST	7285	7485	LOG	
PELSH GR	EST	7285	7480	EST	
PELS UFM	LOG	7485	7485	LOG	
KINGAK	LOG	7485	8850	LOG	
SAC RV	LOG	8850	8870	LOG	
SHUBLIK	LOG	8870	8960	LOG	
SADLRCT	LOG	8960	9855	LOG	
IVSK SS	LOG	8960	9580	LOG	
KAVIK SH	LOG	9580	9805	LOG	
ECHOOKA	LOG	9805	9855	LOG	
LISFURNE	LOG	9855	11190	LOG	
UP LINE	LOG	9855	10625	LOG	
DOLomite	LOG	10625	10855	LOG	
LO LMST	LOG	10855	11190	LOG	
ENDICOTT	LOG	11190	----		
ITKILYPK	LOG	11190	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 13N RGE: 10E SEC: 25 SURF. KAVEARAK POINT 32-25
 LAT: 070 27 19 LONG: 149 26 8 SURF. API NUMBER: 50-029-20028-00-00
 KB ELEV.: 37 ROCK UNIT AT T.D.: SADLRCT TOTAL DEPTH: 9799

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPK/SFD	SUR	17	75	EST	
SG/CLV U	EST	75	6330	LOG	
SG/CLV S	EST	75	4485	LOG	
CLV GP H	LOG	4485	6330	LOG	
PEEL SHL	LOG	6330	6685	LOG	
PELSH GR	LOG	6330	6460	LOG	
PELS UFM	LOG	6685	6685	LOG	
KUPARUK	LOG	6685	7165	LOG	
KINGAK	LOG	7165	8920	LOG	
SAC RV	LOG	8920	8990	LOG	
SHUBLIK	LOG	8990	9180	LOG	
SADLRCT	LOG	9180	----		
IVSK SS	LOG	9180	9785	LOG	
KAVIK SH	LOG	9785	----		

PIPD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 13N RGE: 9E SEC: 14 SURF. SIMPSON LAGOON 32-14
 LAT: 070 28 58 LONG: 149 43 58 SURF. API NUMBER: 50-029-20029-00-00
 LAT: 070 29 05 LONG: 149 46 31 BTM. TOTAL MEASURED DEPTH: 10483
 KB ELEV.: 37 ROCK UNIT AT T.D.: LISBURNE TRUE VERTICAL DEPTH: 10017

ROCK UNIT	TYPE	M/TOP	TV/TOP	TV/BTM	M/BTM	TYPE	02/16/81
GPK/SFD	SUR	20	20	75	75	EST	
SG/CLV U	EST	75	75	6255	6550	LOG	
SG/CLV S	EST	75	75	3815	3855	LOG	
CLV GP H	LOG	3855	3815	6255	6550	LOG	
PRBL SHL	LOG	6550	6255	6565	6890	LOG	
PRLSH GR	LOG	6550	6255	6340	6640	LOG	
PRLS UFM	LOG	6890	6565	6565	6890	LOG	
KUPARUK	LOG	6890	6565	6835	7180	LOG	
KINGAK	LOG	7180	6835	8555	9000	LOG	
SAG RV	LOG	9000	8555	8645	9095	LOG	
SHUPLIK	LOG	9095	8645	8840	9295	LOG	
SADLPCT	LOG	9295	8840	9710	10180	LOG	
IVSK SS	LOG	9295	8840	9580	10050	LOG	
KAVIK SH	LOG	10050	9580	9660	10130	LOG	
ECHOOKA	LOG	10130	9660	9710	10180	LOG	
LISBURNE	LOG	10180	9710	----	----		
UP LIME	LOG	10180	9710	9915	10400	LOG	
DOLOMITE	LOG	10400	9915	----	----		

PIPD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 10N RGE: 14E SEC: 31 SURF. SAG DELTA 31-10-16
 LAT: 070 10 56 LONG: 148 9 29 SURF. API NUMBER: 50-029-20030-00-00
 KB ELEV.: 64 ROCK UNIT AT T.D.: KEIKTUK TOTAL DEPTH: 13877

ROCK UNIT	TYPE	TOP	POTOM	TYPE	02/16/81
GPK/SFD	SUR	17	75	EST	
SG/CLV U	EST	75	8935	LOG	
SG/CLV S	EST	75	7240	LOG	
CLV GP H	LOG	7240	8935	LOG	
PRBL SHL	LOG	8935	9160	LOG	
PRLSH GR	LOG	8940	9140	LOG	
PRLS UFM	LOG	9160	9160	LOG	
SHUPLIK	LOG	9160	9180	LOG	
SADLPCT	LOG	9180	9970	LOG	
IVSK SS	LOG	9180	9730	LOG	
KAVIK SH	LOG	9730	9915	LOG	
ECHOOKA	LOG	9915	9970	LOG	
LISBURNE	LOG	9970	12310	LOG	
UP LIME	LOG	9970	11450	LOG	
DOLOMITE	LOG	11450	11970	LOG	
LO LMST	LOG	11970	12310	LOG	
FNDICOTT	LOG	12310	----		
ITKILYRK	LOG	12310	13115	LOG	
KEIKTUK	LOG	13115	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 8N RGE: 17E SEC: 1 SURF. LAKE 79 FEDERAL 1
 LAT: 070 4 43 LONG: 147 45 59 SURF. API NUMBER: 50-029-20031-00-00
 KB ELEV.: 108 ROCK UNIT AT T.D.:BSM CPLX TOTAL DEPTH: 15544

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPB/SFD	SUR	19	100	EST	
SG/CLV U	EST	100	10175	LOG	
SG/CLV S	EST	100	8200	LOG	
CLV GP H	LOG	8200	10175	LOG	
PPBL SHL	LOG	10175	10430	LOG	
PPLSH GR	LOG	10180	10385	LOG	
PPLS UFM	LOG	10430	10430	LOG	
IVSK SS	LOG	10430	10750	LOG	
KAVIK SH	LOG	10750	10935	LOG	
ECHOOKA	LOG	10935	11015	LOG	
LISBURN	LOG	11015	13595	LOG	
UP LIME	LOG	11015	12185	LOG	
DOLOMITE	LOG	12185	13115	LOG	
LO LMST	LOG	13115	13595	LOG	
ENDICOTT	LOG	13595	15340	LOG	
ITKILYRK	LOG	13595	14720	LOG	
KEKIKTUK	LOG	14720	15340	LOG	
BSM CPLX	LOG	15340	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 12N RGE: 12E SEC: 26 SURF. NORTH KUPARUK 26-12-12
 LAT: 070 21 52 LONG: 149 1 45 SURF. API NUMBER: 50-029-20032-00-00
 KB ELEV.: 47 ROCK UNIT AT T.D.:LISBURN TOTAL DEPTH: 10311

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPB/SFD	SUR	19	100	EST	
SG/CLV U	EST	100	6600	LOG	
SG/CLV S	EST	100	5365	LOG	
CLV GP H	LOG	5365	6600	LOG	
PPBL SHL	LOG	6600	6800	LOG	
PPLSH GR	LOG	6600	6770	LOG	
PPPLSH S	LOG	6790	6800	LOG	
PPLS UFM	LOG	6800	6800	LOG	
KUPARUK	LOG	6800	7050	LOG	
KINGAK	LOG	7050	8780	LOG	
SAG RV	LOG	8780	8835	LOG	
SHUELIK	LOG	8835	8885	LOG	
SADLRCT	LOG	8885	9610	LOG	
IVSK SS	LOG	8885	9440	LOG	
KAVIK SH	LOG	9440	9610	LOG	
LISBURN	LOG	9610	----		
UP LIME	LOG	9610	10120	LOG	
DOLOMITE	LOG	10120	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 10N RGE: 15E SEC: 19 SURF. PUT RIVER 19-10-15
 LAT: 070 12 42 LONG: 148 24 45 SURF. API NUMBER: 50-029-20035-00-00
 KB ELEV.: 55 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 9870

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPK/SFD	SUR	30	75	EST	
SG/CLV U	EST	75	8265	LOG	
SG/CLV S	EST	75	6620	LOG	
CLV GP H	LOG	6620	8265	LOG	
PRBL SHL	LOG	8265	8470	LOG	
PFLSH GR	LOG	8270	8460	LOG	
PFLS UFM	LOG	8470	8470	LOG	
KINGAK	LOG	8470	8840	LOG	
SAG RV	LOG	8840	8865	LOG	
SHUPLIK	LOG	8865	8940	LOG	
SADLRCT	LOG	8940	9780	LOG	
IYSK SS	LOG	8940	9515	LOG	
KAVIK SH	LOG	9515	9730	LOG	
ECHOOKA	LOG	9730	9780	LOG	
LISBURNE	LOG	9780	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 12E SEC: 35 SURF. SOUTHEAST EILEEN 1 35-11-12
 LAT: 070 15 53 LONG: 149 1 8 SURF. API NUMBER: 50-029-20040-00-00
 KB ELEV.: 79 ROCK UNIT AT T.D.: ENDICOTT TOTAL DEPTH: 11207

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPK/SFD	SUR	31	75	EST	
SG/CLV U	EST	75	7060	LOG	
SG/CLV S	EST	75	5415	LOG	
CLV GP H	LOG	5415	7060	LOG	
PRBL SHL	LOG	7060	7360	LOG	
PFLSH GR	LOG	7075	7345	LOG	
PFLS UFM	LOG	7360	7360	LOG	
KINGAK	LOG	7360	8930	LOG	
SAG RV	LOG	8930	8950	LOG	
SHUPLIK	LOG	8950	9050	LOG	
SADLRCT	LOG	9050	9925	LOG	
IYSK SS	LOG	9050	9700	LOG	
KAVIK SH	LOG	9700	9870	LOG	
ECHOOKA	LOG	9870	9925	LOG	
LISBURNE	LOG	9925	11110	LOG	
UP LIME	LOG	9925	10440	LOG	
DOLOMITE	LOG	10440	10855	LOG	
LO LMST	LOG	10855	11110	LOG	
ENDICOTT	LOG	11110	----		
ITKILYRK	LOG	11110	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 8N RGE: 12E SEC: 5 SURF. TOOLIK FEDERAL 2
 LAT: 070 4 18 LONG: 149 12 24 SURF. API NUMBER: 50-029-20041-00-00
 KB ELEV.: 122 ROCK UNIT AT T.D.:KINGAK TOTAL DEPTH: 8700

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GBK/SFD	SUR	15	50	EST	
SG/CLV U	EST	50	7560	LOG	
SG/CLV S	EST	50	5080	LOG	
CLV GP H	LOG	5080	7560	LOG	
PBBL SHL	LOG	7560	7860	LOG	
PPLSH GR	LOG	7570	7765	LOG	
BPBLSH S	LOG	7845	7860	LOG	
PBL S UFM	LOG	7860	7860	LOG	
KINGAK	LOG	7860	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 11N RGE: 12E SEC: 1 SURF. PUT RIVER (M-1) 01-11-12
 LAT: 070 20 4 LONG: 148 57 30 SURF. API NUMBER: 50-029-20042-00-00
 KB ELEV.: 41 ROCK UNIT AT T.D.:SADLRCT TOTAL DEPTH: 9397

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/16/81
GBK/SFD	SUR	15	75	EST	
SG/CLV U	EST	75	6440	LOG	
SG/CLV S	EST	75	5320	LOG	
CLV GP H	LOG	5320	6565	LOG	
PBBL SHL	LOG	6565	6830	LOG	
PPLSH GR	LOG	6565	6755	LOG	
PBL S UFM	LOG	6830	6830	LOG	
KINGAK	LOG	6830	8585	LOG	
SAG RV	LOG	8585	8630	LOG	
SHUPLIK	LOG	8630	8710	LOG	
SADLRCT	LOG	8710	----		
IVSK SS	LOG	8710	9330	LOG	
KAVIK SH	LOG	9330	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 10N RGE: 15E SEC: 8 SURF. PRUDHOE BAY DS 1-1 8-10-15
 LAT: 070 14 32 LONG: 148 23 43 SURF. API NUMBER: 50-029-20044-00-00
 LAT: 070 14 21 LONG: 148 22 30 BTM. TOTAL MEASURED DEPTH: 9858
 KB ELEV.: 75 ROCK UNIT AT T.D.:IVSK SS TRUE VERTICAL DEPTH: 9224

ROCK UNIT	TYPE	M/TOP	TV/TOP	TV/BTM	M/BTM	TYPE	2/16/81
GBK/SFD	SUR	39	39	75	75	EST	
SG/CLV U	EST	75	75	8225	8760	LOG	
SG/CLV S	EST	75	75	6675	7060	LOG	
CLV GP H	LOG	7060	6675	8225	8760	LOG	
PBBL SHL	LOG	8760	8225	8430	8985	EST	
PPLSH GR	LOG	8770	8235	8430	8985	EST	
PBL S UFM	EST	8985	8430	8430	8985	LOG	
KINGAK	LOG	8985	8430	8595	9160	LOG	
SAG RV	LOG	9160	8595	8630	9195	LOG	
SHUPLIK	LOG	9195	8630	8700	9225	LOG	
SADLRCT	LOG	9225	8700	----	----		
IVSK SS	LOG	9225	8700	----	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 12N RGE: 13W SEC: 33 SURF. PUT RIVER 33-12-13
 LAT: 070 21 22 LONG: 148 50 6 SURF. API NUMBER: 50-029-20047-00-00
 KB ELEV.: 48 ROCK UNIT AT T.D.: IVSK SS TOTAL DEPTH: 9300

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	15	75	EST	
SG/CLV U	EST	75	7160	LOG	
SG/CLV S	EST	75	5800	LOG	
CLV GP H	LOG	5800	7160	LOG	
PEBL SHL	LOG	7160	7355	LOG	
PPLSH GR	LOG	7165	7350	LOG	
PPLS UFM	LOG	7355	7355	LOG	
KINGAK	LOG	7355	8810	LOG	
SAG RV	LOG	8810	8865	LOG	
SHURLIK	LOG	8865	8945	LOG	
SADLRCT	LOG	8945	----		
IVSK SS	LOG	8945	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 12N RGE: 12E SEC: 20 SURF. BEECHY POINT 1
 LAT: 070 22 35 LONG: 149 8 11 SURF. API NUMBER: 50-029-20048-00-00
 KP ELEV.: 43 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 10610

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	17	50	EST	
SG/CLV U	EST	50	6530	LOG	
SG/CLV S	EST	50	5125	LOG	
CLV GP H	LOG	5125	6530	LOG	
PEBL SHL	LOG	6530	6685	LOG	
PPLSH GR	LOG	6530	6630	LOG	
PPLS UFM	LOG	6685	6685	LOG	
KUPAPUK	LOG	6685	7090	LOG	
KINGAK	LOG	7090	9070	LOG	
SAG RV	LOG	9070	9120	LOG	
SHURLIK	LOG	9120	9225	LOG	
SADLRCT	LOG	9225	9965	LOG	
IVSK SS	LOG	9225	9780	LOG	
KAVIK SH	LOG	9780	9965	LOG	
LISBURNE	LOG	9965	----		
UP LIME	LOG	9965	10275	LOG	
DOLOMITE	LOG	10275	10430	LOG	
LO LMST	LOG	10430	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 12N RGE: 14E SEC: 23 SURF. NORTH PRUDHOE BAY 1
 LAT: 070 22 36 LONG: 148 31 27 SURF. API NUMBER: 50-029-20049-00-00
 KB ELEV.: 44 ROCK UNIT AT T.D.: KAVIK SH TOTAL DEPTH: 9610

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	15	75	EST	
SG/CLV U	EST	75	8250	LOG	
SG/CLV S	EST	75	6740	LOG	
CLV GP H	LOG	6740	8250	LOG	
PRBL SHL	LOG	8250	8665	LOG	
PRLS UFM	LOG	8665	8665	LOG	
KINGAK	LOG	8665	9105	LOG	
SAG RV	LOG	9105	9180	LOG	
SHUBLIK	LOG	9180	9250	LOG	
SADLRCT	LOG	9250	----		
IVSK SS	LOG	9250	9570	LOG	
KAVIK SH	LOG	9570	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 8N RGE: 9E SEC: 4 SURF. TOOLIK FEDERAL 3
 LAT: 070 4 35 LONG: 149 54 2 SURF. API NUMBER: 50-029-20051-00-00
 KB ELEV.: 352 ROCK UNIT AT T.D.: CLV GP H TOTAL DEPTH: 6020

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	15	50	EST	
SG/CLV U	EST	50	----		
SG/CLV S	EST	50	3750	LOG	
CLV GP H	LOG	3750	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 12N RGE: 10E SEC: 17 SURF. EAST UGNU 1
 LAT: 070 23 57 LONG: 149 40 15 SURF. API NUMBER: 50-029-20052-00-00
 KB ELEV.: 50 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 9775

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	15	50	EST	
SG/CLV U	EST	50	6000	LOG	
SG/CLV S	EST	50	4010	LOG	
CLV GP H	LOG	4010	6000	LOG	
PRBL SHL	LOG	6000	6405	LOG	
PRLSH GR	LOG	6000	6150	LOG	
PRLS UFM	LOG	6405	6405	LOG	
KUPARUK	LOG	6405	6715	LOG	
KINGAK	LOG	6715	8495	LOG	
SAG RV	LOG	8495	8565	LOG	
SHUBLIK	LOG	8565	8760	LOG	
SADLRCT	LOG	8760	9625	LOG	
FIRE CRK	LOG	8760	8795	LOG	
IVSK SS	LOG	8795	9400	LOG	
KAVIK SH	LOG	9400	9555	LOG	
ECHOOKA	LOG	9555	9625	LOG	
LISBURNE	LOG	9625	----		
UP LIME	LOG	9625	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWF: 11N RGE: 13E SEC: 23 SURF. PUT RIVER (D-1) 23-11-13
 LAT: 070 17 40 LONG: 148 45 9 SURF. API NUMBER: 50-029-20054-00-00
 LAT: 070 17 30 LONG: 148 46 23 BTM. TOTAL MEASURED DEPTH: 10130
 ME ELEV.: 58 ROCK UNIT AT T.D.: KAVIK SH TRUE VERTICAL DEPTH: 9297

ROCK UNIT	TYPE	M/TOP	TV/TOP	TV/BTM	M/BTM	TYPE	02/16/81
GRK/SFD	SUR	20	20	75	75	EST	
SG/CLV U	EST	75	75	7200	7680	LOG	
SG/CLV S	EST	75	75	5890	6030	LOG	
CLV GP H	LOG	6030	5890	7200	7680	LOG	
PRBL SHL	LOG	7680	7200	7460	8010	LOG	
PELSH GR	LOG	7690	7210	7460	8010	LOG	
PELS UFM	LOG	8010	7460	7460	8010	LOG	
KINGAK	LOG	8010	7460	8485	9200	LOG	
SAG RV	LOG	9200	8485	8515	9235	LOG	
SHUPLIK	LOG	9235	8515	8595	9330	LOG	
SADLRCT	LOG	9330	8595	----	----		
IVSY SS	LOG	9330	8595	9210	10030	LOG	
KAVIK SH	LOG	10030	9210	----	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

08/25/81

TWF: 9N RGE: 19E SEC: 13 SURF. MIKKELSEN BAY 13-9-19
 LAT: 070 8 4 LONG: 147 11 49 SURF. API NUMBER: 50-029-20055-00-00
 ME ELEV.: 47 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 16596

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	18	100	EST	
SG/CLV U	EST	100	11465	LOG	
SG/CLV S	EST	100	8470	LOG	
CLV GP H	LOG	8470	11465	LOG	
PRBL SHL	LOG	11465	11740	LOG	
PELSH GR	LOG	11470	11670	LOG	
PRBLSH S	LOG	11685	11740	LOG	
PELS UFM	LOG	11740	11740	LOG	
LISBURNE	LOG	11740	13095	LOG	
UP LIME	LOG	11740	11930	LOG	
DOLOMITE	LOG	11930	12395	LOG	
LO LMST	LOG	12395	13095	LOG	
ENDICOTT	LOG	13095	16240	LOG	
KAYAK SH	LOG	13095	14600	LOG	
KCKIKTUK	LOG	14600	16240	LOG	
ARGILLIT	LOG	16240	----		

PIPD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 14E SEC: 31 SURF. PUT RIVER (B-1) 31-11-4
 LAT: 070 16 6 LONG: 148 40 24 SURF. API NUMBER: 50-029-20059-00-00
 LAT: 070 15 43 LONG: 148 41 27 PTM. TOTAL MEASURED DEPTH: 10125
 KB ELEV.: 60 ROCK UNIT AT T.D.: IVSK SS TRUE VERTICAL DEPTH: 9260

ROCK UNIT	TYPE	M/TOP	TV/TOP	TV/BTM	M/BTM	TYPE	02/16/81
GPK/SFD	SUR	45	45	75	75	EST	
SG/CLV U	EST	75	75	7555	8090	LOG	
SG/CLV S	EST	75	75	6080	6315	LOG	
CLV GP H	LOG	6315	6080	7555	8090	LOG	
PRBL SHL	LOG	8090	7555	7765	8340	LOG	
PPLSH GR	LOG	8100	7565	7745	8320	LOG	
PPLS UFM	LOG	8340	7765	7765	8340	LOG	
KINGAK	LOG	8340	7765	8695	9490	LOG	
SAG RV	LOG	9490	8695	8725	9525	LOG	
SHUPLIK	LOG	9525	8725	8780	9590	LOG	
SADLRCT	LOG	9590	8780	----	----		
IVSK SS	LOG	9590	8780	----	----		

PIPD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 11N RGE: 12E SEC: 33 SURF. KUPARUK STATE 33-11-12
 LAT: 070 15 57 LONG: 149 5 41 SURF. API NUMBER: 50-029-20061-00-00
 KB ELEV.: 76 ROCK UNIT AT T.D.: IVSK SS TOTAL DEPTH: 9206

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPK/SFD	SUR	22	75	EST	
SG/CLV U	EST	75	6910	LOG	
SG/CLV S	EST	75	5325	LOG	
CLV GP H	LOG	5325	6910	LOG	
PRBL SHL	LOG	6910	7110	LOG	
PPLSH GR	LOG	6920	7100	LOG	
PPLS UFM	LOG	7110	7110	LOG	
KINGAK	LOG	7110	8915	LOG	
SAG RV	LOG	8915	8940	LOG	
SHUPLIK	LOG	8940	9030	LOG	
SADLRCT	LOG	9030	----		
FIFE CRK	LOG	9030	9060	LOG	
IVSK SS	LOG	9060	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 12E SEC: 7 SURF. KUPARUK STATE 7-11-12
 LAT: 070 19 1 LONG: 149 12 1 SURF. API NUMREP: 50-029-20062-00-00
 LAT: 070 19 13 LONG: 149 11 31 BTM. TOTAL MEASURED DEPTH: 9320
 KB ELEV.: 67 ROCK UNIT AT T.D.: IVSK SS TRUE VERTICAL DEPTH: 9163

ROCK UNIT	TYPE	M/TOP	TV/TOP	TV/BTM	M/BTM	TYPE	02/16/81
GRK/SFD	SUR	24	24	75	75	EST	
SG/CLV U	EST	75	75	6455	6540	LOG	
SG/CLV S	EST	75	75	5050	5100	LOG	
CLV GP H	LOG	5100	5050	6455	6540	LOG	
PPBL SHL	LOG	6540	6455	6710	6800	LOG	
PPLSH GR	LOG	6540	6455	6665	6755	LOG	
PPLS UFM	LOG	6800	6710	6710	6800	LOG	
KUPARUK	LOG	6800	6710	6860	6950	LOG	
KINGAK	LOG	6950	6860	8665	8820	LOG	
SAG RV	LOG	8820	8665	8700	8855	LOG	
SHUELIK	LOG	8855	8700	8835	8995	LOG	
SADLRCT	LOG	8995	8835	----	----		
IVSK SS	LOG	8995	8835	----	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 14E SEC: 36 SURF. PRUDHOE BAY (DS 2-4) 36-11-14
 LAT: 070 14 7 LONG: 148 28 34 SURF. API NUMBER: 50-029-20064-00-00
 LAT: 070 15 41 LONG: 148 28 51 BTM. TOTAL MEASURED DEPTH: 9760
 KB ELEV.: 64 ROCK UNIT AT T.D.: KAVIK SH TRUE VERTICAL DEPTH: 9164

ROCK UNIT	TYPE	M/TOP	TV/TOP	TV/BTM	M/BTM	TYPE	02/16/81
GRK/SFD	SUR	40	40	75	75	EST	
SG/CLV U	EST	75	75	7975	8385	LOG	
SG/CLV S	EST	75	75	6440	6715	LOG	
CLV GP H	LOG	6715	6440	7975	8385	LOG	
PPBL SHL	LOG	8385	7975	8200	8625	LOG	
PPLSH GP	EST	8395	7985	8180	8605	EST	
PPLS UFM	LOG	8625	8200	8200	8625	LOG	
KINGAK	LOG	8625	8200	8430	8870	LOG	
SAG RV	LOG	8870	8430	8470	8915	LOG	
SHUELIK	LOG	8915	8470	8550	9000	LOG	
SADLRCT	LOG	9000	8550	----	----		
IVSK SS	LOG	9000	8550	9105	9630	LOG	
KAVIK SH	LOG	9630	9105	----	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 12N RGE: 13E SEC: 11 SURF. KUP DELTA 51-1
 LAT: 070 24 33 LONG: 148 44 53 SURF. API NUMBER: 50-029-20065-00-00
 KB ELEV.: 35 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 11200

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	25	75	EST	
SG/CLV U	EST	75	8285	LOG	
SG/CLV S	EST	75	6565	LOG	
CLV GP H	LOG	6565	8285	LOG	
PRBL SHL	LOG	8285	8620	LOG	
PPLSH GR	LOG	8300	8530	LOG	
PPLS UFM	LOG	8620	8620	LOG	
KUPARUK	LOG	8620	9135	LOG	
KINGAK	LOG	9135	10530	LOG	
SAG RV	LOG	10530	10605	LOG	
SHUBLIK	LOG	10605	10685	LOG	
SADLRCT	LOG	10685	11150	LOG	
IVSK SS	LOG	10685	11030	LOG	
KAVIK SH	LOG	11030	11150	LOG	
LISBURNE	LOG	11150	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 10N RGE: 13E SEC: 3 SURF. PLACID ET AL STATE 3-10-13
 LAT: 070 14 58 LONG: 148 49 8 SURF. API NUMBER: 50-029-20067-00-00
 KB ELEV.: 72 ROCK UNIT AT T.D.: ENDICOTT TOTAL DEPTH: 11400

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	17	75	EST	
SG/CLV U	EST	75	7545	LOG	
SG/CLV S	EST	75	5925	LOG	
CLV GP H	LOG	5925	7545	LOG	
PRBL SHL	LOG	7545	7770	LOG	
PPLSH GP	LOG	7555	7760	LOG	
PPLS UFM	LOG	7770	7770	LOG	
KINGAK	LOG	7770	8910	LOG	
SAG RV	LOG	8910	8935	LOG	
SHUBLIK	LOG	8935	9015	LOG	
SADLRCT	LOG	9015	9900	LOG	
IVSK SS	LOG	9015	9645	LOG	
KAVIK SH	LOG	9645	9845	LOG	
ECHOOKA	LOG	9845	9900	LOG	
LISBURNE	LOG	9900	11370	LOG	
UP LIME	LOG	9900	10640	LOG	
DOLOMITE	LOG	10640	11060	LOG	
LO LMST	LOG	11060	11370	LOG	
ENDICOTT	LOG	11370	----		
ITKILYRK	LOG	11370	----		

BIPD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 12E SEC: 23 SURF. KUPARUK STATE 24-11-12
 LAT: 070 17 25 LONG: 149 2 4 SURF. API NUMBER: 50-029-20068-00-00
 LAT: 070 17 31 LONG: 148 58 20 BTM. TOTAL MEASURED DEPTH: 13749
 KB ELEV.: 68 ROCK UNIT AT T.D.: FIRE CRK TRUE VERTICAL DEPTH: 9095

ROCK UNIT	TYPE	M/TOP	TV/TOP	TV/BTM	M/BTM	TYPE	02/16/81
GPK/SFD	SUR	25	25	75	75	EST	
SG/CLV U	EST	75	75	7040	10015	LOG	
SG/CLV S	EST	75	75	5940	7600	LOG	
CLV GP H	LOG	7600	5940	7040	10015	LOG	
PEBL SHL	LOG	10015	7040	7220	10400	LOG	
PRLSH GR	LOG	10025	7045	7215	10350	LOG	
PFLS UFM	LOG	10400	7220	7220	10400	LOG	
KINGAK	LOG	10400	7220	8915	13430	LOG	
SAG RV	LOG	13430	8915	8940	13470	LOG	
SHURLIK	LOG	13470	8940	9020	13620	LOG	
SADLRCT	LOG	13620	9020	----	-----		
IVSK SS	LOG	13620	9020	----	-----		

BIPD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 13N RGE: 10E SEC: 11 SURF. MILNE POINT 18-1
 LAT: 070 29 53 LONG: 149 28 51 SURF. API NUMBER: 50-029-20069-00-00
 KB ELEV.: 30 ROCK UNIT AT T.D.: BSM CPLX TOTAL DEPTH: 11074

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPK/SFD	SUR	15	75	EST	
SG/CLV U	EST	75	6730	LOG	
SG/CLV S	EST	75	4650	LOG	
CLV GP H	LOG	4650	6730	LOG	
PEBL SHL	LOG	6730	7000	LOG	
PRLSH GR	LOG	6730	6845	LOG	
PRLS UFM	LOG	7000	7000	LOG	
KUPARUK	LOG	7000	7435	LOG	
KINGAK	LOG	7435	9140	LOG	
SAG RV	LOG	9140	9220	LOG	
SHURLIK	LOG	9220	9380	LOG	
SADLRCT	LOG	9380	10035	LOG	
IVSK SS	LOG	9380	9860	LOG	
KAVIK SH	LOG	9860	10005	LOG	
ECHOOKA	LOG	10005	10035	LOG	
LISBURNE	LOG	10035	10465	LOG	
ENDICOTT	LOG	10465	10780	LOG	
BSM CPLX	LOG	10780	----		

FIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 15E SEC: 34 SURF. PRUDHOE BAY (DS 4-1) 35-11-15
 LAT: 070 16 4 LONG: 148 16 49 SURF. API NUMBER: 50-029-20078-00-00
 LAT: 070 15 38 LONG: 148 15 57 RTM. TOTAL MEASURED DEPTH: 9790
 KP ELEV.: 64 ROCK UNIT AT T.D.: KAVIK SH TRUE VERTICAL DEPTH: 9039

ROCK UNIT	TYPE	M/TOP	TV/TOP	TV/BTM	M/BTM	TYPE	08/25/81
GFK/SFD	SUR	40	40	75	75	EST	
SG/CLV U	EST	75	75	8380	9050	LOG	
SG/CLV S	EST	75	75	6915	7400	LOG	
CLV GP H	LOG	7400	6915	8380	9050	LOG	
PEBL SHL	LOG	9050	8380	8595	9295	LOG	
PPLS UFM	LOG	9295	8595	8595	9295	LOG	
SADLRCT	LOG	9295	8595	----	----		
IVSK SS	LOG	9295	8595	9000	9750	LOG	
KAVIK SH	LOG	9750	9000	----	----		

FIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 13E SEC: 8 SURF. PUT RIVER (N-1) 8-11-13
 LAT: 070 19 7 LONG: 148 54 35 SURF. API NUMBER: 50-029-20079-00-00
 KP ELEV.: 62 ROCK UNIT AT T.D.: KAVIK SH TOTAL DEPTH: 9340

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GFK/SFD	SUR	24	75	EST	
SG/CLV U	EST	75	6800	LOG	
SG/CLV S	EST	75	5480	LOG	
CLV GP H	LOG	5480	6800	LOG	
PEBL SHL	LOG	6800	7060	LOG	
PPLSH GR	LOG	6825	7055	LOG	
PPLS UFM	LOG	7060	7060	LOG	
KINGAK	LOG	7060	8610	LOG	
SAG RV	LOG	8610	8655	LOG	
SHURLIK	LOG	8655	8720	LOG	
SADLRCT	LOG	8720	----		
IVSK SS	LOG	8720	9255	LOG	
KAVIK SH	LOG	9255	----		

FIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 13E SEC: 2 SURF. PUT RIVER (F-1) 2-11-13
 LAT: 070 20 4 LONG: 148 46 4 SURF. API NUMBER: 50-029-20080-00-00
 KP ELEV.: 57 ROCK UNIT AT T.D.: KAVIK SH TOTAL DEPTH: 9236

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GFK/SFD	SUR	24	75	EST	
SG/CLV U	EST	75	7160	LOG	
SG/CLV S	EST	75	6050	LOG	
CLV GP H	LOG	6050	7160	LOG	
PEBL SHL	LOG	7160	7380	LOG	
PPLSH GR	LOG	7160	7380	LOG	
PPLS UFM	LOG	7380	7380	LOG	
KINGAK	LOG	7380	8485	LOG	
SAG RV	LOG	8485	8530	LOG	
SHURLIK	LOG	8530	8615	LOG	
SADLRCT	LOG	8615	----		
IVSK SS	LOG	8615	9200	LOG	
KAVIK SH	LOG	9200	----		

PIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 13N RGE: 11E SEC: 14 SURF. PLAGHM BEECHY POINT 1
 LAT: 070 28 45 LONG: 149 14 21 SURF. API NUMBER: 50-029-20082-00-00
 KB ELEV.: 32 ROCK UNIT AT T.D.:BSM CPLX TOTAL DEPTH: 11922

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPB/SFD	SUR	32	75	EST	
SG/CLV U	EST	75	7530	LOG	
SG/CLV S	EST	75	5515	LOG	
CLV GP H	LOG	5515	7530	LOG	
PEEL SHL	LOG	7530	7980	LOG	
PELSH GR	LOG	7530	7735	LOG	
PPLS UFM	LOG	7980	7980	LOG	
KUPARUK	LOG	7980	8520	LOG	
KINGAK	LOG	8520	10385	LOG	
SAG RV	LOG	10385	10465	LOG	
SHURLIK	LOG	10465	10590	LOG	
SADLRCT	LOG	10590	11205	LOG	
IVSK SS	LOG	10590	11080	LOG	
KAVIK SH	LOG	11080	11205	LOG	
LISBURNE	LOG	11205	11380	LOG	
ENDICOTT	LOG	11380	11545	LOG	
BSM CPLX	LOG	11545	----		

PIPD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 11N RGE: 10E SEC: 2 SURF. WEST SAK RIVER 1
 LAT: 070 20 23 LONG: 149 32 15 SURF. API NUMBER: 50-029-20090-00-00
 KB ELEV.: 86 ROCK UNIT AT T.D.:ENDICOTT TOTAL DEPTH: 10290

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPB/SFD	SUR	25	50	EST	
SG/CLV U	EST	50	6105	LOG	
SG/CLV S	EST	50	4240	LOG	
CLV GP H	LOG	4240	6105	LOG	
PEEL SHL	LOG	6105	6510	LOG	
PELSH GR	LOG	6105	6295	LOG	
PPLS UFM	LOG	6510	6510	LOG	
KUPARUK	LOG	6510	6880	LOG	
KINGAK	LOG	6880	8675	LOG	
SAG RV	LOG	8675	8720	LOG	
SHURLIK	LOG	8720	8885	LOG	
SADLRCT	LOG	8885	9690	LOG	
FIRE CRK	LOG	8885	8925	LOG	
IVSK SS	LOG	8925	9505	LOG	
KAVIK SH	LOG	9505	9655	LOG	
ECHOOKA	LOG	9655	9690	LOG	
LISBURNE	LOG	9690	10195	LOG	
UP LIME	LOG	9690	9770	LOG	
DOLOMITE	LOG	9770	9930	LOG	
LO LMST	LOG	9930	10195	LOG	
ENDICOTT	LOG	10195	----		
ITKILYRK	LOG	10195	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 13E SEC: 21 SURF. PUT RIVER (H-2) 21-11-13
 LAT: 070 17 51 LONG: 148 50 23 SURF. API NUMBER: 50-029-20100-00-00
 KB ELEV.: 64 ROCK UNIT AT T.D.: KAVIK SH TOTAL DEPTH: 9336

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	03/15/81
GRK/SFD	SUR	24	75	EST	
SG/CLV U	EST	75	7000	LOG	
SG/CLV S	EST	75	5730	LOG	
CLV GP H	LOG	5730	7000	LOG	
PRBL SHL	LOG	7000	7280	LOG	
PPLSH GR	LOG	7005	7280	LOG	
PPLS UFM	LOG	7280	7280	LOG	
KINGAK	LOG	7280	8555	LOG	
SAG RV	LOG	8555	8590	LOG	
SHUPLIK	LOG	8590	8670	LOG	
SADLRCT	LOG	8670	----		
IVSK SS	LOG	8670	9315	LOG	
KAVIK SH	LOG	9315	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

08/01/81

TWP: 11N RGE: 13E SEC: 35 SURF. PUT RIVER (A-1) 35-11-13
 LAT: 070 15 54 LONG: 148 45 2 SURF. API NUMBER: 50-029-20108-00-00
 LAT: 070 15 38 LONG: 148 15 57 BTM. TOTAL MEASURED DEPTH: 9270
 KB ELEV.: 66 ROCK UNIT AT T.D.: IVSK SS TRUE VERTICAL DEPTH: 9267

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	09/02/81
GRK/SFD	SUR	26	75	EST	
SG/CLV U	EST	75	7560	LOG	
SG/CLV S	EST	75	5985	LOG	
CLV GP H	LOG	5985	7560	LOG	
PRBL SHL	LOG	7560	7775	LOG	
PPLSH GR	LOG	7565	7760	LOG	
PPLS UFM	LOG	7775	7775	LOG	
KINGAK	LOG	7775	8715	LOG	
SAG RV	LOG	8715	8740	LOG	
SHUPLIK	LOG	8740	8820	LOG	
SADLRCT	LOG	8820	----		
IVSK SS	LOG	8820	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 9N RGE: 15F SEC: 3 SURF. WEST CHANNEL 1-3
 LAT: 070 9 42 LONG: 148 1R 59 SURF. API NUMBER: 50-029-20114-00-00
 KB ELEV.: 67 ROCK UNIT AT T.O.: SADLRCT TOTAL DEPTH: 9880

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPB/SFD	SUR	17	100	FST	
SG/CLV U	EST	100	8625	LOG	
SG/CLV S	EST	100	6835	LOG	
CLV GP H	LOG	6835	8625	LOG	
PERL SHL	LOG	8625	8855	LOG	
PERL GP	LOG	8625	8820	LOG	
PERL UFM	LOG	8855	8855	LOG	
KINGAK	LOG	8855	9165	LOG	
SAG RV	LOG	9165	9195	LOG	
SHURLIK	LOG	9195	9250	LOG	
SADLRCT	LOG	9250	----		
IVSK SS	LOG	9250	9860	LOG	
KAVIK SH	LOG	9860	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 12N RGE: 11E SEC: 28 SURF. NORTHWEST EILEEN 2
 LAT: 070 21 53 LONG: 149 21 33 SURF. API NUMBER: 50-029-20117-00-00
 KB ELEV.: 43 ROCK UNIT AT T.O.: SG/CLV U TOTAL DEPTH: 3033

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPB/SFD	SUR	30	75	EST	
SG/CLV U	EST	75	----		
SG/CLV S	EST	75	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 9N RGE: 14E SEC: 20 SURF. NORTH FRANKLIN BLUFS 1
 LAT: 070 2 10 LONG: 148 41 4 SURF. API NUMBER: 50-029-20122-00-00
 KB ELEV.: 155 ROCK UNIT AT T.O.: CLV GP S TOTAL DEPTH: 3500

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPB/SFD	SUR	25	75	EST	
SG/CLV U	EST	75	----		
SG/CLV S	EST	75	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 11N RGE: 15E SEC: 9 SURF. EAST BAY STAFF 1
 LAT: 070 18 3P LONG: 148 18 59 SURF. API NUMBER: 50-029-20133-00-00
 LAT: 070 19 18 LONG: 148 20 37 BTM. TOTAL MEASURED DEPTH: 12230
 KB ELEV.: 51 ROCK UNIT AT T.D.:ENDICOTT TRUE VERTICAL DEPTH: 10613

ROCK UNIT	TYPE	M/TOP	TV/TOP	TV/BTM	M/BTM	TYPE	03/15/81
GPK/SFD	SUR	33	33	75	75	EST	
SG/CLV U	EST	75	75	8100	9200	LOG	
SG/CLV S	EST	75	75	6820	7620	LOG	
CLV GP H	LOG	7620	6820	8100	9200	LOG	
PEBL SHL	LOG	9200	8100	8290	9435	LOG	
PELSH GR	LOG	9205	8105	8290	9435	LOG	
PELS UFM	LOG	9435	8290	8290	9435	LOG	
SADLRCT	LOG	9435	8290	8745	9985	LOG	
IVSK SS	LOG	9435	8290	8610	9820	LOG	
KAVIK SH	LOG	9820	8610	8745	9985	LOG	
LISBURN	LOG	9985	8745	10500	12100	LOG	
ENDICOTT	LOG	12100	10500	-----	-----		
ITKILYRK	LOG	12100	10500	-----	-----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 11N RGE: 17E SEC: 19 SURF. FOGGY ISL BAY ST UN 1
 LAT: 070 17 16 LONG: 147 54 15 SURF. API NUMBER: 50-029-20146-00-00
 KB ELEV.: 42 ROCK UNIT AT T.D.:ENDICOTT TOTAL DEPTH: 11202

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	03/15/81
GPK/SFD	SUR	26	75	EST	
SG/CLV U	EST	75	9440	LOG	
SG/CLV S	EST	75	7405	LOG	
CLV GP H	LOG	7405	9440	LOG	
PEBL SHL	LOG	9440	9710	LOG	
PELS UFM	LOG	9710	9710	LOG	
LISBURN	LOG	9710	10900	LOG	
UP LIME	LOG	9710	9960	LOG	
DOLOMITE	LOG	9960	10430	LOG	
LO LMST	LOG	10430	10900	LOG	
ENDICOTT	LOG	10900	-----		
ITKILYRK	LOG	10900	-----		

FIELD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 12N RGE: 13E SEC: 8 SURF. GWYDYR BAY SOUTH 1
 LAT: 070 24 E LONG: 148 53 53 SURF. API NUMBER: 50-029-20149-00-00
 KB ELEV.: 26 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 12237

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GRK/SFD	SUR	21	75	EST	
SG/CLV U	EST	75	7655	LOG	
SG/CLV S	EST	75	6050	LOG	
CLV GP H	LOG	6050	7655	LOG	
PERL SPL	LOG	7566	7965	LOG	
PELSH GR	LOG	7655	7870	LOG	
PELS UFM	LOG	7965	7965	LOG	
KUPARUK	LOG	7965	8330	LOG	
KINGAK	LOG	8330	9995	LOG	
SAR RV	LOG	9995	10030	LOG	
SHUBLIK	LOG	10030	10075	LOG	
SADLRCT	LOG	10075	10625	LOG	
IVSK SS	LOG	10075	10520	LOG	
KAVIK SH	LOG	10520	10625	LOG	
LISBURNE	LOG	10625	11560	LOG	
UP LIME	LOG	10625	10880	LOG	
DOLOMITE	LOG	10880	11260	LOG	
LO LMST	LOG	11260	11560	LOG	
ENDICOTT	LOG	11560	12200	LOG	
ITKILYRK	LOG	11560	11740	LOG	
KFKIKTUK	LOG	11740	12200	LOG	
BSN CPLY	LOG	12200	----		
ARGILLIT	LOG	12200	----		

FIELD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 12N RGE: 15E SEC: 21 SURF. GULL ISLAND STATE 1
 LAT: 070 21 57 LONG: 148 21 51 SURF. API NUMBER: 50-029-20151-00-00
 LAT: 070 22 24 LONG: 148 20 29 BTM. TOTAL MEASURED DEPTH: 14400
 KB ELEV.: 28 ROCK UNIT AT T.D.: LISBURNE TRUE VERTICAL DEPTH: 11691

ROCK UNIT	TYPE	M/TOP	TV/TOP	TV/BTM	M/BTM	TYPE	03/15/81
GRK/SFD	SUR	22	22	75	75	EST	
SG/CLV U	EST	75	75	8845	10605	LOG	
SG/CLV S	EST	75	75	7115	8230	LOG	
CLV GP H	LOG	8230	7115	8845	10605	LOG	
PERL SHL	LOG	10605	8845	9030	10850	LOG	
PELSH GR	LOG	10650	8875	9010	10825	LOG	
PELS UFM	LOG	10850	9030	9030	10850	LOG	
KUPARUK	LOG	10850	9030	9400	11340	LOG	
KINGAK	LOG	11340	9400	10125	12330	LOG	
SAR RV	LOG	12330	10125	10210	12450	LOG	
SHUBLIK	LOG	12450	10210	10275	12540	LOG	
SADLRCT	LOG	12540	10275	10725	13175	LOG	
IVSK SS	LOG	12540	10275	10610	13015	LOG	
KAVIK SH	LOG	13015	10610	10725	13175	LOG	
LISBURNE	LOG	13175	10725	-----	-----		

BIFD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 12N RGE: 15E SEC: 26 SURF. NIAKUK 1-A
 LAT: 070 21 46 LONG: 148 14 43 SURF. API NUMBER: 50-029-20156-01-01
 LAT: 070 22 09 LONG: 148 14 29 BTM. TOTAL MEASURED DEPTH: 11759
 KP ELEV.: 32 ROCK UNIT AT T.D.: LISBURNNE TRUE VERTICAL DEPTH: 11391

ROCK UNIT	TYPE	M/TOP	TV/TOP	TV/BTM	M/BTM	TYPE	03/15/81
GRK/SFD	SUR	25	25	75	75	EST	
SG/CLV U	EST	75	75	8950	9280	LOG	
SG/CLV S	EST	75	75	7060	7330	LOG	
CLV GP H	LOG	7330	7060	8950	9280	LOG	
PEBL SHL	LOG	9280	8950	9190	9520	LOG	
PPLSH GR	LOG	9280	8950	9190	9520	LOG	
PPLS UFM	LOG	9520	9190	9190	9520	LOG	
KUPARUK	LOG	9520	9190	9770	10100	LOG	
KINGAK	LOG	10100	9770	10420	10760	LOG	
SAG RV	LOG	10760	10420	10510	10850	LOG	
SHUPLIK	LOG	10850	10510	10580	10920	LOG	
SADLRCT	LOG	10920	10580	10900	11255	LOG	
IVSK SS	LOG	10920	10580	10860	11210	LOG	
KAVIK SH	LOG	11210	10860	10900	11255	LOG	
LISBURNNE	LOG	11255	10900	-----	-----		

BIFD

NORTH SLOPE ROCK UNIT REPORT

07/01/81

TWP: 11N RGE: 16E SEC: 4 SURF. SAG DELTA 33-12-16
 LAT: 070 20 24 LONG: 148 4 15 SURF. API NUMBER: 50-029-20176-00-00
 LAT: 070 21 02 LONG: 148 06 22 BTM. TOTAL MEASURED DEPTH: 10216
 KP ELEV.: 32 ROCK UNIT AT T.D.: ENDICOTT TRUE VERTICAL DEPTH: 9939

ROCK UNIT	TYPE	M/TOP	TV/TOP	TV/BTM	M/BTM	TYPE	03/15/81
GRK/SFD	SUR	25	25	75	75	EST	
SG/CLV U	EST	75	75	8775	9020	LOG	
SG/CLV S	EST	75	75	7175	7345	LOG	
CLV GP H	LOG	7345	7175	8775	9020	LOG	
PEBL SHL	LOG	9020	8775	9020	9275	LOG	
PPLSH GR	LOG	9020	8775	9020	9275	LOG	
PPLS UFM	LOG	9275	9020	9020	9275	LOG	
LISBURNNE	LOG	9275	9020	9855	10130	LOG	
UP LIME	LOG	9275	9020	9180	9440	LOG	
POLOMITE	LOG	9440	9180	9550	9820	LOG	
LO LMST	LOG	9820	9550	9855	10130	LOG	
ENDICOTT	LOG	10130	9855	-----	-----		
ITKILYRK	LOG	10130	9855	-----	-----		

EIPD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 11N RGE: 11E SEC: 24 SURF. HIGHLAND STATE 1
 LAT: 070 17 30 LONG: 149 13 5 SURF. API NUMBER: 50-029-20199-00-00
 KB ELEV.: 69 ROCK UNIT AT T.D.:SADLRCT TOTAL DEPTH: 9450

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	03/15/81
GRK/SFD	SUR	22	75	EST	
SG/CLV U	EST	75	6580	LOG	
SG/CLV S	EST	75	4880	LOG	
CLV GP H	LOG	4880	6580	LOG	
PEBL SHL	LOG	6580	6815	LOG	
PPLSH GR	LOG	6580	6805	LOG	
PPLS UFM	LOG	6815	6815	LOG	
KINGAK	LOG	6815	8565	LOG	
SAG RV	LOG	8565	8605	LOG	
SHUPLIK	LOG	8605	8720	LOG	
SADLRCT	LOG	8720	----		
FIRE CRK	LOG	8720	8740	LOG	
IVSK SS	LOG	8740	9365	LOG	
KAVIK SH	LOG	9365	----		

EIPD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 12N RGE: 14E SEC: 27 SURF. ABEL STATE 1
 LAT: 070 21 42 LONG: 148 33 45 SURF. API NUMBER: 50-029-20200-00-00
 KB ELEV.: 39 ROCK UNIT AT T.D.:SADLRCT TOTAL DEPTH: 9642

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	03/15/81
GRK/SFD	SUR	24	75	EST	
SG/CLV U	EST	75	8040	LOG	
SG/CLV S	EST	75	6710	LOG	
CLV GP H	LOG	6710	8040	LOG	
PEBL SHL	LOG	8040	8550	LOG	
PPLSH GR	LOG	8040	8205	LOG	
PPLS UFM	LOG	8550	8550	LOG	
KINGAK	LOG	8550	9195	LOG	
SAG RV	LOG	9195	9265	LOG	
SHUPLIK	LOG	9265	9310	LOG	
SADLRCT	LOG	9310	----		
IVSK SS	LOG	9310	9595	LOG	
KAVIK SH	LOG	9595	----		

EIPD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 5S RGE: 1E SEC: 32 SURF. GRANDSTAND 1
 LAT: 068 57 57 LONG: 151 55 1 SURF. API NUMBER: 50-057-10001-00-00
 KB ELEV.: 660 ROCK UNIT AT T.D.:TOROK TOTAL DEPTH: 3939

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	15	110	SPL	
NANUSHUK	SRL	110	1070	LOG	
TOROK	LOG	1070	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

08/25/81

TWP: 9N RGE: 23E SEC: 18 SURF. WEST STAINES 1 18-9-23
 LAT: 070 8 15 LONG: 146 23 17 SURF. API NUMBER: 50-089-20001-00-00
 KB ELEV.: 63 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 13329

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GBK/SFD	SUR	16	100	EST	
SG/CLV U	EST	100	12840	LOG	
SG/CLV S	EST	100	8680	LOG	
CLV GP H	LOG	8680	12840	LOG	
PPBL SHL	LOG	12840	13120	LOG	
PPLS UFM	LOG	13120	13120	LOG	
ARGILLIT	LOG	13120	---		

BIRD

NORTH SLOPE ROCK UNIT REPORT

08/25/81

TWP: 9N RGE: 21E SEC: 7 SURF. EAST MIKKELSEN BAY 1
 LAT: 070 9 6 LONG: 146 54 11 SURF. API NUMBER: 50-089-20002-00-00
 KB ELEV.: 38 ROCK UNIT AT T.D.: BSM CPLX TOTAL DEPTH: 15205

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GBK/SFD	SUR	28	100	EST	
SG/CLV U	EST	100	12070	LOG	
SG/CLV S	EST	100	8640	LOG	
CLV GP H	LOG	8640	12070	LOG	
PERL SHL	LOG	12070	12340	LOG	
PRLSH GR	LOG	12075	12250	LOG	
BPRLSH S	LOG	12270	12340	LOG	
PPLS UFM	LOG	12340	12340	LOG	
FNDICOTT	LOG	12340	13550	LOG	
KAYAK SH	LOG	12350	13130	LOG	
KEKIKTUK	LOG	13130	13550	LOG	
BSM CPLX	LOG	13550	---		

BIRD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 10N RGE: 24E SEC: 27 SURF. ALASKA STATE A1
 LAT: 070 11 21 LONG: 146 00 42 SURF. API NUMBER: 50-089-20003-00-00
 KB ELEV.: 41 ROCK UNIT AT T.D.: BSM CPLX TOTAL DEPTH: 14206

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	03/15/81
GBK/SFD	SUR	31	100	EST	
SG/CLV U	EST	100	12920	LOG	
SG/CLV S	EST	100	7710	LOG	
CLV GP H	LOG	7710	12920	LOG	
BSM CPLX	LOG	12920	---		

BIRD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 09N RGE: 22E SEC: 25 SURF. WEST STAINES STATE 2
 LAT: 070 6 40 LONG: 146 24 56 SURF. API NUMBER: 50-089-20004-00-00
 KE ELEV.: 95 ROCK UNIT AT T.D.:BSM CPLX TOTAL DEPTH: 13171

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	03/15/81
GRK/SFD	SUR	20	100	EST	
SG/CLV U	EST	100	12910	LOG	
SG/CLV S	EST	100	8590	LOG	
CLV GP H	LOG	8590	12910	LOG	
PEBL SPL	LOG	12910	13155	LOG	
PALSH GR	LOG	12910	13075	LOG	
PALS UFM	LOG	13155	13155	LOG	
BSM CPLX	LOG	13155	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 1E SEC: 15 SURF. FISH CREEK 1
 LAT: 070 18 33 LONG: 151 52 14 SURF. API NUMBER: 50-103-10001-00-00
 KE ELEV.: 32 ROCK UNIT AT T.D.:TOROK TOTAL DEPTH: 7020

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	15	65	SPL	
COLVILLE	SPL	65	2890	LOG	
CLV GP S	SPL	65	1900	LOG	
CLV GP H	LOG	1900	2890	LOG	
NANUSHUK	LOG	2890	4110	LOG	
TOPOK	LOG	4110	----		

PIPD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 12N RGE: 7E SEC: 25 SURF. COLVILLE 1
 LAT: 070 21 3P LONG: 150 15 55 SURF. API NUMBER: 50-103-10002-00-00
 KB ELEV.: 50 ROCK UNIT AT T.D.:BSM CPLX TOTAL DEPTH: 9930

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GRK/SFD	SUR	17	60	EST	
SG/CLV U	EST	60	4095	LOG	
SG/CLV S	EST	60	2380	LOG	
CLV CP H	LOG	2380	4095	LOG	
TOROK	LOG	4095	5565	LOG	
PEEL SHL	LOG	5565	5910	LOG	
PPLSH GR	LOG	5565	5715	LOG	
BPPLSH S	LOG	5910	5910	LOG	
PPLS UFM	LOG	5910	5910	LOG	
KINGAK	LOG	5910	7690	LOG	
SAG RV	LOG	7690	7755	LOG	
SHUBLIK	LOG	7755	7995	LOG	
SADLRCT	LOG	7995	8930	LOG	
FIRE CRK	LOG	7995	8080	LOG	
IVSK SS	LOG	8080	8655	LOG	
KAVIK SH	LOG	8655	8835	LOG	
ECHOOKA	LOG	8835	8930	LOG	
LISFURNE	LOG	8930	9380	LOG	
UP LIFE	LOG	8930	9030	LOG	
DOLOMITE	LOG	9030	9220	LOG	
LO LMST	LOG	9220	9380	LOG	
ENDICOTT	LOG	9380	9720	LOG	
ITKILYRK	LOG	9380	9650	LOG	
MEKIKTUK	LOG	9650	9720	LOG	
BSM CPLX	LOG	9720	----		

PIPD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 7E SEC: 19 SURF. KOOKPUK 1
 LAT: 070 17 33 LONG: 150 28 30 SURF. API NUMBER: 50-103-10003-00-00
 KB ELEV.: 41 ROCK UNIT AT T.D.:BSM CPLX TOTAL DEPTH: 10193

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GRK/SFD	SUR	18	100	EST	
SG/CLV U	EST	100	3985	LOG	
SG/CLV S	EST	100	1930	LOG	
CLV GP H	EST	1930	3985	LOG	
TOROK	LOG	3985	5855	LOG	
PEEL SHL	LOG	5855	6165	LOG	
PPLSH GR	LOG	5870	6015	LOG	
PPLS UFM	LOG	6165	6165	LOG	
KINGAK	LOG	6165	7975	LOG	
SAG RV	LOG	7975	8020	LOG	
SHUBLIK	LOG	8020	8275	LOG	
SADLRCT	LOG	8275	9290	LOG	
FIRE CRK	LOG	8275	8350	LOG	
IVSK SS	LOG	8350	8955	LOG	
KAVIK SH	LOG	8955	9185	LOG	
ECHOOKA	LOG	9185	9290	LOG	
LISFURNE	LOG	9290	9660	LOG	
UP LIFE	LOG	9290	9330	LOG	
DOLOMITE	LOG	9330	9550	LOG	
LO LMST	LOG	9550	9660	LOG	
ENDICOTT	LOG	9660	9940	LOG	
ITKILYRK	LOG	9660	9940	LOG	
BSM CPLX	LOG	9940	----		

P1FD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 12N RGE: 2E SEC: 10 SURF. KALUBIK CREEK 1
 LAT: 67D 24 17 LONG: 150 4 13 SURF. API NUMBER: 50-103-20001-00-00
 ME ELEV.: 60 ROCK UNIT AT T.D.:BSM CPLX TOTAL DEPTH: 10107

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GRK/SFD	SUR	19	100	EST	
SG/CLV U	EST	100	4310	LOG	
SG/CLV S	EST	100	2315	LOG	
CLV GP H	LOG	2315	4310	LOG	
TOROK	LOG	4310	5520	LOG	
PEBL SHL	LOG	5520	5800	LOG	
PPLSH GR	LOG	5520	5670	LOG	
PPLS UFM	LOG	5800	5800	LOG	
KUPAPUK	LOG	5800	5900	LOG	
KINGAK	LOG	5900	7695	LOG	
SAG RV	LOG	7695	7780	LOG	
SHUPLIK	LOG	7780	8010	LOG	
SADLRCT	LOG	8010	8935	LOG	
FIRE CRK	LOG	8010	8100	LOG	
IVSK SS	LOG	8100	8690	LOG	
KAVIK SH	LOG	8690	8850	LOG	
ECHOOKA	LOG	8850	8935	LOG	
LISBURN	LOG	8935	9380	LOG	
UP LIM	LOG	8935	9045	LOG	
DOLOMITE	LOG	9045	9230	LOG	
LO LMST	LOG	9230	9380	LOG	
ENDICOTT	LOG	9380	9845	LOG	
ITKILYRK	LOG	9380	9680	LOG	
KOKIKTUK	LOG	9680	9845	LOG	
BSM CPLX	LOG	9845	----		

P1FD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 13N RGE: 6E SEC: 9 SURF. COLVILLE DELTA 1
 LAT: 07D 29 40 LONG: 150 35 12 SURF. API NUMBER: 50-103-20002-00-00
 ME ELEV.: 22 ROCK UNIT AT T.D.:LISBURN TOTAL DEPTH: 9299

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GRK/SFD	SUR	19	40	EST	
SG/CLV U	EST	40	4010	LOG	
SG/CLV S	EST	40	2260	LOG	
CLV GP H	LOG	2260	4010	LOG	
NANUSHUK	LOG	4010	4160	LOG	
TOROK	LOG	4160	5990	LOG	
PEBL SHL	LOG	5990	6290	LOG	
PPLSH GR	LOG	5990	6160	LOG	
PPLS UFM	LOG	6290	6290	LOG	
KINGAK	LOG	6290	7575	LOG	
SAG RV	LOG	7575	7700	LOG	
SHUPLIK	LOG	7700	7940	LOG	
SADLRCT	LOG	7940	8805	LOG	
FIRE CRK	LOG	7940	7980	LOG	
IVSK SS	LOG	7980	8615	LOG	
KAVIK SH	LOG	8615	8745	LOG	
ECHOOKA	LOG	8745	8805	LOG	
LISBURN	LOG	8805	----		

PIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 8N RGE: 5E SFC: 10 SURF. ITKILLIK RIVER UNIT 1
 LAT: 070 3 56 LONG: 150 51 11 SURF. API NUMBER: 50-103-20003-00-00
 KB ELEV.: 63 ROCK UNIT AT T.O.:BSM CPLX TOTAL DEPTH: 15321

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	25	140	SPL	
SG/CLV U	SPL	140	4310	LOG	
SG/CLV S	SPL	140	2000	SPL	
CLV GP H	SPL	2000	4310	LOG	
NANUSHUK	LOG	4310	4940	LOG	
TOROK	LOG	4940	7570	LOG	
PRBL SHL	LOG	7570	7900	LOG	
PRLSH GR	LOG	7575	7760	LOG	
PRLSH S	LOG	7890	7900	LOG	
PRLS UFM	LOG	7900	7900	LOG	
KINGAK	LOG	7900	10040	LOG	
SAG RV	LOG	10040	10085	LOG	
SHUELIK	LOG	10085	10270	LOG	
SADLRCT	LOG	10270	11515	LOG	
FIPE CRK	LOG	10270	10365	LOG	
IVSK SS	LOG	10365	11070	LOG	
KAVIK SH	LOG	11070	11360	LOG	
ECHOOKA	LOG	11360	11515	LOG	
LISBURN	LOG	11515	14010	LOG	
ENDICOTT	LOG	14010	14950	LOG	
BSM CPLX	LOG	14950	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 14N RGE: 2W SFC: 5 SURF. CAPE HALKETT 1
 LAT: 070 46 2 LONG: 152 27 59 SURF. API NUMBER: 50-103-20004-00-00
 KB ELEV.: 40 ROCK UNIT AT T.O.:BSM CPLX TOTAL DEPTH: 9900

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GRK/SFD	SUR	23	100	EST	
SG/CLV U	EST	100	3115	LOG	
SG/CLV S	EST	100	2220	LOG	
CLV GP H	LOG	2220	3115	LOG	
NANUSHUK	LOG	3115	4235	LOG	
TOROK	LOG	4235	7280	LOG	
PRBL SPL	LOG	7280	7555	LOG	
PRLSH GP	LOG	7280	7450	LOG	
PRLSH S	LOG	7520	7555	LOG	
PRLS UFM	LOG	7555	7555	LOG	
KINGAK	LOG	7555	7730	LOG	
SAG RV	LOG	7730	7855	LOG	
SHUELIK	LOG	7855	8130	LOG	
SADLRCT	LOG	8130	8770	LOG	
FIPE CRK	LOG	8130	8160	LOG	
IVSK SS	LOG	8160	8705	LOG	
KAVIK SH	LOG	8705	8770	LOG	
LISBURN	LOG	8770	9305	LOG	
BSM CPLX	LOG	9305	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 14N RGE: 4W SEC: 16 SURF. EAST TESHEKPUK 1
 LAT: 070 34 11 LONG: 152 56 36 SURF. API NUMBER: 50-103-20006-00-00
 KB ELEV.: 28 ROCK UNIT AT T.D.:BSM CPLX TOTAL DEPTH: 10664

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GPB/SFD	SUR	22	100	EST	
SG/CLV S	EST	100	1000	EST	
COLVILLE	EST	100	1585	LOG	
CLV GP H	EST	1000	1585	LOG	
NANUSHUK	LOG	1585	3100	LOG	
TOPOK	LOG	3100	6850	LOG	
PERL SPL	LOG	6850	7125	LOG	
PELSH GR	LOG	6850	7025	LOG	
RPBLSH S	LOG	7110	7125	LOG	
PPLS UFM	LOG	7125	7125	LOG	
KINGAK	LOG	7125	8505	LOG	
SAG RV	LOG	8505	8640	LOG	
SHUPLIK	LOG	8640	8855	LOG	
SADLRCT	LOG	8855	9650	LOG	
FIRE CRK	LOG	8855	9000	LOG	
IVSK SS	LOG	9000	9445	LOG	
KAVIK SH	LOG	9445	9615	LOG	
ECHOOKA	LOG	9615	9650	LOG	
LISBURNE	LOG	9650	10625	LOG	
BSM CPLX	LOG	10625	----		

PIPD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 12N RGE: 2E SEC: 6 SURF. SOUTH HARRISON BAY 1
 LAT: 070 25 29 LONG: 151 43 52 SURF. API NUMBER: 50-103-20007-00-00
 KB ELEV.: 45 ROCK UNIT AT T.D.:LISBURNE TOTAL DEPTH: 11290

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GPB/SFD	SUR	20	100	EST	
SG/CLV U	EST	100	3220	LOG	
SG/CLV S	EST	100	2060	LOG	
CLV GP H	LOG	2060	3220	LOG	
NANUSHUK	LOG	3220	4220	LOG	
TOPOK	LOG	4220	7290	LOG	
PPLS UFM	LOG	7290	7290	LOG	
KINGAK	LOG	7290	8845	LOG	
SAG RV	LOG	8845	8955	LOG	
SHUPLIK	LOG	8955	9240	LOG	
SADLRCT	LOG	9240	10235	LOG	
FIRE CRK	LOG	9240	9360	LOG	
IVSK SS	LOG	9360	9935	LOG	
KAVIK SH	LOG	9935	10140	LOG	
ECHOOKA	LOG	10140	10235	LOG	
LISBURNE	LOG	10235	----		
UP LIME	LOG	10235	----		

FIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 14N RGE: 2E SEC: 19 SURF. ATIGARU POINT 1
 LAT: 070 33 22 LONG: 151 43 1 SURF. API NUMBER: 50-103-20008-00-00
 KB ELEV.: 27 ROCK UNIT AT T.D.: APGILLIT TOTAL DEPTH: 11535

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GRK/SFD	SUR	20	100	EST	
SG/CLV U	EST	100	3470	LOG	
SG/CLV S	EST	100	2420	LOG	
CLV GP H	LOG	2420	3470	LOG	
NANUSHUK	LOG	3470	4400	LOG	
TOROK	LOG	4400	7280	LOG	
PRBL SHL	LOG	7280	7320	LOG	
PRBLSP S	LOG	7315	7320	LOG	
PFLS UFM	LOG	7320	7320	LOG	
KINGAK	LOG	7320	8190	LOG	
SAG RV	LOG	8190	8345	LOG	
SHURLIK	LOG	8345	8600	LOG	
SADLRCT	LOG	8600	9510	LOG	
FIRE CRK	LOG	8600	8705	LOG	
IVSK SS	LOG	8705	9245	LOG	
KAVIK SH	LOG	9245	9410	LOG	
ECHOOKA	LOG	9410	9510	LOG	
LISBURNE	LOG	9510	10820	LOG	
UP LIME	LOG	9510	10620	LOG	
DOLOMITE	LOG	10620	10820	LOG	
ENDICOTT	LOG	10820	11210	LOG	
KEMIKTUK	LOG	10820	11210	LOG	
APGILLIT	LOG	11210	----		

FIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 1W SEC: 11 SURF. WEST FISH CREEK 1
 LAT: 070 19 35 LONG: 152 3 38 SURF. API NUMBER: 50-103-20009-00-00
 KB ELEV.: 113 ROCK UNIT AT T.D.: KAYAK SH TOTAL DEPTH: 11427

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GRK/SFD	SUR	21	100	EST	
COLVILLE	EST	100	2550	EST	
CLV GP S	EST	100	1500	LOG	
CLV GP H	LOG	1500	2550	EST	
NANUSHUK	EST	2550	3915	LOG	
TOROK	LOG	3915	7280	LOG	
PRBL SHL	LOG	7280	7320	LOG	
PRLS UFM	LOG	7320	7320	LOG	
KINGAK	LOG	7320	9175	LOG	
SAG RV	LOG	9175	9285	LOG	
SHURLIK	LOG	9285	9515	LOG	
SADLRCT	LOG	9515	10500	LOG	
FIRE CRK	LOG	9515	9620	LOG	
IVSK SS	LOG	9620	10175	LOG	
KAVIK SH	LOG	10175	10445	LOG	
ECHOOKA	LOG	10445	10500	LOG	
LISBURNE	LOG	10500	11315	LOG	
UP LIME	LOG	10500	11230	LOG	
DOLOMITE	LOG	11230	11315	LOG	
ENDICOTT	LOG	11315	----		
KAYAK SH	LOG	11315	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 17N RGE: 2W SEC: 13 SURF. W T FORAN 1
 LAT: 070 49 56 LONG: 152 18 11 SURF. API NUMBER: 50-103-20010-00-00
 KR ELEV.: 39 ROCK UNIT AT T.D.:BSM CPLX TOTAL DEPTH: 8864

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GPK/SFD	SUR	26	100	EST	
SG/CLV U	EST	100	3480	LOG	
SG/CLV S	EST	100	2600	LOG	
CLV GP H	LOG	2600	3480	LOG	
NANUSHUK	LOG	3480	4380	LOG	
TOROK	LOG	4380	7340	LOG	
PEEL SHL	LOG	7340	7545	LOG	
PPLSH GR	LOG	7340	7450	LOG	
BPBLSH S	LOG	7510	7545	LOG	
PPLS UFM	LOG	7545	7545	LOG	
SHURLIK	LOG	7545	7640	LOG	
SADLPCT	LOG	7640	8195	LOG	
FIPE CRK	LOG	7640	7735	LOG	
IVSK SS	LOG	7740	8135	LOG	
KAVIK SH	LOG	8135	8195	LOG	
LISEURNE	LOG	8195	8565	LOG	
BSM CPLX	LOG	8565	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 13N RGE: 2W SEC: 3 SURF. NORTH KALIKPIK 1
 LAT: 070 30 33 LONG: 152 22 4 SURF. API NUMBER: 50-103-20011-00-00
 KR ELEV.: 40 ROCK UNIT AT T.D.:KINGAK TOTAL DEPTH: 7395

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPK/SFD	SUR	21	100	EST	
COLVILLE	EST	100	2395	LOG	
CLV GP S	EST	100	1700	LOG	
CLV GP H	LOG	1700	2395	LOG	
NANUSHUK	LOG	2395	3470	LOG	
TOROK	LOG	3470	6895	LOG	
PEEL SHL	LOG	6895	7150	LOG	
PPLSH GR	LOG	6895	7025	LOG	
PPLS UFM	LOG	7150	7150	LOG	
KINGAK	LOG	7150	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 11N RGE: 4W SEC: 36 SURF. NORTH INIGOK 1
 LAT: 070 15 24 LONG: 152 45 57 SURF. API NUMBER: 50-103-20017-00-00
 KB ELEV.: 166 ROCK UNIT AT T.D.: SHUBLIK TOTAL DEPTH: 10170

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GPK/SFD	SUR	30	100	EST	
COLVILLE	EST	100	1920	LOG	
CLV GP S	EST	100	885	LOG	
CLV GP H	LOG	885	1920	LOG	
NANUSHUK	LOG	1920	3265	LOG	
TOROK	LOG	3265	7385	LOG	
PPBL SHL	LOG	7385	7650	LOG	
PELSH GR	LOG	7385	7505	LOG	
PELS UFM	LOG	7650	7650	LOG	
KINGAK	LOG	7650	10050	LOG	
SZG RV	LOG	10050	10090	LOG	
SHUBLIK	LOG	10090	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 5N RGE: 15W SEC: 5 SURF. IKPIKPUK (CORE TST) 1
 LAT: 069 49 36 LONG: 155 41 57 SURF. API NUMBER: 50-119-10001-00-00
 KB ELEV.: 180 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 178

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
GPK/SFD	SUR	10	39	EST	
NANUSHUK	EST	39	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 5N RGE: 15W SEC: 32 SURF. OUMALIK (CORE TST) 1
 LAT: 069 49 45 LONG: 155 41 30 SURF. API NUMBER: 50-119-10002-00-00
 KB ELEV.: 255 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 392

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GPK/SFD	SUR	10	30	EST	
NANUSHUK	EST	30	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 6N RGE: 16W SEC: 30 SURF. OUMALIK (CORE TST) 11
 LAT: 069 50 17 LONG: 155 59 23 SURF. API NUMBER: 50-119-10003-00-00
 KB ELEV.: 182 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 303

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
NANUSHUK	SUR	14	----		

BIRD NORTH SLOPE ROCK UNIT REPORT 02/01/81
 TWP: 6N RGE: 16W SEC: 30 SURF. OUMALIK (CORE TST) 12
 LAT: 069 50 17 LONG: 155 59 23 SURF. API NUMBER: 50-119-10004-00-00
 KB ELEV.: 182 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 300

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
NANUSHUK	SUR	17	----		

BIRD NORTH SLOPE ROCK UNIT REPORT 02/01/81
 TWP: 6N RGE: 16W SEC: 30 SURF. OUMALIK 1
 LAT: 069 50 17 LONG: 155 59 23 SURF. API NUMBER: 50-119-10005-00-00
 KB ELEV.: 194 ROCK UNIT AT T.D.: KINGAK TOTAL DEPTH: 11872

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GPK/SFD	SUR	18	30	EST	
NANUSHUK	EST	30	2770	LOG	
TOROK	LOG	2770	10880	LOG	
PRBL SHL	LOG	10880	11160	LOG	
PRLS UFM	LOG	11160	11160	LOG	
KINGAK	LOG	11160	----		

BIRD NORTH SLOPE ROCK UNIT REPORT 02/01/81
 TWP: 6N RGE: 15W SEC: 13 SURF. EAST OUMALIK 1
 LAT: 069 47 29 LONG: 155 32 39 SURF. API NUMBER: 50-119-10006-00-00
 KB ELEV.: 293 ROCK UNIT AT T.D.: TOROK TOTAL DEPTH: 6035

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/20/81
GPK/SFD	SUR	16	50	SPL	
NANUSHUK	SPL	50	2950	LOG	
TOROK	LOG	2950	----		

BIRD NORTH SLOPE ROCK UNIT REPORT 02/01/81
 TWP: 2N RGE: 6W SEC: 2 SURF. SQUARE LAKE 1
 LAT: 069 34 00 LONG: 153 18 00 SURF. API NUMBER: 50-119-10007-00-00
 KB ELEV.: 340 ROCK UNIT AT T.D.: TOROK TOTAL DEPTH: 3987

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GPK/SFD	SUR	16	35	SPL	
COLVILLE	SPL	35	1630	LOG	
CLV GP S	SPL	35	700	SPL	
CLV GP H	LOG	700	1630	LOG	
NANUSHUK	LOG	1630	3940	LOG	
TOROK	LOG	3940	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1S RGE: 7W SEC: 2 SURF. WOLF CREEK 1
 LAT: 069 23 11 LONG: 153 31 14 SURF. API NUMBER: 50-119-10008-00-00
 KB ELEV.: 714 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 1500

ROCK UNIT	TYPE	TOP	POTOM	TYPE	02/01/81
GRK/SFD	SUP	2	10	SPL	
NANUSHUK	SPL	10	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1N RGE: 7W SEC: 36 SURF. WOLF CREEK 2
 LAT: 069 24 16 LONG: 153 31 14 SURF. API NUMBER: 50-119-10009-00-00
 KB ELEV.: 443 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 1618

ROCK UNIT	TYPE	TOP	POTOM	TYPE	06/01/81
GRK/SFD	SUR	6	45	SPL	
COLVILLE	SPL	45	130	LOG	
CLV GR H	SPL	45	130	LOG	
NANUSHUK	LOG	130	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1S RGE: 7W SEC: 2 SURF. WOLF CREEK 3
 LAT: 069 23 11 LONG: 153 31 24 SURF. API NUMBER: 50-119-10010-00-00
 KB ELEV.: 750 ROCK UNIT AT T.D.: TOROK TOTAL DEPTH: 3760

ROCK UNIT	TYPE	TOP	POTOM	TYPE	02/01/81
GRK/SFD	SUP	18	30	EST	
NANUSHUK	EST	30	3575	LOG	
TOROK	LOG	3575	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1N RGE: 11W SEC: 23 SURF. TITALUK 1
 LAT: 069 25 20 LONG: 154 34 4 SURF. API NUMBER: 50-119-10011-00-00
 KB ELEV.: 840 ROCK UNIT AT T.D.: TOROK TOTAL DEPTH: 4020

ROCK UNIT	TYPE	TOP	POTOM	TYPE	02/01/81
GRK/SFD	SUR	18	40	EST	
NANUSHUK	EST	40	3500	LOG	
TOPOK	LOG	3500	----		

BIRD NORTH SLOPE ROCK UNIT REPORT 02/16/81
 TWP: 3S RGE: 12W SEC: 36 SURF. KNIFEBLADE 1
 LAT: 069 9 3 LONG: 154 43 20 SURF. API NUMBER: 50-119-10012-00-00
 KB ELEV.: 999 ROCK UNIT AT T.D.:NANUSHUK TOTAL DEPTH: 1805

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
NANUSHUK	SUR	6	----		

BIRD NORTH SLOPE ROCK UNIT REPORT 02/01/81
 TWP: 4S RGE: 12W SEC: 2 SURF. KNIFEBLADE 2
 LAT: 069 7 52 LONG: 154 42 19 SURF. API NUMBER: 50-119-10013-00-00
 KB ELEV.: 876 ROCK UNIT AT T.D.:NANUSHUK TOTAL DEPTH: 373

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
NANUSHUK	SUR	5	----		

BIRD NORTH SLOPE ROCK UNIT REPORT 02/01/81
 TWP: 4S RGE: 12W SEC: 2 SURF. KNIFEBLADE 2A
 LAT: 069 7 52 LONG: 154 42 19 SURF. API NUMBER: 50-119-10014-00-00
 KB ELEV.: 874 ROCK UNIT AT T.D.:NANUSHUK TOTAL DEPTH: 1805

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
GPB/SFD	SUR	5	15	LOG	
NANUSHUK	LOG	15	----		

BIRD NORTH SLOPE ROCK UNIT REPORT 06/01/81
 TWP: 5N RGE: 11W SEC: 27 SURF. KOLUKTAK 1
 LAT: 069 45 8 LONG: 154 36 39 SURF. API NUMBER: 50-119-20001-00-00
 KB ELEV.: 205 ROCK UNIT AT T.D.:TOROK TOTAL DEPTH: 5882

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GPB/SFD	SUR	27	75	EST	
NANUSHUK	EST	75	4210	LOG	
TOROK	LOG	4210	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

09/15/81

TWP: 6S RGE: 14W SEC: 33 SURF. WEST KURUPA UNIT 1
 LAT: 06P 52 59 LONG: 155 15 10 SURF. API NUMBER: 50-137-20001-00-00
 KB ELEV.: 1369 ROCK UNIT AT T.D.: LTK/FTM TOTAL DEPTH: 11060

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/15/81
GRK/SFD	SUR	18	50	EST	
NANUSHUK	EST	50	1960	LOG	
TOROK	LOG	1960	7000	LOG	
LTK/FTM	LOG	7000	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

09/15/81

TWP: 7S RGE: 6W SEC: 9 SURF. EAST KURUPA UNIT 1
 LAT: 06P 50 24 LONG: 153 1P 13 SURF. API NUMBER: 50-137-20002-00-00
 KB ELEV.: 1607 ROCK UNIT AT T.D.: LTK/FTM TOTAL DEPTH: 12695

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	03/15/81
GRK/SFD	SUR	27	50	EST	
NANUSHUK	EST	50	2200	LOG	
TOROK	LOG	2200	7040	LOG	
LTK/FTM	LOG	7040	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

08/01/81

TWP: 7S RGE: 25W SEC: 30 SURF. AWUNA 1
 LAT: 06P 9 11 LONG: 158 1 20 SURF. API NUMBER: 50-155-20001-00-00
 KB ELEV.: 1129 ROCK UNIT AT T.D.: LTK/FTM TOTAL DEPTH: 11200

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	26	50	EST	
TOROK	EST	50	2980	LOG	
LTK/FTM	LOG	2980	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 18N RGE: 22W SEC: 23 SURF. SKULL CLIFF (CR TST) 1
 LAT: 07D 54 00 LONG: 157 36 00 SURF. API NUMBER: 50-163-10001-00-00
 KB ELEV.: 50 ROCK UNIT AT T.D.: TOROK TOTAL DEPTH: 779

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	9	50	SPL	
NANUSHUK	SPL	50	450	SPL	
TOROK	SPL	450	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

09/10/81

TWP: 8N RGE: 22W SEC: 19 SURF. MEADE 1
 LAT: 070 2 30 LONG: 157 29 22 SURF. API NUMBER: 50-163-10002-00-00
 KB ELEV.: 211 ROCK UNIT AT T.D.:TOROK TOTAL DEPTH: 5305

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GBK/SFD	SUR	14	25	SPL	
NANUSHUK	SPL	25	3450	LOG	
TOROK	LOG	3450	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 15N RGE: 19W SEC: 31 SURF. SOUTH MEADE 1
 LAT: 070 36 53 LONG: 156 53 23 SURF. API NUMBER: 50-163-20001-00-00
 KB ELEV.: 60 ROCK UNIT AT T.D.:BSM CPLX TOTAL DEPTH: 9945

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GBK/SFD	SUR	20	80	EST	
NANUSHUK	EST	80	2490	LOG	
TOROK	LOG	2490	6475	LOG	
PRBL SHL	LOG	6475	6735	LOG	
PRLSH GR	LOG	6475	6615	LOG	
BPRLSH S	LOG	6720	6735	LOG	
PPLS UFM	LOG	6735	6735	LOG	
KINGAK	LOG	6735	8770	LOG	
BARROW S	LOG	6735	7860	LOG	
SMPSN SS	LOG	7860	8000	LOG	
SAG RV	LOG	8770	8860	LOG	
SHUELIK	LOG	8860	9185	LOG	
S4DLRCT	LOG	9185	9430	LOG	
FIRE CRK	LOG	9185	9335	LOG	
IVSK SS	LOG	9335	9430	LOG	
BSM CPLX	LOG	9430	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

08/01/81

TWP: 14N RGE: 26W SEC: 8 SURF. KUGRUA 1
 LAT: 070 35 13 LONG: 158 39 43 SURF. API NUMBER: 50-163-20002-00-00
 KB ELEV.: 85 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 12588

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GRK/SFD	SUR	25	80	FST	
NANUSHUK	EST	80	2330	LOG	
TOPOK	LOG	2330	6890	LOG	
PEEL SHL	LOG	6890	7200	LOG	
POLSH GR	LOG	6890	6980	LOG	
POLS UFM	LOG	7200	7200	LOG	
KINGAK	LOG	7200	9515	LOG	
SYPSN SS	LOG	8715	8875	LOG	
SAG RV	LOG	9515	9650	LOG	
SHUPLIK	LOG	9650	10010	LOG	
SADLPCT	LOG	10010	11180	LOG	
FIRE CRK	LOG	10010	10345	LOG	
IVSK SS	LOG	10345	10820	LOG	
KAVIK SH	LOG	10820	11005	LOG	
ECHOOKA	LOG	11005	11180	LOG	
LISBURNE	LOG	11180	----		
UP LINE	LOG	11180	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 18N RGE: 16W SEC: 10 SURF. KUYANAK 1
 LAT: 070 55 53 LONG: 156 3 52 SURF. API NUMBER: 50-163-20003-00-00
 KB ELEV.: 28 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 6690

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	17	75	EST	
NANUSHUK	EST	75	1250	LOG	
TOPOK	LOG	1250	4640	LOG	
PEEL SHL	LOG	4640	5160	LOG	
POLSH GR	LOG	4640	4710	LOG	
BPOLSH S	LOG	5080	5160	LOG	
POLS UFM	LOG	5160	5160	LOG	
KINGAK	LOG	5160	6245	LOG	
RIRROW S	LOG	6115	6220	LOG	
SAG RV	LOG	6245	6335	LOG	
SHUPLIK	LOG	6335	6560	LOG	
ARGILLIT	LOG	6560	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 3N RGE: 23E SEC: 7 SURF. KAVIK UNIT 1
 LAT: 69 37 54 LONG: 146 34 9 SURF. API NUMBER: 50-179-20001-00-00
 KB ELEV.: 1368 ROCK UNIT AT T.D.: KEEKIKTUK TOTAL DEPTH: 9564

ROCK UNIT	TYPE	TOP	POTOM	TYPE	07/01/81
GEK/SFD	SUR	16	235	SPL	
COLVILLE	SPL	235	3020	LOG	
CLV GP H	SPL	235	3020	LOG	
PPBL SHL	LOG	3020	3490	LOG	
PPLSH GP	LOG	3040	3240	LOG	
BPPLSH S	LOG	3460	3490	LOG	
PPLS UFM	LOG	3490	3490	LOG	
KINGAK	LOG	3490	4230	LOG	
SAG RV	LOG	4230	4300	LOG	
SHUBLIK	LOG	4300	4435	LOG	
SADLRCT	LOG	4435	5555	LOG	
PIPE CRK	LOG	4435	4640	LOG	
IVSK SS	LOG	4640	5130	LOG	
KAVIK SH	LOG	5130	5425	LOG	
ECHOOKA	LOG	5425	5555	LOG	
LISBURN	LOG	5555	6805	LOG	
ENDICOTT	LOG	6805	---		
KAYAK SH	LOG	6805	9315	LOG	
KEKIKTUK	LOG	9315	---		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 4N RGE: 23E SEC: 8 SURF. BELI UNIT 1
 LAT: 69 42 56 LONG: 146 32 13 SURF. API NUMBER: 50-179-20002-00-00
 KB ELEV.: 1052 ROCK UNIT AT T.D.: LISBURN TOTAL DEPTH: 14632

ROCK UNIT	TYPE	TOP	POTOM	TYPE	02/16/81
GEK/SFD	SUR	28	690	LOG	
SG/CLV U	LOG	690	10605	LOG	
SG/CLV S	LOG	690	6355	LOG	
CLV GP H	LOG	6355	10605	LOG	
PPBL SHL	LOG	10605	10850	LOG	
PPLSH GP	LOG	10605	10755	LOG	
BPPLSH S	LOG	10810	10850	LOG	
PPLS UFM	LOG	10850	10850	LOG	
KINGAK	LOG	10850	11145	LOG	
SAG RV	LOG	11145	11210	LOG	
SHUBLIK	LOG	11210	11370	LOG	
SADLRCT	LOG	11370	12415	LOG	
PIPE CRK	LOG	11370	11795	LOG	
IVSK SS	LOG	11795	12135	LOG	
KAVIK SH	LOG	12135	12295	LOG	
ECHOOKA	LOG	12295	12415	LOG	
LISBURN	LOG	12415	---		
UP LIME	LOG	12415	---		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 3N RGE: 22E SEC: 11 SURF. KAVIK UNIT 2
 LAT: 069 37 56 LONG: 146 39 20 SURF. API NUMBER: 50-179-20003-00-00
 KP ELEV.: 1070 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 7500

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/23/81
GRK/SFD	SUR	18	150	SPL	
COLVILLE	SPL	150	4230	LOG	
CLV GP H	SPL	150	4230	LOG	
PPBL SHL	LOG	4230	4710	LOG	
PPBLSH GR	LOG	4235	4430	LOG	
PPBLSH S	LOG	4675	4710	LOG	
PPLS UFM	LOG	4710	4710	LOG	
KINGAK	LOG	4710	5665	LOG	
SAG RV	LOG	5665	5745	LOG	
SHUBLIK	LOG	5745	5895	LOG	
SADLRCT	LOG	5895	7015	LOG	
FIRE CRK	LOG	5895	6110	LOG	
IVSK SS	LOG	6110	6555	LOG	
KAVIK SH	LOG	6555	6880	LOG	
ECHOOKA	LOG	6880	7015	LOG	
LISBURNE	LOG	7015	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 3N RGE: 23E SEC: 8 SURF. KAVIK UNIT 3
 LAT: 069 37 55 LONG: 146 31 55 SURF. API NUMBER: 50-179-20004-00-00
 KP ELEV.: 1501 ROCK UNIT AT T.D.: SADLRCT TOTAL DEPTH: 5850

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	03/15/81
GRK/SFD	SUR	26	250	SPL	
COLVILLE	SPL	250	3600	LOG	
CLV GP H	SPL	250	3600	LOG	
PPBL SHL	LOG	3600	4165	LOG	
PPBLSH GR	LOG	3605	3825	LOG	
PPBLSH S	LOG	4140	4165	LOG	
PPLS UFM	LOG	4165	4165	LOG	
KINGAK	LOG	4165	4915	LOG	
SAG RV	LOG	4915	4930	LOG	
SHUBLIK	LOG	4930	5110	LOG	
SADLRCT	LOG	5110	----		
FIRE CRK	LOG	5110	5310	LOG	
IVSK SS	LOG	5310	5760	LOG	
KAVIK SH	LOG	5760	----		

FIELD

NORTH SLOPE ROCK UNIT REPORT

08/15/81

TWP: 3N RGE: 24E SEC: 19 SURF. CANNING RIVER UNIT A-1
 LAT: 069 36 21 LONG: 146 20 8 SURF. API NUMBER: 50-179-20005-00-00
 KB ELEV.: 925 ROCK UNIT AT T.D.:KTKK DOL TOTAL DEPTH: 8874

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/15/81
GPX/SFD	SUR	30	150	SPL	
CCLVILLE	SPL	150	2500	LOG	
CLV GP H	SPL	150	2500	LOG	
PEBL SHL	LOG	2500	3110	LOG	
PPLSH GR	LOG	2500	2820	LOG	
BPBLSH S	LOG	3065	3110	LOG	
PPLS UFM	LOG	3110	3110	LOG	
T7FAULT	LOG	3110	3110	LOG	
PEBL SHL	LOG	3110	3315	LOG	
BPBLSH S	LOG	3270	3315	LOG	
PPLS UFM	LOG	3315	3315	LOG	
KINGAK	LOG	3315	4275	LOG	
SAG RV	LOG	4275	4335	LOG	
SHUBLIK	LOG	4335	4485	LOG	
SADLRCT	LOG	4485	5675	LOG	
FIRE CRK	LOG	4485	4710	LOG	
IVSK SS	LOG	4710	5160	LOG	
KAVIK SH	LOG	5160	5500	LOG	
ECHOOKA	LOG	5500	5675	LOG	
LISBUPNE	LOG	5675	7980	LOG	
ENDICOTT	LOG	7980	8220	LOG	
KTKK DOL	LOG	8220	----		

FIELD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 04N RGE: 34E SEC: 32 SURF. CANNING RIVER UNIT B-1
 LAT: 069 39 50 LONG: 146 16 32 SURF. API NUMBER: 50-179-20006-00-00
 KB ELEV.: 696 ROCK UNIT AT T.D.:LISBUPNE TOTAL DEPTH: 10803

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	03/15/81
GPX/SFD	SUR	27	100	EST	
SG/CLV U	EST	100	7780	LOG	
SG/CLV S	EST	100	4360	LOG	
CLV GP H	LOG	4360	7780	LOG	
PEBL SHL	LOG	7780	8070	LOG	
PPLSH GR	LOG	7780	7865	LOG	
BPBLSH S	LOG	8025	8070	LOG	
PPLS UFM	LOG	8070	8070	LOG	
KINGAK	LOG	8070	8385	LOG	
SAG RV	LOG	8385	8445	LOG	
SHUBLIK	LOG	8445	8610	LOG	
SADLRCT	LOG	8610	9700	LOG	
FIRE CRK	LOG	8610	8770	LOG	
IVSK SS	LOG	8770	9285	LOG	
KAVIK SH	LOG	9285	9570	LOG	
ECHOOKA	LOG	9570	9700	LOG	
LISBUPNE	LOG	9700	----		

FIFD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 2N RGE: 13E SEC: 22 SURF. SUSIE UNIT 1
 LAT: 069 31 E LONG: 148 53 47 SURF. API NUMBER: 50-223-10001-00-00
 KB ELEV.: 466 ROCK UNIT AT T.D.:KINGAK TOTAL DEPTH: 13517

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/16/81
GPB/SFD	SUR	16	500	LOG	
SG/CLV U	LOG	500	12140	LOG	
CLV GP S	LOG	500	7590	LOG	
CLV GP H	LOG	7590	12140	LOG	
PPBL SPL	LOG	12140	12180	LOG	
PFLSH GR	LOG	12140	12180	LOG	
T/FAULT	LOG	12180	12180	LOG	
CLV GP H	LOG	12180	12655	LOG	
PPBL SPL	LOG	12655	13085	LOG	
PFLSH GR	LOG	12655	12885	LOG	
PFLSH S	LOG	12980	13085	LOG	
PFLS UFM	LOG	13085	13085	LOG	
KINGAK	LOG	13085	----		

FIFD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 2N RGE: 19E SEC: 8 SURF. SHAVIOVIK UNIT 1
 LAT: 069 32 27 LONG: 147 30 41 SURF. API NUMBER: 50-223-20001-00-00
 KB ELEV.: 797 ROCK UNIT AT T.D.:COLVILLE TOTAL DEPTH: 7995

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	03/15/81
COLVILLE	SUR	11	----		
CLV GP H	SUR	11	----		

FIFD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 5N RGE: 20E SEC: 20 SURF. WEST KAVIK 1
 LAT: 069 46 13 LONG: 147 11 8 SURF. API NUMBER: 50-223-20002-00-00
 KB ELEV.: 415 ROCK UNIT AT T.D.:LISBURN TOTAL DEPTH: 16613

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	15	100	EST	
SG/CLV U	EST	100	12160	LOG	
SG/CLV S	EST	100	7400	LOG	
CLV GP H	LOG	7400	12160	LOG	
PPBL SPL	LOG	12160	12585	LOG	
PFLSH GR	LOG	12160	12360	LOG	
PBL S UFM	LOG	12585	12585	LOG	
KINGAK	LOG	12585	13190	LOG	
SAG RV	LOG	13190	13210	LOG	
SHURLIK	LOG	13210	13345	LOG	
SADLRCT	LOG	13345	14525	LOG	
FIRE CRK	LOG	13345	13445	LOG	
IVSK SS	LOG	13445	13985	LOG	
KAVIK SH	LOG	13985	14310	LOG	
ECHOOKA	LOG	14310	14525	LOG	
LISBURN	LOG	14525	----		
UP LIME	LOG	14525	15765	LOG	
DOLOMITE	LOG	15765	----		

PIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 2N RGE: 14E SEC: 5 SURF. NORA FEDERAL 1
 LAT: 069 33 A LONG: 148 45 7 SURF. API NUMBER: 50-223-20003-00-00
 KB ELEV.: 514 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 17658

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	23	500	EST	
SG/CLV U	EST	500	12150	LOG	
SG/CLV S	EST	500	6600	LOG	
CLV GP H	LOG	6600	12150	LOG	
PPBL SHL	LOG	12150	12570	LOG	
PPLSH GR	LOG	12155	12370	LOG	
BPPLSH S	LOG	12470	12570	LOG	
PPLS UFM	LOG	12570	12570	LOG	
KINGAK	LOG	12570	15140	LOG	
SAG RV	LOG	15140	15180	LOG	
SHUBLIK	LOG	15180	15335	LOG	
SADLRCT	LOG	15335	16955	LOG	
FIRE CRK	LOG	15335	15595	LOG	
IVSK SS	LOG	15595	15975	LOG	
KAVIK SH	LOG	15975	16460	LOG	
ECHOOKA	LOG	16460	16955	LOG	
LISBURNE	LOG	16955	----		
UP LIME	LOG	16955	----		

PIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 4N RGE: 13E SEC: 31 SURF. BUSH FEDERAL 1
 LAT: 069 39 28 LONG: 149 1 58 SURF. API NUMBER: 50-223-20004-00-00
 KB ELEV.: 396 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 16090

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	21	120	SPL	
SG/CLV U	SPL	120	10860	LOG	
SG/CLV S	SPL	120	5870	LOG	
CLV GP H	LOG	5870	10860	LOG	
PPBL SHL	LOG	10860	11210	LOG	
PPLSH GR	LOG	10865	11065	LOG	
BPPLSH S	LOG	11150	11210	LOG	
PPLS UFM	LOG	11210	11210	LOG	
KINGAK	LOG	11210	13400	LOG	
SAG RV	LOG	13400	13430	LOG	
SHUBLIK	LOG	13430	13550	LOG	
SADLRCT	LOG	13550	14930	LOG	
FIRE CRK	LOG	13550	13820	LOG	
IVSK SS	LOG	13820	14180	LOG	
KAVIK SH	LOG	14180	14630	LOG	
ECHOOKA	LOG	14630	14930	LOG	
LISBURNE	LOG	14930	----		
UP LIME	LOG	14930	15340	LOG	
DOLOMITE	LOG	15340	15880	LOG	
LO LMST	LOG	15880	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

08/25/81

TWP: 1N RGE: 20E SEC: 17 SURF. KEMIK 1
 LAT: 069 26 26 LONG: 147 16 11 SURF. API NUMBER: 50-223-20006-00-00
 KB ELEV.: 1234 ROCK UNIT AT T.D.: KAYAK SH TOTAL DEPTH: 16073

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GEK/SFD	SUR	14	50	EST	
COLVILLE	EST	50	2770	LOG	
CLV GP H	EST	50	2770	LOG	
PFBL SHL	LOG	2770	3885	LOG	
PFBL SH GR	LOG	2785	3450	LOG	
BFBL SH S	LOG	3585	3885	LOG	
PFLS UFM	LOG	3885	3885	LOG	
KINGAK	LOG	3885	4440	LOG	
T/FAULT	LOG	4440	4440	LOG	
BPFL SH S	LOG	4440	4730	LOG	
PFLS UFM	LOG	4730	4730	LOG	
KINGAK	LOG	4730	8480	LOG	
SAG RV	LOG	8480	8545	LOG	
SHURLIK	LOG	8545	8830	LOG	
SADLRCT	LOG	8830	10950	LOG	
FIRE CRK	LOG	8830	9275	LOG	
IVSK SS	LOG	9275	9560	LOG	
KAVIK SH	LOG	9660	10255	LOG	
ECHOOKA	LOG	10255	10950	LOG	
LISBUPNE	LOG	10950	15970	LOG	
ENDICOTT	LOG	15970	----		
KAYAK SH	LOG	15970	----		

FIFE

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 2N RGE: 19E SEC: 25 SURF. FIN CREEK UNIT 1
 LAT: 069 30 00 LONG: 147 36 00 SURF. API NUMBER: 50-223-20007-00-00
 KB ELEV.: 785 ROCK UNIT AT T.D.: ECHOOKA TOTAL DEPTH: 16119

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GEK/SFD	SUR	17	100	EST	
SG/CLV U	EST	100	10000	LOG	
SG/CLV S	EST	100	2320	LOG	
CLV GP H	LOG	2320	10000	LOG	
PFBL SHL	LOG	10000	10535	LOG	
BFBL SH S	LOG	10375	10535	LOG	
PFLS UFM	LOG	10535	10535	LOG	
KINGAK	LOG	10535	14130	LOG	
SAG RV	LOG	14130	14160	LOG	
SHURLIK	LOG	14160	14360	LOG	
SADLRCT	LOG	14360	----		
FIRE CRK	LOG	14360	14770	LOG	
IVSK SS	LOG	14770	15100	LOG	
KAVIK SH	LOG	15100	15710	LOG	
ECHOOKA	LOG	15710	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1N RGE: 16E SEC: 32 SURF. ECHOOKA UNIT 1
 LAT: 66° 23' 57" LONG: 148° 16' 3" SURF. API NUMBER: 50-223-20008-00-00
 KB ELEV.: 676 ROCK UNIT AT T.D.:KINGAK TOTAL DEPTH: 13015

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	21	335	LOG	
SG/CLV U	LOG	335	12405	LOG	
SG/CLV S	LOG	335	3900	LOG	
CLV GP H	LOG	3900	12405	LOG	
PRBL SHL	LOG	12405	12920	LOG	
PRLSH GR	LOG	12410	12655	LOG	
BPBLSH S	LOG	12740	12920	LOG	
PRLS UFM	LOG	12920	12920	LOG	
KINGAK	LOG	12920	----		

FIFD

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 5N RGE: 14E SEC: 14 SURF. WEST KADLEROSHILIK 1
 LAT: 66° 46' 59" LONG: 148° 35' 12" SURF. API NUMBER: 50-223-20009-00-00
 KB ELEV.: 909 ROCK UNIT AT T.D.:SG/CLV U TOTAL DEPTH: 4566

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/23/81
SG/CLV U	SFD	27	----		
SG/CLV S	SFD	27	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 3S RGE: 11E SEC: 30 SURF. AUFEIS UNIT 1
 LAT: 66° 00' 00" LONG: 149° 34' 18" SURF. API NUMBER: 50-223-20010-00-00
 KB ELEV.: 1170 ROCK UNIT AT T.D.:CLV GP H TOTAL DEPTH: 7954

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	03/15/81
GRK/SFD	SUR	25	90	SPL	
COLVILLE	SPL	90	----		
CLV GP S	SPL	90	1480	LOG	
CLV GP H	LOG	1480	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 4S RGE: 14E SEC: 13 SURF. LUPINE UNIT 1
 LAT: 66° 06' 03" LONG: 148° 37' 6" SURF. API NUMBER: 50-223-20011-00-00
 KB ELEV.: 1739 ROCK UNIT AT T.D.:KINGAK TOTAL DEPTH: 14268

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	03/15/81
NANUSHUK	SUR	17	4715	LOG	
TOROK	LOG	4715	5150	LOG	
LTK/FTM	LOG	5150	10960	SPL	
PRBL SHL	SPL	10960	11250	EST	
PRLS UFM	EST	11250	11250	EST	
KINGAK	EST	11250	----		

RIPD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 01S RGE: 21E SEC: 06 SURF. KEMIK UNIT 2
 LAT: 069 23 10 LONG: 147 9 16 SURF. API NUMBER: 50-223-20013-00-00
 KB ELEV.: 1307 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 8880

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	03/15/81
GRK/SFD	SUR	19	25	EST	
KINGAK	EST	25	6030	LOG	
SAG RV	LOG	6030	6105	LOG	
SHURLIK	LOG	6105	6285	LOG	
SADLRCT	LOG	6285	8340	LOG	
FIRE CRK	LOG	6285	6785	LOG	
IVSK SS	LOG	6785	7155	LOG	
KAVIK SH	LOG	7155	7815	LOG	
ECHOOKA	LOG	7815	8340	LOG	
LISBURNE	LOG	8340	----		

RIPD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 18N RGE: 13W SEC: 10 SURF. SIMPSON (CORE TST) 1
 LAT: 070 55 41 LONG: 155 17 21 SURF. API NUMBER: 50-279-10001-00-00
 KB ELEV.: 27 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 116

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GRK/SFD	SUR	6	85	LOG	
NANUSHUK	LOG	85	----		

RIPD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 18N RGE: 13W SEC: 10 SURF. SIMPSON (CORE TST) 2
 LAT: 070 55 38 LONG: 155 17 30 SURF. API NUMBER: 50-279-10002-00-00
 KB ELEV.: 29 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 226

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GRK/SFD	SUR	18	75	LOG	
NANUSHUK	LOG	75	----		

RIPD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 18N RGE: 13W SEC: 10 SURF. SIMPSON (CORE TST) 3
 LAT: 070 55 36 LONG: 155 17 30 SURF. API NUMBER: 50-279-10003-00-00
 KB ELEV.: 29 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 368

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	2	80	LOG	
NANUSHUK	LOG	80	----		

FIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 18N RGE: 13W SEC: 10 SURF. SIMPSON (CORE TST) 4
LAT: 070 55 45 LONG: 155 15 51 SURF. API NUMBER: 50-279-10004-00-00
KB ELEV.: 14 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 151

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GPB/SFD	SUR	2	80	LOG	
NANUSHUK	LOG	80	----		

FIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 18N RGE: 13W SEC: 3 SURF. SIMPSON (CORE TST) 5
LAT: 070 55 17 LONG: 155 16 45 SURF. API NUMBER: 50-279-10005-00-00
KB ELEV.: 17 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 130

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
GPB/SFD	SUR	6	50	LOG	
NANUSHUK	LOG	50	----		

FIRD

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 18N RGE: 13W SEC: 9 SURF. SIMPSON (CORE TST) 6
LAT: 070 55 58 LONG: 155 18 52 SURF. API NUMBER: 50-279-10006-00-00
KB ELEV.: 26 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 149

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GPB/SFD	SUR	6	80	LOG	
NANUSHUK	LOG	80	----		

FIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 18N RGE: 13W SEC: 9 SURF. SIMPSON (CORE TST) 7
LAT: 070 55 49 LONG: 155 18 8 SURF. API NUMBER: 50-279-10007-00-00
KB ELEV.: 26 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 532

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GPB/SFD	SUR	12	70	LOG	
NANUSHUK	LOG	70	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 18N RGE: 13W SEC: 4 SURF. SIMPSON (CORE TST) 8
 LAT: 070 56 43 LONG: 155 17 38 SURF. API NUMBER: 50-279-10008-00-00
 KB ELEV.: 16 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 580

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
GRK/SFD	SUR	2	65	LOG	
NANUSHUK	LOG	65	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 19N RGE: 13W SEC: 34 SURF. SIMPSON (CORE TST) 9
 LAT: 070 57 26 LONG: 155 17 30 SURF. API NUMBER: 50-279-10009-00-00
 KB ELEV.: 11 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 320

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GRK/SFD	SUR	3	85	LOG	
NANUSHUK	LOG	85	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 19N RGE: 13W SEC: 34 SURF. SIMPSON (CORE TST) 10
 LAT: 070 57 42 LONG: 155 17 31 SURF. API NUMBER: 50-279-10010-00-00
 KB ELEV.: 11 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 500

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GRK/SFD	SUR	4	65	LOG	
NANUSHUK	LOG	65	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 19N RGE: 13W SEC: 21 SURF. SIMPSON (CORE TST) 11
 LAT: 070 58 49 LONG: 155 17 31 SURF. API NUMBER: 50-279-10011-00-00
 KB ELEV.: 3 ROCK UNIT AT T.D.: COLVILLE TOTAL DEPTH: 580

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GRK/SFD	SUR	2	80	LOG	
COLVILLE	LOG	80	----		
CLV GP H	LOG	80	----		

BIRD NORTH SLOPE ROCK UNIT REPORT 06/01/81
 TWP: 19N RGE: 13W SEC: 27 SURF. SIMPSON (CORE TST) 12
 LAT: 070 58 12 LONG: 155 17 30 SURF. API NUMBER: 50-279-10012-00-00
 KB ELEV.: 6 ROCK UNIT AT T.D.: COLVILLE TOTAL DEPTH: 460

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	5	65	LOG	
COLVILLE	LOG	65	----		
CLV GP H	LOG	65	----		

BIRD NORTH SLOPE ROCK UNIT REPORT 06/01/81
 TWP: 19N RGE: 11W SEC: 24 SURF. SIMPSON (CORE TST) 13
 LAT: 070 58 52 LONG: 154 38 43 SURF. API NUMBER: 50-279-10013-00-00
 KB ELEV.: 33 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 1438

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GRK/SFD	SUR	6	85	LOG	
COLVILLE	LOG	85	660	LOG	
CLV GP H	LOG	85	660	LOG	
NANUSHUK	LOG	660	----		

BIRD NORTH SLOPE ROCK UNIT REPORT 06/01/81
 TWP: 19N RGE: 11W SEC: 24 SURF. SIMPSON (CORE TST) 14
 LAT: 070 59 12 LONG: 154 37 36 SURF. API NUMBER: 50-279-10014-00-00
 KB ELEV.: 34 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 1270

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	5	85	LOG	
COLVILLE	LOG	85	300	LOG	
CLV GP H	LOG	85	300	LOG	
NANUSHUK	LOG	300	----		

BIRD NORTH SLOPE ROCK UNIT REPORT 06/01/81
 TWP: 19N RGE: 11W SEC: 24 SURF. SIMPSON (CORE TST) 14A
 LAT: 070 59 12 LONG: 154 37 37 SURF. API NUMBER: 50-279-10015-00-00
 KB ELEV.: 30 ROCK UNIT AT T.D.: COLVILLE TOTAL DEPTH: 290

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GRK/SFD	SUR	3	85	EST	
COLVILLE	EST	85	----		
CLV GP H	EST	85	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 19N RGE: 11W SEC: 24 SURF. SIMPSON (CORE TST) 15
 LAT: 070 59 5 LONG: 154 38 8 SURF. API NUMBER: 50-279-10016-00-00
 KB ELEV.: 30 ROCK UNIT AT T.D.:NANUSHUK TOTAL DEPTH: 900

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	5	75	LOG	
COLVILLE	LOG	75	290	LOG	
CLV GP H	LOG	75	290	LOG	
NANUSHUK	LOG	290	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 19N RGE: 11W SEC: 24 SURF. SIMPSON (CORE TST) 16
 LAT: 070 58 59 LONG: 154 37 51 SURF. API NUMBER: 50-279-10017-00-00
 KB ELEV.: 28 ROCK UNIT AT T.D.:NANUSHUK TOTAL DEPTH: 800

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	4	80	LOG	
COLVILLE	LOG	80	295	LOG	
CLV GP H	LOG	80	295	LOG	
NANUSHUK	LOG	295	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 19N RGE: 11W SEC: 24 SURF. SIMPSON (CORE TST) 17
 LAT: 070 59 12 LONG: 154 38 32 SURF. API NUMBER: 50-279-10018-00-00
 KB ELEV.: 27 ROCK UNIT AT T.D.:NANUSHUK TOTAL DEPTH: 1100

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	4	80	LOG	
COLVILLE	LOG	80	570	LOG	
CLV GP H	LOG	80	570	LOG	
NANUSHUK	LOG	570	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 19N RGE: 11W SEC: 23 SURF. SIMPSON (CORE TST) 18
 LAT: 070 59 38 LONG: 154 40 13 SURF. API NUMBER: 50-279-10019-00-00
 KB ELEV.: 18 ROCK UNIT AT T.D.:COLVILLE TOTAL DEPTH: 1460

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GRK/SFD	SUR	4	90	LOG	
COLVILLE	LOG	90	----		
CLV GP H	LOG	90	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 19N RGE: 11W SEC: 22 SURF. SIMPSON (CORE TST) 19
 LAT: 070 50 16 LONG: 154 42 56 SURF. API NUMBER: 50-279-10020-00-00
 KB ELEV.: 19 ROCK UNIT AT T.D.: COLVILLE TOTAL DEPTH: 1061

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GRK/SFD	SUR	4	80	LOG	
COLVILLE	LOG	80	----		
CLV GP H	LOG	80	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 19N RGE: 10W SEC: 18 SURF. SIMPSON (CORE TST) 20
 LAT: 070 59 48 LONG: 154 35 18 SURF. API NUMBER: 50-279-10021-00-00
 KB ELEV.: 24 ROCK UNIT AT T.D.: COLVILLE TOTAL DEPTH: 1001

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GRK/SFD	SUR	4	85	LOG	
COLVILLE	LOG	85	----		
CLV GP H	LOG	85	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 19N RGE: 10W SEC: 19 SURF. SIMPSON (CORE TST) 22
 LAT: 070 59 31 LONG: 154 36 15 SURF. API NUMBER: 50-279-10022-00-00
 KB ELEV.: 27 ROCK UNIT AT T.D.: COLVILLE TOTAL DEPTH: 903

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	7	85	LOG	
COLVILLE	LOG	85	----		
CLV GP H	LOG	85	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 18N RGE: 11W SEC: 3 SURF. SIMPSON (CORE TST) 25
 LAT: 070 56 9 LONG: 154 42 11 SURF. API NUMBER: 50-279-10023-00-00
 KB ELEV.: 20 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 1510

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GRK/SFD	SUR	3	110	LOG	
COLVILLE	LOG	110	830	LOG	
CLV GP H	LOG	110	830	LOG	
NANUSHUK	LOG	830	----		

PIRD

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 18N RGE: 11W SEC: 11 SURF. SIMPSON (CORE TST) 26
 LAT: 070 56 8 LONG: 154 41 3 SURF. API NUMBER: 50-279-10024-00-00
 KB ELEV.: 23 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 1171

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GPW/SFD	SUR	3	85	LOG	
COLVILLE	LOG	85	420	LOG	
CLV GP H	LOG	85	420	LOG	
NANUSHUK	LOG	420	----		

PIPD

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 18N RGE: 11W SEC: 11 SURF. SIMPSON (CORE TST) 27
 LAT: 070 56 7 LONG: 154 40 4 SURF. API NUMBER: 50-279-10025-00-00
 KB ELEV.: 29 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 1500

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GPW/SFD	SUR	5	100	LOG	
COLVILLE	LOG	100	450	LOG	
CLV GP H	LOG	100	450	LOG	
NANUSHUK	LOG	450	----		

PIPD

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 19N RGE: 10W SEC: 10 SURF. SIMPSON (CORE TST) 28
 LAT: 070 50 32 LONG: 154 40 15 SURF. API NUMBER: 50-279-10026-00-00
 KB ELEV.: 37 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 2505

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GPW/SFD	SUR	17	120	LOG	
COLVILLE	LOG	120	1020	LOG	
CLV GP H	LOG	120	1020	LOG	
NANUSHUK	LOG	1020	----		

PIPD

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 18N RGE: 11W SEC: 11 SURF. SIMPSON (CORE TST) 29
 LAT: 070 55 46 LONG: 154 41 30 SURF. API NUMBER: 50-279-10027-00-00
 KB ELEV.: 25 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 700

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GPW/SFD	SUR	5	85	LOG	
COLVILLE	LOG	85	490	LOG	
CLV GP H	LOG	85	490	LOG	
NANUSHUK	LOG	490	----		

BIRD NORTH SLOPE ROCK UNIT REPORT 09/01/81
 TWP: 18N RGE: 11W SEC: 11 SURF. SIMPSON (CORE TST) 30
 LAT: 070 55 50 LONG: 154 40 35 SURF. API NUMBER: 50-279-10028-00-00
 KB ELEV.: 25 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 693

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GPK/SFD	SUR	5	85	LOG	
COLVILLE	LOG	85	445	LOG	
CLV GP H	LOG	85	445	LOG	
NANUSHUK	LOG	445	----		

BIRD NORTH SLOPE ROCK UNIT REPORT 09/01/81
 TWP: 18N RGE: 11W SEC: 11 SURF. SIMPSON (CORE TST) 30A
 LAT: 070 55 49 LONG: 154 40 40 SURF. API NUMBER: 50-279-10029-00-00
 KB ELEV.: 25 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 701

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GPK/SFD	SUR	5	85	LOG	
COLVILLE	LOG	85	445	LOG	
CLV GP H	LOG	85	445	LOG	
NANUSHUK	LOG	445	----		

BIRD NORTH SLOPE ROCK UNIT REPORT 09/01/81
 TWP: 19N RGE: 11W SEC: 36 SURF. SIMPSON (CORE TST) 31
 LAT: 070 57 20 LONG: 154 37 44 SURF. API NUMBER: 50-279-10030-00-00
 KB ELEV.: 19 ROCK UNIT AT T.D.: CLV GP H TOTAL DEPTH: 355

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GPK/SFD	SUR	5	110	LOG	
COLVILLE	LOG	110	----		
CLV GP H	LOG	110	----		

BIRD NORTH SLOPE ROCK UNIT REPORT 09/01/81
 TWP: 19N RGE: 13W SEC: 32 SURF. SIMPSON 1
 LAT: 070 57 11 LONG: 155 21 51 SURF. API NUMBER: 50-279-10032-00-00
 KB ELEV.: 29 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 7002

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GPK/SFD	SUR	17	25	EST	
NANUSHUK	EST	25	980	LOG	
TOPOK	LOG	980	5290	LOG	
PBBL SHL	LOG	5290	5500	EST	
PRLS UFM	EST	5500	5500	EST	
KINGAK	EST	5500	6030	LOG	
SAG RV	LOG	6030	6270	LOG	
SHURLIK	LOG	6270	6535	LOG	
ARGILLIT	LOG	6535	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 15N RGE: 16W SEC: 25 SURF. TOPAGORUK 1
 LAT: 070 37 30 LONG: 155 53 35 SURF. API NUMBER: 50-279-10033-00-00
 KB ELEV.: 42 ROCK UNIT AT T.D.:BSM CPLX TOTAL DEPTH: 10503

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GPK/SFD	SUR	14	50	SPL	
NANUSHUK	SPL	50	2150	LOG	
TOROK	LOG	2150	6685	LOG	
PBBL SHL	LOG	6685	6885	LOG	
PPLSH GR	LOG	6685	6840	LOG	
PPLS UFM	LOG	6885	6885	LOG	
KINGAK	LOG	6885	8665	LOG	
SMPSN SS	LOG	7750	7860	LOG	
SAG RV	LOG	8665	8830	LOG	
SHURLIK	LOG	8830	9220	LOG	
SADLRCT	LOG	9220	9775	LOG	
FIPE CRK	LOG	9220	9380	LOG	
IVSK SS	LOG	9380	9585	LOG	
KAVIK SH	LOG	9585	9775	LOG	
ENDICOTT	LOG	9775	10045	LOG	
BSM CPLX	LOG	10045	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 14N RGE: 14W SEC: 12 SURF. EAST TOPAGORUK 1
 LAT: 070 34 37 LONG: 155 22 38 SURF. API NUMBER: 50-279-10034-00-00
 KB ELEV.: 67 ROCK UNIT AT T.D.:TOROK TOTAL DEPTH: 3589

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
GPK/SFD	SUR	17	90	SPL	
NANUSHUK	SPL	90	2280	LOG	
TOROK	LOG	2280	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 17N RGE: 12W SEC: 22 SURF. SOUTH SIMPSON 1
 LAT: 070 48 24 LONG: 154 58 54 SURF. API NUMBER: 50-279-20001-00-00
 KB ELEV.: 25 ROCK UNIT AT T.D.:ARGILLIT TOTAL DEPTH: 8795

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GPK/SFD	SUR	20	80	EST	
NANUSHUK	EST	80	1910	LOG	
TOROK	LOG	1910	6315	LOG	
PBBL SHL	LOG	6315	6525	LOG	
PBLSH GR	LOG	6335	6460	LOG	
PPLS UFM	LOG	6525	6525	LOG	
KINGAK	LOG	6525	7400	LOG	
SMPSN SS	LOG	6525	6705	LOG	
SAG RV	LOG	7400	7685	LOG	
SHURLIK	LOG	7685	8270	LOG	
SADLRCT	LOG	8270	8590	LOG	
IVSK SS	LOG	8270	8470	LOG	
KAVIK SH	LOG	8470	8590	LOG	
ENDICOTT	LOG	8590	8745	LOG	
ARGILLIT	LOG	8745	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 18N RGE: 8W SEC: 26 SURF. DREW POINT 1
 LAT: 070 52 47 LONG: 153 53 59 SURF. API NUMBER: 50-279-20002-00-00
 KB ELEV.: 39 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 7946

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GRK/SFD	SUR	23	80	EST	
COLVILLE	EST	80	1230	LOG	
CLV GP S	EST	80	740	LOG	
CLV GP H	EST	740	1230	LOG	
NANUSHUK	LOG	1230	3200	LOG	
TOROK	LOG	3200	6700	LOG	
PRBL SHL	LOG	6700	6900	LOG	
PRLSH GR	LOG	6700	6840	LOG	
PPLS UFM	LOG	6900	6900	LOG	
KINGAK	LOG	6900	6955	LOG	
SAG RV	LOG	6955	7060	LOG	
SHURLIK	LOG	7060	7570	LOG	
SADLRCT	LOG	7570	7850	LOG	
IVSK SS	LOG	7570	7850	LOG	
ARGILLIT	LOG	7850	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

08/01/81

TWP: 2N RGE: 5W SEC: 34 SURF. INIGOK 1
 LAT: 070 00 16 LONG: 153 5 57 SURF. API NUMBER: 50-279-20003-00-00
 KB ELEV.: 163 ROCK UNIT AT T.D.: ENDICOTT TOTAL DEPTH: 20102

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GRK/SFD	SUR	43	100	EST	
COLVILLE	EST	100	2250	LOG	
CLV GP S	EST	100	1380	LOG	
CLV GP H	LOG	1380	2250	LOG	
NANUSHUK	LOG	2250	3935	LOG	
TOROK	LOG	3935	9040	LOG	
PRBL SHL	LOG	9040	9260	LOG	
PRLSH GR	LOG	9040	9170	LOG	
PPLS UFM	LOG	9260	9260	LOG	
KINGAK	LOG	9260	12160	LOG	
SAG RV	LOG	12160	12190	LOG	
SHURLIK	LOG	12190	12430	LOG	
SADLRCT	LOG	12430	13985	LOG	
FIRE CRK	LOG	12430	12840	LOG	
IVSK SS	LOG	12840	13285	LOG	
KAVIK SH	LOG	13285	13660	LOG	
ECHOOKA	LOG	13660	13985	LOG	
LISBURNE	LOG	13985	17870	LOG	
ENDICOTT	LOG	17870	----		
KAYAK SH	LOG	17870	18500	LOG	
KEKIKTUK	LOG	18500	----		

FIRE

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 13N RGE: 10W SEC: 25 SURF. IKPIKPUK 1
 LAT: 070 27 20 LONG: 154 19 53 SURF. API NUMBER: 50-279-20004-00-00
 KB ELEV.: 52 ROCK UNIT AT T.D.:BSM CPLX TOTAL DEPTH: 15481

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GRK/SFD	SUR	20	100	SPL	
NANUSHUK	SPL	100	2950	LOG	
TOROK	LOG	2950	7230	LOG	
PFBL SHL	LOG	7230	7480	LOG	
PPLSH GR	LOG	7230	7355	LOG	
BPPLSH S	LOG	7435	7480	LOG	
PPLS UFM	LOG	7480	7480	LOG	
KINGAK	LOG	7480	9845	LOG	
SAG RV	LOG	9845	9905	LOG	
SHUBLIK	LOG	9905	10395	LOG	
SADLRCT	LOG	10395	11445	LOG	
PIPE CPK	LOG	10395	10600	LOG	
IVSK SS	LOG	10600	11100	LOG	
KAVIK SH	LOG	11100	11295	LOG	
ECHOOKA	LOG	11295	11445	LOG	
LISPURNE	LOG	11445	14550	LOG	
UP LIME	LOG	11445	13785	LOG	
COLOMITE	LOG	13785	14070	LOG	
LO LMST	LOG	14070	14550	LOG	
ENDICOTT	LOG	14550	15320	LOG	
BSM CPLX	LOG	15320	----		

BIPD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 18N RGE: 10W SEC: 18 SURF. EAST SIMPSON 1
 LAT: 070 55 4 LONG: 154 37 4 SURF. API NUMBER: 50-279-20005-00-00
 KB ELEV.: 30 ROCK UNIT AT T.D.:BSM CPLX TOTAL DEPTH: 7739

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GRK/SFD	LOG	16	80	EST	
COLVILLE	EST	80	525	LOG	
CLV GF H	EST	80	525	LOG	
NANUSHUK	LOG	525	2690	LOG	
TOROK	LOG	2690	6365	LOG	
PFBL SHL	LOG	6365	6580	LOG	
PPLSH GR	LOG	6365	6525	LOG	
PPLS UFM	LOG	6580	6580	LOG	
KINGAK	LOG	6580	6760	LOG	
SAG RV	LOG	6760	7025	LOG	
SHUBLIK	LOG	7025	7455	LOG	
SADLRCT	LOG	7455	7590	LOG	
IVSK SS	LOG	7455	7590	LOG	
BSM CPLX	LOG	7590	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 18N RGE: 5W SEC: 14 SURF. J. W. DALTON 1
 LAT: 070 55 13 LONG: 153 8 15 SURF. API NUMBER: 50-279-20006-00-00
 KB ELEV.: 37 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 9367

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	18	210	SPL	
SG/CLV U	SPL	210	2660	LOG	
SG/CLV S	SPL	210	2060	LOG	
CLV GP H	LOG	2060	2660	LOG	
NANUSHUK	LOG	2660	4140	LOG	
TOROK	LOG	4140	7480	LOG	
PPBL SHL	LOG	7480	7640	LOG	
PRLSH GR	LOG	7480	7585	LOG	
PPBLSH S	LOG	7630	7640	LOG	
PRLS UFM	LOG	7640	7640	LOG	
SHUBLIK	LOG	7640	7900	LOG	
SADLRCT	LOG	7900	8305	LOG	
FIRE CRK	LOG	7900	7955	LOG	
IVSK SS	LOG	7955	8230	LOG	
KAVIK SH	LOG	8230	8305	LOG	
LISBURN	LOG	8305	8615	LOG	
ENDICOTT	LOG	8615	9265	LOG	
ARGILLIT	LOG	9265	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 19N RGE: 11W SEC: 23 SURF. EAST SIMPSON 2
 LAT: 070 58 42 LONG: 154 40 25 SURF. API NUMBER: 50-279-20007-00-00
 KB ELEV.: 40 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 7504

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GRK/SFD	SUR	17	80	EST	
COLVILLE	EST	80	1045	LOG	
CLV GP H	EST	80	1045	LOG	
NANUSHUK	LOG	1045	2700	LOG	
TOROK	LOG	2700	6325	LOG	
PPBL SHL	LOG	6325	6525	LOG	
PRLSH GR	LOG	6325	6475	LOG	
PRLS UFM	LOG	6525	6525	LOG	
SAG RV	LOG	6525	6770	LOG	
SHUBLIK	LOG	6770	7150	LOG	
SADLRCT	LOG	7150	7355	LOG	
BSM CPLX	LOG	7355	----		
ARGILLIT	LOG	7355	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1N RGE: 2W SEC: 34 SURF. UMIAT 1
 LAT: 069 23 52 LONG: 152 19 45 SURF. API NUMBER: 50-287-10001-00-00
 KB ELEV.: 810 ROCK UNIT AT T.D.: TOROK TOTAL DEPTH: 6005

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
COLVILLE	SUR	9	915	LOG	
CLV GP S	SUR	9	200	LOG	
CLV GP H	LOG	200	915	LOG	
NANUSHUK	LOG	915	2840	LOG	
TOROK	LOG	2840	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

08/01/81

TWP: 1S RGE: 1W SEC: 3 SURF. UMIAT 2
 LAT: 069 23 3 LONG: 152 5 00 SURF. API NUMBER: 50-287-10002-00-00
 KP ELEV.: 342 ROCK UNIT AT T.D.:TOROK TOTAL DEPTH: 6212

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
GRK/SFD	SUR	9	70	SPL	
NANUSHUK	SPL	70	1060	LOG	
TOROK	LOG	1060	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

08/01/81

TWP: 1S RGE: 1W SEC: 3 SURF. UMIAT (CORE TST 1) 3
 LAT: 069 23 16 LONG: 152 5 13 SURF. API NUMBER: 50-287-10003-00-00
 KP ELEV.: 360 ROCK UNIT AT T.D.:NANUSHUK TOTAL DEPTH: 572

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	9	60	EST	
NANUSHUK	EST	60	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1S RGE: 1W SEC: 3 SURF. UMIAT (RUBY 1) 4
 LAT: 069 23 20 LONG: 152 4 53 SURF. API NUMBER: 50-287-10004-00-00
 KP ELEV.: 483 ROCK UNIT AT T.D.:NANUSHUK TOTAL DEPTH: 840

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
GRK/SFD	SUR	1	90	EST	
NANUSHUK	EST	90	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1S RGE: 1W SEC: 3 SURF. UMIAT (RUBY 2) 5
 AT: 069 23 4 LONG: 152 4 55 SURF. API NUMBER: 50-287-10005-00-00
 KP ELEV.: 335 ROCK UNIT AT T.D.:NANUSHUK TOTAL DEPTH: 1077

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	1	65	EST	
NANUSHUK	EST	65	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1S RGE: 1W SEC: 10 SURF. UMIAT (RUBY 3) 6
 AT: 069 22 44 LONG: 152 5 39 SURF. API NUMBER: 50-287-10006-00-00
 B ELEV.: 337 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 825

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	3	30	SPL	
COLVILLE	SPL	30	220	LOG	
CLV GP H	SPL	30	220	LOG	
NANUSHUK	LOG	220			

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1S RGE: 1W SEC: 10 SURF. UMIAT (RUBY 4) 7
 AT: 069 22 32 LONG: 152 6 16 SURF. API NUMBER: 50-287-10007-00-00
 B ELEV.: 330 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 1384

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GRK/SFD	SUR	4	50	SPL	
COLVILLE	SPL	50	380	SPL	
CLV GP H	SPL	50	380	SPL	
NANUSHUK	SPL	380			

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1N RGE: 1W SEC: 34 SURF. UMIAT 8
 AT: 069 23 58 LONG: 152 6 56 SURF. API NUMBER: 50-287-10008-00-00
 B ELEV.: 740 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 1327

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GRK/SFD	SUR	5	20	SPL	
COLVILLE	SPL	20	60	SPL	
CLV GP H	SPL	20	60	SPL	
NANUSHUK	SPL	60			

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1S RGE: 1W SEC: 5 SURF. UMIAT 9
 AT: 069 23 13 LONG: 152 10 10 SURF. API NUMBER: 50-287-10009-00-00
 B ELEV.: 424 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 1257

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
NANUSHUK	SUR	6			

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1S RGE: 1W SEC: 34 SURF. UMIAT 10
 AT: 069 24 3 LONG: 152 7 56 SURF. API NUMBER: 50-287-10010-00-00
 B ELEV.: 746 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 1573

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
NANUSHUK	SUR	5	250	SPL	
T/FAULT	SPL	250	250	SPL	
COLVILLE	SPL	250	400	SPL	
SEABEE	SPL	250	400	SPL	
NANUSHUK	SPL	400	500	SPL	
T/FAULT	SPL	500	500	SPL	
COLVILLE	SPL	500	630	SPL	
SEABEE	SPL	500	630	SPL	
NANUSHUK	SPL	630	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1N RGE: 1W SEC: 34 SURF. UMIAT 11
 AT: 069 24 29 LONG: 152 5 57 SURF. API NUMBER: 50-287-10011-00-00
 B ELEV.: 481 ROCK UNIT AT T.D.: TOROK TOTAL DEPTH: 3303

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	17	20	SPL	
COLVILLE	SPL	20	2040	LOG	
CLV GP S	SPL	20	545	LOG	
CLV GP H	LOG	545	2040	LOG	
NANUSHUK	LOG	2040	3080	LOG	
TOROK	LOG	3080	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 3N RGE: 3E SEC: 20 SURF. SENTINEL HILL (CR) 1
 AT: 069 36 56 LONG: 151 27 11 SURF. API NUMBER: 50-287-10012-00-00
 B ELEV.: 209 ROCK UNIT AT T.D.: COLVILLE TOTAL DEPTH: 1180

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
COLVILLE	SUR	9	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 1N RGE: 3E SEC: 19 SURF. GUBIK 1
 AT: 069 26 3 LONG: 151 29 35 SURF. API NUMBER: 50-287-10013-00-00
 B ELEV.: 156 ROCK UNIT AT T.D.: TOROK TOTAL DEPTH: 6000

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GRK/SFD	SUR	12	65	SPL	
COLVILLE	SPL	65	3070	LOG	
CLV GP S	SPL	65	1950	LOG	
CLV GP H	LOG	1950	3070	LOG	
NANUSHUK	LOG	3070	3975	LOG	
TOROK	LOG	3975	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 1N RGE: 3E SEC: 20 SURF. GUBIK 2
 AT: 069 25 28 LONG: 151 26 32 SURF. API NUMBER: 50-287-10014-00-00
 .B ELEV.: 163 ROCK UNIT AT T.D.:TOROK TOTAL DEPTH: 4620

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/16/81
GRK/SFD	SUR	12	110	EST	
COLVILLE	EST	110	3330	LOG	
CLV GP S	EST	110	2200	LOG	
CLV GP H	LOG	2200	3330	LOG	
NANUSHUK	LOG	3330	4385	LOG	
TOROK	LOG	4385	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1N RGE: 3E SEC: 21 SURF. GUBIK UNIT 1
 AT: 069 25 22 LONG: 151 26 32 SURF. API NUMBER: 50-287-10015-00-00
 .B ELEV.: 217 ROCK UNIT AT T.D.:TOROK TOTAL DEPTH: 4406

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	23	90	EST	
COLVILLE	EST	90	3170	LOG	
CLV GP S	EST	90	2070	LOG	
CLV GP H	LOG	2070	3170	LOG	
NANUSHUK	LOG	3170	4340	LOG	
TOROK	LOG	4340	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

09/16/81

TWP: 1S RGE: 2E SEC: 19 SURF. EAST UMIAT UNIT 1
 AT: 069 20 40 LONG: 151 44 36 SURF. API NUMBER: 50-287-10016-00-00
 .B ELEV.: 554 ROCK UNIT AT T.D.:NANUSHUK TOTAL DEPTH: 3347

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	17	75	EST	
COLVILLE	EST	75	1800	LOG	
CLV GP S	EST	75	360	LOG	
CLV GP H	LOG	360	1800	LOG	
NANUSHUK	LOG	1800	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 5S RGE: 5E SEC: 2 SURF. SHALE WALL UNIT 1
 AT: 069 1 56 LONG: 150 51 48 SURF. API NUMBER: 50-287-10017-00-00
 .B ELEV.: 759 ROCK UNIT AT T.D.:TOROK TOTAL DEPTH: 4026

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	11	75	EST	
COLVILLE	EST	75	1080	LOG	
CLV GP H	EST	75	1080	LOG	
NANUSHUK	LOG	1080	3990	LOG	
TOROK	LOG	3990	----		

PIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 2S RGE: 5E SEC: 1 SURF.
 AT: 069 17 48 LONG: 150 49 49 SURF.
 .B ELEV.: 632 ROCK UNIT AT T.D.:TOROK

KUPARUK UNIT 1
 API NUMBER: 50-287-10018-00-00
 TOTAL DEPTH: 6570

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GRK/SFD	SUR	12	60	EST	
COLVILLE	EST	60	5365	LOG	
CLV GP S	EST	60	3410	LOG	
CLV GP H	LOG	3410	5365	LOG	
NANUSHUK	LOG	5365	6010	LOG	
TOROK	LOG	6010	----		

PIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 1N RGE: 6E SEC: 11 SURF.
 AT: 069 27 20 LONG: 150 34 32 SURF.
 .B ELEV.: 529 ROCK UNIT AT T.D.:TOROK

ITKILLIK UNIT 1
 API NUMBER: 50-287-10020-00-00
 TOTAL DEPTH: 7751

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/16/81
GRK/SFD	SUR	12	60	SPL	
COLVILLE	SPL	60	6590	LOG	
CLV GP S	SPL	60	4420	LOG	
CLV GP H	LOG	4420	6590	LOG	
NANUSHUK	LOG	6590	6610	LOG	
TOROK	LOG	6610	----		

PIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 3S RGE: 5E SEC: 18 SURF.
 AT: 069 10 36 LONG: 151 00 38 SURF.
 .B ELEV.: 571 ROCK UNIT AT T.D.:TOROK

SCHRADER UNIT 1
 API NUMBER: 50-287-10021-00-00
 TOTAL DEPTH: 5129

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	12	100	SPL	
COLVILLE	SPL	100	570	LOG	
CLV GP H	SPL	100	570	LOG	
NANUSHUK	LOG	570	2555	LOG	
TOROK	LOG	2555	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 3S RGE: 4W SEC: 34 SURF.
 AT: 069 8 26 LONG: 152 49 6 SURF.
 .B ELEV.: 1191 ROCK UNIT AT T.D.:TOROK

LITTLE TWIST UNIT 1
 API NUMBER: 50-287-10022-00-00
 TOTAL DEPTH: 3625

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
NANUSHUK	SUR	18	3075	LOG	
TOROK	LOG	3075	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 2S RGE: 8E SEC: 10 SURF.
 AT: 069 17 16 LONG: 150 9 23 SURF.
 B ELEV.: 725 ROCK UNIT AT T.D.:TOROK

EAST KUPARUK UNIT 1
 API NUMBER: 50-287-20001-00-00
 TOTAL DEPTH: 7000

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	17	75	EST	
COLVILLE	EST	75	6680	LOG	
CLV GP S	EST	75	4730	LOG	
CLV GP H	LOG	4730	6680	LOG	
NANUSHUK	LOG	6680	6860	LOG	
TOROK	LOG	6860	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1S RGE: 1E SEC: 15 SURF.
 AT: 069 21 33 LONG: 151 51 42 SURF.
 B ELEV.: 357 ROCK UNIT AT T.D.:NANUSHUK

EAST UMIAT UNIT 2
 API NUMBER: 50-287-20002-00-00
 TOTAL DEPTH: 2841

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	12	150	SPL	
COLVILLE	SPL	150	1765	LOG	
CLV GP H	SPL	150	1765	LOG	
NANUSHUK	LOG	1765	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1S RGE: 1E SEC: 21 SURF.
 AT: 069 20 13 LONG: 151 54 43 SURF.
 B ELEV.: 537 ROCK UNIT AT T.D.:NANUSHUK

COLVILLE UNIT 1
 API NUMBER: 50-287-20003-00-00
 TOTAL DEPTH: 4150

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	23	75	EST	
COLVILLE	EST	75	2950	LOG	
NANUSHUK	LOG	2950	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1S RGE: 1E SEC: 11 SURF.
 AT: 069 21 55 LONG: 151 49 55 SURF.
 B ELEV.: 372 ROCK UNIT AT T.D.:TOROK

COLVILLE UNIT 2
 API NUMBER: 50-287-20004-00-00
 TOTAL DEPTH: 3254

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	23	75	EST	
COLVILLE	EST	75	1725	LOG	
NANUSHUK	LOG	1725	3100	LOG	
TOROK	LOG	3100	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 1S RGE: 1W SEC: 5 SURF. SEABEE 1
 AT: 069 22 48 LONG: 152 10 31 SURF. API NUMBER: 50-287-20007-00-00
 AB ELEV.: 322 ROCK UNIT AT T.D.:KINGAK TOTAL DEPTH: 15611

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	30	100	EST	
COLVILLE	EST	100	280	LOG	
CLV GP H	EST	100	280	LOG	
NANUSHUK	LOG	280	1295	LOG	
TOROK	LOG	1295	7540	LOG	
LTK/FTM	LOG	7540	13000	LOG	
PRBL SPL	LOG	13000	13200	LOG	
PBLSH GR	LOG	13070	13105	LOG	
PRLS UFM	LOG	13200	13200	LOG	
KINGAK	LOG	13200	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 7N RGE: 34W SEC: 25 SURF. KAOLAK 1
 AT: 069 55 59 LONG: 160 14 50 SURF. API NUMBER: 50-297-10001-00-00
 AB ELEV.: 178 ROCK UNIT AT T.D.:TOROK TOTAL DEPTH: 6952

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	14	110	EST	
NANUSHUK	EST	110	5205	LOG	
TOROK	LOG	5205	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

08/01/81

TWP: 10N RGE: 36W SEC: 20 SURF. TUNALIK 1
 AT: 070 12 20 LONG: 161 4 9 SURF. API NUMBER: 50-301-20001-00-00
 AB ELEV.: 110 ROCK UNIT AT T.D.:LISBURNE TOTAL DEPTH: 20335

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GRK/SFD	SUR	30	100	EST	
NANUSHUK	EST	100	6250	LOG	
TOROK	LOG	6250	10635	LOG	
PRBL SPL	LOG	10635	10900	LOG	
PBLSH GR	LOG	10635	10675	LOG	
PRLS UFM	LOG	10900	10900	LOG	
KINGAK	LOG	10900	14350	LOG	
SAG RV	LOG	14350	14510	LOG	
SHUBLIK	LOG	14510	14825	LOG	
SADLRCT	LOG	14825	17100	LOG	
FIRE CRK	LOG	14825	15560	LOG	
KAVIK SH	LOG	15560	16885	LOG	
ECHOOKA	LOG	16885	17100	LOG	
LISBURNE	LOG	17100	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 16N RGE: 28W SEC: 25 SURF. PEARD 1
AT: 070 42 56 LONG: 159 00 2 SURF. API NUMPEP: 50-301-20002-00-00
R ELEV.: 103 ROCK UNIT AT T.D.:BSM CPLX TOTAL DEPTH: 10225

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GRK/SFD	SUR	28	80	EST	
NANUSHUK	EST	80	2470	LOG	
TOPOK	LOG	2470	6195	LOG	
PRBL SHL	LOG	6195	6525	LOG	
PBLSH GR	LOG	6195	6370	LOG	
PRLS UFM	LOG	6525	6525	LOG	
KINGAK	LOG	6525	8340	LOG	
SMPSN SS	LOG	7830	7950	LOG	
SAG RV	LOG	8340	8465	LOG	
SHUBLIK	LOG	8465	8740	LOG	
SADLRCT	LOG	8740	9640	LOG	
FIRE CRK	LOG	8740	8855	LOG	
IVSK SS	LOG	8855	9360	LOG	
KAVIK SH	LOG	9360	9475	LOG	
ECHOOKA	LOG	9475	9640	LOG	
BSM CPLX	LOG	9640	----		

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