

EBA Engineering Consultants Ltd.

Civil, Geotechnical and Materials Engineers

COMPILATION OF BOREHOLE LOGS FOR THE MACKENZIE DELTA AREA, N.W.T. VOLUME NO. 1 OF 2



PREPARED FOR



**INDIAN AND NORTHERN AFFAIRS
CANADA**



MEMORANDUM

TO: ALL USERS

FROM: EBA ENGINEERING CONSULTANTS LTD.

DATE : 1987-04-30

SUBJECT: COMPILATION OF BOREHOLE LOGS
FOR THE MACKENZIE DELTA AREA, N.W.T.
VOLUMES 1 AND 2

These volumes contain borehole logs derived from various consultants and government departments and have been sorted according to Source number. All of the borehole logs have UTM coordinates as indicated. The coordinates have been annotated as field surveyed or estimated from source maps. In addition the general geographic location (i.e., Richards Island, Inuvik, etc.) is indicated along with the original reference source (i.e., EBA 1986; Hardy 1977; RKL 1973, etc.). The text references are attached.

Moisture contents are shown where these tests were carried out along with ground ice descriptions. The "UNIT" column on the far right side of the page indicates the classification the granular resource within that particular stratigraphic sequence has been assigned. The classification system is that adopted by Indian and Northern Affairs Canada (INAC) and combines USC classification and material end use. Refer to the attached sheet describing the material classification for further information. Additionally, the unit "OB" indicates overburden and "I" indicates ice. Overburden is material that would have to be removed to reveal usable granular resources and there is no differentiation between clay, silt, or peats. Where soils below the first sequence of usable granular resource were considered "overburden" types (i.e., clay, silts, peats), the USC classification (i.e., ML, CL, OL) was given for that sequence rather than define it as "OB". This method enabled searches for initial overburden thicknesses to be carried out on the database of boreholes.



TABLE 1

GRANULAR MATERIAL TYPES

MATERIAL DESCRIPTION	CLASS	POTENTIAL APPLICATIONS
Excellent quality material consisting of clean, well-graded, structurally-sound sands and gravel suitable for use as high-quality (e.g., runway or roof) surfacing materials, or as asphalt or concrete aggregate, with a minimum of processing.	1	Concrete Aggregate (CA), Surfacing Material (SM)
Good quality material generally consisting of well-graded sands and gravels with limited quantities of silt. This material will provide good quality base and surface course aggregates or structure-supporting fill. Production of concrete aggregates may be possible with extensive processing, except where deleterious materials are present.	2	Concrete Aggregate (CA), Surfacing Material (SM)
Fair quality material consisting generally of poorly-graded sands and gravels with or without substantial silt content. This material will provide fair quality general fill for roads, flexible foundation pads, or lay-down yards.	3	Base (B), Subbase (SB), Embankment (E)
Poor quality material generally consisting of silty, poorly-graded, fine-grained sand, with minor gravel. May also contain weak particles and deleterious materials and are considered suitable only for marginal, general (non-structural) fills.	4	Subbase (SB), Embankment (E)
Bedrock of fair to good quality, felsenmeer, or talus. Potentially excellent sources of construction material, ranging from general fill to concrete aggregate or building stone if quarried and processed. Also includes erosion control materials such as rip-rap or armour stone.	5	Rip-rap, or if processed properly, equivalent to Class 1 or any other class of material.

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INUVIK AREA

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INUVIK AREA, cont'd

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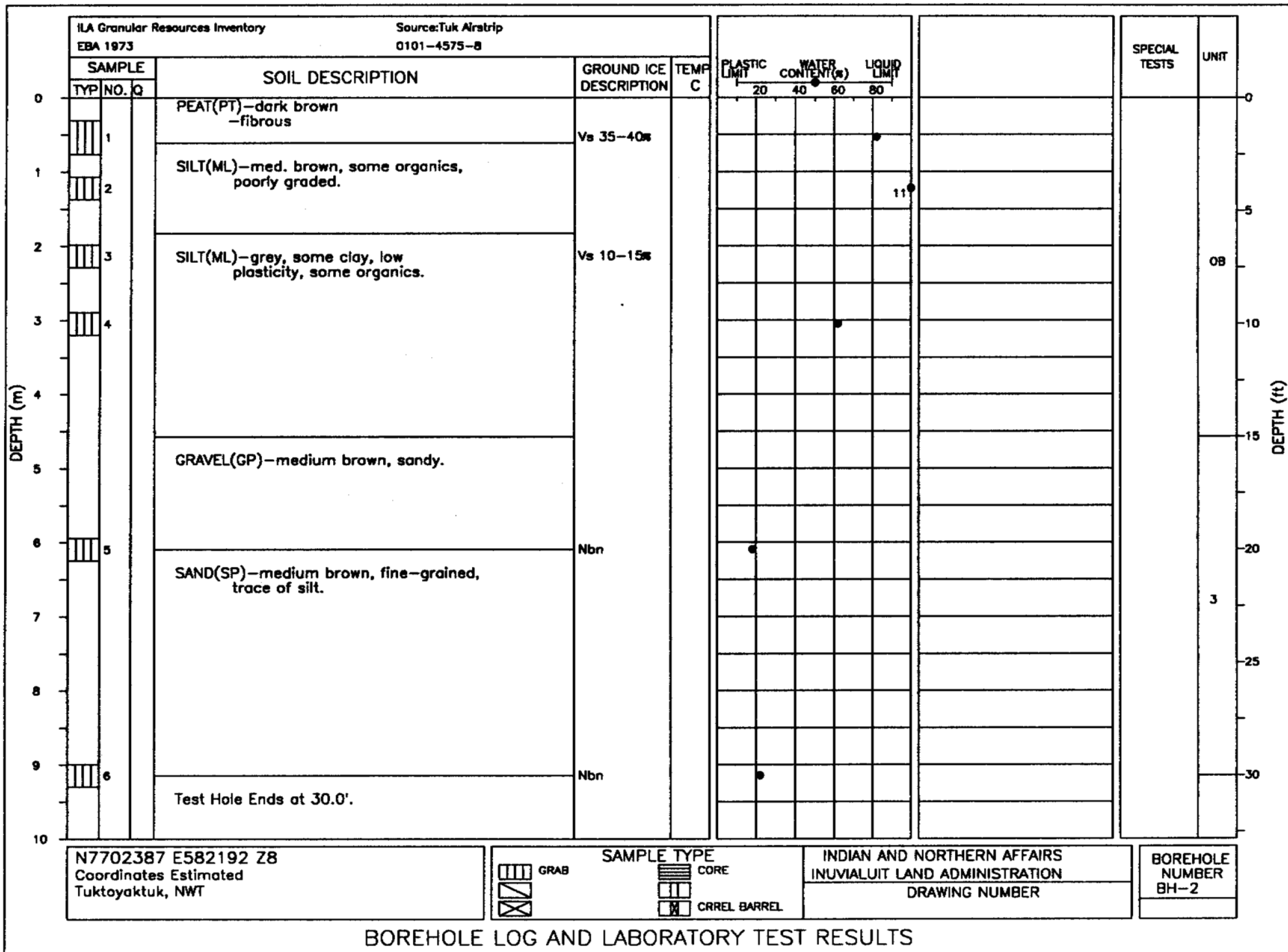
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ILA Granular Resources Inventory
EBA 1973

Source: Tuk Airstrip
0101-4575-8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
TYP	NO.	Q				20				40				60						
0			PEAT(PT)—dark brown fibrous																0	
1			CLAY(CL)—med. brown, Vs 35–40% —silty —med. plasticity															OB	5	
2			GRAVEL(GP)—med. brown —sandy																10	
3	1			Nbn															15	
4			SAND(SP)—med. brown —fine to med. grained —trace of silt																20	
5																			25	
6	2			Nbn															30	
7																			35	
8																			40	
9																			45	
10			Test Hole Ends at 30.0'.																50	

N7702514 E582016 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
BH-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

Source: Tuk Airstrip
0101-4575-8

DEPTH (m)

   GRAB


 CORE
 CRREL BARREL

BOREHOLE
NUMBER
BH-3

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory EBA 1973				Source: Tuk Alstrip 0101-4575-8					SPECIAL TESTS	UNIT
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			
TYP	NO. Q									
0		PEAT-(PT)-dark brown, fibrous, Vs 10-15%								0
	1		Nbn							0.8
1	2	SILT-(ML)-medium brown, sandy.	Nbn							
		GRAVEL-(GP)-medium brown, angular particles, silty, some sand.								5
2	3		Nbn							
	4		Nbn							10
3		SAND-(SP)-light brown, fine to medium grained, trace of silt.								
4										15
5										
6	5		Nbn							20
7										
8										25
9	6		Nbn							30
10		Test Hole Ends at 30.0'.								

N7702210 E582094 Z8 Coordinates Estimated Tuktoyaktuk, NWT		GRAB CORE COREL. BARREL	SAMPLE TYPE INDIAN AND NORTHERN AFFAIRS INUVIALUIT LAND ADMINISTRATION DRAWING NUMBER	BOREHOLE NUMBER BH-3A
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BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
EBA 1973

Source: Tuk Airstrip
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)	LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				1	20	40	60	80	1	20	40	60			
0				PEAT(PT)—dark brown, fibrous.														0
1		1		ICE— clear	Vs 20–25%							50						1
2		2		SILT(ML)—grey, some clay, low plasticity.	ICE							65						2
3		3			Vs 40–45%							21						3
4				— Vs 10–15% at 15 feet.														4
5				GRAVEL(GP)—grey, sandy.														5
6				— Vx 10–15% at 16 feet.														6
7		4		SAND(SP)—grey, fine-grained, trace of silt, some gravel.														7
8																		8
9		5			Nbn													9
10				Test Hole Ends at 30.0'.														10

N7702240 E582235 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
BH-4

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
EBA 1973

Source: Tuk Airstrip
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q																		
0				PEAT(PT)—dark brown, fibrous, Vs 15–20%																0	
1		1		SILT(ML)—medium brown, sandy.																OB	
2		2		GRAVEL(GP)—medium brown, sandy, poorly graded.	Nbn															5	
3		3			NF															10	
4																				15	
5				SAND(SP)—medium brown, fine grained, some silt, Nbn																3	
6		4			Nbn															20	
7																				25	
8																					
9		5																		30	
10				Test Hole Ends at 30.0'.																	

N7702134 E582366 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
BH-5

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory EBA 1973			Source: Tuk Alstrip 0101-4575-8						SPECIAL TESTS	UNIT
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			
TYP	NO.							Q		
0			PEAT(Pt)—dark brown, fibrous.	Vs 25-30%						0
	1									OB
1	2									
			GRAVEL(GP)—medium brown, sandy, some silt and clay, Nbn	Nbn						5
2	3									
3										10
4										
5			SAND(SP)—light brown, fine-grained, trace of silt.	Nbn						15
6	4			Nbn						20
7										
8										25
9	5			Nbn						30
10			Test Hole Ends at 30.0'.							

N7701945 E582500 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

GRAB
 CORE
 CORE BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
BH-6

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
EBA 1973

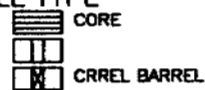
Source: Tuk Alstrip
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)	LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				1	20	40	60	80	1	20	40	60			
0				PEAT(PT)—dark brown —fibrous	Vs 15–20%													0
1		1																1
2		2		SILT(ML)—grey —sandy —trace of clay														2
3		3			Vs 10–15%													3
4																		4
5				SAND(SP)—medium brown —silty —fine grained —some gravel														5
6		4			Nbn													6
7																		7
8																		8
9		5			Nbn													9
10				Test Hole Ends at 30.0'.														10

N7701945 E582500 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
BH-7

BOREHOLE LOG AND LABORATORY TEST RESULTS

Source: Tuk Airstrip
0101-4575-8

DEPTH (ft)

☐ GRAB


 CORE
 CRREL BARREL

BOREHOLE
NUMBER
BH-8

BOREHOLE LOG AND LABORATORY TEST RESULTS

IA Granular Resources Inventory EBA 1973			Source: Tuk Airstrip 0101-4575-8									
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT		SPECIAL TESTS	UNIT	
TYP	NO.	Q										
0			PEAT(PT)-dark brown, fibrous, Vs 10-15%.								08	
1	1		SAND(SW)-med. brown -silty -fine grained -some gravel -well graded	Nf								
1	2			Nf								
2												
2												
3	3		-med. brown -fine to med. grained -trace of silt	Nbn								
4												
4												
4												
5												
6	4			Nbn								
7												
8												
9	5			Nbn								
10			Test Hole Ends at 30.0'.									

N7701837 E582537 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

GRAB
 CORE
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
BH-9

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
EBA 1973

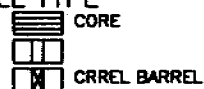
Source: Tuk Airstrip
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)	LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60	80		20	40	60	80			
0				PEAT-(PT)-dark brown, fibrous.														0
1		1			Vs 40-45%											265		
2				CLAY-(CL)-grey, high plasticity, silty, ice+														5
3		2			Vs 30-35%													10
4																		15
5				Test Hole Ends at 15.0'.														20
6																		25
7																		30
8																		
9																		
10																		

N7701775 E582653 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
BH-10

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
EBA 1973

Source: Tuk Airstrip
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q									
0			PEAT-(PT)-dark brown, fibrous								0
1		1	CLAY-(CL)-greyish brown, silty, medium plasticity, organic.	Vs 55-60%				238			1
2		2		Vs 55-60%							2
3		3		Vs 30-35%							3
4			GRAVEL-(GP)-greyish brown, sandy, some silt.								4
5											5
6		4		Nbn							6
7			SAND-(SP)-greyish brown, fine grained, trace of silt.								7
8											8
9		5		Nbn							9
10			Test Hole Ends at 30.0'.								10

N7701685 E582734 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
BH-11

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
EBA 1973

Source: Tuk Airstrip
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60		80	20	40			
0				PEAT-(PT)-dark brown, fibrous, Vs 15to20%											OB	0
1		1		GRAVEL-(GP)-medium brown, silty, some sand.	ICE	Vs 25-30%										
2		2														
3		3		SILT-(ML)-medium brown, some sand, clayey.	Nbn											
4				SAND-(SP)-medium brown, fine grained, trace of silt.												
5																
6		4			Nbn											
7																
8																
9		5														
10				Test Hole Ends at 30.0'.	Nbn											

N7701583 E582826 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
BH-12

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
EBA 1973

Source: Tuk Airstrip
0101-4575-8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT WATER CONTENT (%) LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
TYP	NO.	Q				20	40	60	80			
			PEAT-(PT)-medium brown, fibrous.									0
	1		SILT-(ML)-medium brown, some organics, some clay, trace of gravel.	Vs 30-35%							OB	
	2								112			
			SAND-(SP)-medium brown, silty, trace of gravel.									5
			-medium brown, fine grained, -trace of silt.	Nbn								10
				Nbn								15
				Nbn								20
				Nbn								25
				Nbn								30
			Test Hole Ends at 30.0'.									

N7701503 E582897 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
BH-13

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
EBA 1973

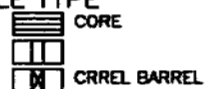
Source: Tuk Airstrip
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20			
0			PEAT-(PT)-dark brown, fibrous.													OB	0
1		1	SAND-(SP)-grey, trace of gravel, ice+	Vs 15-20%													
2																	5
3		2	-some organics	Nbn													10
4																	
5			-gravelly														15
6		3	-trace of clay	Nbn													20
7																	
8			-grey														25
9		4	-fine-grained.	Nbn													30
10			Test Hole Ends at 30.0'.														

N7701422 E582873 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
BH-14

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
EBA 1973

Source: Tuk Airstrip
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT-(PT)-dark brown, fibrous.																	0
1		1		Vs 20-25%																
2		2	SILT-(ML)-grey, organic.	Ice/soil																5
3		3		Ice/soil																10
4			CLAY-(CL)-grey, silty, medium plasticity																	
5																				15
6		4	GRAVEL-(GW)-grey, sandy.																	20
7				Nbn																25
8																				30
9																				
10			Test Hole Ends at 20.0																	

N7701435 E582959 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
BH-15

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
EBA 1973

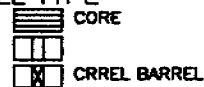
Source: Tuk Airstrip
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT-(PT)-dark brown, fibrous.																	0
1		1		Vs 30-35%																
2		2	SILT-(ML)-medium brown, sandy, trace of gravel.	Vs 30-35%															08	5
3		3	GRAVEL-(GP)-medium brown, sandy, some silt.	Nbn																10
4																				
5			SAND-(SP)-medium brown, fine grained, trace of silt.																	15
6		4		Nbn															3	20
7																				
8																				25
9		5		Nbn																30
10			Test Hole Ends at 30.0'.																	

N7701390 E582999 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
BH-16

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
EBA 1973

Source: Tuk Airstrip
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80				
0			PEAT-(PT)-dark brown, fibrous.														0
1		1		Ice/soil									28.2			OB	
2		2	SAND-(SP)-medium brown, some silt, trace of gravel, some clay.	Vs 30-35%													5
3		3		Vs 10-15%													10
4			SAND-(SP)-light brown, fine grained, trace of silt.														15
5																	20
6		4		Nbn													25
7																	30
8																	
9		5		Nbn													
10			Test Hole Ends at 30.0'.														

N7701288 E583091 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
BH-17

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
EBA 1973

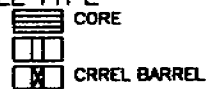
Source: Tuk Airstrip
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)		LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q										
0			PEAT(PT)—dark brown, fibrous									0
1	1		SILT(ML)—light brown, some clay, organic.	Vs 1to5 %							08	
2	2		GRAVEL(GP)—med. brown, sandy, some silt, poorly graded.	Nbn								5
3	3		SAND(SP)—medium brown, fine grained, some cobbles.	Nbn								10
4												15
5												20
6	4			Nbn								25
7												30
8												
9	5			Nbn								
10			Test Hole Ends at 30.0'.									

N7701198 E583173 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
BH-18

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
EBA 1973

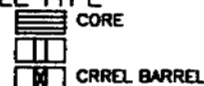
Source: Tuk Airstrip
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60		80					
0			PEAT-(PT)-dark brown, fibrous.												0
1		1		Vs 30-35%						43%					
2		2		Vs 30-35%						37%					5
3		3	SILT-(ML)-grey, organic.	Ice-Sl.Inc.											10
4			GRAVEL-(GP)-greyish brown, sandy.												15
5			SAND-(SP)-light brown, fine grained, trace of silt.												20
6		4		Nbn											25
7															30
8															
9		5		Nbn											
10			Test Hole Ends at 30.0'.												

N7701123 E583240 ZB
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
BH-19

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
EBA 1973

Source: Tuk Airstrip
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
TYP	NO. Q									
0		PEAT-(PT)-light brown, fibrous.								0
	1		Vs 15-20%				53			
1	2		VS 10-15%				22			
		CLAY-(CL)-grey, sandy, some silt.								5
2										
										10
3	3		VS 10-15%							
4										
		SAND-(SP)-light brown, fine grained, trace of silt.								15
5										
										20
6	4		Nbn							
7										
										25
8										
9	5		Nbn							30
		Test Hole Ends at 30'.								
10										

N7701039 E583315 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE
NUMBER
BH-20

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
EBA 1973

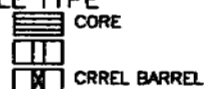
Source: Tuk Airstrip
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT(PT)—dark brown, fibrous.																	0
1		1	SILT(ML)—dark brown, peaty.	Ice													56			3
2		2		Ice w/inclu.													63			5
3		3																		10
4																				15
5			GRAVEL(GW)—medium brown, sandy, cobbles, Nbn.																2	20
6			Test Hole Ends at 15.0'																	25
7																				30
8																				
9																				
10																				

N7700994 E583356 Z8
Coordinates Estimated
Tuktoyaktuk, N.W.T.



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
BH-21

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory EBA 1973			Source: Tuk Airstrip 0101-4575-8										
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	
TYP	NO.	Q											
0			PEAT-(PT)-dark brown, fibrous.									0B	
1	1		SAND-(SM)-dark brown, some clay, some cobbles.	Vs 10-15%									
2	2			Vs 10-15%								4	
3	3		SAND-(SP)-medium brown, fine to medium grained, some silt.	Nbn									
4													
5													
6	4			Nbn								3	
7													
8													
9	5			Nbn									
10			Test Hole Ends at 30.0'.										

N7700998 E583450 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

GRAB
 CORE
 CORE BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
BH-22

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
EBA 1973

Source: Tuk Airstrip
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)	LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80		20	40	60	80			
0			PEAT-(PT)-dark brown, fibrous														0
1		1	SILT-(ML)-grey, some sand.	Vs 55-60%													1
2		2		Vs 55-60%													2
3		3	SILT-(ML)-medium brown, sandy, some clay.	Vs 10-15%													3
4																	4
5																	5
6		4	SAND-(SP)-medium brown, sandy, some silt.	Vs 10-15%													6
7																	7
8																	8
9		5		Nbn													9
10			Test Hole Ends at 30.0'.														10

N7700514 E583428 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE
NUMBER
BH-23

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #20
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60		80					
0			PEAT(PT)											OR	0
1		1	SAND(SM)-silty, gravelly	Vs											
2		2		Vs										4	5
3		3		Vs											10
4			ICE(I)-6 inch gravel lens at 12'											1	15
5			SAND(SM)-silty, pebbles												
6		4		Vs										4	20
7															
8		5		Vs											25
9															
10		6	Test Hole Ends at 30.0'	Vs											30

N7645740 E561480 Z8
Coordinates Estimated
Tuktoyaktuk, N.W.T.



SAMPLE TYPE
CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
20-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #20
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
		PEAT(PT)																	0
		CLAY(CL)-silty, sandy																	
		ICE(I)-some sand																	0.5
																			1
																			2
																			3
		SAND(SM)-silty, pebbles -6 inch gravel lens at 11'																	4
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																			100

N7645430 E561850 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



GRAB



CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
20-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #20
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT-(PT)																	0
1			CLAY-(CL)-silty, sandy, pebbles																OB	5
2																				
3			ICE-(I)-some gravel and sand																	10
4																				15
5			Test Hole Ends at 15.0'																	20
6																				25
7																				30
8																				
9																				
10																				

N7645720 E561800 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
20-3

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

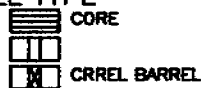
Source #20
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)			LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO. Q					20	40	60			
0		PEAT-(PT)									0B
		CLAY-(CL)-silty									
1		GRAVEL-(GW)-sandy									1
2		SANDY-(SM)-silty									4
3		ICE-(I)-some sand and gravel									
4											
5											
6											
7		ICE & GRAVEL-(I)-lenses									
8		Test Hole Ends at 26.0'									
9											
10											

N7645610 E561780 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
20-4

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

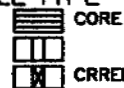
Source #20
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60	80	20	40	60	80	20	40	60	80			
0				PEAT-(PT)																	0
				CLAY-(CL)-silty																	
1				ICE-(I)																	
				CLAY-(CL)-silty																	5
2				ICE-(I)																	10
3				ICE and SOIL-(I)																	15
4																					20
5				Test Hole Ends at 15.0'																	25
6																					30
7																					
8																					
9																					
10																					

N7646660 E562380 Z8
Coordinates Estimated
Tuktoyaktuk, N.W.T.



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
20A-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

IA Granular Resources Inventory
Public Works Canada

Source #22
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT-(PT)																	0
1																				
2																				5
3			ICE-(I)-some clay																	10
4																				
5			CLAY-(CL)-silty, Vs																	15
6			Test Hole Ends at 15.0'																	20
7																				25
8																				30
9																				
10																				

N7644930 E563200 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE
CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
22-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #22
0101-4575-0

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
TYP	NO. Q									
		PEAT-(PT)								0
		ICE and CLAY-(I)								1
										2
										3
		ICE-(I)-layers of ice and clay lenses								4
										5
		CLAY-(CL)-silty, sandy								6
		Test Hole Ends at 15.0'								7
										8
										9
										10

N7645160 E563510 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

 GRAB
 CORE
 COREL BARREL

 CORE
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
22-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source 23
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO. Q								
DEPTH (m)	0	PEAT-(PT)							0
	1	ICE-(I)							
	2	CLAY-(CL)-silty -sandy -pebbles -low-medium plastic					11		
	3								
	4								
	5								
	6	GRAVEL-(GW)-sandy							
	7								
	8								
	9								
10	7	Test Hole Ends at 30.0'							

N7660590 E571190 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE
CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
23-1

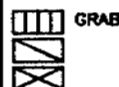
BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #23
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT-(PT)																PT	0
			CLAY-(CL)-silty -sandy																	
1			ICE and TILL-(I)																	
2																				5
3																				10
			CLAY-(CL)-silty -sandy -pebbles																	
4			ICE-(I)																	15
5																				
6			GRAVEL-(GW)-sandy																	20
			Test Hole Ends at 20.0'																	
7																				25
8																				
9																				30
10																				

N7660450 E571150 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE
CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
23-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source 23
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)	LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.				20	40	60	80		20	40	60	80			
0			PEAT-(PT)														0
1		1	ICE and SOIL-(I)	Ice & CL										17			5
2		2		Ice & CL										12		OB	10
3		3	CLAY-(CL)-silty	Vc-Vr													15
4		4	-sand	Vc-Vr													20
5		5	-pebbles														25
6		6	-medium plastic	Vc-Vr													30
7		7															35
8		8	GRAVEL-(GW)-sandy	Vc-Vr													40
9		9		Vc-Vr													45
10		10	SAND-(SM)-silty	Vc-Vr													50
11		11	-pebbles														55
12		12		Vc-Vr													60
13		13	GRAVEL-(GC)-sandy	Vc-Vr													65
14		14	-clayey														70
15		15		Vc-Vr													75
16		16	SAND-(SP)-gravelly	Vc-Vr													80
17		17															85
18		18		Vc-Vr													90
19		19	GRAVEL-(GW)-sandy	Vc-Vr													95
20		20	Test Hole Ends at 45.0'														100

N7660930 E571460 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE
 GRAB
 CORE
 CORE BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
23-3

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source 23
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO. 2								
		PEAT-(PT)							
	1	ICE and SOIL-(I)							08
	2	CLAY-(CL)-silty -sandy -pebbles							
	3	-low plastic							
	4	-gravelly							
	5	-pebbles							4
		-gravelly							
		Test Hole Ends at 27.0'							

N7660990 E571570 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

 GRAB
 CORE

 CORE
 CORE

 CORE
 CORE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
23-4

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source 23
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT WATER CONTENT (%) LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80			
0			PEAT --(PT)									0
1			ICE--(I)									5
2												
3			ICE AND SILT--(I)									10
4	1		SAND--(SM)--organic, silty	Vs								4
5	2		SILT--(ML)--sandy	Vs								15
6	3		SAND(SM)--gravelly, silty	VcVr								20
7												
8	4		CLAY--silty, sandy, pebbles	VcVr								25
9			Test Hole Ends at 27.0'									30
10												

N7660250 E570040 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
23A-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

LA Granular Resources Inventory
Public Works Canada

Source 23
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60					
0			PEAT--(PT)										0
1		1	CLAY--(CL)--silty, sandy, pebbles							19.7			
2		2											5
3		3										OB	10
4		4											15
5		5								18.2			20
6		6	GRAVEL--(GC)--sandy, clayey, silty										25
7		7								11.7		4	30
8		8											
9		9								23.0			
10			Test Hole Ends at 30.0'										

N7660700 E570500 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE
CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
23A-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source 23
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)	LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80		20	40	60	80			
0			PEAT-(PT)														0
1			ICE-(I)														1
2		1	CLAY-(CL)-sandy	Vs												OB	5
3			ICE-(I)														10
4		2	SAND-(SM)-gravelly, silty	VcVr												4	15
5		3		VcVr													20
6			ICE-(I)														25
7																	30
8																	
9																	
10			Test Hole Ends at 30.0'														

N7661200 E568060 Z8
Coordinates Estimated
Tuktoyakyuk, NWT



SAMPLE TYPE
CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
23A-3

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source 23
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT		SPECIAL TESTS	UNIT	DEPTH (ft)
TYP	NO.										
0											0
		PEAT-(PT)									
1		CLAY-(CL)-silty -sandy -pebbles									
2											5
3											
4		ICE-(I)-6 inch gravel lenses at 15'									10
5											
6											15
7											
8											20
9											
10		Test Hole Ends at 30.0'									25
											30

N7660700 E569660 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
23A-4

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source 23
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q									
0			PEAT-(PT)								0
			ICE-(I)								OB
1			SAND-(SW)-gravelly								1
2											
3			ICE-(I)								
4											
5			Test Hole Ends at 15.0'								
6											
7											
8											
9											
10											

N7660800 E508430 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE
CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
23A-5

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source 23
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)	LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80		20	40	60	80			
0			PEAT--(PT)														0
1		1	CLAY--(CL)--sandy -gravelly -low plastic	Vx													
2		2		Vx													5
3			ICE--(I)														10
4																	
5			SAND--(SP)--gravelly														15
6			GRAVEL--(GP)--sandy														20
7		3		VcVr													25
8		4		VcVr													30
9		5		VcVr													
10			Test Hole Ends at 30.0'.														

N7661300 E570140 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE
CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
23A-6

BOREHOLE LOG AND LABORATORY TEST RESULTS

IA Granular Resources Inventory
Public Works Canada

Source 23
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
TYP	NO. 0									
		PEAT-(PT)								0
	1	ICE and ORGANIC-(I)	Ice & OH				24		OB	1
	2	ICE and CLAY	Ice & CL				11		I	5
	3	SAND-(SC)-gravelly -silty -clayey							4	10
	3		Vc-Vr							
	4	CLAY-(CL)-silty -sandy -pebbles -low plastic							CL	15
	4		Vc-Vr							
	5	SAND-(SM)-silty								20
	5		Vc-Vr							
	6		Vc-Vr							25
	6		Vc-Vr							
	7		Vc-Vr							30
	7	Test Hole Ends at 30.0'	Vc-Vr							

N7660180 E570140 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

 GRAB
 CORE
 COREL BARREL

 CORE
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
23A-8

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #23
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.				Q	20	40	60	80	20	40	60	80	20	40	60			
0																	OB	0		
1																	3	5		
2																				
3																		10		
4																				
5																				
6																		20		
7																				
8																		25		
9																		30		
10																				

N7661480 E568130 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

GRAB

CORE

CORREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
23B-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source 23
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60		80					
0			GRAVEL-(GW)-sandy												0
1		1		Vc-Vr											
2		2		Vc-Vr											5
3		3		Vx											10
4		4		Vx											15
5		5		Vx											20
6		6		Vx											25
7			-lost circulation												30
8			Test Hole Ends at 26.0'												
9															
10															

N7661440 E568020 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE
CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
23B-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

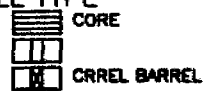
Source #23
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)			LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q					20	40	60				
0				PEAT--(PT)									GR	0
1				SAND--(SM)--silty --pebbles --Vc,Vr									4	
2													5	
3				ICE--(I)									10	
4				GRAVEL and ICE--(I)									15	
5				Test Hole Ends at 15.0'									20	
6													25	
7													30	
8														
9														
10														

N7662070 E566720 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
23B-3

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

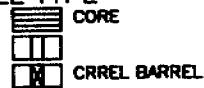
Source #23
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20			
0			PEAT-(PT)													OR	0
1		1	GRAVEL-(GW)-sandy	Vs												1	
2		2	SANDY-(SM)-silty -gravelly	Vs												4	5
3		3	-clayey	Vc-Vr													
4		4	GRAVEL-(GW)-sandy	Vc-Vr												2	10
5		5	Test Hole Ends at 15.0'	Vc-Vr													15
6																	20
7																	25
8																	30
9																	
10																	

N7661350 E566360 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
23C-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

IA Granular Resources Inventory
Public Works Canada

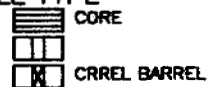
Source #23C
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				1	2	3	4	1	2	3	4	1	2	3	4			
0			PEAT-(PT)																	0
1		1	CLAY-(CL)-silty -sandy -gravelly -low plastic	Vs																1
2		2		Vx																2
3		3		Vc-Vr																3
4		4	GRAVEL-(GW)-sandy	Vc-Vr																4
5		5	Test Hole Ends at 15.0'	Vc-Vr																5
6																				6
7																				7
8																				8
9																				9
10																				10

N7661150 E566270 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
23C-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #23
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			GRAVEL-(GW)-sandy																	0
1		1		Vc-Vr																
2		2		Vc-Vr																5
3		3		Vc-Vr																10
4		4		Vc-Vr																15
5		5	Test Hole Ends at 15.0'	Vc-Vr																20
6																				25
7																				30
8																				
9																				
10																				

N7662120 E566940 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE
CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
23D-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #23
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO. Q								
0		PEAT-(PT)							0
1		CLAY-(CL)-silty -sandy -pebbles							
2									5
3									10
4									15
5		Test Hole Ends at 15.0'							20
6									25
7									30
8									
9									
10									

N7662160 E566990 Z8
Coordinates Estimated
Tuktoyaktuk, N.W.T.

SAMPLE TYPE

 GRAB
 CORE
 CORE BARREL

 GRAB
 CORE
 CORE BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
23D-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #23
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT--(PT)																	0
1			CLAY--(CL)--silty, --sandy --low plastic																	5
2																				10
3		1		Vc-Vr																15
4		2	SAND--(SC)--silty --clayey --gravelly	Vc-Vr																20
5		3		Vc-Vr																25
6			SAND--(SM)--silty																	30
7		4		Vs																35
8		5		Vs																40
9		6																		45
10			Test Hole Ends at 30.0'	Vs																50

N7661750 E566720 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
23D-3

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #23
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60		20	40	60			
0			PEAT--(PT)											OS	0
1			GRAVEL--(GW)--silty, sandy, Vs	Vs										4	
2			CLAY--(CL)--sandy, silty, pebbles, Vs, --very high ice content	Vs											5
3				Vs											10
4				Vs										CL	15
5				Vs								100			20
6				Vs											25
7			ICE--(I)	ice											30
8				ice											
9			Test Hole Ends at 30.0												
10															

N7651570 E563730 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
23E-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory Public Works Canada			Source #23 0101-4575-8									
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT		SPECIAL TESTS	UNIT	DEPTH (ft)	
TYP	NO. Q											
		PEAT-(PT)								OB	0	
		ICE-(I) and organics										
	1	GRAVEL-CLAY-SAND MIX-(GC)								4	5	
	2	SAND-SILTY CLAY-(CL)-pebbles, low plastic								CL	10	
	3	SAND-(SM)-silty								4	15	
	4											
	5											
	6	ICE-(I) and sand lenses								I	20	
	7											
	8	GRAVEL-(GM)-sandy, silty								4	25	
	9											
	10											
	11	ICE and SAND-(I)								I	30	
	12											
	13	Test Hole Ends at 42.0'.										
	14											
	15											
	16											
	17											
	18											
	19											
	20											

N7651120 E564050 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

GRAB
 CORE
 CORE BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
23E-3

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #23
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q									
0			PEAT-(PT)							OS	0
1		1	SAND-(SC)-silty, clayey,	Vc-Vr							4
2		2		Vc-Vr							5
3		3	CLAY-(CL)-silty, sandy	Vc-Vr							10
4		4		Vc-Vr							15
5		5	SAND-(SM)-silty, clayey	Vc-Vr							20
6		6	CLAY-(CL)-silty, sandy, pebbles, -medium plastic	Vc-Vr							25
7		7		Vc-Vr							30
8		8		Vc-Vr							
9			Test Hole Ends at 30.0'	Vc-Vr							
10											

N7649590 E565330 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
23F-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

IA Granular Resources Inventory
Public Works Canada

Source 24
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60					
0			PEAT-(PT)										0
1		1	CLAY-silty -sandy -pebbles -low plastic	Vs									
2		2		Vs									5
3		3		Vc-Vr								08	10
4		4		Vc-Vr									15
5		5	-gravelly	Vc-Vr									20
6			ICE-(I)										25
7													30
8			SAND-(SM)-silty -pebbles									4	
9		6		Vc-Vr									
10			Test Hole Ends at 30.0'										

N7669920 E604950 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
24-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source 24
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT WATER CONTENT (%) LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60			
0			PEAT-(PT)								0
1		1	CLAY-(CL)-silty	Vs		•					
			ICE-(I)								
2		2	PEAT-(PT)	Vs							5
			CLAY-(CL)-silty						18		
			-sandy								
			-low plastic								
			-gravelly					•			
			-pebbles								
3		3		Vs							10
4		4		Vs		•					10
5		5		Vs							15
						•					
6		6		Vs							20
						•					
7		7	GRAVEL-(GW)-sandy	Vs							25
						•					
8		8		Vs							30
			Test Hole Ends at 30.0'			•					

N7668810 E605760 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
24-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source 24
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO. Q								
0		PEAT-(PT)							0
1	1	CLAY-(CL)-silty -sandy -pebbles							
2		ICE-(I)							5
3	2	CLAY-(CL)-silty -pebbles -low plastic	Vc-Vr						OB
4	3		Vc-Vr						10
5	4	GRAVEL-(GW)-sandy, -silty	Vc-Vr						15
6	5	SAND-(SM)-silty -pebbles Rock Bit Used after 15.0'	Vs						4
7		-gravelly							20
8		GRAVEL-GW-sandy	Vs						2
9		SAND-(SM)-sandy -gravelly							25
10		Test Hole Ends at 30.0'	Vs						4
									30

N7668010 E605760 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
24-3

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source 24
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)	LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80		20	40	60	80			
0			PEAT-(PT)														0
1		1	CLAY-(CL)-silty, sandy, pebbles	Vs		•										OS	3
2		2	SAND-(SP)-pebbles	Vs		•											5
3		3	GRAVEL-sandy, silty	Vs		•											10
4		4	SAND-(SP)-gravelly, sandy, pebbles, fine-medium	Vx		•											15
5		5		Vx		•											20
6		6		Vx		•											25
7		7		Vx		•											30
8			END OF HOLE AT 30.0'														
9																	
10																	

N7668740 E605860 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
24-4

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source 24
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT WATER CONTENT (%) LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q									
0			PEAT-(PT)								0
1	III	1		Vs							
2	III	2	CLAY-(CL)-silty, sandy, gravelly	Vs							5
3	III	3		Vs							10
4											
5			ICE and SOIL-(I)								15
6	III	4		Vs							20
7			SAND-(SP)-fine								
8	III	5		Vs							25
9	III	6	GRAVEL-(GW)-sandy								30
10				Vs							
11	III	7		Vs							35
12	III	8		I							40
13			ICE-(I)								45
14			Test Hole Ends at 45.0'.								50
15											55
16											60
17											65
18											
19											
20											

N7668700 E605940 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
24-5

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory Public Works Canada			Source #24 0101-4575-8								
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT		SPECIAL TESTS	UNIT	DEPTH (m)
TYP	NO. Q										
		PEAT-(PT)									0
	1	CLAY-(CL)-silty, sandy	Vs								5
	2	SILT-(ML)-sandy, clayey	Vs								10
		ICE-(I)									15
	3	SAND(SM)-gravelly, silty	Vs								20
	4		Vs								25
	5		Vs								30
	6		Vs								35
	7		Vs								40
	8	-pebbles	Vs								45
	9		Vs								50
	10	SAND-(SM)-silty, pebbles	Vs								55
	11		Vs								60
	12		Vs								65
	13		Vs								70
	14		Vs								75
	15	Test Hole Ends at 45.0									80
	16										85
	17										90
	18										95
	19										100
	20										105

N7668590 E605970 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

GRAB
 CORE
 CORE BARREL

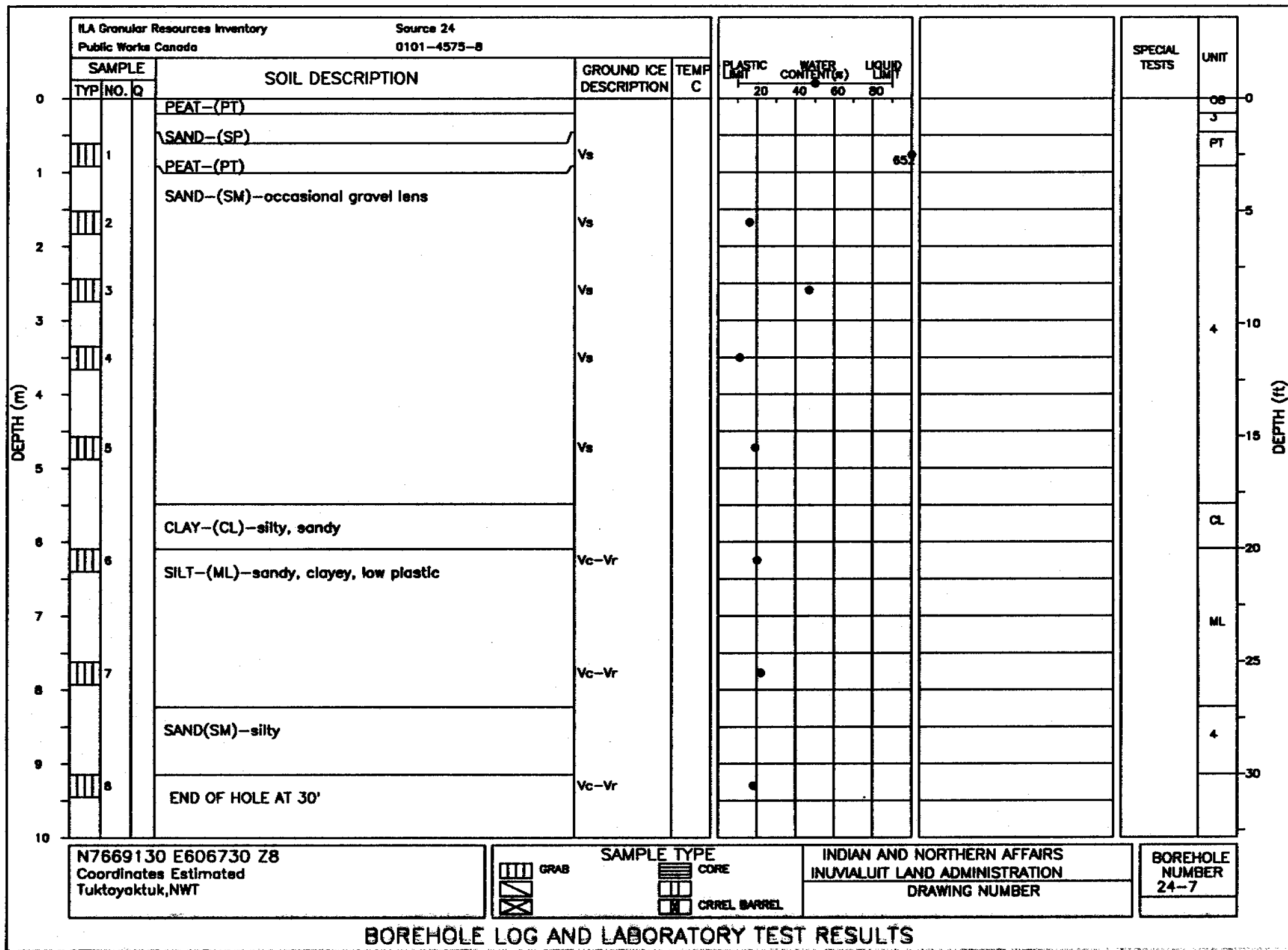
INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
24-6

BOREHOLE LOG AND LABORATORY TEST RESULTS

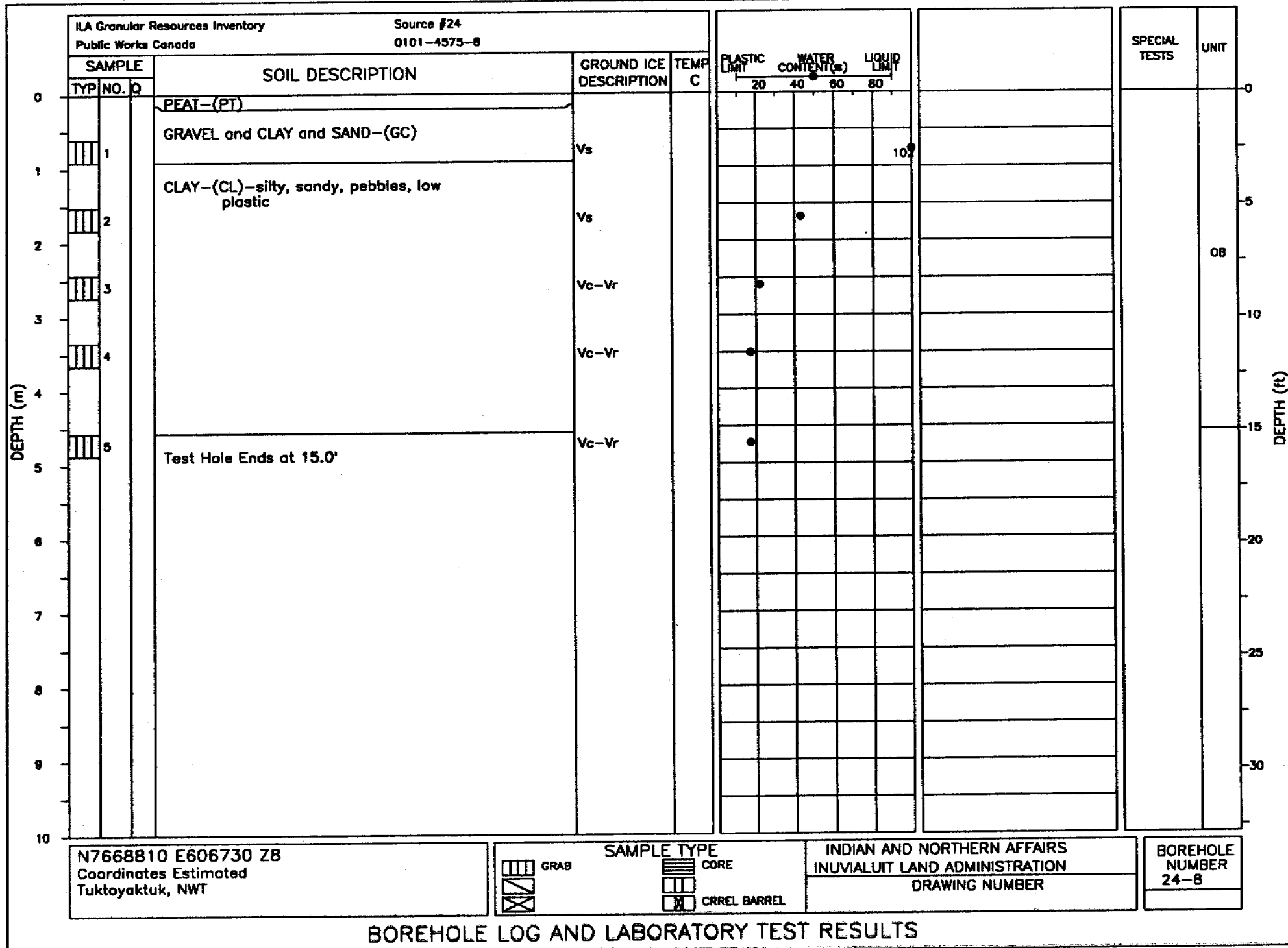
ILA Granular Resources Inventory
Public Works Canada

Source 24
0101-4575-8



ILA Granular Resources Inventory
Public Works Canada

Source #24
0101-4575-8



ILA Granular Resources Inventory
Public Works Canada

Source #24
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80				
0			CLAY-(CL)-silty, sandy, pebbles													0B	0
1		1		Vs													
2		2	GRAVEL-(GM)-sandy, silty	VcVs												4	5
3		3	CLAY-(CL)-silty, sandy	VcVs													
4		4	-pebbles	Vx												CL	10
5		5	-medium plastic	Vx													15
6			Test Hole Ends at 15.0'														20
7																	25
8																	30
9																	
10																	

N7668650 E600530 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE
 GRAB
 CORE
 CORREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
24-9

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

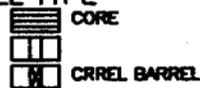
Source 24
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20			
0			PEAT-(PT)														0.0
1		1	SAND-(SP)-fine-medium pebbles	Vx													1.0
2		2		Vx													2.0
3		3	-caving	Vx													3.0
4		4		Vx													4.0
4			Test Hole Ends at 12.0'														12.0
5																	15.0
6																	18.0
7																	21.0
8																	24.0
9																	27.0
10																	30.0

N7668660 E600550 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
24-10

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #24
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
TYP	NO. Q									
		PEAT-(PT)								0
		SAND-(SM)-silty, pebbles								
	1									
	2									5
	3									
	4									10
		GRAVEL-(GW)-sandy								
	5									15
	6									
	7									20
	8									25
		Test Hole Ends at 30.0'								30

N7668230 E605270 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

 GRAB
 CORE
 COREL BARREL

 CORE
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
24-11

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #24
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT WATER CONTENT (%) LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60	80			
0				PEAT-(PT)									0
1				ICE and SOIL-(I)									
2													5
3				ICE-(I)									10
4													
5		1		GRAVEL-(GW)-sandy	Vc-Vr								15
6		2			Vc-Vr								20
7				SAND-(SW)-gravelly									
8		3		GRAVEL-(GW)-sandy	Vc-Vr								25
9													
10		4		Test Hole Ends at 30.0'	Vc-Vr								30

N7668360 E605230 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
24-13

BOREHOLE LOG AND LABORATORY TEST RESULTS

IA Granular Resources Inventory Public Works Canada				Source #24 0101-4575-8						SPECIAL TESTS	UNIT	
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT				
TYP	NO.	Q										
0			PEAT-(PT)								08	0
			SAND(SM)-silty, Vc-Vr									
1												
2												
3												
4												
5			Test Hole Ends at 15.0									
6												
7												
8												
9												
10												

N7668470 E605200 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

GRAB
 CORE
 CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
24-14

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #24
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT-(PT)																OB	0
1		1	SAND and GRAVEL-(GP)	Vc-Vr															3	
2		2	SAND-(SW)-gravelly	Vc-Vr															2	5
3		3	GRAVEL and SAND-(GP)	Vc-Vr															3	
4		4	SAND-(SM)-silty, pebbles	Vc-Vr															4	10
5		5	Test Hole Ends at 15.0'	Vc-Vr																15
6																				20
7																				25
8																				30
9																				
10																				

N7666860 E604460 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE
 GRAB
 CORE
 CORE BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
24A-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #24
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT-(PT)																	0
			CLAY-(CL)-silty, sandy																	
1			ICE-(I)																	
		1	CLAY-(CL)-silty, sandy	Vc-Vr															OB	5
2																				
		2		Vc-Vr																
3																				10
		3	GRAVEL-(GW)-sandy	Vc-Vr																
4																			1	15
		4		Vc-Vr																
5																				
		5	SAND-(SC)-gravelly, clayey	Vc-Vr															4	20
6																				
			Test Hole Ends at 21.0'																	
7																				
																				25
8																				
																				30
9																				
10																				

N7666810 E604570 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE
 GRAB
 CORE
 CORE BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
24A-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #24
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			GRAVEL-(GW)-sandy																	0
1		1		Vc-Vr																
2		2		Vc-Vr																5
3		3	SAND-(SW)-gravelly	Vc-Vr															1	
4		4	GRAVEL-(GW)-sandy	Vc-Vr																10
5		5	Test Hole Ends at 15.0	Vc-Vr																15
6																				20
7																				25
8																				30
9																				
10																				

N7666310 E604500 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE
 GRAB
 CORE
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
24A-3

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #24
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT-(PT)																	0
1			ICE and ORGANICS-(I)																	5
2			ICE and SAND-(I)																	10
3																				15
4			GRAVEL-(GM)-sandy, silty																	20
5			Test Hole Ends at 15.0'																	25
6																				30
7																				35
8																				40
9																				45
10																				50

N7666720 E604870 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE
NUMBER
24A-4

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

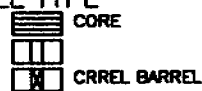
Source #24
0101-4575-8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO.	Q								
0			PEAT-(PT)							
1			CLAY-(CL)-silty, sandy, pebbles, Vs - Vc - Vr							
2										
3										
4										
5			GRAVEL-(GW)-sandy, Vc-Vr							
6			Test Hole Ends at 15.0'							
7										
8										
9										
10										

N7666140 E604460 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
24A-5

BOREHOLE LOG AND LABORATORY TEST RESULTS

Source 24
0101-4575-8

DEPTH (m)

☐ ☐ ☐ GRAB

 CORE
 CRREL BARREL

**BOREHOLE
NUMBER
24A-6**

BOREHOLE LOG AND LABORATORY TEST RESULTS

Source #24
0101-4575-8

DEPTH (m)

☐ ☐ ☐ GRAB

 CORE
 CRREL BARREL

**BOREHOLE
NUMBER
24A-7**

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source 24
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60		80					
0			PEAT--(PT)												0
1		1	ICE and ORGANIC--(I)	Ice & OH						48					5
2															
3		2	PEAT--(PT)	Vc--Vr						31					10
4		3	CLAY--sandy --silty --pebbles --gravelly --low plastic	Vc--Vr										OB	15
5		4		Vc--Vr											20
6		5		Vc--Vr											25
7															
8		6	GRAVEL and SAND and CLAY--(GC)	Vc--Vr										4	30
9		7		Vc--Vr											
10			Test Hole Ends at 30.0'												

N7662630 E566980 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE
NUMBER
24B-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #24
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
TYP	NO. Q									
0		PEAT-(PT)								0
1										
2		ICE and SOIL-(I)								5
3	1	CLAY-(CL)-silty -sandy -gravelly -medium plastic	Vc-Vr							10
4	2		Vc-Vr							15
5	3	GRAVEL-(GW)-sandy	Vc-Vr							20
6	4		Vc-Vr							25
7	5	SAND-(SM)-silty -pebbles	Vc-Vr							30
8	6		Vc-Vr							
9		Test Hole Ends at 30.0'	Vc-Vr							
10										

N7662160 E566830 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CORREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
248-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #25
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT
	TYP	NO.	Q				20	40	60	80	20	40	60	80	20	40	60	80		
0					PEAT-(PT)														0	
1					CLAY-(CL)-silty, sandy, low plastic														08	
2					SAND-(SW)-gravelly														2	
3					SAND-(SM)-silty, gravelly														10	
4																			4	
5					Test Hole Ends at 15.0'														15	
6																			20	
7																			25	
8																			30	
9																				
10																				

N7670310 E608500 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE
CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
25-7

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

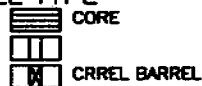
Source #25
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT			TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20				80					
0				PEAT--(PT)												0
1				CLAY--(CL)--silty, sandy											OB	1
2	1				Vs						16					2
3	2			GRAVEL--(GW)--sandy	Vs											3
4	3				Vs											4
5				ICE--(I)												5
6				GRAVEL--(GW)-- Vc--Vr												6
7				SAND--(SP)--pebbles, Vc--Vr												7
8	4				Vc--Vr											8
9				Test Hole Ends at 27.0'												9
10																10

N7670950 E609190 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
25-10

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

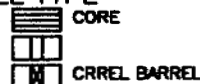
Source #25
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT WATER CONTENT (%) LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80			
0			PEAT-(PT)									0
1		1	CLAY-(CL)-sandy, silty, pebbles	Vs-Vc-Vr		•					OB	
2		2	GRAVEL-(GW)-sandy	Vs Vc-Vr		•					2	5
3		3	ICE-(I)	Ice		•					1	
4		4	GRAVEL-(GW)-sandy	Vc-Vr		•					1	10
5		5		Vc-Vr		•						15
6			ICE-(I)								1	20
7												
8		6	SAND-(SP)-gravelly			•					3	25
9												
10			Test Hole Ends at 30.0'									30

N7671030 E609280 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
25-11

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #25
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q									
0			PEAT-(PT)							OB	0
1			CLAY-(CL)-silty, sandy, gravelly							CL	
2			GRAVEL-(GM)-sandy, silty								
3											
4											
5											
6											
7											
8											
9											
10											

N7670920 E609200 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
25-12

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory Public Works Canada				Source #25 0101-4573-8						SPECIAL TESTS	UNIT
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT				
TYP	NO. Q										
0		PEAT-(PT)									0
	1	CLAY-(CL)-silty, sandy, pebbles	Vs								OB
1		SAND-(SM)-silty									
	2	-gravelly	Vs								4
2											
	3		Vs								
3		CLAY-(CL)sandy, silty, pebbles									10
	4		Vs								CL
4		-low plastic									
	5	Test Hole Ends at 15.0'	Vs								15
5											
6											20
7											25
8											30
9											
10											

N7671480 E608360 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

GRAB
 CORE
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
25-13

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #25
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60		20	40	60			
0				PEAT-(PT)												0
1		1		CLAY-(CL)-silty, sandy, pebbles	Vs										OB	
2		2		SAND-(SM)-silty	Vs											5
3		3		-gravelly	Vs										4	
4		4		CLAY-(CL)-sandy, silty, pebbles	Vs											10
5		5		-low plastic	Vs										CL	
6				Test Hole Ends at 15.0'												15
7																20
8																25
9																30
10																

N7671240 E608290 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE
CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
25-14

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #25
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				1	2	3	4	5	6	7	8	9			
0			PEAT-(PT)													OB	0
1		1	GRAVEL-(GP)-sand	Ice and OH		•										3	
2		2	ICE-(I)	Ice and OH									•			1	5
3		3	CLAY-(CL)-silty, sandy, low plastic	Vc-Vr to Vs		•											
4		4		Vc-Vr to Vs		•										CL	10
5		5	GRAVEL-(GW)-sandy	Vc-Vr to Vs		•											15
6		6		Vc-Vr to Vs		•										2	20
7		7	SAND-(SM)-gravelly, silty	Vc-Vr to Vs				•									25
8		8		Vc-Vr to Vs				•								4	
9			Test Hole Ends at 30.0'	Vc-Vr to Vs				•									30
10																	

N7671060 E608120 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
25-15

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

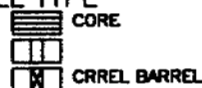
Source #25
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q									
0			PEAT-(PT)							OR	0
1	III	1	SAND-(SM)-silty, organic	Vs						4	5
2	III	2	CLAY-(CL)-silty, gravelly, sandy -low plastic, pebbles	Vs						CL	5
3	III	3		Vc-Vr							10
4	III	4	SAND-(SM)-silty, pebbles	Vc-Vr						4	15
5	III	5	-gravelly	Vc-Vr							20
6	III	6	SAND-(SP)-fine-medium	Vc-Vr						3	25
7	III	7	GRAVEL-(GW)-sandy	Vc-Vr							30
8	III	8								1	35
9	III	9									40
10	III	10								4	45
11	III	11	GRAVEL-(GM)-silty							ML	50
12			SILT-(ML)-clayey, sandy, non-plastic								55
13				41							60
14			Test Hole Ends at 45.0'								65

N7670920 E608110 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
25-16

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory Public Works Canada				Source #25 0101-4575-8						SPECIAL TESTS	UNIT
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT				
TYP	NO. Q										
0		PEAT-(PT)									0
1	1	PEAT and ORGANIC CLAY-(PT-OH)	Vs				62				
2	2		Vs								5
3	3	CLAY-silty, sandy, gravelly, medium plastic	Vs								
4	4		Vc-Vr								10
5	5		Vc-Vr								15
6	6	-pebbles	Vc-Vr								20
7	7		Vc-Vr								25
8		SAND-(SM)-silty									30
9											
10		Test Hole Ends at 30.0'									

N7670880 E608250 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

 GRAB
 CORE
 CORE BARREL

 CORE
 CORE BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
25-17

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #25
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q									
0			PEAT(PT)-Vx								0
1		1	CLAY(CL)-silty, sandy, pebbles	Vx		•				08	5
2			ICE and SOIL(I)								
3		2	SAND(SC)-clayey, gravelly, pebbles	Vs		•				4	10
4		3	-gravelly	Vs			•				
5		4	SAND(SM)-silty, gravelly	Vs				•			15
6			ICE(I)							1	20
7			GRAVEL(GW)-sandy								
8		5	ICE(I)	Vs		•					25
9			GRAVEL(GW)-sandy								
10		6		Vs		•				2	30
11		7		Vs			•				
12		8		Vs			•				35
13			GRAVEL-(GM)-silty							4	40
14		9	Test Hole Ends at 45.0'	Vs		•					45
15											50
16											55
17											60
18											65
19											
20											

N7671390 E608500 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
25-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory Public Works Canada				Source #25 0101-4575-8								
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
TYP	NO. Q											
0		PEAT (PT)										0
1	1	CLAY (CL) - sandy, silty, gravelly									OB	5
2	2	SAND (SC) - clayey, gravelly, silty										10
3	3											15
4	4	GRAVEL (GM) - sandy, silty										20
5	5											25
6		ICE (I)										30
7		SAND (SP) - fine										35
8	6		Vs									40
9	7		Vs									45
10	8		Vs									50
11	9		Vs									55
12		Test Hole Ends at 45.0'										60
13												65
14												70
15												75
16												80
17												85
18												90
19												95

N7671310 E608680 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

GRAB
 CORE
 CORE BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
25-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory Public Works Canada			Source 25 0101-4575-8										
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
TYP	NO.	Q											
0			CLAY(CL)-silty. sandy, pebbles, medium plastic	Vs								08	0
1				Vs								2	5
2			GRAVEL(GW)-sandy	Vs								4	10
3			GRAVEL(SM)-silty, gravelly	Vs									
4			GRAVEL(GW)-sandy	Vs									
5				Vs									
6				Vs									
7				Vs									
8				Vs									
9			ICE(I)										
10													
11													
12													
13													
14			Test Hole Ends at 45.0'										
15													
16													
17													
18													
19													
20													

N7671130 E608610 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE
☒ GRAB
☐ CORE
☐ CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
25-3

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #25
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT(Pt)																	0
1		1	CLAY(CL)-silty, sandy, gravelly	Vs															OB	3
2		2	-low plastic	Vs																5
3		3	GRAVEL(GW)-sandy	Vc-Vr																10
4		4		Vc-Vr																15
5		5		Vc-Vr																20
6		6		Vc-Vr																25
7		7		Vc-Vr																30
8			Hole caving.																	
9			Test Hole Ends at 30.0'																	
10																				

N7671040 E608340 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
25-4

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #25
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20				40				60						
0					GRAVEL-(GW)-sandy, loose, unfrozen															0	
1																				2	
					Hole caving.															5	
2					Test Hole Ends at 6.0																
3																				10	
4																					
5																				15	
6																				20	
7																				25	
8																					
9																				30	
10																					

N7671040 E608410 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE
NUMBER
25-5

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #25
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60		20	40	60			
0				PEAT (PT)												0
1	III	1		CLAY (CL) - silty, sandy - low-medium plastic	Vs								23		OB	5
2	III	2			Vs											
3	III	3		SAND (SC) - silty, clayey, pebbles, gravelly.	Vs										4	10
4	III	4			Vs											
5	III	5		GRAVEL (GW) - sandy	Vc-Vr											15
6	III	6			Vc-Vr										1	20
7	III	7			Vc-Vr											25
8	III	8		SAND (SM) - silty	Vs											30
9															4	35
10																40
11																45
12																50
13																55
14				Test Hole Ends at 42.0'												60
15																65
16																
17																
18																
19																
20																

N7670180 E608220 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE
NUMBER
25-6

BOREHOLE LOG AND LABORATORY TEST RESULTS

IA Granular Resources Inventory
Public Works Canada

Source #25
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60		80					
0			PEAT(P)												0
1		1	CLAY(CL)-silty, sandy, low plastic	Vs										OB	3
2		2		Vs											5
3		3	SAND(SW)-gravelly	Vs										2	10
4		4	SAND(SM)-silty, gravelly	Vs										4	15
5		5	Test Hole Ends at 15.0'	Vs											20
6															25
7															30
8															
9															
10															

N7670310 E608500 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
25-7

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

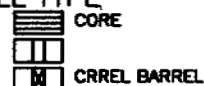
Source #25
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60	80	20	40	60	80	20	40	60	80			
0				PEAT-(PT)																	0
1				ICE and SOIL-(I)																	0.8
2																					5
3		1		SAND-(SM)-silty	Vs																4
4		2		GRAVEL-(GP)-sandy, some silt	Vs																10
5		3			Vs																15
6		4		SAND-(SW)-gravelly	Vs																20
7																					25
8		5		-silty, gravelly	Vs																30
9		6			Vs																
10				Test Hole Ends at 30.0'																	

N7671120 E608950 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
25-8

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #25
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT-(PT)																	0
			CLAY-(CL)-silty, sandy, Vs																	
1			ICE-(I)																	5
			CLAY-(CL)-silty, sandy, Vs																	
2																				
3																				10
			ICE-(I)																OB	
4																				15
5																				
6																				20
7																				
			GRAVEL-(GW)-sandy, Vs																2	25
8																				
			Test Hole Ends at 27.0'																	30
9																				
10																				

N7670360 E608740 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
25-9

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #26
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT-(PT)																	0
1			CLAY-(CL)-silty, sandy, pebbles, -Vc,Vr																	5
2																				10
3																				15
4			-gravel Lens , sandy 12'-13'																	20
5			Test Hole Ends at 15.0'																	25
6																				30
7																				35
8																				40
9																				45
10																				50

N7670880 E608250 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
26-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #26
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
TYP	NO. Q									
		PEAT-(PT)								0
	1	CLAY-(CL)-silty, sandy, pebbles, -medium plastic	Vc-Vr			60				1
	2		Vc-Vr			40				2
	3		Vc-Vr			30				3
	4		Vc-Vr			20				4
	5	Test Hole Ends at 15.0'	Vc-Vr			30				5
										6
										7
										8
										9
										10
										11
										12
										13
										14
										15
										16
										17
										18
										19
										20
										21
										22
										23
										24
										25
										26
										27
										28
										29
										30

N7675380 E584240 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE
NUMBER
26-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

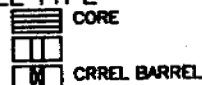
Source #26
0101-4575-8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
TYP	NO.	Q				20	40	60					
			PEAT										0
	1		CLAY-(CL)-silty, sandy, gravelly -pebbles	Vs									
	2		-medium plastic	Vs									5
	3			Vc-Vr									10
	4		GRAVEL-(GW)-sandy	Vc-Vr									15
	5			Vc-Vr									20
	6			Vc-Vr									25
			Test Hole Ends at 25.0'										30

N7675360 E584240 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
26-3

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

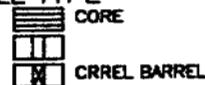
Source #26
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60		80					
0			PEAT-(PT)												0
1			SAND-(SM)-silty, gravelly												5
2															
3		1		Vs								24			10
4		2		Vs											
5		3		Vs								10			15
6		4		Vs											20
7															
8		5		Vs											25
9		6		Vs											30
10			Test Hole Ends at 30.0'									18			

N7675040 E584800 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
26-4

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #26
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT
	TYP	NO. Q				20		40		60		80		20		40			
0			PEAT-(PT)																0
1			CLAY-(CL)-silty, sandy, pebbles, Vs																5
2																			10
3			ICE-(I)																15
4																			20
5			ICE and SAND-(I)																25
6																			30
7																			35
8			SAND-(SM)-silty, pebbles, Vs																40
9																			45
10			Test Hole Ends at 30.0'																50

N7675070 E584890 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE	
 GRAB	 CORE
 CRREL BARREL	 CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
26-5

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #28
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20				40				60						
0				PEAT-(PT)																0	
1				ICE and SOIL-(I)																5	
2				ICE-(I)																10	
3																				15	
4																				20	
5																				25	
6																				30	
7																				35	
8																				40	
9																				45	
10																				50	

N7674950 E585030 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE
GRAB CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
26-6

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #26
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20			
0			PEAT-(PT)													08	0
1			SAND-(SM)-silty, pebbles, Vs													4	5
2			ICE-(I)														10
3																	
4			GRAVEL-SAND-SILT-(GM)														
5	1			Vs		•											15
6			SAND-(SM)-silty														
7	2			Vs			•									4	20
8																	
9	3			Vs			•										25
10																	
	4		Test Hole Ends at 30.0'	Vs			•										30

N7675180 E584590 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE
 GRAB
 CORE
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
26-7

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

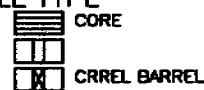
Source #26
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60	80	20	40	60	80	20	40	60	80			
0					PEAT-(PT)															0	
1					CLAY-(CL)-silty, sandy, pebbles, Vs															5	
2																					
3					ICE-(I)															10	
4					SAND-(SM)-silty, pebbles, Vs															15	
5					Test Hole Ends at 15.0'															20	
6																				25	
7																				30	
8																					
9																					
10																					

N7675180 E584500 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
26-9

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #26
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)			LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q					20	40	60	80			
0			PEAT-(PT)									OR	0
1		1	SAND-(SW)-gravelly	Vc-Vr		•							
2		2		Vc-Vr		•						2	5
3		3		Vc-Vr		•							
4		4	SAND-(SM)-silty	Vc-Vr		•						4	10
5		5		Vc-Vr		•							
6		6	CLAY-(CL)-silty, sandy, med. plastic	Vc-Vr			•						20
7		7		Vc-Vr			•					CL	25
8		8		Vc-Vr									
9			Test Hole Ends at 30.0'	Vc-Vr		•							30
10													

N7674330 E583360 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE
NUMBER
26A-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory Public Works Canada			Source #26 0101-4575-8						SPECIAL TESTS	UNIT
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			
TYP	NO. Q									
0		PEAT-(PT)								0
1	1	GRAVEL-(GW)-sandy	Vc-Vr							2
2	2	CLAY-(CL)-silty, gravelly sandy, -low plastic	Vc-Vr							5
3	3		Vc-Vr							10
4	4		Vc-Vr							15
5	5	Test Hole Ends at 15.0'	Vc-Vr							20
6										25
7										30
8										
9										
10										

N7474390 E583310 Z8 Coordinates Estimated Tuktoyaktuk, NWT		 GRAB  CORE  CRREL BARREL	SAMPLE TYPE INDIAN AND NORTHERN AFFAIRS INUVIALUIT LAND ADMINISTRATION DRAWING NUMBER	BOREHOLE NUMBER 26A-2
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BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

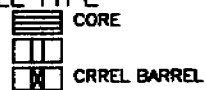
Source #26
0101-4575-8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			TESTS	UNIT	DEPTH (ft)
TYP	NO.	Q															
0			PEAT-(PT)													0	
			CLAY-(CL)-silty, sandy, pebbles -low plastic														
1																5	
2																	
		1		Vc-Vr											OB		
3																10	
		2		Vc-Vr													
4																15	
		3		Vc-Vr													
5			Test Hole Ends at 15.0'													20	
6																25	
7																30	
8																	
9																	
10																	

N7676840 E583870 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
26B-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

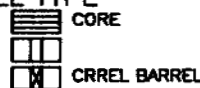
Source #26
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60	80	20	40	60	80	20	40	60	80			
0				PEAT-(PT)																	0
1				ICE and CLAY-(I)																	5
2				ICE and ORGANIC-(I)																	10
3				CLAY-(CL)-silty																	15
4				ICE and ORGANICS-(I)																	20
5				CLAY-(CL)-silty, few pebbles																	25
6																					30
7																					35
8																					40
9																					45
10																					50
				Test Hole Ends at 15.0'.																	

N7676930 E583960 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
26B-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #26
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
TYP	NO. Q									
0		PEAT-(PT)								0
		CLAY-(CL)-silty, sandy, pebbles -low plastic								
1										
	1		Vs							5
2										
	2		VcVr						OB	
3										10
	3		Vc-Vr							
4										
	4		Vc-Vr							15
5		SAND-(SP)-gravelly								
6										
	5		Vc-Vr						3	20
7										
	6		Vc-Vr							25
8		SAND-(SM)-silty								
9										
	7		Vc-Vr						4	30
10		Test Hole Ends at 30.0'								

N7676350 E584050 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE
 GRAB
 CORE
 CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
26B-3

BOREHOLE LOG AND LABORATORY TEST RESULTS

IA Granular Resources Inventory
Public Works Canada

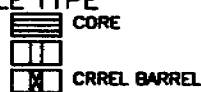
Source #27
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT WATER CONTENT (%) LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
TYP	NO. Q									
0		PEAT-(PT)								0
	1	CLAY-(CL)-silty, sandy	Vs							
1		ICE and SOIL-(I)								
	2	CLAY-(CL)-silty, sandy, -pebbles, medium plastic	Vx							5
2										
3										10
4										
5										15
6										
7										20
8										25
9										
10		Test Hole Ends at 30.0'	Vx							30

N7682500 E583900 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
27-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #27
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT-(PT)																	0
1			ICE-(I)																	5
2																				
3			CLAY-(CL)-silty, pebbles sandy																	10
4		1		Vs																
5		2	-low plastic	Vs																15
6																				
7		3		Vc-Vr																20
8		4		Vc-Vr																25
9																				
10		6	Test Hole Ends at 30.0'	Vc-Vr																30

N7682500 E584310 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
27-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

IA Granular Resources Inventory
Public Works Canada

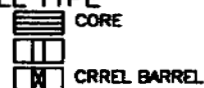
Source #27
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT		SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60		80				
0			PEAT(PT)										OB	0
1	III	1	SAND(SM)–silty, gravelly, pebbles	Vs									4	5
2	III	2		Vs										
3			ICE(I)										1	10
4	III	3	SAND(SM)–silty, gravelly	Vs									4	15
5			ICE(I)										1	20
6	III	4	SAND(SM)–silty	Vs										
7				Vs									4	25
8	III	5		Vs										
9	III	6	SAND(SP)–gravelly	Vs										
10				Vs										
11	III	7		Vs										
12	III	8	SAND(SM)–silty, pebbles	Vs									3	35
13				Vs										
14	III	9	SAND(SP)–fine	Vs										
15			Test Hole Ends at 45.0'											
16														
17														
18														
19														
20														

N7682430 E584210 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
27-3

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

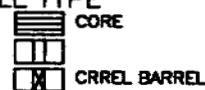
Source 27
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q									
0			PEAT (PT)							OR	0
1	III	1	SAND (SM) - gravelly, silty	Vc-Vr							
2	III	2	GRAVEL (GM) - sandy, silty	Vc-Vr							5
3	III	3	SAND (SM) - silty, gravelly	Vs							10
4	III	4		Vs						4	
5	III	5		Vs							15
6	III	6		Vs							20
7			GRAVEL (GW) - sandy	Vs							25
8	III	7								2	
9	III	8	SILT sandy, gravelly	Vs							30
10			SAND (SM) - silty	Vs						4	
11	III	9									35
12	III	10		Vs							40
13											
14	III	11	Test Hole Ends at 45.0'	Vs							45
15											50
16											55
17											60
18											65
19											
20											

N7682160 E584120 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
27-4

BOREHOLE LOG AND LABORATORY TEST RESULTS

IA Granular Resources Inventory
Public Works Canada

Source #27
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60		80					
0			PEAT(PT)												0
			ICE and PEAT(I)												
1			CLAY(CL)-silty, sandy												
2		1													5
3		2													10
4		3	-sandy -pebbles												15
5		4	-low plastic												20
6			Test Hole Ends at 15.0'												25
7															30
8															
9															
10															

N7682120 E584080 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE
CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
27-5

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #27
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)	
	TYP	NO. Q										
0			PEAT (PT)								0	
1			GRAVEL (GW) - sandy, loose								2	
2			Test Hole Ends at 6.0'								5	
3												10
4												15
5												20
6												25
7												30
8												
9												
10												

N7082090 E584190 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE	
 GRAB	 CORE
 CORE	 CORE
 CORE	 CORE

INDIAN AND NORTHERN AFFAIRS INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER 27-6

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #27
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q									
0			PEAT(PT)							CB	0
1			GRAVEL(GW)-sandy, loose							2	
2			Test Hole Ends at 4.0'								5
3											10
4											15
5											20
6											25
7											30
8											
9											
10											

N7082050 E584240 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
27-7

BOREHOLE LOG AND LABORATORY TEST RESULTS

IA Granular Resources Inventory
Public Works Canada

Source #27
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60			
0			PEAT (PT)							OB	0
1		1	SAND (SM) - gravelly, silty	Vc-Vr							
2		2		Vc-Vr						4	5
3		3		Vc-Vr							
4		4	CLAY (CL) - sandy, gravelly	Vc-Vr						CL	10
5		5	-low plastic	Vc-Vr							15
6			Test Hole Ends at 15.0'								20
7											25
8											30
9											
10											

N7682210 E584120 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE
CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
27-8

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #27
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT		SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q										
0			PEAT(PT)									0
1			CLAY(CL)-silty, sandy, pebbles, Vs									
2												
3			-Vc-Vr									
4												
5			Test Hole Ends at 15.0'									15
6												
7												
8												
9												
10												30

N7682190 E584060 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
27-9

BOREHOLE LOG AND LABORATORY TEST RESULTS

Source 27A
0101-4575-8

N7681400 E584050 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

GRAB

LE TYPE
 **CORE**

 CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
27A-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #27
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q									
0			PEAT-(PT)							OB	0
1	III	1	SAND-(SP)-Gravelly -fine to medium	Vs		•					
2	III	2		Vs		•				3	5
3	III	3		Vs		•					
4	III	4	-gravelly	Vc-Vr		•					10
5	III	5	GRAVEL-(GW)-sandy	Vc-Vr		•					15
6	III	6	SAND-(SW)-gravelly	Vc-Vr		•				2	20
7											
8	III	7	-pebbles	Vc-Vr		•					25
9	III	8		Vc-Vr		•				3	30
10			SAND-(SP)-pebbles, fine - medium								
11	III	9	GRAVEL-(GW)-sandy	Vc-Vr		•				2	35
12	III	10	GRAVEL-(GM)-silty	Vc-Vr		•					40
13										4	45
14	III	11	SAND-(SM)-silty	Vs		•					
15			Test Hole Ends at 45.0'								50
16											55
17											60
18											65
19											
20											

N7681310 E584120 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
27A-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source 27
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80				
0			PEAT-(PT)													GB	0
1		1	GRAVEL-(GW)-sandy	Vc-Vr		•										1	5
2		2		Vc-Vr		•											
3		3	SAND-(SW)-gravelly	Vc-Vr		•										2	10
4		4	SILT-(ML)-sandy, clayey	Vs		•										ML	
5		5		Vs		•											15
6			Test Hole Ends at 15.0'														20
7																	25
8																	30
9																	
10																	

N7681530 E584150 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CORREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE
NUMBER
27A-3

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

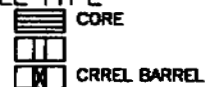
Source 27A
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC WATER LIQUID				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				LIMIT	CONTENT (%)	LIMIT	LIMIT			
0			PEAT-(PT)									0
1			ICE-(I)									5
2												
3												10
4			ICE and PEAT-(I)									15
5			Test Hole Ends at 15.0'									20
6												25
7												30
8												
9												
10												

N7681460 E584240 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
27A-4

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #27
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q																		
0				PEAT(PT)															0		
1				CLAY(CL)-silty, sandy, pebbles, Vc-Vr															5		
2																			10		
3																			15		
4																			20		
5				Test Hole Ends at 15.0'															25		
6																			30		
7																					
8																					
9																					
10																					

N7681550 E584050 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE	
	GRAB
	CORE
	CORREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
27A-5

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #27
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				1	20	40	60	80	1	20	40	60			
0			PEAT--(PT)													08	0
1	III	1	SAND--(SP)--fine	Vc-Vr		•											
2	III	2		Vc-Vr		•										3	5
3	III	3		Vc-Vr		•											
4	III	4	GRAVEL--(GW)--sandy	Vc-Vr		•											10
5	III	5	SAND--(SW)--fine, gravelly	Vc-Vr		•										2	15
6	III	6	GRAVEL--(GW)--sandy	Vc-Vr		•										1	20
7				Vc-Vr													
8	III	7		Vc-Vr		•											25
9	III	8	SAND--(SM)--silty	Vc-Vr			•										30
10				Vc-Vr													
11	III	9		Vc-Vr			•									4	35
12	III	10		Vc-Vr			•										40
13				Vc-Vr													
14	III	11	Test Hole Ends at 45.0'	Vc-Vr			•										45
15																	50
16																	55
17																	60
18																	65
19																	
20																	

N7681390 E564140 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE

CORREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE
NUMBER
27A-6

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #27
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT-(PT)																08	0
1		1	GRAVEL-(GW)-sandy	Vc-Vr															2	1
2		2	SAND-(SW)-gravelly	Vc-Vr															1	5
3		3	GRAVEL-(GW)-sandy	Vc-Vr																10
4		4		Vc-Vr																15
5		5		Vc-Vr															2	20
6		6		Vc-Vr																25
7		7		Vc-Vr																30
8		8		Vc-Vr																
9			Test Hole Ends at 30.0'	Vc-Vr																
10																				

N7681010 E584100 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
27A-7

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #27
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80				
0			PEAT(PT)													0	
1		1	CLAY(CL)—silty, sandy, pebbles	Vc—Vr													
2		2	—sandy, gravelly	Vc—Vr												OB 5	
3		3	—low plastic	Vc—Vr													
4		4	SAND(SC)—clayey, gravelly	Vc—Vr												4	
5		5	GRAVEL(GW)—sandy, silty	Vc—Vr												15	
6		6	—sandy	Vc—Vr												20	
7		7		Vc—Vr												25	
8		8		Vc—Vr												30	
9			Test Hole Ends at 30.0'	Vc—Vr													
10																	

N7680950 E584030 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE
NUMBER
27A-8

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #27
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO. Q								
0		PEAT-(PT)							GR
1	1	GRAVEL-(GW)-sandy							
2	2								2
3	3								
4	4								
4		Test Hole Ends at 12.0'							
5									
6									
7									
8									
9									
10									

N7680720 E583580 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
27B-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #27
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.									
0			PEAT-(PT)							OB	0
1			GRAVEL-(GP)-cobbles, boulders								4
2			Test Hole Ends at 6.0'.								5
3											
4											
5											
6											
7											
8											
9											
10											

N7680650 E583520 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE
CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
27B-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #27
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20			
0			PEAT-(PT)													OB	0
1		1	SAND-(SW)-gravelly	Vc-Vr		•										2	
2		2	CLAY-(CL)-silty, sandy	Vc-Vr			•										5
3		3	-pebbles	Vc-Vr				•								CL	
4		4	-low plastic	Vc-Vr					•								10
5		5	-gravelly	Vc-Vr						•							15
6		6	SAND-(SC)-clayey, gravelly, silty	Vc-Vr			•										20
7		7		Vc-Vr			•									4	25
8		8		Vc-Vr		•											30
9																	
10			Test Hole Ends at 30.0'	Vc-Vr			•										

N7880110 E583160 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE
CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
27C-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #27
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT			TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60		80	20	40			
0				PEAT-(PT)												0
1				CLAY-(CL)-sandy, pebbles	Vs											
2				-silty	Vs							11.5				5
3				-gravelly	Vs										OB	10
4				-low plastic	Vc-Vr											15
5				-pebbles	Vc-Vr											20
6				Test Hole Ends at 15.0'												25
7																30
8																
9																
10																

PEAT-(PT)

CLAY-(CL)-sandy, pebbles

-silty

-gravelly

-low plastic

-pebbles

Test Hole Ends at 15.0'

N7680000 E583020 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE
☐ GRAB
☐ CORE
☐ CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
27C-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

IA Granular Resources Inventory
Public Works Canada

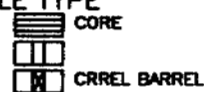
Source #28
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT-(PT)																	0
1		1	CLAY-(CL)-silty, sandy gravelly -low plastic	Vs																
2		2		Vs																5
3		3		Vc-Vr																10
4		4		Vc-Vr																15
5		5		Vc-Vr																20
6		6		Vc-Vr																25
7		7		Vc-Vr																30
8		8	SAND-(SM)-gravelly, silty																	
9			Test Hole Ends at 30.0'	Vs																
10																				

N7682770 E583440 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
28-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #28
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)	LIQUID LIMIT		SPECIAL TESTS	UNIT	DEPTH (ft)
	TYPE	NO.	Q				20	40	60	80		20	40			
0				PEAT-(PT)												0
1		1		CLAY-(CL)-silty, sandy	Vs								133			
2		2		-gravelly	Vc-Vr											5
3		3		-pebbles	Vc-Vr											10
4		4		-low plastic	Vc-Vr											15
5		5			Vc-Vr											20
6		6			Vc-Vr											25
7		7			Vc-Vr											30
8		8		SAND-(SM)-silty, gravelly	Vc-Vr											
9				Test Hole Ends at 30.0'	Vc-Vr											
10																

N7682770 E583310 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
28-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

IA Granular Resources Inventory
Public Works Canada

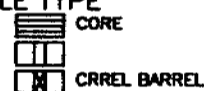
Source #28
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q									
0			PEAT(PT)							OB	0
1		1	SAND(SM)-silty, gravelly	Vc-Vr		•				4	
2		2	-pebbles	Vc-Vr		•				5	
3		3	CLAY(CL)-sandy, silty, pebbles, -low plastic	Vs			•			CL	10
4		4		Vs				•			
5		5	SAND(SP)-pebbles, fine-medium	Vc-Vr		•					15
6		6	SAND(SM)-silty, gravelly	Vc-Vr		•				3	20
7		7		Vc-Vr		•					25
8		8	CLAY(CL)-silty, sandy, pebbles	Vc-Vr		•				CL	30
9			Test Hole Ends at 30.0'								
10											

N7682560 E583480 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
28-3

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

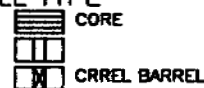
Source 28
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60		80					
0			PEAT(PT)												0
1			CLAY(CL)-silty, sandy, pebbles	Vs							17				
2				Vs											5
3			-medium plastic	Vc-Vr											10
4				Vc-Vr											15
5				Vc-Vr											20
6			SAND(SC)-silty, clayey	Vc-Vr											25
7				Vc-Vr											30
8				Vc-Vr											35
9			CLAY(CL)-silty, sandy, pebbles	Vc-Vr											40
10			Test Hole Ends at 30.0'	Vc-Vr											45

N7682480 E583310 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
28-4

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #28
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO. Q								
0		PEAT(PT)							0B 0
	1	SAND(SW)-gravelly							
1									
	2	SAND(SP)-fine, medium grained							2 5
2									
	3								
3									10
	4								
4		ICE(I)							15
5									
6									20
7									
8									25
9									
10		Test Hole Ends at 30.0'							30

N7682340 E582950 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
28-5

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Public Works Canada

Source #28
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20				40				60						
0					PEAT (PT)															0	
1					CLAY (CL) - silty, sandy, pebbles, Vs																
2																				5	
3					ICE (I) - occasional sand lens															10	
4																					
5																				15	
6																				20	
7																				25	
8																					
9					-some gravel after 28.0'															30	
10					Test Hole Ends at 30.0'																

N7682290 E582740 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
28-6

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory				Source #100											
RKL 1973, Tuktoyaktuk				0101-4575.8											
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT		SPECIAL TESTS	UNIT	DEPTH (m)	DEPTH (ft)		
TYP	NO.	Q													
0			SAND-(SP) - little gravel, med. to coarse, poorly graded, brown, water at 3.5'												
1	1		END OF PIT AT 3.5'												
2															
3															
4															
5															
6															
7															
8															
9															
10															

N7720000 E577800 Z8

Coordinates Estimated

Tuktoyaktuk, NWT

SAMPLE TYPE

 GRAB



 CORE

 COREL BARREL

INDIAN AND NORTHERN AFFAIRS

INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE NUMBER

T100-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Tuktoyaktuk

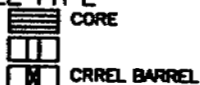
Source #101
0101-4575.8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO. Q								
0		SAND--(SP) - little gravel, med. to coarse, poorly graded, brown water at 4.5'							0
1	1								3
2		END OF PIT AT 4.5'							5
3									10
4									15
5									20
6									25
7									30
8									
9									
10									

N7713600 E576600 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
T101-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory RKL 1973, Tuktoyaktuk				Source #102 0101-4575.8										
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT WATER CONTENT (%) LIQUID LIMIT					SPECIAL TESTS	UNIT		
TYP	NO.	Q				20	40	60	80					
DEPTH (m) 0 1 2 3 4 5 6 7 8 9 10	1		SAND(SP)—little gravel, fine to coarse, poorly graded, brown										0	
			water level at 3.0'											3
			SILT(OL)—organic, black											GM
			END OF PIT AT 3.5'											5
														10
														15
														20
														25
														30

N7710400 E576500 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

 GRAB
 CORE
 CORE BARREL

 CORE
 CORE BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
T102-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory RKL 1873, Tuktoyaktuk			Source #103 0101-4575.8									
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT WATER CONTENT(%) LIQUID LIMIT					SPECIAL TESTS	UNIT	
TYP	NO. Q				20	40	60	80				
0	1	SAND-SP-little gravel, uniform med. sand, poorly graded, clean, brown									0	
1		END OF PIT AT 3.0'									3	
2												
3												
4												
5												
6												
7												
8												
9												
10												

N7710400 E576500 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

 GRAB
 CORE
 COREL BARREL

 CORE
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
T103-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory				Source #104											
RKL 1973, Tuktoyaktuk				0101-4575.8											
SAMPLE			SOIL DESCRIPTION			GROUND ICE DESCRIPTION		TEMP C		PLASTIC LIMIT		WATER CONTENT (%)		LIQUID LIMIT	
TYP	NO.	Q													
0	1		SAND(SP)—some gravel, max. 2 in., rounded to subangular, poorly graded												
1			END OF PIT AT 3.0'												
2															
3															
4															
5															
6															
7															
8															
9															
10															

N7707200 E572100 Z8

Coordinates Estimated

Tuktoyaktuk, NWT

SAMPLE TYPE

GRAB

CORE

CORE BARREL

CORE

CORE BARREL

INDIAN AND NORTHERN AFFAIRS

INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE NUMBER

T104-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory				Source #105-A									
RKL 1973, Tuktoyaktuk				0101-4575.8									
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT		SPECIAL TESTS	UNIT	DEPTH (m)	DEPTH (ft)
TYP	NO.	Q											
0	1		GRAVEL (GP) - some sand, trace silt, poorly graded, max 4.0 inch, angular to subrounded								3	0	
1			END OF PIT AT 2.5'										
2													
3													
4													
5													
6													
7													
8													
9													
10													

N7707200 E572100 Z8

Coordinates Estimated

Tuktoyaktuk, NWT

SAMPLE TYPE

 GRAB
 CORE
 COREL BARREL

 GRAB
 CORE
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS

INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE NUMBER

T105-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Tuktoyaktuk

Source #106
0101-4575.8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				1	2	3	4	1	2	3	4	1	2	3	4			
0					GRAVEL-(GW)-and sand, trace silt, well graded, max. 8 inch, rounded to subrounded															0	
1		1			- logged from exposure in stockpile															2	
2					END OF PIT AT 5.0'															5	
3																				10	
4																				15	
5																				20	
6																				25	
7																				30	
8																					
9																					
10																					

N7705500 E579600 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
T106-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Tuktoyaktuk

Source #111
0101-4575.8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60	80	20	40	60	80	20	40	60	80			
0																					0
1		1																		1	
2																					5
3																					10
4																					15
5																					20
6																					25
7																					30
8																					
9																					
10																					

N7699900 E571800 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE
NUMBER
T-111-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Tuktoyaktuk

Source #107
0101-4575.8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				TESTS	CORR
TYP	NO.	Q				20				40				60					
0	1		GRAVEL-(GW)-and sand, poorly graded, max. 2.5 inch flat gravel, brown															1	
1			END OF PIT AT 3.0'																
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

N7706600 E578200 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
T-107-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Tuktoyaktuk

Source #108
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
	TYP	NO. Q								
0	1		SAND-(SW)-and gravel, well graded, max. 1 inch, rounded to subangular							0
1										1
2										5
3										10
4										15
5										20
6										25
7										30
8										
9										
10										

N7705000 E576700 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
T-108-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

LA Granular Resources Inventory				Source #109									
RKL 1873, Tuktoyaktuk				0101-4575.8									
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT		SPECIAL TESTS	UNIT	DEPTH (ft)		
TYP	NO. Q												
0	1	GRAVEL-(GW)-some sand, well graded, rounded to subangular, max. 2 inch								1	0		
1		END OF PIT AT 2.0'									5		
2											10		
3											15		
4											20		
5											25		
6											30		
7													
8													
9													
10													

N7705050 E576750 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

 GRAB
 CORE
 COREL BARREL

 GRAB
 CORE
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
T-109-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Tuktoyaktuk

Source #109
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC WATER LIQUID			SPECIAL TESTS	UNIT	DEPTH (ft)	
	TYP	NO. Q				LIMIT	CONTENT (%)	LIMIT				
0	1		GRAVEL-(GW)-and sand, well graded, max 1.5 inch, rounded to subrounded, clean								0	
1												1
2												5
3												10
4												15
5												20
6												25
7												30
8												
9												
10												

N7705000 E576700 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE
CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
T-109-B

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1873, Tuktoyaktuk

Source # 109
0101-4575.8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC WATER LIQUID				SPECIAL TESTS	UNIT
TYP	NO. Q				LIMIT	CONTENT (%)	LIMIT	LIMIT		
0		GRAVEL-(GW)-and sand, well graded, max. 1.5 inch, rounded to subrounded.								0
1	1									1
2		End of Pit at 4.0'								5
3										10
4										15
5										20
6										25
7										30
8										
9										
10										

N7704400 E576400 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE
CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
T-109-C

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Tuktoyaktuk

Source #110
0101-4575.8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO. Q								
0	1	SAND--(SP)--fine, uniform, clean, brown							3
1		End of Pit at 2.5'							
2									
3									
4									
5									
6									
7									
8									
9									
10									

N7700000 E572900 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

 GRAB
 CORE
 CORREL BARREL

SAMPLE TYPE
CORE
CORREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
T-110-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Tuktoyaktuk

Source #112
0101-4575.8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	
TYP	NO. Q									
0	1	GRAVEL-(GW)-and sand, stratified, well graded, max 2 inch, clean							1	
1		End of Pit at 4.0'								
2										
3										
4										
5										
6										
7										
8										
9										
10										

N7698900 E571800 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE	
☐ GRAB	☐ CORE
☐	☐
☐	☐ CORREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
T-112-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory RKL 1973, Tuktoyaktuk			Source #113 0101-4575.8									
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT		SPECIAL TESTS	UNIT	
TYP	NO.	Q										
0	1		SILT-(OL)-organic, roots, grass etc								0B	
			SAND-(SP)-fine, uniform, clean									
			GRAVEL-(GP)-some sand, max. 3 in rounded to subrounded, poorly graded									
			End of Pit at 4.0'									
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												

N7687100 E597500 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

 GRAB
 CORE
 COREL BARREL

 GRAB
 CORE
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
T-113-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Zone 1

Source 150
0101-4575.8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	
TYP	NO. Q									
0	1	SAND (SP) - some gravel, 1.5 inch max., clean, gap-graded, unfrozen			20	40	60	80		3
1		END OF PIT 2.0 feet								
2										
3										
4										
5										
6										
7										
8										
9										
10										

N7723400 E578900 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
150-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Zone 1

Source #151
0101-4575.8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO. Q								
0		GRAVEL (GW) - some sand, max. 6 inches well-graded, rounded to sub-rounded - bank face logged in field							0
1	1								1
2									2
3		END OF PIT 8.0 feet							3
4									4
5									5
6									6
7									7
8									8
9									9
10									10

N7717600 E??1200 Z
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
151-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Zone 1

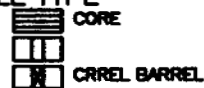
Source #152
0101-4575.8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (m)	DEPTH (ft)
TYP	NO.	Q				20	40	60	80	20	40	60	80	20	40	60	80				
1			SAND (SP) - trace silt, very fine, poorly-graded																3	0	
			END OF PIT 2.0 feet																	1	3
																				2	6
																				3	9
																				4	12
																				5	15
																				6	18
																				7	21
																				8	24
																				9	27
																				10	30

N7794200 E??4600 Z
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
152-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Zone 1

Source #153
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20			
0		1	GRAVEL - (GW) some sand, trace silt, well-graded, maximum 2in, rounded to sub-rounded, alkali coated													1	0
1			END OF PIT AT 2.0'														5
2																	10
3																	15
4																	20
5																	25
6																	30
7																	
8																	
9																	
10																	

N7794200 E??4600 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE
 GRAB
 CORE
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
153-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory RGL 1973, Zone 1				Source #154 0101-4575.8								
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC WATER LIQUID LIMIT CONTENT (%) LIMIT					SPECIAL TESTS	UNIT
TYP	NO.	Q				20	40	60	80			
0	1		SAND-(SP)- trace silt, fine to medium									
1												
2												
3												
4												
5												
6												
7												
8												
9												
10			END OF PIT AT 4.0'									

N7693500 E606500 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

GRAB

 CORE

 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE NUMBER
154-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

Source #154
0101-4575.8

DEPTH (ft)

GRAB

 CORE
 CRREL BARREL

**BOREHOLE
NUMBER
154-B**

BOREHOLE LOG AND LABORATORY TEST RESULTS

BOREHOLE LOG AND LABORATORY TEST RESULTS

BOREHOLE NUMBER 155-1		INDIAN AND NORTHERN AFFAIRS INNUALUT LAND ADMINISTRATION DRAWING NUMBER		SAMPLE TYPE CORE CIRCL BARREL		GRAB CORE CIRCL BARREL		Coordinates Estimated N7672850 E551800 Z8 Tukttoyaktuk, NWT	
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ILA Gravel Resources Inventory
Hardy 1986

Source 155

0101-4575-B

SAMPLE	TYPE	NO.
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SOIL DESCRIPTION

TEMP	DESCRIPTION

Material	Water Content (s)
PLASTIC	20
WOOD	60
LIMESTONE	80

SPECIAL TESTS

END

3

DEPTH (m)

DL

ILA Granular Resources Inventory				Source 155													
Hardy 1985				0101-4575-8													
SAMPLE		SOIL DESCRIPTION		GROUND ICE DESCRIPTION		TEMP C		PLASTIC LIMIT		WATER CONTENT (%)		LIQUID LIMIT				SPECIAL TESTS	
TYP	NO. Q																
0		PEAT-(PT)-organic material and organic soil. brown. damp															
	1	SAND-(SM)-with some gravel, silty, loose to compact, brown, occasional cobbles and boulders, damp to moist.															
	2																
1		SAND-(SM)-fine grained, trace of gravel, silty. brown. moist															
2		SAND-(SP) and GRAVEL-silty, compact, brown -moist to wet															
3		-frozen sand and gravel, silty, ice bonded, no visible ice, (permafrost)															
4		Test Pit Ends at 0.95 m															
5																	
6																	
7																	
8																	
9																	
10																	

N7672300 E550950 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

 GRAB

 CORE

 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
155-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

IA Granular Resources Inventory
Hardy 1986

Source #155
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)			LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO. Q					20	40	60	80		
0		PEAT-(PT)-organic material, brown, damp									OB 0
	1	SAND-(SM)-silty, clayey, with trace gravel -well rounded, firm/compact, low plastic, rusty brown, root fibres, moist	Permafrost								4
1											3
		SAND-(SP)-some gravel, well rounded, trace to no silt, compact, brown, moist									
2											
		-frozen sand, ice bonded (permafrost)									
3		Test Pit Ends at 0.80 m									
4											
5											
6											
7											
8											
9											
10											

N7669600 E555500 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE
☐ GRAB ☐ CORE
☒ CORREL BARREL ☐

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
155-4

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy 1986

Source #155
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20				40				60						
0																				0	
1																				2	
2																				5	
3																				10	
4																				15	
5																				20	
6																				25	
7																				30	
8																					
9																					
10																					

N7673000 E554600 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE
☐ GRAB ☐ CORE
☐ CRREL BARREL ☐

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
155-5

BOREHOLE LOG AND LABORATORY TEST RESULTS

Source #155
0101-4575.8

DEPTH (ft)

**BOREHOLE
NUMBER
155-B**

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #156
0101-4575.8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT
TYP	NO.	Q				20	40	60	80	20	40	60	80	20	40	60	80		
																			3
0																			0
1																			
																			5
2																			
3																			10
4																			
																			15
5																			
6																			20
7																			
																			25
8																			
9																			30
10																			

N7700200 E572200 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE
NUMBER
156-AP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #156
0101-4575.8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC WATER LIQUID				SPECIAL TESTS	UNIT	
TYP	NO.	Q				LIMIT	CONTENT (%)	LIMIT	LIMIT			
							20	40	60	80		
0				SAND--(SP)--medium grained, and subrounded to rounded gravel to 2in size. --medium grained, damp, no gravel.								3
1				Test Pit Ends at 2.0'.								
2												
3												
4												
5												
6												
7												
8												
9												
10												

N7701000 E572700 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE
NUMBER
156-BP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #156
0101-4575.8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)			LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
TYP	NO.	Q					20	40	60				
			GRAVEL-(GW)-to 2 inch size, fine to medium sand, subrounded.										0
			SAND-(SP)-fine to medium grained, some subrounded gravel to 2in size, interlayered with 6in thick strata of fine to medium sand. water at 3.0' depth.										3
			Bottom of Pit at 3.0'										5
													10
													15
													20
													25
													30
													35
													40
													45
													50
													55
													60
													65
													70
													75
													80
													85
													90
													95
													100

N7704000 E576000 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE	
 GRAB	 CORE
 CORE	 CORE
 CORE	 CORE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
156-CP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #157
0101-4575.8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)			LIQUID LIMIT	SPECIAL TESTS	UNIT				
TYP	NO. Q					20	40	60				80			
1	Q	SAND-(SP)-fine to medium grained, trace rounded gravel to .375 in size, gravel to 3in size on surface, 1 in thick coarse sand layer from 0.9-1.0' depth. - fine to medium grained, uniform - wet, frozen at 4.0' depth Bottom of Pit at 4.0'.									3				

DEPTH (m)

0

1

2

3

4

5

6

7

8

9

10

DEPTH (ft)

0

3

5

10

15

20

25

30

N7725500 E579400 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

☐ GRAB
☐
☐

SAMPLE TYPE
☐ CORE
☐ CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
157-BP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #157
0101-4575.8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60	80	20	40	60	80	20	40	60	80			
0																					0
1																				3	
2																				PT	
3																				3	
4																					5
5																					
6																					
7																					
8																					
9																					
10																					

N7708500 E579600 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
157-CP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #157
0101-4575.8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO.	Q								
0			SAND-(SP)-medium to coarse grained, little subrounded to rounded gravel to .5 inch size. stratified, gravel to 3in size on surface. medium grained, uniform. medium grained, little subrounded to rounded gravel to 2 in size, uniform.							3
1										
2										
			Bottom of Pit at 6.0'							
3										
4										
5										
6										
7										
8										
9										
10										

N7712400 E578300 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE
CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
157-AE

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #159
0101-4575.8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60	80	20	40	60	80	20	40	60	80			
0				PEAT-(PT)-black roots																08	0
				ORGANIC SILT-(OL)-black																3	
1				SAND(SP)-fine grained, light brown																	
				GRAVEL-(GW)-well graded, to 4 inch cobble size, and fine to coarse sand, trace silty fines, angular to subrounded, dark brown with occasional rust-brown and black patches																1	5
2																					
3				Bottom of Pit at 8.0'.																	
4																					
5																					
6																					
7																					
8																					
9																					
10																					

N7707500 E580400 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CORREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
159-AE

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #159
0101-4575.8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60	80	20	40	60	80	20	40	60	80			
0				PEAT-(PT)-dark brown																OB	0
				SILT-(ML)-low plastic, light brown, dry																1	
1		1		GRAVEL-(GW)-well graded, to 2 inch size, some fine to coarse sand, angular.																3	5
2				SAND-(SP)-fine to medium grained. -some angular to subrounded gravel to 3 inch size.																	
				Test Pit Ends at 7.0'																	
3																					10
4																					15
5																					
6																					20
7																					25
8																					
9																					30
10																					

N7707500 E580100 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
159-CE

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #159
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT-(PT)-dark brown, roots															0		
1			GRAVEL-(GP)-to 2.5 in size, some fine to coarse sand														3			
2			SAND-(SW)-well graded														1	5		
3			Test Pit Ends at 6.5'.															10		
4																		15		
5																		20		
6																		25		
7																		30		
8																				
9																				
10																				

N7708100 E578600 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
159-EE

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #159
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT-(PT)-gravel to 8in size on surface																OB	0
			ORGANIC SILT-(QL)-black																1	
1			GRAVEL-(GW)-well graded, to 4 inch cobble size, some fine to coarse sand, trace silty fines																3	
			SAND-(SP)-fine to medium grained																	5
2			Test Pit ends at 4.0'																	
3																				10
4																				15
5																				
6																				20
7																				25
8																				
9																				30
10																				

N7707500 E578800 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
159-GP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #159
0101-4575.8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				TESTS	DEPTH (ft)
TYP	NO.	Q				20	40	60	80	20	40	60	80	20	40	60	80		
0			ORGANIC SILT-(OL)-trace subrounded gravel to 6 inch size, roots, dark grey.														0		
1	1		GRAVEL-(GP)-graded to 6 inch size, some fine to coarse sand, occasional silty pockets, brown with occasional rust-brown patches														1		
2			Test Pit Ends at 7.5'														5		
3																		10	
4																		15	
5																		20	
6																		25	
7																		30	
8																			
9																			
10																			

DEPTH (m)

DEPTH (ft)

SAMPLE TYPE

INDIAN AND NORTHERN AFFAIRS

BOREHOLE

N7706000 E579200 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
159-HE

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #160
0101-4575.8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
TYP	NO. Q									
0		GRAVEL-(GW)-well graded, to 3in size, some fine to coarse sand, trace silty fines, occasional cobble to 6 inch size, angular to rounded, rust-brown. -to 2in size, fine to coarse sand, trace silty fines, angular to rounded.							1	0
1										5
2		Test Pit Ends at 4.6'								10
3										15
4										20
5										25
6										30
7										
8										
9										
10										

N7704000 E581600 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
160-AP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory Hardy Assoc. 1977				Source #180 0101-4575.8								SPECIAL TESTS		UNIT		
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT								
TYP	NO.	Q														
0			SILT-(ML)-and gravel to 1in size, trace sand, low plastic.												00	0
			SAND-(SP)-fine grained, some gravel to 1 inch size -medium grained, trace subangular to subrounded gravel to .5 inch size, brown. - frozen at 3.6' depth												3	
1																5
2			Test Pit Ends at 3.6'.													10
3																15
4																20
5																25
6																30
7																
8																
9																
10																

N7705000 E582400 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

 GRAB

 CORE

 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
160-BP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #161
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			SILT-(ML)-some gravel, low plastic.																08	0
1			GRAVEL-(GW)-well graded, to 4in cobble size, some fine to coarse sand, trace silty fines, angular to rounded, occasional rust-brown patches																1	
2			SAND-(SP)-fine to medium grained, trace gravel to 1 inch size																5	5
3			Test Pit Ends at 5.0'																	
4																				10
5																				15
6																				20
7																				25
8																				
9																				30
10																				

N7709000 E583300 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
161-AE

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #161
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT-(PT)-low plastic																OB	0
			SILT-(ML)-low plastic																2	
1			SAND-(SM)-well graded, and subangular to subrounded gravel to 3 inch size, some silty fines.																	5
2			SAND-(SP)-fine to medium grained, light brown, occasional dark grey silt layers																3	
3																				10
4			Pit Ends at 12.0'.																	15
5																				20
6																				25
7																				30
8																				
9																				
10																				

N7702300 E583000 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
161-CE

BOREHOLE LOG AND LABORATORY TEST RESULTS

IA Granular Resources Inventory
Hardy Assoc. 1977

Source #161
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			GRAVEL-(GW)-well graded, to 4in cobble size, some silty sand, sub-angular to rounded.														1	0		
1			SAND-(SW)-well graded, trace subrounded gravel to .5 inch size														4	5		
2			SAND-(SM)-fine to medium grained, silty. -moist															10		
3			Test Pit Ends at 4.1'.															15		
4																		20		
5																		25		
6																		30		
7																				
8																				
9																				
10																				

N7702300 E582200 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
161-DP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory Hardy Assoc. 1977				Source #162 0101-4575.8									
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT WATER CONTENT (%) LIQUID LIMIT					SPECIAL TESTS	UNIT	
TYP	NO.	Q				20	40	60	80				
0	1		GRAVEL--(GW)--well graded, to 3 inch size, fine to coarse sand, trace silty fines, occasional boulders on surface.									2	0
			Water level at 1.0 depth										
			Test Pit ends at 1.0'.										
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													

N7706500 E579000 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

GRAB
 CORE
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
162-AP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #162
0101-4575.8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)			LIQUID LIMIT	SPECIAL TESTS	UNIT	
TYP	NO.	Q					20	40	60				80
0			SAND (SP)—fine to medium grained, angular to rounded gravel to 2in boulder size on seaward surface, sub-rounded to rounded gravel to 2.5in size on leeward surface. —Water level at 1.0' depth. Test Pit Ends at 1.0'.									3	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													

N7706300 E579100 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
162-8P

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory Hardy Assoc. 1977				Source #182 0101-4575.8										
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)				LIQUID LIMIT	SPECIAL TESTS	UNIT	
TYP	NO.	Q					20	40	60	80				
0			GRAVEL (GW)—to 1.5 inch size, and fine to coarse sand, angular to rounded. — Water level at 1.0' depth										3	0
1			Test Pit Ends at 1.0'.											
2														
3														
4														
5														
6														
7														
8														
9														
10														

N7706100 E579200 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

GRAB
 CORE
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
162-CP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #162
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0		1	GRAVEL (GW)—well graded, to 3in size, and fine to coarse sand, occasional boulders to 2' size —Water level at 0.5' depth																1	0
1			Test Pit Ends at 1.0'.																	5
2																				10
3																				15
4																				20
5																				25
6																				30
7																				35
8																				40
9																				45
10																				50

N7706100 E579200 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
162-DP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

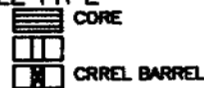
Source 162
0101-4575.8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT
	TYP	NO.	Q				20	40	60	80	20	40	60	80	20	40	60	80		
0					GRAVEL (GM)—to 2in size, some silty fines, trace sand, angular to sub-rounded gravel to 5in. cobble size on surface. —Water level at 2.0' depth														3	0
1																				
2																				5
3																				10
4																				
5																				
6																				20
7																				
8																				
9																				25
10																				30

N7705900 E580200 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
162-EP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #162
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20				40				60						
0			SAND (SW) - well graded, trace fine gravel to .25 inch size. - Water level at 1.0' depth															0		
1			Test Pit Ends at 1.0'.															5		
2																		10		
3																		15		
4																		20		
5																		25		
6																		30		
7																				
8																				
9																				
10																				

N7705600 E580200 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
162-FP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

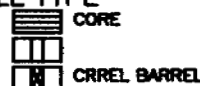
Source #162
0101-4575.8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)	LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60	80		20	40	60	80			
0	III	1.		GRAVEL (GP)—poorly graded, to 16in. cobble size, trace sand. —Water level at 1.0' depth													3	0
1				Test Pit Ends at 1.0'.														
2																		5
3																		10
4																		15
5																		20
6																		25
7																		30
8																		
9																		
10																		

N7705200 E579700 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
162-GP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #162
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0	III	1	GRAVEL (GW)—well graded, to 2in size, some some fine to coarse sand, angular to rounded, cobbles to 8in size on surface. —water level at 1.0'.															0		
1																		5		
2																		10		
3																		15		
4																		20		
5																		25		
6																		30		
7																				
8																				
9																				
10																				

N7703500 E576700 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
162-HP

BOREHOLE LOG AND LABORATORY TEST RESULTS

RA Granular Resources Inventory Hardy Assoc. 1977				Source 182 0101-4575.8																			
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT WATER CONTENT (%) LIQUID LIMIT					SPECIAL TESTS	UNIT	DEPTH (ft)										
TYP	NO.	Q				20	40	60	80														
0			SAND (SM)—fine to medium grained, silty, well graded, angular to rounded gravel to 6in. cobble size on surface. —Water Level at 1.0' depth.									4	0										
1																							
2			Test Pit Ends at 1.0'.										5										
3																							10
4																							15
5																							20
6																							25
7																							30
8																							
9																							
10																							

N7708100 E578700 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

GRAB
 CORE
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
162-IP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy 1988

Source #163
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO. Q								
0		SAND-(SP)-with some gravel, trace of silt, loose to compact, brown, occasional cobbles, damp to moist NOTE:-test pit excavated in an area which has been stripped/worked the previous winter becoming moist to wet Test Pit Ends at 1.6 m.							
1	1								
2									
3									
4									
5									
6									
7									
8									
9									
10									

N7720010 E607500 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE
☐ GRAB ☐ CORE
☐ CRREL BARREL ☐

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
163-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory				Source #163													
Hardy 1986				0101-4575-8													
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT					
TYP	NO.	Q															
0			PEAT-(PT)-and organic soil, some silt, dark brown, moist									OB	0				
			SILT-(ML)-with organics, (peat, organic silt), sandy, some clay, firm, low plastic, light brown, occasional gravel (fm). roots, moist									4					
1													5				
2			SAND-(SM)-silty, trace of gravel (fmc), well rounded, loose to compact, brown, moist to wet														
			-frozen sand with trace gravel, ice bonded, some visible ice crystals. (permafrost)														
3													10				
			Test Pit Ends at 0.75m														
4													15				
5																	
6													20				
7																	
8													25				
9													30				
10																	

N7720210 E608350 Z8

Coordinates Estimated

Tuktoyaktuk, NWT

SAMPLE TYPE

GRAB
 CORE
 CORE BARREL

INDIAN AND NORTHERN AFFAIRS

INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE NUMBER

163-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy 1988

Source #163
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT-(PT)-organic material, roots, dry to damp															0		
1			SAND-(SP)-trace of gravel, well rounded, trace to no silt, loose, some layering, rusty brown to brown, root fibres, moist															3		
2			-thin gravel layer (0-10m) -frozen sand (fm), ice bonded. (permafrost)															5		
3			Test Pit Ends at 1.15 m															10		
4																		15		
5																		20		
6																		25		
7																		30		
8																				
9																				
10																				

N7720160 E607700 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE
 GRAB
 CORE
 CORREL BARREL
 M

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
163-3

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy 1986

Source #163
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60	80	20	40	60	80	20	40	60	80			
0				SAND--(SP) with some gravel, well rounded, trace to no silt, loose to compact, occasional cobbles, moist																0	
1				NOTE:--test pit excavated in an area which has been stripped/worked the previous winter becoming wet															3		
2				SILT--(ML)--some fine sand, compact, non-plastic, grey, wet															ML	5	
3				Test Pit Ends at 1.60 m Permafrost not encountered																10	
4																				15	
5																				20	
6																				25	
7																				30	
8																					
9																					
10																					

N7720025 E607720 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE
☐ GRAB
☒ CORE
☐ CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
163-4

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source 163
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80		
0			ORGANIC SILT (OL)—dark brown roots														OB		
1			SAND (SP)—fine to medium grained, trace subrounded gravel to .5in. size, yellow-brown. —medium grained, trace subrounded gravel to .5in. size, light brown.														3		
2			Test Pit Ends at 7.0'.																
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

N7718800 E606600 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE	
	GRAB
	CORE
	CORREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
163-AE

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

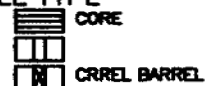
Source #164
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			GRAVEL (GW)—well graded to 3in. size, some fine to coarse sand, trace silty fines, occasional boulders to 2' size, angular to subrounded, easily shattered, dark brown with rust-brown patches																2	0
1		1.																	3	
2			SAND (SP)—medium grained																	5
3			Test Pit Ends at 4.3'.																	10
4																				15
5																				20
6																				25
7																				30
8																				
9																				
10																				

N7709000 E609200 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
164-AP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #164
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)			LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q					20	40	60				
0			SAND (SM)—silty, trace rounded to sub-angular gravel to 6in. cobble size, organic inclusions, moss and lichen on surface									4	0
1			SAND (SP)—medium grained, light brown									3	
2			Test Hole Ends at 5.0'.									5	
3												10	
4												15	
5												20	
6												25	
7												30	
8													
9													
10													

N7707700 E610300 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE	
 GRAB	 CORE
 CORE	 CORE
 CORE	 CORE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
164-BE

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

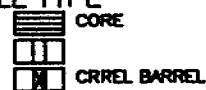
Source #164
0101-4575.8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60	80	20	40	60	80	20	40	60	80			
0				GRAVEL (GW)—well graded, to 3in size, some sand, some silty fines, angular to subrounded.															3	0	
1				GRAVEL (GW)—well graded, to 3in size, and medium rust-brown sand, angular to subrounded.															3	5	
2				SAND (SP)—medium to coarse grained, trace fine gravel to .5in size, light brown. —medium grained, light brown																	
3				Test Pit Ends at 6.3'.																10	
4																				15	
5																				20	
6																				25	
7																				30	
8																					
9																					
10																					

N7706800 E611300 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
164-CE

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory				Source #166											
Hardy Assoc. 1977				0101-4575.8											
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)			LIQUID LIMIT		SPECIAL TESTS	UNIT		
TYP	NO.	Q					20	40	60					80	
DEPTH (m)	1		GRAVEL (GW)—well graded, to 6 inch cobble size, fine to coarse sand, subangular to subrounded, silty with rootlets to 1.0' depth.										0		
														1	
															5
															10
															15
															20
															25
															30

N7692900 E606200 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

GRAB

CORE

COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
166-AP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #167
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			GRAVEL (GM)—well graded, to 3inch size, little fine sand, silty, sub-rounded															2	0	
																		1		
																		3		
1			SAND (SW)—well graded, trace fine gravel to .5 inch size.															1		
																		3		
2			GRAVEL (GP)—to 1.5in size, little fine to coarse sand, subrounded to rounded.																	
3			GRAVEL (GW)—well graded to 3 inch size, little fine to coarse sand, subrounded to rounded.																	

N7687200 E597400 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
167-AP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #167
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			SILT (ML) - clayey, trace rounded gravel to 1 inch size, low plastic																OB	0
1			SAND (SM) - well graded, silty, trace gravel to 1 inch size, yellow																2	
			- well graded, silty, trace gravel to 2 inch size, brown																1	5
2			SAND (SW) - well graded, light brown																	
			Test Pit Ends at 5.2'																	
3																				10
4																				15
5																				20
6																				25
7																				30
8																				
9																				
10																				

N7687500 E597800 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

▢▢▢ GRAB

▢▢ CRREL BARREL

▢▢▢ CORE

▢▢

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
167-BP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory				Source #168									
BBT, 1983				0101-4575.8									
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT		
TYP	NO. Q												
0												0	
1	1	GRAVEL-(GW)-well graded, dry, brown, and c-m-f sand, trace silt, occasional cobble, loose to 2.4m, frozen below 50mm Organic cover	Nf									5	
2		-thin layers of medium sand below 2.0m										10	
3	2	-becomes coarser below 3.0m	Nf									15	
4												20	
5	3		Vs Sw									25	
6		Test Hole Ends at 5.7m.										30	
7													
8													
9													
10													

N7685280 E591390 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

 GRAB
 CORE
 COREL. BARREL

 GRAB
 CORE
 COREL. BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
168-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
BBT, 1983

Source #168
0101-4575.8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				1	20	40	60	80	1	20	40	60			
0		1		GRAVEL (GW)—well graded, dry, brown, some c-m-f sand (35%), trace silt, occasional cobble, loose	Nf												1	0
1																		
2		2		SAND (SP)—poorly graded, brown, some fine gravel (35%), loose to 2.4m, frozen below, wet upon thawing	Nf												2	5
3																		
4		3			Vs 10%													10
5																		
6		4		GRAVEL (GP)—poorly graded, and c-m-f sand (35% to 45%), trace silt, wet upon thawing	Vs 10%													
7																		
8		5			Vs 10%													
9																		
10		6			Vs 10%													
		7		CLAY (CL)—medium plastic, silty, grey, occasional pebble, ice layers to 15mm thick	Vr15%to25%												CL	25
				Test Hole Ends at 9.0 m														30

N7685140 E591360 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
168-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory				Source #168											
BBT 1983				0101-4575.8											
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT			
TYP	NO.	Q													
0			CLAY (CL)—low plastic, grey—brown, frozen, ice rich below 1 m (50% to 60% excess upon thawing) (50mm Peat cover)										0		
1	1			Vs 25%									0.8		
2	2			Vs 5%									5		
2	3		SAND (SP)—poorly graded, m—c and fine gravel (35% to 45%), wet upon thawing, trace silt, contains layers of SW and GW at 2.0m and 4.0m depth	Vs 10% to 15%											
3													10		
4	4			Vs 10% to 15%									2		
4															
5	5			Vs 10% to 15%									15		
6													20		
6			GRAVEL (GW)—well graded, wet when thawed and c—m—f sand (35%), brownish—grey, contains layers of coarse gravel, layers of well graded sand 0.15 m thick												
7				Vs 15%									1		
8	6												25		
9													30		
9			Test Hole Ends at 9.0 m												

N7685055 E591395 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
168-3

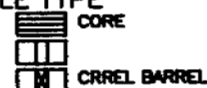
BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory BBT 1983			Source #168 0101-4575.8										
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (m)
TYP	NO.	Q											
0			GRAVEL (GW)—well graded, damp, brown, and c-m-f sand(30%to40%), trace silt, occasional cobble, loose to 1.8m, frozen below -0.5m sand layer —very sandy zone NOTE: Deposit probably has layered structure of gravel and sand —ice rich layers below 4.5m	N								1	0
1	1												
2	2												
3	3												
4	4												
5	5												
6	6												
7	7												
8	8		SAND (SP)—skip-graded, medium to fine, and gravel (35%), gray, saturated upon thawing, contains trace silt and clay	Vs 5%to10%								5	
9													
10			Test Hole Ends at 10.5 m	Vs 15%								10	
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													

N7684955 E591425 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
168-4

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory				Source #168											
BBT 1983				0101-4575.8											
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT				
TYP	NO. Q														
0															
	1	SAND-(SP)-poorly graded, m-f, brown, moist when thawed, trace roots near surface.	Nf								3	0			
1															
	2	GRAVEL-(GW)-well graded, moist, brown, and c-m-f sand (35% to 40%), trace silt, occasional cobble.	Nf									5			
2															
	3		Vs 5%												
		-0.15m thick layer of ML													
3		-0.5m thick layer of fine GP	Vs 15% to 20%									10			
	4														
4		GRAVEL-(GW)-well graded, wet when thawed, grey-brown, little to some c-m-f sand (15% to 20%), occasional cobble	Vs 15% to 20%									15			
5															
	6														
6															
	7	GRAVEL-(GW)-well graded, wet when thawed, grey-brown, some c-m-f sand (30% to 35%), trace silt, occasional cobble										20			
7															
	8											25			
8															
	9											30			
9		Test Hole Ends at 9.0m													
10															

N7684860 E591430 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
168-5

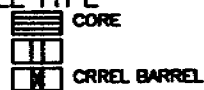
BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory BBT 1983			Source #168 0101-4575.8									
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	
TYP	NO. Q											
0		GRAVEL-(GW)-well graded, damp, brown and coarse to fine sand(45%), occasional cobble, loose to 2.0 m, frozen below, wet upon thawing										
1											1	
2	1		Nf									
3	2	SAND-(SP)-poorly graded, medium to fine, and fine gravel, contains 0.15m thick layers of clean uniform sand	Vs 5%								3	
4	3		Vs15%									
5	4	GRAVEL-(GW)-well graded, saturated upon thawing, brown and coarse to fine sand (45%)	Vs15%								1	
6		CLAY-(CL)-medium plastic, grey, ice rich, contains pebbles									CL	
7		Test Hole Ends at 5.4m										
8												
9												
10												

N7684680 E591365 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
168-6

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
B8T 1983

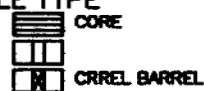
Source #168
0101-4575.8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q																		
0				GRAVEL-(GW)-well graded, silty near surface, and c-m-f sand, brown, moist, 50mm Peat cover	Nf														1	0	
1				SAND-(SP)-poorly graded, loose, brown, moist when thawed, and c-f gravel, thin layer of clayey silt at 1.0m	Nf														2	5	
2				GRAVEL-(GP-GW)-fairly well graded, grey-brown, wet when thawed (5% excess), some c-m-f sand (25% to 30%), trace silt, occasional cobble, very ice rich layer at 3.0m.	Vs 5%														1	10	
3					Vs 10%																
4					Vs 10%																
5				SAND-(SW)-well graded, grey, and fine gravel to 75mm, trace cobbles, contains layers of silt and clay, wet upon thawing (5% excess)	Vs 15%														2	20	
6					Vs 15%																
7				SAND-(SP)-poorly graded, m-f, grey-brown, trace gravel sizes, layered structure with silt, coal specks, very hard to penetrate, ice rich layers	Vs15% to 20%														3	25	
8																					
9				Test Hole Ends at 8.8m																30	

N7684625 E591310 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
168-7

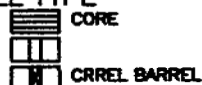
BOREHOLE LOG AND LABORATORY TEST RESULTS

RA Granular Resources Inventory				Source #168											
BBT 1983				0101-4573.8											
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT			
TYP	NO.	Q													
0			GRAVEL (GW)—well graded, max. size 75mm, and c-m-f sand (35%), trace to no silt, loose, brown, occasional cobble	nF											
1															
2															
3			GRAVEL (GW)—well graded, grey, loose to 2.4m, frozen below, little to some c-m-f sand (15% to 20%), trace cobbles to 200mm size, trace silt	nF											
4				Vs											
5			-0.3m thick ice rich layer												
6				Vs 5%											
7			GRAVEL (GP)—fairly well graded, grey, some c-m-f sand(25%), trace silt, wet upon thawing, low visible ice content except for ice rich layer at 7.1m	Vs 5%											
8				Vs 5%											
9			Test Hole Ends at 8.8 m												
10															

N7684450 E591355 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
168-8

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #168
0101-4575.8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO. Q								
0		GRAVEL (GW)—well graded, to 3 inch size, some fine to coarse sand, subrounded to rounded, silty to 0.5' depth.							
1	1	—well graded, to 5 inch cobble size, some fine to coarse sand.							1
2		—well graded, to 1.5 inch size, and fine to coarse sand.							
3		Test Pit Ends at 4.5'.							
4									
5									
6									
7									
8									
9									
10									

N7681400 E594700 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
168-AP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #168
0101-4575.8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO.	Q								
0			SAND (SM)—well graded, and gravel to 3in. size, silty, brown							3
1			SAND (SW)—well graded, and subrounded gravel to 1.5 in. size, rust-brown							1
2			Test Pit Ends at 3.5'							
3										
4										
5										
6										
7										
8										
9										
10										

N7682000 E595800 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
168-BP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy 1988

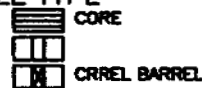
Source 189
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)			LIQUID LIMIT	SPECIAL TESTS	UNIT
	TYP	NO. Q					20	40	60	80		
0			PEAT (PT)—and organic, soil, sandy, dark brown, dry to damp									08
1		1	SAND (SP)—some gravel, trace of silt, loose, brown, root fibres, damp									3
2			SAND (SP)—some gravel, trace of silt, some irregular stratification, brown to brown, occasional gravel, damp to moist									5
3			SAND (SP)—some gravel, trace of silt, some irregular stratification, brown to rusty brown and grey, moist —Permafrost not encountered									10
4			Test Pit Ends at 1.70 m									15
5												20
6												25
7												30
8												
9												
10												

N7693800 E587900 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
169-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #169
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20				40				60						
0			PEAT (PT)														OB	0		
			ORGANIC SILT (OL)—dark brown																	
1			SAND (SP)—fine to medium grained, trace gravel to 1.5 inch size.																	
2		1	—fine to medium grained, trace gravel to .5 inch size.															5		
			—poorly graded, and subangular to subrounded gravel to 4 in cobble size, occasional rust-brown layers																	
3			—fine to medium grained, light brown															10		
4			Test Pit Ends at 10.0'.																	
5																				
6																		20		
7																				
8																				
9																		25		
10																		30		

N7692400 E585600 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
169-AE

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy 1986

Source 169
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)			LIQUID LIMIT	SPECIAL TESTS	UNIT
	TYP	NO. Q					20	40	60			
0		1	PEAT-(PT)-and organic soil, sandy, dark brown, moist									OR
1			GRAVEL-(GP)-and SAND-trace to no silt, compact, some irregular layering, brown, occasional cobbles and boulders (near surface), root fibres to 0.80 m, moist									3
2			SAND-(SP)-with some gravel, trace to no silt, loose to compact, brown, moist -frozen sand, ice bonded, no visible ice (permafrost)									
3	Test Pit Ends at 1.20 m.											
4												
5												
6												
7												
8												
9												
10												

N7694700 E588000 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CORREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
169-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #169
0101-4575.8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (m)	DEPTH (ft)
TYP	NO. Q										
0		GRAVEL (GW)—well graded to 3in size, some fine to coarse sand, rounded to angular							1	0	
1		SAND (SP)—medium grained, trace fine gravel to .5in size							3		
		—no gravel, occasional rust—brown streaks							1	5	
2		GRAVEL (GW)—well graded, to 3in size, occasional rust—brown streaks									
3		Test Pit Ends at 5.3'.								10	
4										15	
5										20	
6										25	
7										30	
8											
9											
10											

N7694000 E586900 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
169-BP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory				Source #170											
Hardy Assoc. 1977				0101-4575.8											
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)		
TYP	NO.	Q													
0			SAND (SM)—fine grained, silty, trace gravel to 2in size, rootlets to 2.0 foot depth									4	0		
			CLAY (CL)—silty, low plastic, grey									1			
1			GRAVEL (GW)—well graded, to 4in. cobble size, and fine to coarse sand, subrounded										5		
2			Test Pit Ends at 4.0'.												
3													10		
4													15		
5													20		
6													25		
7													30		
8															
9															
10															

N7674100 E576500 Z8		SAMPLE TYPE		INDIAN AND NORTHERN AFFAIRS		BOREHOLE NUMBER 170-AP
Coordinates Estimated Tuktoyaktuk, NWT		☐ GRAB ☐ CORE ☐ CRREL BARREL	INUVALUIT LAND ADMINISTRATION DRAWING NUMBER			

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #170
0101-4575.8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)				LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO. Q					20	40	60	80			
0	1	GRAVEL (GW)—well graded, to 3in size, and fine to coarse rust-brown sand										1
												2
		GRAVEL (GP)—to .5in. size, trace sand, subrounded to rounded										1
												3
		GRAVEL (GM)—well graded, to 3in size, and fine to coarse yellow sand										
1												
2		GRAVEL (GW)—well graded to 3in size, and fine to coarse yellow sand										
3		SAND (SP)—fine to medium, trace fine gravel to .25in. size, yellow										
4		GRAVEL (GP)—to 2in. size, and sand										
5		Test Pit Ends at 4.8'										
6												
7												
8												
9												
10												

N7674100 E576500 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
170-BP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

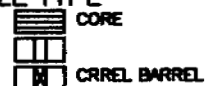
Source #170
0101-4575.8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20 40 60 80				20 40 60 80				20 40 60 80						
0																				0	
																			1		
1																			3		
																				5	
2																					
																				10	
3																					
																				15	
4																					
																				20	
5																					
																				25	
6																					
																				30	
7																					
8																					
9																					
10																					

N7673200 E575600 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
170-CP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #170
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT (PT)-roots																00	0
			GRAVEL (GM)-well graded, to 3 in. size, little sand, silty, clay pockets																3	
1			GRAVEL (GW)-well graded, to 6 in. cobble size, and fine to coarse sand, subangular to sub-rounded																1	
2			SAND (SP)-fine to medium grained, little gravel to 2 in. size, sub-rounded to subangular																3	
3			Test Pit Ends at 4.0'.																	5
4																				10
5																				15
6																				20
7																				25
8																				30
9																				
10																				

N7672800 E576400 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
170-DP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory Hardy Assoc. 1977				Source #171 0101-4575.8									
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)			LIQUID LIMIT		SPECIAL TESTS	UNIT
TYP	NO.	Q					20	40	60				
0			GRAVEL (GW)—well graded, to 3in. size, little fine to coarse sand, subrounded to rounded, partially coated with white calcareous precipitate										1
1			SAND (SP)—medium grained, trace gravel to 2in. size, subrounded										3
2			Test Hole Ends at 3.5'.										
3													
4													
5													
6													
7													
8													
9													
10													

N7671200 E583400 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

 GRAB



 CORE

 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
171-AP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory Hardy Assoc. 1977				Source #171 0101-4575.8											
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)			LIQUID LIMIT		SPECIAL TESTS	UNIT		
TYP	NO.	Q					20	40	60					80	
DEPTH (m) 0 1 2 3 4 5 6 7 8 9 10		1	GRAVEL (GW)—well graded, to 8 in. cobble size, some fine to medium sand, trace silty fines, rootlets to 1.8' depth, partially coated with white calcareous precipitate									2	0		
			SAND (SW)—well graded, little gravel to 3 in. size												1
			Test Pit Ends at 4.0'												

N7671700 E583600 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

GRAB
 CORE
 COREL BARREL

GRAB
 CORE
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
171-BP

BOREHOLE LOG AND LABORATORY TEST RESULTS

DEPTH (ft)

0

5

10

15

20

25

30

ILA Granular Resources Inventory Hardy Assoc. 1977				Source #172 0101-4575.8						SPECIAL TESTS	UNIT
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT				
TYP	NO. Q										
0		SAND (SW)—well graded, little subrounded gravel to 2 in. size									0
1		Test Pit Ends at 4.0'									1
2											
3											
4											
5											
6											
7											
8											
9											
10											

N7668600 E579500 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

 GRAB

 CORE

 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
172-AP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #172
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC WATER LIQUID				SPECIAL TESTS	UNIT	DEPTH (ft)			
	TYP	NO. Q				Limit	Content (%)	Limit							
0	1		SAND (SW)—well graded, fine to coarse grained, and subrounded to rounded gravel to 4 in. size, rootlets to 3.0' depth								2	0			
1															5
2															10
3															15
4															20
5															25
6															30
7															
8															
9															
10															

Test Pit Ends at 3.8'

N7668900 E579900 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
172-BP

BOREHOLE LOG AND LABORATORY TEST RESULTS

IA Granular Resources Inventory
Hardy Assoc. 1977

Source #173
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	WATER CONTENT (%)				SPECIAL TESTS	UNIT	DEPTH (ft)		
	TYP	NO. Q				PLASTIC LIMIT	20	40	60				LIQUID LIMIT	80
0	1		GRAVEL (GP)—poorly graded, to 3 in. size, little fine to coarse sand, subrounded to rounded, root-lets to 2.0' depth									0		
1														3
2														
3														
4														
5														
6														
7														
8														
9														
10														

N7662600 E569900 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE
[] GRAB [] CORE
[X] [] CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
173-AP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #173
0101-4575.8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
TYP	NO. Q									
0		PEAT (PT) - silty, little gravel							08	0
1		GRAVEL (GW) - well graded, to 4 in. cobble size, little silty sand, sub-angular to subrounded, rootlets, dry							2	
2		- well graded, to 8 in. cobble size, some fine silty sand, dry								5
3		Test Pit Ends at 4.0'.								10
4										15
5										20
6										25
7										30
8										
9										
10										

N7662600 E568300 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
173-BP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory Hardy Assoc. 1977				Source #174 0101-4575.8						SPECIAL TESTS	UNIT		
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT						
TYP	NO. Q							20	40				60
0		PEAT (PT)										OB	0
		SILT (ML)-low plastic, rootlets										2	
		GRAVEL-well graded to 8 in. cobble size, little silty sand, angular to rounded										ML	
1	1	SILT (ML)-trace fine gravel to .75 in. size, trace fine sand, low plastic										2	5
2		GRAVEL (GW)-well graded, to 2 in. size, and fine to coarse sand, trace silty fines, subrounded											10
3		Test Pit Ends at 6.0'											15
4													20
5													25
6													30
7													
8													
9													
10													

N7662400 E5657000 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

GRAB

CORE

CORREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
174-AE

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #174
0101-4575.8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
TYP	NO.	Q				20				40				60						
0				GRAVEL (GW)—well graded, to 8 in. cobble size, and fine to coarse sand, subangular to rounded														1	0	
1				Test Pit Ends at 2.5'															5	
2																			10	
3																			15	
4																			20	
5																			25	
6																			30	
7																				
8																				
9																				
10																				

N7662400 E565700 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
174-BP

BOREHOLE LOG AND LABORATORY TEST RESULTS

Source #174
0101-4575.8

DEPTH (m)

DEPTH (ft)

☐ GRAB

 CORE
 CRREL BARREL


**BOREHOLE
NUMBER
174-CE**

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #174
0101-4575.8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60	80	20	40	60	80	20	40	60	80			
0				GRAVEL (GW)—well graded, to 5 in. cobble size, subrounded																4	0
1				SAND (SC)—fine grained, clayey, little subrounded to rounded gravel to 3 in. size																	
2				Test Pit Ends at 2.5'																	5
3																					10
4																					15
5																					20
6																					25
7																					30
8																					
9																					
10																					

N7665100 E566700 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
174-DP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #175
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				TESTS	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80		
0			PEAT (PT)															0	
			SAND (SM)—silty, little gravel to 5 inch cobble size															3	
1			SAND (SP)—fine to medium grained, trace silty fines															5	
2			Test Pit ends at 6.0'																
3																		10	
4																		15	
5																		20	
6																		25	
7																		30	
8																			
9																			
10																			

N7658900 E559900 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
175-AE

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #175
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT (PT)																08	0
			SAND (SM)—silty, little gravel to 5 inch cobble size																3	
1			SAND (SP)—fine to medium grained, trace silty fines —frozen below 2.0 depth																	5
2			Test Pit Ends at 2.0'																	
3																				10
4																				15
5																				20
6																				25
7																				30
8																				
9																				
10																				

N7658900 E559900 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
175-BP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #175
0101-4575.8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (m)	DEPTH (ft)
TYP	NO. Q										
0		GRAVEL (GW)—well graded, to 3 in. size, and fine to coarse sand —clayey to 2.3 depth									
1											
2		Test Pit Ends at 4.2'.									
3											
4											
5											
6											
7											
8											
9											
10											

N7658400 E559900 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE
☒ GRAB ☐ CORE
☒ CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
175-CP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

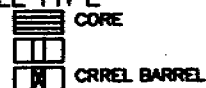
Source #176
0101-4575.8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC WATER LIQUID				SPECIAL TESTS	UNIT
TYP	NO.	Q				LIMIT	CONTENT (%)	LIMIT	LIMIT		
0			PEAT (PT)								0
1	1		GRAVEL (GW)—well graded to 4 in. cobble size, some fine to coarse sand, trace silty fines								2
2			SAND (SC)—clayey pockets, grey								5
			Test Pit Ends at 6.5'								10
3											15
4											20
5											25
6											30
7											
8											
9											
10											

N7659700 E557400 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
176-AE

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #176
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q									
0			PEAT (PT)							08	0
1			GRAVEL (GW)—well graded, to 3in. size, and fine to coarse sand, sub-rounded to rounded, rust-brown							1	1
2			Test Pit Ends at 2.0'								5
3											10
4											15
5											20
6											25
7											30
8											
9											
10											

N7659700 E557400 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE
☐ GRAB ☐ CORE ☐ CORREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
176-BP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory Hardy Assoc. 1977				Source #176 0101-4575.8						SPECIAL TESTS	UNIT
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT				
TYP	NO. Q										
0		GRAVEL (GW)—well graded, to 4 inch cobble size, little silty sand, occasional boulder to 1 foot size, angular to rounded, rust-brown									0
1		Test Pit Ends at 3.5'.									1
2											
3											
4											
5											
6											
7											
8											
9											
10											

N7660900 E557600 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

 GRAB
 CORE
 COREL BARREL

 CORE
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
176-CP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #176
0101-4573.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC WATER LIQUID				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				LIMIT	CONTENT (%)	LIMIT				
0			SILT (ML)									0
1			GRAVEL (GW)—well graded to 5 inch cobble size, some fine to coarse sand, trace silty fines, sub-rounded									5
2		1										2
3												10
4			Test Pit Ends at 12.0'									15
5												20
6												25
7												30
8												
9												
10												

N7659000 E558900 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
176-DE

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #178
0101-4573.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.									
0			PEAT (PT)							OB	0
1			SILT (ML)—little subrounded gravel to 4 inch, cobble size, little little to fine coarse sand, clayey, low plastic								
2			Test Pit Ends at 1.8'.								
3											
4											
5											
6											
7											
8											
9											
10											

N7659000 E558900 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

	GRAB		CORE
			CORREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
176-EP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #177
Q101-4575.8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60	80	20	40	60	80	20	40	60	80			
0				SILT (ML)—trace gravel, trace sand, low plastic, medium brown																OB	0
1				GRAVEL (GW)—well graded, to 3 inch size, some fine to coarse sand, subangular to subrounded																1	3
2				GRAVEL (GP)—rock fragments, some fine sand, silty, angular																4	5
3				SAND (SP)—medium grained																5	
4				Test Pit Ends at 6.0'																	10
5																					
6																					
7																					
8																					
9																					
10																					

N7682600 E581400 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE
NUMBER
177-AE

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory				Source #177													
Hardy Assoc. 1977				0101-4575.8													
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (m)	DEPTH (ft)			
TYP	NO.	Q															
0			SAND (SP)—fine to medium grained, rootlets to 1' depth, brown									3	0				
1			GRAVEL (GP)—poorly graded, to 3 inch size little fine to coarse sand, subrounded to rounded										5				
2			Test Pit Ends at 4.0'										10				
3													15				
4													20				
5													25				
6													30				
7																	
8																	
9																	
10																	

N7682600 E581400 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

 GRAB
 CORE
 CORE

 CORE
 CORE
 CORE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
177-BP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy Assoc. 1977

Source #177
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)				LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q					20	40	60	80				
0	1		GRAVEL (GW)—well graded, to 3 inch size, some fine to coarse sand, trace silty fines to 1.0' depth, angular to rounded —rust—brown layer to 2.0' depth —well graded, to 2.5 inch size some fine to coarse sand, rounded Test Pit Ends at 4.0'										2	0
1														1
2														2
3														3
4														4
5														5
6														6
7														7
8														8
9														9
10														10

N7683800 E581800 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

GRAB
CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
177-CP

BOREHOLE LOG AND LABORATORY TEST RESULTS

IA Granular Resources Inventory
Hardy Assoc. 1977

Source #177
0101-4575.8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60	80	20	40	60	80	20	40	60	80			
0				GRAVEL (GW)—well graded to 4 inch cobble size, little fine to coarse sand, subrounded, silty patches																2	0
1				SAND (SW)—well graded, little subrounded gravel to 2 inch size, silty patches																1	5
2				SILT (ML)—low plastic																	
3				SAND (SP)—fine to medium grained																	
4				SAND (SW)—well graded, little subrounded gravel to 1 inch size																	
5				Test Pit Ends at 4.5'																	
6																					
7																					
8																					
9																					
10																					

N7685200 E581200 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
177-EP

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory				Source #181											
Hardy 1986				0101-4575-8											
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT				
TYP	NO. Q														
0		PEAT-(PT)-organic material, black, roots, dry									00	0			
1	1	GRAVEL-(GP)-and SAND-trace silt, compact, -brown, occasional cobbles and boulders, root fibres to 0.6m dry -becoming damp -No permafrost encountered									3				
2		Test Pit Ends at 1.2m													
3															
4															
5															
6															
7															
8															
9															
10															

N7699500 E583250 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

 GRAB
 CORE
 COREL BARREL

 CORE
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
181-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy 1986

Source #181
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (s)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60	80	20	40	60	80	20	40	60	80			
0				PEAT-(PT)-organic material, black, roots, dry															OB	0	
1				SILT-(ML)-trace of clay, frozen with ice veins and fine ice lenses, low to non-plastic, brown, (permafrost)																5	
2				Test Pit Ends at 0.40m																10	
3																				15	
4																				20	
5																				25	
6																				30	
7																					
8																					
9																					
10																					

N7699900 E582950 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
181-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy 1986

Source #181
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
	TYP	NO. Q								
0			PEAT-(PT)-organic material, dark brown, dry							08
1			SAND-(SP)-little gravel, trace of silt, loose to compact, stratified-thin gravelly layers, rusty brown, dry damp							3
2			SAND-(SP)-with some gravel, trace of silt, loose to compact stratified, grey-brown, damp -becoming wet and very silty -frozen silty fine sand, ice bonded, no visible ice, (perma-frost)							
3			Test Pit Ends at 1.3m							
4										
5										
6										
7										
8										
9										
10										

N7699600 E584000 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

 GRAB  CORE  COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
181-3

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory Hardy 1986				Source #181 0101-4575-8						SPECIAL TESTS	UNIT	DEPTH (ft)
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT					
TYP	NO. Q											
0		PEAT-(PT)-organic material, brown, dry									08	0
1		SAND-(SP)-little gravel, trace of silt, compact to loose stratified-layers of gravel, rusty brown to brown, occasional cobbles and boulders, dry -damp									3	
2		SAND-(SP)-fine, trace of silt and gravel, compact, fine stratification/lamination, grey, damp to wet -frozen fine sand, ice bonded, no visible ice, grey, (permafrost)										
3		Test Pit Ends at 0.95 m										
4												
5												
6												
7												
8												
9												
10												

N7700000 E583900 Z8 Coordinates Estimated Tuktoyaktuk, NWT		 GRAB  CORE  COREL BARREL	SAMPLE TYPE INDIAN AND NORTHERN AFFAIRS INUVIALUIT LAND ADMINISTRATION DRAWING NUMBER	BOREHOLE NUMBER 181-4
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BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy 1986

Source #181
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80		
0			PEAT (PT)—organic material, roots, brown, dry														RR	0	
1		1	SAND (SP)—some gravel, trace of silt, compact, stratified, layers/lenses of sand, very gravelly sands and sandy gravel, rust-brown to brown, some root fibres, dry															5	
2			-damp																
			-becoming damp to wet																
			-frozen sand with some gravel, (permafrost)																
			Test Pit Ends at 1.2 m															10	
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

N7899800 E583800 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE
GRAB
CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
181-5

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory Hardy 1986			Source #181 0101-4575-8								SPECIAL TESTS		UNIT	
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT							
TYP	NO. Q													
0		PEAT-(PT)-organic material, roots, brown, dry												0
1	1	SAND-(SP)-some gravel, silty, compact, brown, occasional cobbles, many root fibres, dry to damp												3
2		GRAVEL and SAND-(SP)-trace to no silt, -compact, no stratification, brown to grey-brown, rootlets, occasional cobbles and boulders, damp												5
3		-frozen gravel and sand (permafrost)												10
4		Test Pit Ends at 1.0 m												15
5														20
6														25
7														30
8														
9														
10														

N7700500 E583050 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

 GRAB
 CORE
 CORE BARREL

 CORE
 CORE
 CORE BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
181-6

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy 1986

Source #181
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT-(PT)-organic material and organic soil, peaty, some clay and silt, dark brown, moist																08	0
1		1	CLAY-(CL)-(TILL)-very sandy (fine), silty, -some gravel, brown, moist																3	
2			SAND-(SP)-fine grained, trace to some silt -loose to compact, grey-brown, occasional gravel, well rounded, moist																	5
3			-becoming wet, free water																	10
4			-frozen fine sand, ice bonded, no visible ice. (permafrost)																	15
5			Test Pit Ends at 0.9 m																	20
6																				25
7																				30
8																				
9																				
10																				

N7699600 E582500 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CORREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
181-7

BOREHOLE LOG AND LABORATORY TEST RESULTS

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy 1986

Source #181
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT-(PT)-organic material, brown, dry															0		
1		1	SAND-(SP)-trace of gravel and silty, loose to compact, stratified, thin layers of gravel in sand, rusty brown to brown, root fibres in top 0.40 m, damp to moist -frozen sand (fm), ice bonded, no visible ice, grey															3		
2			Test Pit Ends at 0.85 m															5		
3																		10		
4																		15		
5																		20		
6																		25		
7																		30		
8																				
9																				
10																				

N7699150 E586750 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CORREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
181-12

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy 1988

Source 181
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT-(PT)-organic material and organic silt	Permafrost														OS	0	
			ORGANIC SOIL-(OL)-silty, clay, soft, dark brown, moist to wet																3	
1			SAND-(SP)-and GRAVEL -trace to no silt, loose to compact, stratified thin layers of gravel in sand and gravel, dark brown to grey brown, occasional cobbles/boulders, moist -frozen sand (fm), little gravel, ice bonded, no visible ice, grey (permafrost)																	
2																				
3																				
4																				
5			END OF PIT 0.7m																	
6																				
7																				
8																				
9																				
10																				

N7699000 E586450 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE
☐ GRAB
☐ CORE
☐ CORREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
181-13

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy 1988

Source #181
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)			LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q					20	40	60				
0			PEAT-(PT)-organic material, brown, dry									0	
1		1	SAND-(SP)-trace of silt and gravel, well rounded, loose, rusty brown to brown, damp to moist -frozen sand with some gravel, ice bonded (permafrost)	Permafrost								3	
2			Test Pit Ends at 1.0m										
3													
4													
5													
6													
7													
8													
9													
10													

N7698800 E586700 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE
CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
181-14

BOREHOLE LOG AND LABORATORY TEST RESULTS

Source #181
0101-4575-8

DEPTH (m)

DEPTH (ft)

GRAB

The diagram shows a vertical assembly. At the top is a rectangular block with horizontal lines, labeled "CORE". Below it is a smaller rectangular block with a vertical line down the center, labeled "CRREL BARREL".

**BOREHOLE
NUMBER
181-15**

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy 1986

Source #181
0101-4575-8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO.	Q								
0			PEAT-(PT)-and organic soil, dark brown, moist							08-0
1			SAND-(SP)-with some gravel, trace of silt, loose to compact, rusty brown to brown, root fibres, moist -frozen sand (fm), ice bonded, no visible ice, grey (permafrost)							3
2			END OF PIT 0.7m							
3										
4										
5										
6										
7										
8										
9										
10										

N7699200 E584500 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

 GRAB  CORE  COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
181-16

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy 1986

Source #181
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.									
0			PEAT-(PT)-organic material, dark brown, moist							OB	0
1			SILT-(ML)-clayey, sandy, firm, low plastic -dark grey, gravel and occasional cobbles/boulders, moist to wet -frozen silt till, some thin ice veins (permafrost)								5
2			Test Pit Ends at 0.55 m								10
3											15
4											20
5											25
6											30
7											
8											
9											
10											

N7698450 E581650 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
181-17

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy 1986

Source #183
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80		
0			PEAT-(PT)-and organic soil, sandy brown, damp														08		
1		1	SAND-(SP)-some gravel, well rounded, trace to no silt, compact, grey-brown, occasional cobbles, root fibres, damp to moist														3		
2			SAND-(SP)- with little gravel, trace of silt, loose to compact, brown, damp to moist																
3			-frozen sand (fm) ice bonded, no visible ice crystals (permafrost)																
4			Test Pit Ends at 0.90 m																
5																			
6																			
7																			
8																			
9																			
10																			

N7693800 E587400 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
183-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy 1988

Source #183
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT (PT)—and organic soil, fibrous brown, moist																08	0
1	III	1	SAND (SP)—some gravel, trace of silt, compact, brown, occasional cobbles, root fibres, moist	Permafrost															3	
2			SAND (SP)—no fines, loose, brown to grey—brown, occasional gravel, moist to wet —frozen sand, ice—bonded, no visible ice, grey—brown (permafrost)																	5
3			Test Pit Ends at 0.90 m																	10
4																				15
5																				20
6																				25
7																				30
8																				
9																				
10																				

N7693700 E587300 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CORREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
183-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

RA Granular Resources Inventory
Hardy 1985

Source #183
0101-4575-8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
TYP	NO.	Q				20	40	60	80	20	40	60	80	20	40	60	80			
			PEAT-(PT)-and organic soil, brown, damp																08	0
			SAND-(SP)-some gravel, trace of silt, compact, brown, root fibres, occasional cobbles, moist																3	
			SAND-(SP)-trace to no silt, trace of gravel (fmc), loose, brown to grey brown, moist																	5
			-frozen sand, ice bonded, no visible ice. (permafrost)																	
			END OF PIT 1.1m																	10
																				15
																				20
																				25
																				30

N7695700 E587700 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE
NUMBER
183-3

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy 1988

Source #183
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)			LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO. Q					20	40	60	80		
0		PEAT-(PT)-and organic soil, sandy, dark brown									OR
1		GRAVEL and SAND-(GP)-no fines, compact, -rusty brown, root fibres, moist									3
2		SAND-(SP)-with some gravel, no fines, loose to compact, grey-brown, moist									
3		-frozen sand (fm), ice bonded, no visible ice, grey, (perma-frost)									
4		Test Pit Ends at 1.20 m									
5											
6											
7											
8											
9											
10											

N7696300 E587500 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

	GRAB		CORE
			COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
183-4

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory Hardy 1986				Source #183 0101-4575-8																
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)			LIQUID LIMIT		SPECIAL TESTS	UNIT							
TYP	NO.	Q					20	40	60					80						
0	1		PEAT (PT)—and organic soil, sandy, dark brown, moist	Permafrost								0								
			GRAVEL and SAND (SW)—trace of silt, —compact, rusty brown, occasional cobbles and boulders, root fibres, moist																	
			SAND (SP)—and some gravel, trace of silt, compact, gravelly layers, brown, occasional cobbles and boulders, moist —frozen sand, ice bonded, no visible ice, grey. (permafrost)																	
1	2																		2	
2																				3
3																				5
4																				10
5																				15
6																				20
7																				25
8											30									
9																				
10																				

DEPTH (m)

0

1

2

3

4

5

6

7

8

9

10

Test Pit Ends at 1.2 m

N7696600 E587150 Z8

Coordinates Estimated

Tuktoyaktuk, NWT

SAMPLE TYPE

GRAB

CORE

CORREL BARREL

INDIAN AND NORTHERN AFFAIRS

INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE NUMBER

183-5

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy 1986

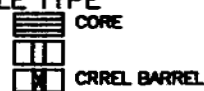
Source 183
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q									
0			PEAT-(PT)-and organic soil, sandy, dark-brown, moist							OR	0
1			SAND-(SP)-little gravel, trace of silt, compact, brown, some root fibres -frozen sand, little gravel, ice bonded, no visible ice, grey-brown. (permafrost)							3	
2			END OF PIT 0.9m								
3											
4											
5											
6											
7											
8											
9											
10											

N7697500 E586500 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
183-6

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy 1988

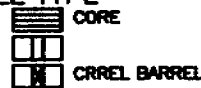
Source #184
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT--(PT)--and organic soil, silty, dark brown, damp																OR	0
1			SAND--(SP)--trace to no silt, trace of gravel, compact to loose, brown, damp to moist --frozen sand, ice bonded, no visible ice, grey (permafrost)																3	
2			Test Pit Ends at 0.90 m																	5
3																				10
4																				15
5																				20
6																				25
7																				30
8																				
9																				
10																				

N7689200 E587200 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
184-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

RA Granular Resources Inventory
Hardy 1986

Source #184
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT
TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80		
0	1	SAND-(SP)-with some gravel, little to no silt, loose, brown, many root fibres, damp																0
1		SAND-(SP)-no silt, uniform, loose brown, occasional gravel particles (fine to medium), damp to moist																3
2		-frozen sand, grey, ice bonded, no visible ice (permafrost)																5
3		END OF PIT 1.45 m																10
4																		15
5																		20
6																		25
7																		30
8																		
9																		
10																		

N7689300 E587200 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE
NUMBER
184-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

Source #184
0101-4575-8

DEPTH (ft)

**BOREHOLE
NUMBER
184-3**

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory				Source #184											
Hardy 1986				0101-4575-8											
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (m)	DEPTH (ft)		
TYP	NO. Q														
0		PEAT-(PT)-organic soil, silty, dark brown, moist									DB	0			
		SAND-(SM)-silty and clayey, with some gravel, firm, low plastic, brown -root fibres, moist									4				
1		SAND-(SP)-trace to no silt, trace of gravel, loose, brown, moist -frozen sand (fm), ice bonded, no visible ice. (permafrost)									3				
2		Test Pit Ends at 1.0 m													
3															
4															
5															
6															
7															
8															
9															
10															

N7689700 E587150 Z8

Coordinates Estimated

Tuktoyaktuk, NWT

SAMPLE TYPE

 GRAB
 CORE
 CIRCEL BARREL

 CORE
 CIRCEL BARREL

INDIAN AND NORTHERN AFFAIRS

INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE NUMBER

184-4

BOREHOLE LOG AND LABORATORY TEST RESULTS

Source #184
0101-4575-8

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy 1985

Source #184
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO. Q								
1	1	PEAT (PT)—and organic soil, silty, dark brown, moist							OR
		SAND and GRAVEL (GW)—trace of silt, —compact to dense, brown, occasional cobbles and boulders, occasional clay lumps —frozen sand with trace of gravel, ice bonded, no visible ice (permafrost)							2
		END OF PIT 0.9m							

DEPTH (m)

DEPTH (ft)

N7689850 E587250 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

GRAB

SAMPLE TYPE
CORE
CORREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
184-6

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
Hardy 1985

Source 184
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60	80	20	40	60	80	20	40	60	80			
0				PEAT-(PT)-and organic soil, dark brown, moist															0		
1				SAND-(SP)-and some gravel, silty, compact, brown, occasional cobbles, roots and root fibres. moist														3			
2				SAND-(SP) and GRAVEL-trace of silt, -compact, brown, moist -frozen sand (fm) some gravel, ice bonded, no visible ice (permafrost)															5		
3				Test Pit Ends at 1.05 m															10		
4																			15		
5																			20		
6																			25		
7																			30		
8																					
9																					
10																					

N7691500 E587800 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE

CORE



CORREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE
NUMBER
184-7

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory Hardy 1988				Source #184 0101-4575-8									
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)			LIQUID LIMIT		SPECIAL TESTS	UNIT
TYP	NO.	Q					20	40	60				
0			PEAT-(PT)-and organic soil, dark brown, moist										OB
1			SAND-(SP)-trace of silt, some gravel, loose, some irregular layering and lamination, brown to grey brown, some root fibres, moist										3
2			SILT(TILL)-(ML)-sandy, frozen, ice bonded, -no visible ice, some gravel particles (permafrost)										ML
3			Test Pit Ends at 1.10 m										
4													
5													
6													
7													
8													
9													
10													

N7672850 E587500 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

 GRAB
 CORE
 COREL BARREL

 CORE
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
184-8

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILIA Granular Resources Inventory
RKL 1973, Zone 2

Source #200
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT WATER CONTENT (%) LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)	
	TYP	NO. Q				20	40	60	80				
0			SILT(OL)—organic, layered structure, frozen								08	0	
1			Test Pit Ends at 2.0'									5	
2													10
3													15
4													20
5													25
6													30
7													
8													
9													
10													

N7682700 E496800 Z8 Coordinates Estimated Richards Island, NWT	SAMPLE TYPE ▢▢▢ GRAB ▢▢▢▢ CORE ▢▢▢▢ CRREL BARREL ▢▢	INDIAN AND NORTHERN AFFAIRS INUVIALUIT LAND ADMINISTRATION	BOREHOLE NUMBER 200A-A
		DRAWING NUMBER	

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory RKL 1973, Zone 2				Source #200 0101-4575.8						SPECIAL TESTS	UNIT	DEPTH (ft)	
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C								
DEPTH (m)	TYP	NO.				Q				PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	
0				SILT(OL)—organic, layered structure.								0	
1				SAND(SP)—trace gravel, fine, uniform.								3	
2				Test Pit on Lake Shore Exposure. Test Pit Ends at 6.5'.								5	
3													10
4													15
5													20
6													25
7													30
8													
9													
10													

N7685100 E494600 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE

GRAB
 CORE
 CORE BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
200A-B

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Zone 2

Source #200
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20			
0			SILT(OL)—organic.													OB	0
1			SAND(SW)—and gravel, layered structure clean, well graded.														5
2																	
3																1	10
4																	15
5		1	SAND(SW)—some gravel, clean, maximum 1 inch, well graded.														20
6		2	SAND(SP)—trace fine gravel, little silt, fine, uniform.													3	25
7																	30
8																	
9																	
10			Bank face logged in field. Test Pit Ends at 30.0'.														

N7685000 E494300 Z8
Coordinates Estimated
Richards Island, NWT

 GRAB
 CORE
 COREL BARREL

SAMPLE TYPE
 CORE
 CORE
 CORE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
200A-C

BOREHOLE LOG AND LABORATORY TEST RESULTS

RLA Granular Resources Inventory
RKL 1973, Zone 2

Source #201
0101-4575.8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO. Q								
A		SILT(OL)—and organics.							0B
		SAND(SM)—little silt, very fine, uniform							
				Test Pit Ends at 15.0' Test pit on lake shore exposure.					

N7682700 E496800 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE
☐ GRAB ☐ CORE
☐ CRREL BARREL ☐ M

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
201A-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Zone 2

Source #201
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)			LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q					20	40	60				
0			PEAT (PT)									08	0
			SAND (SM) - little silt, very fine, uniform									4	
1			Test Pit Ends at 2.0'										
2													
3													
4													
5													
6													
7													
8													
9													
10													

N7680800 E496500 Z8
Coordinates Estimated
Richards Island, NWT

GRAB

CRREL BARREL

SAMPLE TYPE

CORE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE
NUMBER
201A-B

BOREHOLE LOG AND LABORATORY TEST RESULTS

IA Granular Resources Inventory
RKL 1973, Zone 2

Source #201
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q									
0			SILT(OL)								0
1			SAND(SP)—fine, uniform, clean.								3
2			GRAVEL(GW)—some sand, well graded.								3
3			SAND(SP)—trace silt, fine, uniform.								10
4											15
5											20
6											25
7											30
8											
9											
10											

N7681000 E496300 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE
☐ GRAB ☐ CORE
☐ CRREL BARREL ☐

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
201A-C

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Zone 2

Source #201
0101-4575.6

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO.	Q								
0			PEAT (PT)							08
1			Test Pit Ends at 2.0'.							
2										
3										
4										
5										
6										
7										
8										
9										
10										

N7680500 E497000 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE
☐ GRAB ☐ CORE
☒ CRREL BARREL ☐

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
201A-D

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory RKL 1973, Zone 2				Source #201 0101-4575.8										
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)		LIQUID LIMIT		SPECIAL TESTS	UNIT
TYP	NO.	Q				20	40	60	80					
0			PEAT(PT)											OB
1			SAND(SP)—little fine gravel, trace silt, uniform.											
2														
3														
4														
5														
6														
7														
8														
9														
10														

N7680400 E497000 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE

GRAB

CORE

CORE BARREL

CORE

CORE BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
201A-E

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Zone 2

Source 201
0101-4575.8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
TYP	NO.	Q				20	40	60	80								
			PEAT(PT)													0	
			SAND(SP)—trace fine gravel, trace silt, fine to medium.													0B	
																5	
																10	
																15	
			Test Pit on lakeshore exposure. Test Pit Ends at 15.0'.													20	
																25	
																30	

N7679800 E497500 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE
☐ GRAB ☐ CORE
☐ CRREL BARREL ☐

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
201A-F

BOREHOLE LOG AND LABORATORY TEST RESULTS

IA Granular Resources Inventory
RKL 1973, Zone 2

Source #202
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				1	2	3	4	5	6	7	8	9			
0			SILT(OL)-organic														0
1		A	SAND(SP)-trace silt, uniform, fine.			•										08	
2																	5
3																3	10
4																	
5			Bank face logged in field. Test Pit Ends at 15.0'.														15
6																	20
7																	25
8																	30
9																	
10																	

N7688950 E493000 Z8
Coordinates Estimated
Richards Island, NWT

|||| GRAB
||| CORE
X| CORREL BARREL

SAMPLE TYPE
CORE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
202A-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Zone 2

Source 203
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
	TYP	NO. Q								
0			PEAT(P.T.)—some topsoil							OB
1			SAND(SP)—trace silt, very fine, uniform.							3
2										
3			Bank face logged in field. Test Pit Ends at 8.0'.							
4										
5										
6										
7										
8										
9										
10										

N7688300 E496500 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE
☐ GRAB ☐ CORE
☐ CRREL BARREL ☐

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
203A-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory				Source #204											
RKL 1973, Zone 2				0101-4575.8											
SAMPLE		SOIL DESCRIPTION		GROUND ICE DESCRIPTION		TEMP C		PLASTIC LIMIT		WATER CONTENT (%)		LIQUID LIMIT		SPECIAL TESTS	
TYP	NO. Q														
0		SAND(SM)—little silt, trace organics, fine uniform.												3	
1	A	SAND(SW)—and gravel, max. 1 inch, rounded to subrounded, well graded.												1	
		Test Pit Ends at 4.0'.													
2															
3															
4															
5															
6															
7															
8															
9															
10															

N7657300 E526100 Z8

Coordinates Estimated

Richards Island, NWT

SAMPLE TYPE

GRAB

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS

INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE NUMBER

204-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory RKL 1973, Zone 2				Source 204 0101-4575.8						SPECIAL TESTS	UNIT
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT				
TYP	NO. Q										
0	B	GRAVEL (GM) - and sand.			20	40	60	80		3	0
		SAND (SW) - little gravel, well graded, clean.								1	
1		Test Pit Ends at 2.5'.									
2											
3											
4											
5											
6											
7											
8											
9											
10											

N7656000 E526300 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE

GRAB
 CORE
 CORE BARREL

CORE
 CORE BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
204-B

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Zone 2

Source 204
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			SAND(SP)—and gravel, coarse gradation, trace cobbles, no visible ice.																3	0
1		1		Nf																
2		2	GRAVEL(GW)—and sand, trace silt, well graded, no visible ice.	Nf															2	5
3			ICE(I)—trace gravel inclusions.																	10
4																				15
5																				20
6																				25
7																				30
8																				
9																				
10			Test Hole Ends at 30.0'.																	

N7654700 E526400 Z8
Coordinates Estimated
Richards Island, NWT

GRAB
CORE
CORREL BARREL

SAMPLE TYPE
CORE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
204-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Zone 2

Source #205
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT (PT)																OB	0
			SILT (OL) - organic.																	
			SILT (ML) - and sand, trace fine gravel.																	
1			Test Pit Ends at 2.3'.																	5
2																				
3																				10
4																				15
5																				
6																				20
7																				25
8																				
9																				30
10																				

N7694400 E510500 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE
☐ GRAB ☐ CORE
☐ CORREL BARREL ☐

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
205A-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

IIA Granular Resources Inventory
RKL 1973, Zone 2

Source 208
0101-4575.8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60	80	20	40	60	80	20	40	60	80			
0				GRAVEL (GW)																1	0
1				SAND(SP)-fine, uniform, clean.																3	
2				Test Pit Ends at 4.0'																	5
3																					10
4																					15
5																					20
6																					25
7																					30
8																					
9																					
10																					

N7694900 E520000 Z8
Coordinates Estimated
Richards Island, NWT

 GRAB
 CORE
 CORREL BARREL

SAMPLE TYPE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
206-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory				Source 206									
RKL 1973, Zone 2				0101-4575.8									
SAMPLE			SOIL DESCRIPTION			GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT WATER CONTENT (%) LIQUID LIMIT				SPECIAL TESTS	UNIT
TYP	NO.	Q						20	40	60	80		
B			GRAVEL(GW)-well graded.										
			SAND(SP)-fine to medium.										
			GRAVEL(GW)-and sand, maximum 2.5 inch, rounded to subrounded, well graded.										
			Test Pit Ends at 4.0'.										
0													0
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10

N7695500 E520500 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE

GRAB
 CORE
 CORE BARREL

CORE
 CORE BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
206-B

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Zone 2

Source #206
0101-4575.8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
TYP	NO.	Q				20	40	60	80	20	40	60	80	20	40	60	80			
																				0
																				1
																				5
																				10
																				15
																				20
																				25
																				30
																				35
																				40
																				45
																				50
																				55
																				60
																				65
																				70
																				75
																				80
																				85
																				90
																				95
																				100

N7696900 E522100 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE
GRAB CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
206-D

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Zone 2

Source #208
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20			
0			SILT(OL)—and organics, peat, roots, etc.													08	0
1	1		SAND(SW)—trace gravel, trace silt, well graded, trace ice inclusions.	Vx		•										2	
2	2		SAND(SM)—trace gravel, some silt, trace clay, organic, trace ice inclusions.	Vx			•									4	5
3			ICE(I)—with sand and silt inclusions.														10
4			Test Hole Ends at 14.0'.														15
5																	
6																	20
7																	25
8																	
9																	30
10																	

N7694700 E520300 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE
 GRAB
 CORE
 CORREL BARREL


INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
206-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Zone 2

Source #208
0101-4575.8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60		20	40	60			
0				SILT(OL)—and organics, roots, peat, etc.											08	0
1		1		SAND(SM)—some silt, trace clay, fine uniform gradation, ice crystals.	Vx										4	1
2		2			Vx											5
2		3		GRAVEL(GW)—and sand, well graded.	Nf										3	6
				SAND(SP)—little gravel, trace silt, fine to medium gradation, no visible ice.												
3				ICE(I)—trace soil lensing and inclusion.												10
4																15
5				Test Hole Ends at 15.0'.												20
6																25
7																30
8																
9																
10																

N7696400 E520800 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE
 GRAB
 CORE
 COREL BARREL
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
206-4

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Zone 2

Source 206
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			SAND(SP)—trace silt, fine uniform gradation, no visible ice.																	0
1		1		NF															3	
2		2		NF																5
3			ICE(I)—clear.																	10
4																				15
5			Test Hole Ends at 15.0'.																	20
6																				25
7																				30
8																				
9																				
10																				

N7696800 E521600 Z8
Coordinates Estimated
Richards Island, NWT

GRAB
CORE
CRREL BARREL

SAMPLE TYPE
CORE
M

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
206-5

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Zone 2

Source #206
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80		
0			SILT(OL)—and organics, roots, peat, etc																0
1		1	SILT(ML)—and sand fine uniform, non-plastic, ice lenses and inclusions.	VsVx															
2		2		VsVx															5
3			ICE(I)—trace silt inclusions.																10
4			SILT(ML)—some sand, fine uniform ice crystals.																15
5		3		VsVx															20
6			Test Hole Ends at 20.0'.																25
7																			30
8																			
9																			
10																			

N7697500 E522500 Z8
Coordinates Estimated
Richards Island, NWT

|||| GRAB

|||| CRREL BARREL

SAMPLE TYPE
CORE
||||

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
206-6

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Zone 2

Source 207
0101-4575.6

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q									
0			SILT(OL)-organic							OB	0
1	A		SAND(SW)-little gravel, max. 1 inch, well graded.							1	1
2			Test Pit Ends at 3.0'.								5
3											10
4											15
5											20
6											25
7											30
8											
9											
10											

N7693800 E519700 Z8
Coordinates Estimated
Richards Island, NWT

GRAB

CRREL BARREL

SAMPLE TYPE

CORE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
207-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Zone 2

Source #207
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
	TYP	NO. Q								
0			GRAVEL (GW) - well graded.							1
			SAND (SP) - clean, fine to medium							3
1			Test Pit Ends at 3.0'							
2										
3										
4										
5										
6										
7										
8										
9										
10										

N7691700 E518800 Z8
Coordinates Estimated
Richards Island, NWT

GRAB
CORREL BARREL

SAMPLE TYPE
CORE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
207-C

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Zone 2

Source #207
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			SILT (OL)—and organics, roots, peat, etc.																OB	0
1		1	SAND (SP)—trace gravel, trace silt, fine gradation, ice lenses and inclusions increasing with depth.	VsVx		•													3	3
2		2		VsVx		•														5
2		3		VxVx			•												I	7
			ICE (I)—trace soil inclusion.																	
3			SILT (ML)—and ice lenses and inclusions																ML	10
			ICE (I)—trace of soil inclusions																I	12
4			Test Hole Ends at 15.0'.																	15
5																				17
6																				19
7																				21
8																				23
9																				25
10																				27

N7691900 E518900 Z8
Coordinates Estimated
Richards Island, NWT

 GRAB
 CORE
 CRREL BARREL

SAMPLE TYPE
CORE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
207-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Zone 2

Source #207
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60		80					
0			SILT (OL)—and organics, roots, peat, etc.												0
1		1	SILT (ML)—trace fine sand, trace organics —ice lenses and inclusions	VsVx							112				1
2		2		VsVx											2
3		3		VsVx											3
4			ICE (I)—with soil inclusions.												4
5															5
6															6
7			Test Hole Ends at 20.0'												7
8															8
9															9
10															10

N7626000 E519100 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE
 GRAB
 CORE
 CRREL BARREL
 CORE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
207-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory			Source #207		RKL 1973, Zone 2		0101-4575.8			
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO.	Q								
0			SILT(OL)-and organics, roots, peat, etc.							08
1	1		SAND(SP)-trace gravel, trace silt, fine to medium gradation, no visible ice.	Nf						3
2	2			Nf						5
3	3			Nf						10
4			ICE(I)-with silt lenses and inclusions.							15
5										20
6										25
7										30
8										
9										
10			Test Hole Ends at 15.0'							

N7692900 E519300 Z8

Coordinates Estimated

Richards Island, NWT

SAMPLE TYPE

GRAB
 CORE
 CRREL BARREL

CORE
 CORE
 CORE

INDIAN AND NORTHERN AFFAIRS

INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE NUMBER

207-3

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Zone 2

SOURCE 207
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60		80					
0			SILT(OL)—and organics, roots, peat, etc.												0
1		1	SILT(ML)—and sand, trace clay, fine uniform gradation, no visible ice.	Nbn											
2		2	SILT(ML)—and ice lenses to 1 inch thick.	Vs											5
3															10
4															15
5			Test Hole Ends at 15.0'												20
6															25
7															30
8															
9															
10															

N7693400 E519600 Z8
COORDINATES ESTIMATED
Richards Island, NWT

SAMPLE TYPE
 GRAB
 CORE
 CIRCUMFERENTIAL BARREL
 Mould

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
207-4

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Zone 2

Source #207
0101-4575.8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO. Q								
		SILT(OL)—and organics, roots, peat, etc.							OB
	1	SAND(SP)—trace gravel, trace silt, fine to medium uniform gradation, ice lensing and inclusions.	VsVx						
	2		VsVx						
	3		VsVx						3
	4		VsVx						
	5		VsVx						
	6	SILT(ML)—and sand, fine uniform gradation, ice crystals and inclusions.	Vx						ML
		Test Hole Ends at 30.0'.							

N7693900 E519700 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE
GRAB CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
207-5

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, Zone 2

Source #208
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q									
0	A		SILT(OL)-organic							OB	0
			SAND(SM)-some silt, fine uniform, frozen							4	
1			Test Pit Ends at 2.0'								
2											5
3											10
4											15
5											20
6											25
7											30
8											
9											
10											

N7700000 E526800 Z8
Coordinates Estimated
Richards Island

SAMPLE TYPE
 GRAB
 CORE
 COREL BARREL
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
208A-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #209
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
	TYP	NO. Q								
0	A		SAND(SP)-trace silt, fine, uniform gradation.							3
1										
2										
3										
4										
5										
6										
7										
8										
9										
10			Bank exposure logged in field. Test Pit Ends at 6.0'							

N7718700 E525000 Z8
Coordinates Estimated
Richards Island

GRAB
CRREL BARREL

SAMPLE TYPE
CORE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
209-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

IA Granular Resources Inventory
RKL 1973, ZONE 2

Source #210
0101-4575-8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO.	Q								
0			SILT(OL)—and organics, roots, peat, etc.							0
1			SILT(OL)—trace fine sand, some organics, ice lenses and inclusions.							
1	1			VsVx						
2										5
3										10
4			ICE(I)—trace soil inclusions.							15
5			Test Hole Ends at 15.0'.							20
6										25
7										30
8										
9										
10										

N7710300 E523500 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE
☒ GRAB ☐ CORE
☒ CRREL BARREL ☐

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
210A-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory RKL 1973, ZONE 2				Source #210 0101-4575-8						SPECIAL TESTS	UNIT	
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT					
TYP	NO. Q											
0		SILT(OL)—and organics, low plastic, ice crystals and inclusions, frozen										0
1		ICE(I)—with soil lenses and inclusions										08
2												5
3		SAND(SM)—and silt, fine uniform gradation, ice lenses and inclusions.										10
4	1		VsVx									15
5		Test Hole Ends at 15.0'.										20
6												25
7												30
8												
9												
10												

N7710300 E583100 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE

GRAB

CORE

CORREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
210A-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

IA Granular Resources Inventory BBT 1983			Source #211 0101-4573.8						SPECIAL TESTS	UNIT
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			
TYP	NO.							Q		
0			SAND (SP)—poorly graded, fine brown, some c-m sand, trace silt, trace gravel, damp, loose to 1.5m, frozen below							0
1	1			Nf						
2	2		-layer of medium sand	Vs 5%						5
3	3		SAND (SP)—poorly graded, c-m-f, grey, little to some fine gravel							10
4	4		-trace coal in sample, 15% to 20% excess water upon thawing	Vs 10%						15
5			SAND (SP)—poorly graded, fine, some medium sand, grey, contains 10mm to 15mm peices of coal in layers, layered structure of silt and sand							20
6	5									25
7	6		ICE and SILT (5%), thin layers, grey, clayey							30
8			SAND (SP)—poorly graded, fine silty, very ice rich, layered structure of silt and sand							
9			Test Hole Ends at 9.1 m.							
10										

N7693395 E531350 Z8
Coordinates Estimated
Tuktoyaktuk, NWT

SAMPLE TYPE

GRAB
 CORE
 CORE BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
211-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

IA Granular Resources Inventory BBT 1983			Source #211 0101-4575.8						SPECIAL TESTS	UNIT	DEPTH (ft)
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT				
TYP	NO. Q										
0		SILT-(ML)-and fine sand, ice rich, brown, layered, thin organic cover									0
1	1		Vs 30% to 40%								08
2	2	SAND-(SM)-fine brown, little silt, possible layered structure, 5% excess water upon thawing	Nbe to Vs 5%								5
3	3										4
4		ICE-(I)									10
5	4	ICE and SAND-(I)-fine, some low plastic silt, brown, layered structure, peices of coal, twigs in soil layers, 50% to 75% excess water upon thawing	Ice								15
6	5		Ice+								20
7											25
8		-becomes very silty, with organics									
9	6										30
10		Test Hole Ends at 9.0m									

N7628705 E531290 Z8 Coordinates Estimated Tuktoyaktuk, NWT		SAMPLE TYPE  GRAB  CORE  CORE BARREL		INDIAN AND NORTHERN AFFAIRS INUVIALUIT LAND ADMINISTRATION DRAWING NUMBER		BOREHOLE NUMBER 211-2
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BOREHOLE LOG AND LABORATORY TEST RESULTS

IA Granular Resources Inventory
BBT 1983

Source #211
0101-4573.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q									
0			SILT (ML)—low plastic, brown, trace gravel to 50mm, some sand, wet upon thawing	N						08	0
1		1		Nb						3	5
2		2	SAND (SP-SM)—poorly graded, very fine, grey-brown, trace silt, trace coal, contains thin layers of segregated ice, 5% to 10% excess water upon thawing	Nb to VS 2%						2	10
3		3		Vs 5%						1	15
4		4	SAND (SP)—poorly graded, c-m, and fine gravel, clean, grey-brown, low ice content, wet upon thawing	Vs 5%						2	20
5		5		Vs 5%						1	25
6		6	GRAVEL (GW)—well graded, and c-m-f sand, grey-brown, low ice content, wet upon thawing								30
7			ICE and SAND (I)								35
8			SAND (SP)—poorly graded, c-m, and fine gravel, clean, grey-brown								40
9			ICE (I)— 2% silt inclusions								45
10											50
11											55
12											60
13			Test Hole Ends at 12.1 m.								65
14											
15											
16											
17											
18											
19											
20											

N7692710 E531600 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE
CORE
CORREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
211-3

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory BBT 1983			Source #211 0101-4575.8									
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT		SPECIAL TESTS	UNIT	
TYP	NO.	Q										
0			SAND-(SP)-poorly graded, c-m, little fine gravel, brown, loose	Nf							0	
1	1										3	
2	2		SAND-(SW)-well graded, c-m-f, some fine gravel, brown, loose to 2.0 m, frozen below	Nf							5	
3			SAND-(SP)-poorly graded, fine, grey, layered structure with silt, contains 10 mm to 15 mm layers with coal peices, layers of roots, twigs, organics, 5% to 10% excess water upon thawing	Nb to Vs							10	
4	3										15	
5											3	
6	4			Nb to Vs 5s							20	
7											25	
8			SAND-SP-poorly graded, c-m-f, little fine gravel, grey, 5% excess water upon thawing	Nb to Vs 5s							30	
9	5		ICE-(I)	Vr 25%								
	6		SILT-(ML)-grey, nonplastic, very ice rich									
10			Test Hole Ends at 9.2m									

N7692495 E531230 Z8 Coordinates Estimated Tuktoyaktuk, NWT		GRAB CORE CRREL BARREL	SAMPLE TYPE INDIAN AND NORTHERN AFFAIRS INUVIALUIT LAND ADMINISTRATION DRAWING NUMBER	BOREHOLE NUMBER 211-5
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BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory				Source #211													
BBT 1983				0101-4575.8													
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)				
TYP	NO.	Q															
0			SAND-(SM)-silty, fine, grey, frozen										0				
	1			Nb								4					
1																	
	2		SILT-(ML)-low plastic, grey, little fine sand, layered structure, coal peices, twigs, roots, etc, very ice rich	Vr,Vs30%-40%									5				
2																	
			-0.15 m thick layer of ice at 2.8 m														
3																	
	3																
4																	
	4																
5			ICE-(I)-trace silt														
	5																
6			SILT-(ML)-low plastic, grey, little fine sand, layered, ice rich	Vs 40%													
7																	
			Test Hole Ends at 6.0m														
8																	
9																	
10																	

N7692030 E530950 Z8		SAMPLE TYPE		INDIAN AND NORTHERN AFFAIRS		BOREHOLE NUMBER 211-6
Coordinates Estimated Tuktoyaktuk, NWT		▨ GRAB ▨ CORE ▨ CRREL BARREL		INUVIALUIT LAND ADMINISTRATION DRAWING NUMBER		

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
88T 1983

Source 211
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			SAND-(SP)-poorly graded, fine, grey, loose to 0.6m, frozen below, trace to no silt, wet with 0% to 5% excess water upon thawing																	0
1																				
2		1		Nb															3	5
3		2		Nb																
4			SAND-(SM)-fine, silty, grey, layered structure, coal peices, twigs, very ice rich																4	10
5			ICE and SILT-(I)-grey, layered structure																1	15
6			Test Hole Ends at 6.0m																	20
7																				
8																				25
9																				30
10																				

N7692435 E539760 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE
CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
211-7

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory				Source #211											
BBT 1983				0101-4575.8											
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT			
TYP	NO.	Q													
0			SAND-(SW)-well graded, little fine gravel, brown, loose, damp when thawed	Nf									0		
1	1											1	5		
2	2		SAND-(SP)-poorly graded, fine, grey, wet upon thawing, layered structure, coal peices, twigs	Vs 30s									10		
3	3		-becomes ice rich below 3.0 m depth, in layers										15		
4	4												20		
5	5												25		
6	6												30		
7	7		SAND-(SP)-poorly graded, c-m-f, some fine gravel, grey, wet upon thawing, 50 mm max. size	Vs 5s											
8															
9			Test Hole Ends at 8.8 m												
10															

N7691465 E530960 Z8		SAMPLE TYPE		INDIAN AND NORTHERN AFFAIRS		BOREHOLE NUMBER 211-8
Coordinates Estimated Tuktoyaktuk, NWT		GRAB CORE CRREL BARREL		INUVIALUIT LAND ADMINISTRATION DRAWING NUMBER		

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
BBT 1983

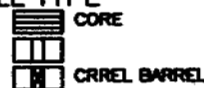
Source #211
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60		80					
0			SAND-(SP)-poorly graded, c-m, trace fine gravel, brown, loose to 1.8 m, frozen and ice rich below, grey below 2.0 m												0
1		1		NF											
2															5
3		2		Vs 10to20s											10
4		3													
5		4	SAND-(SW)-fairly well graded, c-m-f, grey, some fine gravel											2	15
6		5	SAND-(SP)-poorly graded, m-f, grey, wet upon thawing, layered structure, coal pieces	Vs 5s										3	20
7			Test Hole Ends at 8.0m												
8															25
9															30
10															

N7691350 E530900 Z8
Coordinates Estimated
Tuktoyaktuk, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
211-9

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #211
0101-4575-8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	
TYP	NO.	Q									
B			GRAVEL (GP) - fine							3	
			SAND (SW) - little gravel, clean, well graded.								1
			Test Pit Ends at 4.0								

DEPTH (m)

DEPTH (ft)

N7691100 E530800 Z8
Coordinates Estimated
Richards Island, NWT

GRAB
COREL BARREL

SAMPLE TYPE
CORE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
211-B

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #211
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO. Q								
C	Q	GRAVEL (GP) - fine.							3
		SAND (SW) - little gravel to 1 inch, clean, well graded							1
		Test Pit Ends at 4.0'.							

N7890300 E530100 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE
 GRAB
 CORE
 CORREL BARREL


INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
211-C

BOREHOLE LOG AND LABORATORY TEST RESULTS

IA Granular Resources Inventory
RKL 1973, ZONE 2

Source #211
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO.								
0		GRAVEL(GP)-fine							3
1	D	SAND(SW)-and gravel, max.3 inch, clean, rounded to subangular, well graded.							1
2		Test Pit Ends at 4.0'.							5
3									10
4									15
5									20
6									25
7									30
8									
9									
10									

N7689500 E527900 Z8
Coordinates Estimated
Richards Island, NWT

GRAB
CORREL BARREL

SAMPLE TYPE
CORE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
211-D

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RGL 1973, ZONE 2

Source #211
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO. Q								
0		SAND(SP)-trace gravel, trace silt, fine to medium gradation, loose, no visible ice.							
1	1		Nf						
2	2		Nf						
3	3		Nf						
4	4		Nf						
5		SAND(SP)-and ice lenses and inclusions, trace silt, fine gradation.							
6	5								
7		Test Hole Ends at 14.0'.	VsVx						
8									
9									
10									

N7693100 E531400 Z8
Coordinates Estimated
Richards Island, NWT

GRAB
CORREL BARREL

SAMPLE TYPE
CORE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
211A-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #211
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			SAND(SP)—little gravel, trace silt, med. to coarse gradation, loose, no visible ice.	Nf															3	0
1		1																		
2		2	SAND(SM)—trace gravel, some silt, trace clay. Some ice crystals and inclusions increasing with depth.	Vx																5
3		3		Vx																10
4		4	Test Pit Ends at 14.0'.	Vx																15
5																				
6																				20
7																				25
8																				
9																				30
10																				

N7692200 E531000 Z8
Coordinates Estimated
Richards Island, NWT

 GRAB
 CORE
 CRREL BARREL

SAMPLE TYPE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
211A-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #211A
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC WATER LIQUID				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				INDEX	CONTENT (%)	LIMIT	LIMIT			
0			SAND(SP)-trace gravel, trace silt, medium to coarse gradation, loose, no visible ice.									0
1		1		Nf								
2		2		Nf								5
3		3	SAND(SP)-trace gravel, trace silt, fine to medium gradation, trace ice inclusions.	Vx								10
4		4		Vx								15
5												
6		5		Vx								20
7												
8		6	SAND(SP)-trace gravel, little silt, trace clay, fine uniform gradation, ice lenses and inclusions.	VsVx								25
9												
10		7	Test Hole Ends at 30'.	VsVx								30

N7690700 E530100 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE
GRAB CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
211A-3

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #211
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
TYP	NO. Q									
0		SILT(OL)—and organics, roots, peat, etc.							OS	0
1	1	SAND(SM)—little silt, trace clay, nonplastic, ice crystals.	Vx		•				4	
2	2	SILT(ML)—and sand, little clay, nonplastic, ice lenses and inclusions.	VsVx				19			5
3	3		VsVx		•					10
4	4	SAND(SM)—and ice lenses and inclusions, some silt, fine uniform gradation.	VsVx		•				4	15
5		Test Hole Ends at 14.0'.								
6										20
7										25
8										
9										30
10										

N7689500 E527900 Z8
Coordinates Estimated
Richards Island, NWT

GRAB

CRREL BARREL

SAMPLE TYPE

CORE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE
NUMBER
211A-4

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION				Source #211															
EBA 1986				101C-4480															
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT
TYP	NO.	Q																	
DEPTH (m)	0	1		SAND(SM)-silty, trace rootlets, massive, light brown	Nbn														0
	1	2				-fine-grained, uniform, homogeneous, medium brown													
	2	3																	5
	3	4																	
	4	5		-trace coal specks disseminated throughout	Nbn, trace Vr														
	5	6																	
	6	7		-stratification faintly evident															
	7	8																	
	8	9																	
	9	10																	
	10	11																	
	11	12																	
	12	13																	
	13	14																	
	14	15		END OF BOREHOLE	10.2 m														

N7 689 914 E 533 432 Z8

Coordinates Surveyed

Richards Island, NWT

SAMPLE TYPE

GRAB

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS

INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE NUMBER

211ES01

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION
EBA 1986

Source #211
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0		1	ROOT MAT	Nf																0
		2	ORGANIC SILT(OL)—trace fine-grained sand, nonplastic, light brownish grey —becoming by 0.3 m	Nbn																
1		3	SILT(ML)—trace to some silt, silt content increases to silty with depth, fine-grained, uniform, homogeneous, thinly bedded, wavy, non-parallel —dark olive																	5
2		4	—becoming by 1.2 m: SILT(ML) AND SAND	Nbn, trace Vr																
		5	ICE—clear, air bubbles throughout																	
3		6																		10
		7	SILT(ML)—sandy, fine-grained, uniform, homogeneous, nonplastic olive brown	Nbn, trace Vr																
4		8																		
		9	—20 mm lens of ICE—clear	Vr 5%																15
5		10																		
		11	—massive	Nbn																
6		12																		20
		13																		
7		14																		
		15																		
8		16																		25
		17																		
		18																		
		19																		
9			END OF BOREHOLE 8.5 m																	30
10																				

N7 689 250 E534 150 Z8
Coordinates Surveyed
Richards Island, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
211ES02

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION				Source # 211											
EBA 1986				0101-4575.8											
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (m)	DEPTH (ft)	
TYP	NO.	Q													
0	1		SAND(SP)-trace silt, fine-grained, uniform, massive, medium, brown	Nbn-Nf									0		
1	2		-light greyish brown	Nbn									5		
2	3		-dark grey										10		
3	4												15		
4	5		-fine-grained, uniform, olive grey										20		
5	6		-occasional very thinly bedded										25		
6	7		SILT (ML) lens 5mm thick, even parallel, continuous	Vx 5%									30		
7	8		-DRILLER'S NOTE: hard coring										35		
8	9		-vertical ice lenses 2 mm thick, clear	Nbn, trace Vr									40		
9	10												45		
10	11		-medium to fine-grained, thinly bedded, wavy, nonparallel										50		
11	12		-trace coal										55		
12	13		-very thinly bedded lens of coal and wood fragments curved										60		
13	14												65		
14	15		-trace to some silt												
15	16														
16	17		-thinly bedded lenses of coal 10 mm to 20 mm thick	Nbn											
17	18		-petrified woody organics and coal evident												
18	19		-coal and organic lenses thinly bedded to 40mm												
19	20		-fine-grained, uniform												
20	21		-organics and coal disseminated throughout												
21	22														
22	23		ICE-(I)-clear, trace sand particles disseminated throughout												
23	24		End of Borehole 15.2 m (27.2 m E1).												

N7 689 204 E 526 563 Z8

Coordinates Surveyed

Richards Island, NWT

SAMPLE TYPE

GRAB
 CORE
 CORE BARREL

INDIAN AND NORTHERN AFFAIRS

INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE NUMBER

211S01

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION EBA 1986				Source #211 0101-4575.8						SPECIAL TESTS	UNIT	
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT					
TYP	NO. Q											
0	1	SAND(SP-SM)-trace to some silt, trace of gravel on surface, uniform, homogeneous, light greyish brown	Nf									0
1	2	-trace silt										
2	3	-trace gravel, trace silt, medium to fine-grained sand, uniform gravel to 40 mm, smooth, massive, dark olive grey										
3	4	-trace gravel to 20 mm, thickly laminated, even, parallel, continuous, regularly spaced olive brown and dark olive										
4	5	-without gravel										
5	6											
6	7	-coarse to fine-grained sand, massive										
7	8											
8	9											
9	10											
10	11	ICE- clear, air bubbles throughout										
	12	End of Borehole 7.0 m (30.9 m El.)										

N7 689 552 E 527 906 Z8
Coordinates Surveyed
Richards Island, NWT

SAMPLE TYPE

GRAB

 CORE

 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
211S03

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION				Source #211									
EBA 1986				0101-4575.8									
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT		SPECIAL TESTS	UNIT	DEPTH (m)	DEPTH (ft)
TYPE	NO.	Q											
	1		SAND(SP) - gravelly, trace silt, coarse to fine grained sand, poorly graded, subangular clasts to 50mm brown	Nf								0	
	2		-becoming by 0.8 m:									5	
	3		SAND and GRAVEL(SP) - trace silt, gravel to 50mm, subangular	Nbn-Nbe								10	
	4		-some gravel, clasts to 10mm rounded, massive, medium to fine grained sand									15	
	5		-becoming by 2.0 m:	50:50								20	
	6		SAND(SP) - trace silt, fine-grained, uniform, medium grey	Nbn-Nbe								25	
	7		-massive, mottled medium grey and light iron oxide staining									30	
	8		-coal fragments to 20 mm									35	
	9		-very thinly bedded lenses of coal									40	
	10		-10 mm lens of SILT TILL (ML) - clayey, dark grey									45	
	11		-6 mm lens of ICE									50	
	12		-becoming trace to some coal with clasts to 10 mm									55	
	13		SAND(SW) - trace silt, trace coal, well graded massive, medium to dark grey, with random light iron oxide staining	Nbn								60	
	14		SAND(SP) - medium to fine-grained									65	
	15		-occasional coal fragments to 3 mm disseminated throughout										
	16		-very thinly cross bedded coal lenses at a 10 degree angle										
	17		-angular coal clasts 10mm to 15mm										
	18		-trace gravel, occasional thinly bedded lens of SILT (ML)										
	19		-occasional very thinly bedded lens of SILT (ML) 1mm thick, brown										
	20		-dark olive grey										
	21		-occasional very thinly bedded lens of organics and coal at a 30 degree angle, even, parallel, continuous										
	22		-trace gravel, coarse to fine-grained	70:30									
	23		ICE+SAND (SP) - thickly laminated	50:50									
			ICE-clear, trace very thin sand laminae	0									
			ICE+SILT (ML) - sandy, 100 mm lens										
			ICE-clear										
			END OF BOREHOLE 18.3 m (13.8 m El.)										

N7 689 361 E 528 747 Z8

Coordinates Surveyed

Richards Island, NWT

SAMPLE TYPE

GRAB
 CORE
 CRREL BARREL

INDIAN AND NORTHERN AFFAIRS

INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE NUMBER

211S04

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION EBA 1986			Source #211 0101-4575.8											
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (m)	DEPTH (ft)	
TYP	NO. Q													
0	1	ROOT MAT ORGANIC SILT(OL)—some fine-grained sand, very thinly bedded, wavy, wavy, occasional thinly bedded lens of dark brown to black organics, light grayish brown	Nf								OB	0		
1	2	SAND(SP-SM)—trace silt, trace woody organics to 20mm in diameter, occasional thinly bedded lens of fibrous organics, curved, grayish olive	Nbn								3	5		
2	3	SAND(SW)—gravelly, trace silt, trace coal and organics, gravel to 20mm, well graded, angular, smooth, massive	Vc-Vx 15%								2	10		
3	4	-20 mm ICE lens -occasional thinly bedded lens of GRAVEL-(GM)—silty -DRILLER'S NOTE: coarse gravel, unable to advance CRREL barrel drill with solid auger	60:40											
4	5	ICE+SAND(SP)—fine-grained, very thinly bedded, wavy, nonparallel -becoming by 4.1 m:	Nbn								3	15		
5	6	SAND(SP)—trace silt, trace organics and coal disseminated throughout, medium to fine-grained, uniform, massive	Vr-Vx 5%											
6	7	dark olive grey -coal fragments to 10 mm and woody organics disseminated throughout -some organics, wood fragments and petrified organic matter												
7	8	-10 mm thinly bedded PEAT(PT) lens, dark brown to black wavy	Vc-Vx 5%											
8	9	SAND(SP)—trace silt												
9	10	GRAVEL(GW)—sandy, trace silt, gravel to 75 mm, smooth, subrounded, to subangular, well graded	Nbn											
10	11	SAND(SP)—trace silt, medium to fine-grained												
	12	dark olive grey -trace gravel to 10 mm -trace gravel to 25 mm, trace coal fragments												
	13	SAND(SP/SW)—trace silt, coarse to fine-grained												
	14	SAND(SW)—trace gravel, trace silt, well graded												
	15													
	16													
	17													

N7 689 486 E 529 857 Z8 Coordinates Surveyed Richards Island, NWT		▨ GRAB ▨ CORE ▨ CRREL BARREL		SAMPLE TYPE INDIAN AND NORTHERN AFFAIRS INUVIALUIT LAND ADMINISTRATION DRAWING NUMBER		BOREHOLE NUMBER 211S05 PAGE 1 OF 2	
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BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION EBA 1986				Source #211 0101-4575.8						SPECIAL TESTS	UNIT
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT(%)	LIQUID LIMIT			
TYP	NO.	Q									
10	17		SAND(SP)-trace silt,medium to fine-grained -occasional thickly laminated SILT (ML) lens								
11	18		-trace fibrous organics	Vx-Vr 5s							
12	19			Nbn							
13	20		-some silt,occasional cross bedded organic laminae 1 mm thick at a 30 degree angle even parallel continuous								
14	21		-trace to some silt,fine-grained								
15	22										
16	23		-trace silt, medium to fine-grained, uniform, dark olive grey with thickly laminated vertical SILT(ML) lenses,brown								
17	24										
18	25		-coal and petrified wood fragments disseminated throughout								
19	26										
20	27		-cross bedded coal and organic laminae at a 40 degree angle, even,parallel,continuous								
21	28			Vx 5s							
22	29		-very thinly bedded lens of medium grained sand	Nbn-Vx 5s							
23	30										
24	31		-100 mm lens of coal,wood fragment matter								
25	32		-homogeneous								
26			-medium to fine-grained sand								
			END OF BOREHOLE	19.5 (14.1 m El.)							

N7 689 486 E 529 857 Z8
Coordinates Surveyed
Richards Island, NWT

SAMPLE TYPE

GRAB
 CORE
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
211S05
PAGE 2 OF 2

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION
EBA 1986

Source #211
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80				
0			GRAVEL(GP)—sandy, trace silt, coarse to fine grained sand, fine grained gravel, subrounded, clasts to 20mm, massive	Nf													0
1		1	—becoming by 0.4 m:														
2		2	SAND(SP)—trace gravel to 15 mm, trace silt, coarse to fine grained sand, medium brown														5
3		3	—medium to fine-grained														
4		4	—trace coal specks, fine-grained, massive, medium to dark grey	Nbn													
5		5	—with iron oxide staining														
6		6															10
7		7	—occasional 5 mm coal clast														
8		8															
9		9															15
10		10	—trace petrified wood to 10 mm														
11		11	—150 mm lens of coal	Vr-Vs 15-20%													20
12		12															
13		13															25
14		14	ICE+SAND(SP)—occasional very thinly bedded lens of SILT(ML), sandy, 3 mm thick, randomly spaced														
15		15	—becoming by 9.7 m:														30
16		16	SAND(SP)—trace silt, trace coal, fine-grained, medium grey														
17			END OF BOREHOLE 9.8 m (33.4 m El.)														

N7 690 185 E 530 169 Z8
Coordinates Surveyed
Richards Island, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
211S06

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION				Source #211									
EBA 1986				0101-4575.8									
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT(%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (m)	DEPTH (ft)
TYP	NO. Q												
	1	SAND(SP-SM)-some gravel, trace silt, coarse to fine-grained sand, subrounded clasts to 20 mm, light brown	Nf									0	
	2	-20 mm lens of ORGANIC SILT(OL)-trace to some gravel, dark brown											
	3	-becoming by 0.6 m:											
	4	SAND(SM)-some silt, trace gravel, medium to fine-grained sand, subrounded clasts to 10mm, light brown	Nbn									3	5
	5	-trace gravel to 10 mm disseminated throughout, trace coal specks, fine-grained sand, massive											
	6	-some coal clasts to 10 mm											
	7	-occasional very thinly bedded lens of SILT(ML) 5mm thick, even parallel, continuous	Nbn Vs 30-50%									10	
	8	ICE+SILT(ML)-thinly bedded alternating lenses to 10 mm thick, even, parallel, continuous	80:20										
	9	-clear ice	50:50										
	10	-trace clay in soil matrix, low plastic, medium greyish brown	80:20										
	11	SAND(SM)-silty, fine-grained, uniform, light brown	Vr-Vx 20%										
	12	-silt content decreases with depth	Nbn										
	13	-becoming by 5.8 m:	70:30										
		SAND(SP)-trace silt, trace coal specks, fine grained, dark grey											
		ICE+SILT(ML)-trace clay, medium brown											
		SAND(SP)-trace silt, trace coal specks, fine grained, dark grey											
		-occasional thinly bedded lens of SILT (ML) 20mm thick, iron oxide staining											
		ICE+SILT(ML)-dark grey, clear ice											
		END OF BOREHOLE 7.3 m (34.3 m El.)											

Coordinates Surveyed
Richards Island, NWT

SAMPLE TYPE

GRAB
 CORE
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
211S07

BOREHOLE LOG AND LABORATORY TEST RESULTS

Source #211
9101-4575.8

DEPTH (m)

☐ GRAB


 CORE
 CRREL BARREL

BOREHOLE
NUMBER
211S08

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION				Source #211											
EBA 1986				0101-4575.8											
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT		SPECIAL TESTS	UNIT	DEPTH (m)	DEPTH (ft)		
TYP	NO.	Q													
	0		SAND(SW)-gravelly trace silt, well graded, gravel to 20 mm, dry, loose (poorly bonded), greyish brown	Nf											
	1														
	2														
	3														
	4		-hole sloughing from surface to 1.7m												
	5		-50 mm lens of PEAT(PT)-dark brown	Nbn											
	6		-becoming by 1.9 m:												
	7		SAND(SW)-trace gravel to 20 mm, trace silt, coarse to fine grained sand, well graded, massive, dark grey												
	8		-becoming by 2.4 m:												
	9		SAND(SP)-trace silt, fine grained, trace coal fragments, olive grey	Nbn											
	10		-occasional very thinly bedded lens of coal and petrified wood fragments, lenses 10mm thick, even												
	11		-parallel, continuous												
	12		-medium to fine-grained, grey												
	13		-becoming by 5.0 m:												
	14		SAND(SP/SW)-trace silt, coarse to fine-grained												
	15		-trace coal fragments and petrified wood disseminated throughout												
	16		ICE + SILT (ML)-sandy	Nbn-trace Vx											
	17		SAND(SP)-trace silt, trace coal, trace wood to 15 mm in diameter, medium to fine-grained												
	18		ICE + SILT (ML)-sandy												
	19		SAND(SP)-trace silt, medium to fine-grained												
	20		-becoming by 7.9 m:												
	21		SAND(SP/SM)-trace to some silt, fine-grained homogeneous, olive grey	50:50 60:40											
	22		ICE + SILT (ML)-sandy												
	23		ICE + SILT (ML)-sandy cont'd												
	24		SAND(SP)-trace silt, medium to fine-grained												
	25		-uniform massive												
	26		END OF BOREHOLE 12.2 m (29.7 m El.)												

N7 690 465 E 530 240 Z8

Coordinates Surveyed

Richards Island, NWT

SAMPLE TYPE

GRAB
 CORE
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS

INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE NUMBER

211S09

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION

EBA 1986

Source #211

0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT WATER CONTENT (%) LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80			
0			ROOT MAT								OB	0
		1	ORGANIC SILT(OL)—trace fine-grained sand, trace rootlets	Nf becoming Nbr								
1			SAND(SP)—trace silt, fine-grained, uniform, homogeneous, olive brown								3	
2		2										
		3	SILT(ML)—trace to some fine-grained sand, thickly laminated, wavy, non-parallel, nonplastic, dark greyish brown	Vs 25% Vs 5-10%								5
2		4	—trace to some clay	60:40 50:50							ML	
		5										
3		6	ICE+SILT(ML)									10
		7	—200 mm lens of SILT(ML)—trace clay, dark olive grey									
		7A	ICE—trace silt									
			SILT(ML)—clayey, low plastic, brown									
4			END OF BOREHOLE 3.7 m (39.1 m El.)									15
5												
6												20
7												
8												25
9												
10												30

N7 690 072 E 530 226 Z8

Coordinates Surveyed

Richards Island, NWT



SAMPLE TYPE

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE
NUMBER
211S10

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION				Source #211									
EBA 1986				0101-4575.8									
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT		SPECIAL TESTS	UNIT	DEPTH (m)	DEPTH (ft)
TYP	NO.	Q											
0			ROOT MAT										
	1		PEAT (PT) - dark brown										
			ICE + PEAT (PT) AND ORGANIC SILT (OL)	80:20									
			- trace gravel to 75 mm, smooth, subrounded	80:20									
1	2		ICE + SILT (ML) - trace sand, thickly laminated, even, parallel										
	3												
	4		SILT TILL (ML) - trace gravel, trace sand, trace clay, thickly laminated, dark olive grey	Vs 20%									
	5		- becoming by 1.8 m:	Vr 40%									
2	6A		CLAY TILL (CL) - silty, trace sand, low plastic	Vr-Vx 30-40%									
	7		- dark olive grey										
	8		SILT TILL (ML) - some clay, low plastic, dark greyish brown	50:50									
3	9		- becoming by 2.5 m: ICE AND SILT (ML)										
			- soil matrix contains both ice crystals and random ice lenses, approximately 30 to 40 %										
4			ICE + SILT (ML)					20					
			END OF BOREHOLE 3.45 m (33.7 m El.)										
5													
6													
7													
8													
9													
10													

N7 690 160 E 530 067 Z8

Coordinates Surveyed

Richards Island, NWT

SAMPLE TYPE

GRAB
 CORE
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS

INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE NUMBER

211S11

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #212
0101-4575-8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	
TYP	NO.	Q									
A			GRAVEL (GP) - fine							3	
			SAND (SW) - little gravel to 1 inch, clean, well graded.								1
			Test Pit Ends at 4.5'.								

DEPTH (m)

DEPTH (ft)

N7682500 E527100 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE
☐ GRAB ☐ CORE
☐ CRREL BARREL ☐ M

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
212-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #212
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
NO.	Q								
0		PEAT (PT)							OB
	B	SAND (SM) - some silt, fine, uniform.							4
1		Test Pit Ends at 3.0'.							
2									
3									
4									
5									
6									
7									
8									
9									
10									

N7682300 E527100 Z8
Coordinates Estimated
Richards Island, NWT

☐ GRAB
☐ CRREL BARREL

SAMPLE TYPE
☐ CORE
☐ M

INDIAN AND NORTHERN AFFAIRS
 INUVIALUIT LAND ADMINISTRATION
 DRAWING NUMBER

BOREHOLE
 NUMBER
 212-B

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #212
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	
	TYP	NO. Q									
0	C		PEAT (PT)							00	
			SAND (SM)—and silt, fine, uniform.							4	
1			Test Pit Ends at 2.5'								
2											
3											
4											
5											
6											
7											
8											
9											
10											

N7681600 E526800 Z8
Coordinates Estimated
Richards Island, NWT

GRAB
CORE
CRREL BARREL

SAMPLE TYPE
CORE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
212-C

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #212
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60		20	40	60			
0			SILT(OL)—and organics, roots, peat, etc												0
1		1	SILT(ML)—some fine sand, uniform gradation, low plastic, ice crystals and inclusions.	Vx											
2		2		Vx											
3		3		Vx											
			ICE(f)—clear.												
			ICE(l)—with soil lenses and inclusions.												
			Test Hole Ends at 15.0'.												
4															
5															
6															
7															
8															
9															
10															

N7680300 E528500 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE
GRAB CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
212-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #213
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	WATER CONTENT (%)				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				PLASTIC LIMIT	20	40	60			
0			GRAVEL (GW) - well graded.								1	0
			SAND (SP) - clean, fine, uniform.								3	
1			Test Pit Ends at 2.0'.									
2												
3												
4												
5												
6												
7												
8												
9												
10												

N7685900 E533700 Z8
Coordinates Estimated
Richards Island, NWT

GRAB
CORREL BARREL

SAMPLE TYPE
CORE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
213-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #213
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60	80	20	40	60	80	20	40	60	80			
0				SAND(SP)-clean, fine, uniform.															3	0	
1				Test Pit Ends at 2.0'.																5	
2																					10
3																					15
4																					20
5																					25
6																					30
7																					
8																					
9																					
10																					

N7684900 E535300 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE

 GRAB	 CORE
 CRREL BARREL	

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
213-B

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source 213
0101-4575-8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	
TYP	NO.	Q									
0			SILT(OL)-organic.				40	80		OB	
1			SAND(SP)-clean, fine, uniform.							3	
2		c	Test Pit Ends at 8.0'. Test Pit on river bank exposure.								
3											
4											
5											
6											
7											
8											
9											
10											

N7685400 E535300 Z8
Coordinates Estimated
Richards Island, NWT

☐ GRAB
☒ CORE
☒ CRREL BARREL

SAMPLE TYPE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
213-C

BOREHOLE LOG AND LABORATORY TEST RESULTS

RA Granular Resources Inventory
RKL 1973, ZONE 2

Source #214
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
	TYP	NO. Q								
0			SILT(OL)-organic.							00
			SAND(SM)-and silt. trace gravel.							3
1			SAND(SP)-fine to medium, uniform.							
			Test Pit Ends at 3.0'.							
2										
3										
4										
5										
6										
7										
8										
9										
10										

N7684400 E542000 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE
 GRAB
 CORE
 CIRCUMFERENTIAL BARREL
 M

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
214-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #215
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			PEAT(PT)-some silt																OB	0
1			SAND(SM)-and silt, fine, uniform.																4	5
2			SAND(SW)-and gravel, trace silt, well graded.																1	10
3			Test Pit Ends at 10.0'. Test Pit exposed on river bank.																	
4																				
5																				
6																				
7																				
8																				
9																				
10																				

N7861300 E532200 Z8
Coordinates Estimated
Richards Island, NWT

GRAB



CRREL BARREL



SAMPLE TYPE

CORE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE
NUMBER
215-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #216
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
	TYP	NO. Q								
0	A		SILT(OL)—organic							OB
			SAND(SM)—some silt, fine, uniform.							4
1			Test Pit Ends at 3.5'.							
2										
3										
4										
5										
6										
7										
8										
9										
10										

N7675900 E526400 Z8
Coordinates Estimated
Richards Island, NWT

GRAB
CORREL BARREL

SAMPLE TYPE
CORE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
216-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #216
0101-4575-8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	
TYP	NO.	Q									
B			GRAVEL (GP) - fine							3	
			SAND (SW) - trace gravel, clean, well graded, layered structure.								1
			Test Pit Ends at 3.9'.								

N7676400 E526700 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE
 GRAB
 CORE
 CRREL BARREL
 CORE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
216-B

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory				Source #216													
RKL 1973, ZONE 2				0101-4575-8													
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT					
TYP	NO.	Q															
0	C		GRAVEL(GP)fine									3					
			SAND(SP)-fine to med., clean.														
			Test Pit Ends at 4.0'.														
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

N7677300 E527500 Z8
Coordinates Estimated
Richards Island,NWT

SAMPLE TYPE

GRAB

CORE

CORE BARREL

CORE

CORE BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE
NUMBER
216-C

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #216
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			SILT (OL)—and organics, peat, roots, etc.																	0
1			ICE (I)—trace soil inclusion.																	5
2			ICE (I)—and SILT—lenses and inclusions.																	10
3																				15
4																				20
5			Test Hole Ends at 15.0'.																	25
6																				30
7																				
8																				
9																				
10																				

N7678800 E528400 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE
 GRAB
 CORE
 CRREL BARREL
 M

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
216-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

IA Granular Resources Inventory
RKL 1973, ZONE 2

Source #216
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				1	20	40	60	80	1	20	40	60			
0				SILT(OL)—and organics, roots, peat, etc.	Vx												OB	0
1		1		SAND(SM)—some silt, trace clay, fine uniform gradation, ice crystals and inclusions.														4
2				SILT(ML)—and sand, trace clay, fine uniform gradation, ice crystals and inclusions.														5
3					Vx												ML	10
4																		
5		2																
6																		
7																		
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66																		

N7677700 E527600 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE
 GRAB
 CORE
 CORREL BARREL
 M

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
216-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #216
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0			SILT(OL)—and organic, roots, peat, etc.																	0
1			SILT(ML)—and sand, fine, uniform gradation, nonplastic, ice crystals and coatings,VcVx																	5
2			ICE(I)—clear.																	10
3																				15
4																				20
5			Test Hole Ends at 15.0'.																	25
6																				30
7																				
8																				
9																				
10																				

N7677000 E527300 Z8
Coordinates Estimated
Richards Island,NWT

SAMPLE TYPE
☐ GRAB ☐ CORE
☒ CRREL BARREL ☐

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
216-3

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #216
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)	LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60	80		20	40	60	80			
0				SAND(SW)—some gravel, well graded, dry, loose, no visible ice.														0
1		1			Nf		•											1
2		2			Nf		•											5
3		3			Nf		•											
4		4		SAND(SP)—little gravel, some silt, trace clay, non plastic, ice crystals and coatings.	VcVx		•											10
5		5			VcVx		•											3
6				Test Hole Ends at 15.0'.														15
7																		20
8																		25
9																		30
10																		

N7676900 E527200 Z8
Coordinates Estimated
Richards Island, NWT

GRAB
CORE
CRREL BARREL

SAMPLE TYPE
CORE
M

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
216-4

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #218
0101-4575-8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			TESTS	UNIT	DEPTH (ft)		
TYP	NO.	Q				20			40			60						80	
0			SAND (SW)—little gravel, trace silt, well graded, no visible ice.	Nf													0		
1	1					Nf													5
2	2					Nf													10
3	3					Nf													15
4	4		SAND (SW)—trace gravel, little silt, well graded, ice crystals and inclusions.	Nf													20		
5	5			Vx													25		
6	6		SAND (SM)—little gravel, some silt, trace clay, well graded ice crystals and inclusions.	Vx													30		
7																	35		
8			ICE (I)—clear.														40		
9																	45		
10																	50		
11																	55		
12			Test Hole Ends at 30.0'.														60		
13																	65		
14																	70		
15																	75		

N7676600 E527200 Z8
Coordinates Estimated
Richards Island, NWT

GRAB

CRREL BARREL

SAMPLE TYPE

CORE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE
NUMBER
216-6

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #216
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. O															
0			SILT(OL)—and organics, roots, peat, etc.														0
1		1	SILT(ML)—some sand, fine, uniform, gradation, ice crystals and coating.	VcVx													
2		2		VcVx													5
3			Test Hole Ends at 15.0'.														10
4																	15
5																	20
6																	25
7																	30
8																	
9																	
10																	

N7676100 E526900 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE
 GRAB
 CORE
 COREL BARREL
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
216-7

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION
EBA 1986

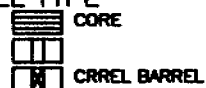
Source #216
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT WATER CONTENT (%) LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	NO.	Q				20	40	60	80			
0	1		PEAT(PT)-and root mat	Nbn								0
	2		ORGANIC SILT(OL)-sandy, fine-grained, uniform, homogeneous, medium brown									
1	3		-100 mm lens of PEAT(PT)-fibrous, dark brown	Nbn								
	4		-100 mm lens of ICE	Vs 30s								0.8
2	5		SILT(ML/OL)-some organics, with occasional thinly laminated lenses of coarse to medium-grained sand	Vs 20s								5
	6		PEAT(PT)-fibrous, dark brown to black	Vs-Vr 40s								
3	7		SILT(ML) thinly bedded, wavy, nonparallel, nonplastic, olive brown									
	8		-50 mm lens of ICE	Nbn								10
4	9		-ice content decreases with depth, randomly spaced 1 mm stratified lenses									
	10		-occasional thinly bedded lenses of fine-grained sand, lenses 10 mm thick	Vr 10s								15
5	11		SAND(SP)-trace silt, trace fibrous organics	Nbn								
	12		-fine-grained, uniform, homogeneous, olive brown									
6			-10 mm lens of petrified wood fragments, dark brown to black									
			-lens of coarse to medium-grained sand									
7			SILT(ML)-trace sand, occasional very thinly bedded medium-grained sand lens, 30 mm ice lens running randomly through the sample									20
			-becoming ICE+SILT(ML)									
8			ICE-clear									
9			END OF BOREHOLE 6.2 m									25
10												30

N7 676 451 E 526 336 Z8
Coordinates Surveyed
Richards Island, N.W.T



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
216S01

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION
EBA 1986

Source # 216
0101-4575.8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60	80	20	40	60	80				
0				SAND(SP-SM)-trace fine-grained subrounded to subangular gravel at surface, clean, medium-grained sand, medium brown	Nf												0	
1		1		-10 mm lens of ORGANIC SILT(OL)-trace fine-grained sand, dark brown to black	Nbn												3	
2		2		-silty, medium brown													5	
3		3		-clean, medium-grained, uniform, trace gravel to 15mm disseminated throughout, medium greyish brown	Nf 75:25												ML	
4		4		-becoming by 1.4 m: SAND(SM)-silty, medium greyish brown	Nbe												7.5	
5		5		-some silt, trace gravel to 5 mm, medium brown													10	
6		6		-trace silt, some fine-grained gravel, clasts to 15mm subangular	Nf-Nbn												3	
7		7		-dark greyish brown	Nbe												12.5	
8		8		ICE-SILT(ML)													15	
9				SAND(SP)-clean, coarse-grained, light greyish brown													17.5	
10				SILT TILL(ML)-trace gravel to 5 mm, medium greyish brown													20	
11				SAND(SP/SM)-trace to some silt, medium-grained, iron oxide staining, dark greyish brown													22.5	
12				-becoming by 2.8 m: SAND(SM) AND COAL AND ICE-silty, coal clasts to 20mm, light greyish brown													25	
13				-becoming by 3.1 m: SAND(SM)-silty, medium to fine-grained, medium brown, silt content decreases with depth													27.5	
14				-becoming by 3.2 m: SAND(SP)-trace silt to clean, trace coal fragments, medium grained, iron oxide staining, medium grey													30	
15				-coal fragments to 20 mm													32.5	
16				ICE													35	
17				SILT TILL(ML)-clayey, blocky, iron oxide staining dark grey													37.5	
18				END OF BOREHOLE 5.6 m (42.4 m El.)													40	

N7 677 265 E 527 077 Z8
Coordinates Surveyed
Richards Island, NWT

SAMPLE TYPE
 GRAB
 CORE
 CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
216S02

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION				Source # 216											
EBA 1986				0101-4575.8											
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT(%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (m)	DEPTH (ft)	
TYP	NO.	Q													
0	1		SAND(SP)-some gravel to gravelly, trace silt, light brown	Nf									0		
1	2		-becoming by 0.1 m: SAND(SM)-some silt, medium-grained	Nf-Nbn								3			
2	3		-some silt, random partings of fine grained sand	Nbn									5		
3	4		SILT TILL (ML)-clayey, trace gravel to 10 mm	Vr-Vc 15%								ML			
4	5		-trace coarse-grained sand, iron oxide staining, medium brown	Nbe, trace Vx								3			
5	6		SAND(SP)-trace silt, medium-grained, medium greyish brown	Nbe								ML	10		
6	7		-occasional pockets and partings of coarse-grained sand, clean	Nbn-Nbe									15		
7	8		SILT TILL (ML)-clayey, trace coarse-grained sand	Nf-Nbn									20		
8	9		SAND(SP)-trace gravel to 15 mm, rounded to subrounded, trace silt, coarse to medium-grained sand, medium greyish brown	Nbn									25		
9	10		-some gravel									3			
10	11		SAND(SP-SM)-trace to some silt, trace gravel to 20mm, subrounded to subangular, medium brown										30		
11	12		-interbedded lenses of: SAND(SP)-trace gravel to 5 mm, trace silt, medium-grained, uniform, medium greyish brown	Nbn-Nbe									35		
12	13		and SILT TILL (ML)-clayey, trace coal fragments, iron oxide staining, medium greyish brown	Nbn, trace Vs									40		
13	14		-becoming by 5.5 m: SAND(SM)-some silt to silty, medium greyish brown	Nbn-Nbe									45		
14	15		-silty										50		
15	16		-trace gravel to 10 mm, iron oxide staining occasional cross bedded lenses of coal fragments 3mm thick at a 45 degree angle										55		
16	17		-coal content disappears with dept										60		
17	18		-trace to some silt, medium-grained										65		
18	19		SAND(SM)-some silt cont'd												
19	20		-reddish sand, very thinly bedded												
			CLAY lenses												
			-some silt, trace gravel to 5mm, occasionally silty												
			END OF BOREHOLE 12.3 m (14.3 m El.)												

N7 677 610 E 527 782 Z8

Coordinates Surveyed

Richards Island, NWT

SAMPLE TYPE

GRAB
 CORE
 CORE BARREL

INDIAN AND NORTHERN AFFAIRS

INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE NUMBER

216S03

BOREHOLE LOG AND LABORATORY TEST RESULTS

Granular Resource Evaluation
EBA 1986

Source #216
0101-4575

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60		80					
0			SILT(ML)—sandy, fine-grained, uniform, trace rootlets at surface, light brown	Nf										OB	0
1		1													
2		2													
3		3	SAND(SM)—silty, fine-grained, uniform, massive, medium grey brown	Nbn, trace Vs Vs 40%											4
4		4	SILT(ML)—clayey, massive, low plastic, dark grey	Vs—Vr 15%										ML	5
5		5													
6		6	ICE—cloudy, with soil inclusions												
7		7	SILT(ML)—clayey, medium grey	Nbn											10
8		8	SAND(SP)—trace silt, fine-grained, uniform, occasional very thinly bedded wavy lens of silt dark olive grey —becoming by 4.1 m	Vr—Vx 5%											
9		9	SILT(ML)—sandy, fine-grained, uniform, homogeneous dark olive grey	70:30 90:10											15
10		10	ICE+SILT(ML) —clear												
11		11													
12		12	—trace silt												20
13		13													
14		14	SILT(ML)—sandy, trace black organics, trace mica platlets, fine grained, uniform, homogeneous, nonplastic, dark olive grey	Nbn											
15		15	ICE—clear												25
16		16	—interbedded lenses of: SAND(SM)—some silt and SILT(ML)—sandy, fine-grained, uniform, dark olive grey												
17		17	ICE+SILT(ML)	Vr 10%											
18		18	SILT(ML)—sandy, fine-grained, uniform, dark olive grey												30
19		19	ICE+SILT(ML)—trace sand, dark olive grey	40:60											
20		20													
21		21													

N7 678 407 E 528 040 Z8
Coordinates Surveyed
Richards Island, N.W.T



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
216S04

PAGE 1 OF 4

BOREHOLE LOG AND LABORATORY TEST RESULTS

Granular Resource Evaluation
EBA 1988

Source #216
0101-4575

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)			LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO. Q					20	40	60	80		
10	21	-1 mm thick silt lenses very thinly bedded even	80:20								
	22										
11	23										
	24	-2 mm thick silt and sand lenses very thinly bedded									
12	25	-lens of fine-grained sand									
	26										
13	27	ICE-very thinly bedded,wavy,nonparallel, clear									
	28										
14	29										
	30										
15	31										
	32										
16	33										
	34										
17	35										
	36										
18	37										
	38										
19	39										
	40										
	41										
20	42										

N7 678 407 E 528 040 Z8
Coordinates Surveyed
Richards Island,N.W.T



SAMPLE TYPE

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE
NUMBER
216S04

PAGE 2 OF 4

BOREHOLE LOG AND LABORATORY TEST RESULTS

Granular Resource Evaluation EBA 1988				Source #216 0101-4575						SPECIAL TESTS	UNIT
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			
TYP	NO.	Q									
20	42		ICE-cont'd								
	43										
21	44										
	45										
22	46		ICE+SAND								
	47		ICE								
	48										
23	49										
	50										
24	51										
25											
26											
27	52										
28											
29											
30	53		SAND(SM)—some silt to silty, medium to fine grained	50:50							
	54		—silty, occasional silt partings.								

N7 678 407 E 528 040 Z8
Coordinates Surveyed
Richards Island, N.W.T



SAMPLE TYPE
CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
216S04
PAGE 3 OF 4

BOREHOLE LOG AND LABORATORY TEST RESULTS

Granular Resource Evaluation
EBA 1986

Source #216
0101-4575

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
30		54	-silty, occ. silt partings	Vr 40%																
		55	ICE+SILT(ML)-sandy, soil lenses orientated																	100
31			-becoming: by 30.9 m																	
			SILT(ML)-sandy, medium greyish brown																	
32			END OF BOREHOLE 30.9 m (10.1 m El.)																	105
33																				
34																				110
35																				115
36																				120
37																				125
38																				130
39																				
40																				

N7 678 407 E 528 040 Z8
Coordinates Surveyed
Richards Island, N.W.T



SAMPLE TYPE
CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
216S04
PAGE 4 OF 4

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION
EBA 1986

Source # 216
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYPE	NO. Q									
0		1	SAND(SM)-silty, trace gravel to 10 mm, fine-grained, light brown -occasional very thinly bedded SILT lens 10mm thick -becoming by 0.6 m:	Nf-Nbn							0
1		2	SAND(SP-SM)-trace silt, medium-grained, uniform, medium greyish brown	Nbn							
2		3	-becoming by 1.8 m: SAND(SM)-trace gravel, some silt, rounded to subrounded clasts to 15 mm, medium greyish brown -trace to some gravel, trace silt partings, occasional organic lens 10 mm thick, dark brown	Nbn							5
3		4	-becoming by 3.4 m: SAND(SM)-some silt, medium-grained, medium greyish brown	Nbn-Nbe							10
4		5									
5		6	ICE+SILT(ML)-very thin laminae, parallel,	50:50 Vs						ML	15
6		7	SAND(SP)-trace fine-grained gravel to 10 mm, subrounded, clean, medium-grained sand, uniform -gravelly lens 100 mm thick	Nbn						3	20
7		8									
8		9	CLAY TILL(CL)-gravelly, silty, clasts to 75mm	Nbn						CL	25
9		10	SAND(SP)-trace silt to clean, trace coal, massive, medium-grained, medium greyish brown -cross bedded lenses of coal fragments 3mm in diameter at a 45 degree angle							3	
10		11	ICE							1	
			END OF BOREHOLE 8.0 m								

N7 674 817 E 526 053 Z8
Coordinates Surveyed
Richards Island, N.W.T



SAMPLE TYPE
CORE
CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
216SS01

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source 217
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
TYP	NO. Q								
0	1	SAND(SW)-trace gravel, well graded.							1
1		Test Hole Ends at 2.5'.							
2									
3									
4									
5									
6									
7									
8									
9									
10									

N7676300 E523900 Z8
Coordinates Estimated
Richards Island,NWT

SAMPLE TYPE
☐ GRAB ☐ CORE
☐ CRREL BARREL ☐ M

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
217-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION
EBA 1986

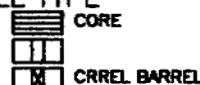
Source # 217
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60					
0		1	ROOT MAT AND ORGANICS	Vs 30%									0
1		2	SILT(ML)—some organics, trace fine-grained sand, very thinly bedded, wavy, continuous, parallel, medium brown	Nbn								OB	
2		3	—sandy, trace organics, mottled organic brown and olive grey	Vc-Vx 10%									5
3		4	—dark brown to black organic lens 20 mm thick	Nbn-Vc trace								4	
4		5	SAND(SM)—some silt, trace organics, medium to fine-grained, mottled orangish brown and olive grey	Nbn									10
5		6	—fine-grained, uniform, homogeneous	Nbn									
6		7	—becoming by 1.9 m										
7		8	SAND(SP)—trace silt, trace organics, granular petrified wood fragments	Vr-Vx 5%									15
8		9	fragments disseminated throughout to fine-grained, dark olive grey										
9		10	SILT(ML)—some fine-grained sand, uniform, very thinly bedded, even, nonparallel, nonplastic, dark grey										20
10		11	—becoming by 3.1 m	Nbn									
11		12	SAND AND SILT(SM)—fine-grained, uniform, homogeneous										25
12		13	—very thinly bedded organic lenses 2 mm thick, curved, parallel, continuous, woody organics disseminated throughout										
13		14	—sand content decreases with depth										30
14			—becoming by 4.3 m										
15			SILT(ML)—trace fine-grained sand, uniform, massive, thin laminae, wavy, non-plastic, dark grey										35
			—occasional thinly bedded sand lenses 50 mm thick, medium greyish brown										40
			—very thin laminae, parallel										
			—sandy, massive										45
			—trace fine-grained sand										
			—interbedded lenses of SILT(ML)—trace sand and SAND(SM)—silty, medium grey to medium greyish brown, lenses 250 mm thick, occasional ice lens 3 mm thick										
			—silt thinly cross bedded, very thin laminae, parallel										
			SILT(ML)—trace fine-grained sand, occasional 3 mm ice lenses, very thin laminae, parallel, nonplastic, medium grey										
			END OF BOREHOLE 9.2 m (48.9 m El.)										

N7 675 620 E 524 175 Z8
Coordinates Surveyed
Richards Island, N.W.T.



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
217ES01

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #218
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q															
0	A			SAND-(SW)-little gravel, well graded, clean.														
1																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
				Test Pit Ends at 3.5'.														

N7682800 E521200 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE
☐ GRAB ☐ CORE
☒ CRREL BARREL ☐

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
218-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION
EBSA 1986

Source # 217
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT WATER CONTENT (%) LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q										
0		1	SAND(SM)-some silt to silty, trace gravel 75mm, fine-grained, uniform, medium brown	Nbn								0
1		2	CLAY TILL(CL)-silty, trace sand, trace of gravel, very thinly bedded, wavy dark grey	Vr 5%								
2		3	-very thinly bedded, even, non-parallel	Vs 30%							CL	
3		4	-very thinly bedded, wavy, continuous, with occasional very thinly bedded sand lens	90:10								
4		5	ICE+SILT-clear									
5		6										
6		7										
7		8										
8		9										
9		10										
10			END OF BOREHOLE 4.9 m (39.2 m El.)									

N7 675 197 E 522 440 Z8
Coordinates Surveyed
Richards Island, NWT



SAMPLE TYPE

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE
NUMBER
217S01

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION
EBA 1986

Source #217
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q									
0		1	ROOT MAT AND ORGANICS							OR	0
1		2	SAND(SM)-some silt to silty, trace 5 mm gravel, fine-grained, uniform, homogeneous, olive brown	Nbn						4	5
2		3	-silt content decreases with depth	Nbn, trace Vx							
3		4	-becoming by 0.6 m:								
4		5	SAND(SP)-trace gravel, trace silt, coarse to fine-grained sand, massive, well-bonded, olive brown	Nbn-Vx 5%						ML	10
5		6	-trace fibrous organics	Nbn							
6		7	SILT(ML)-some sand, fine-grained, uniform, very thinly bedded, even, parallel, continuous, with very thin bedded lenses of silt, fine-grained sand and peat, brown	Nbn							15
7		8	-ice lens 100 mm thick								20
8		9	SAND(SP-SM)-trace to some silt, fine-grained, uniform, homogeneous, massive, mottled dark olive grey and olive brown							3	25
9		10	-becoming by 3.8 m:	Vr-Vx 20%							
10		11	SAND(SP)-trace silt	Nbn							30
11		12	-lens of coarse to fine-grained sand, trace gravel, trace silt								
12		13	-pockets of silt disseminated throughout	Vr 20%							35
13		14	-occasional very thin bedded lenses of silt 5 mm thick	Nbn							
14		15	-trace fibrous organics	Vs-Vr 30-40%							40
15		16	-ice lens 150 mm thick								
16		17	-trace to some silt								45
17		18	-ice lens 100 mm thick								50
18		19	ICE-clear								55
19		20	ICE+SILT								60
20		21	END OF BOREHOLE 12.6 m (40.6 m EI)								65

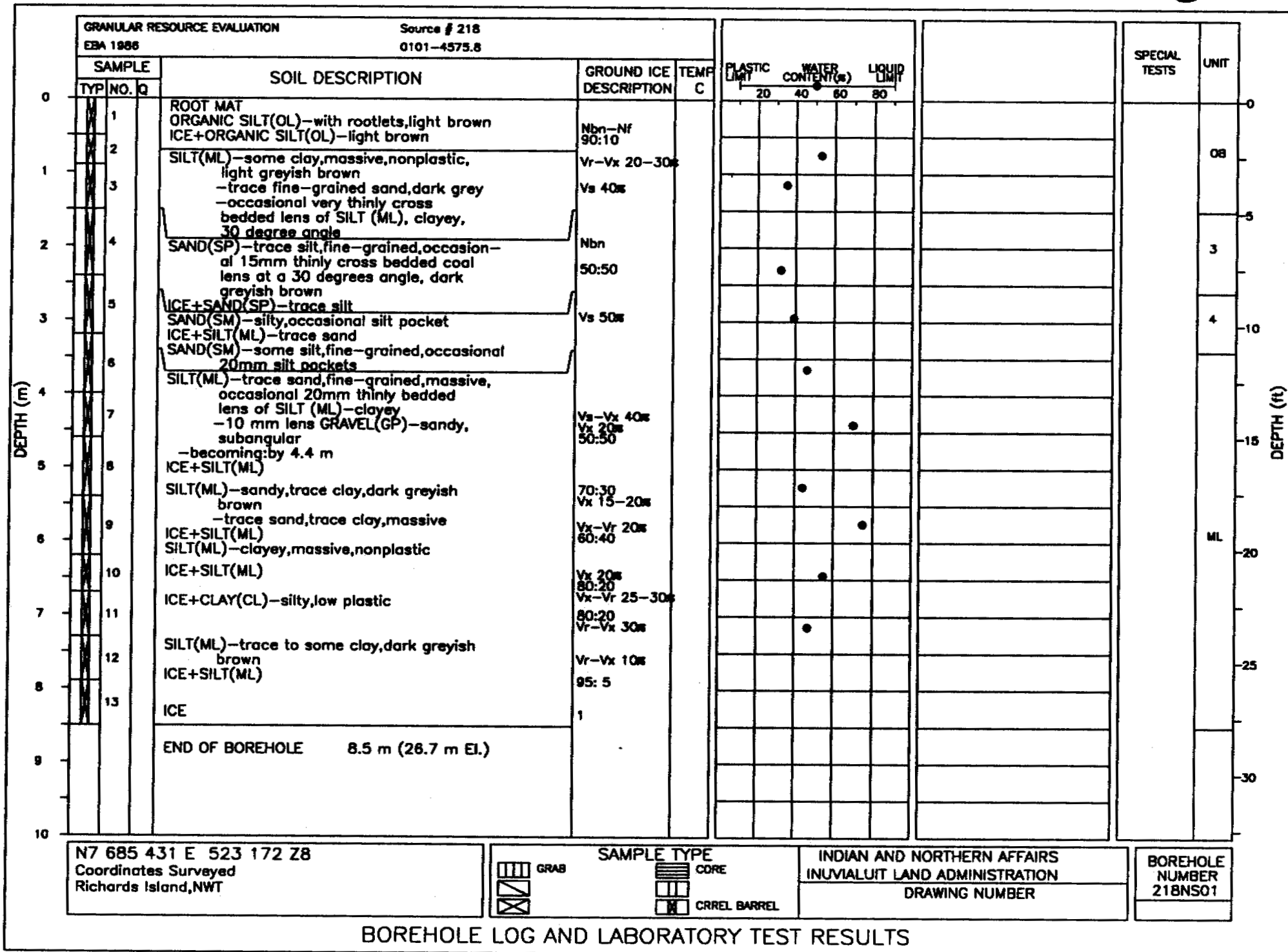
N7 675 569 E 522 994 Z8
Coordinates Surveyed
Richards Island, NWT

SAMPLE TYPE
 GRAB
 CORE
 CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
217S02

BOREHOLE LOG AND LABORATORY TEST RESULTS



GRANULAR RESOURCE EVALUATION				Source 218									
EBA 1986				0101-4575.8									
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT		SPECIAL TESTS	UNIT	DEPTH (m)	DEPTH (ft)	
TYPE	NO. Q												
	0	ROOT MAT AND PEAT (PT) ORGANIC SILT (OL) - trace sand, damp when thawed, nonplastic, light greyish brown	Nf-Nbn								0		
	1	GRAVEL (GW) - sandy, trace silt, trace coal, well graded, coarse-grained gravel to fine-grained sand occasional thinly bedded lens of GRAVEL (GM) - silty - silty, some organics, dark brown	Nbn								2		
	2	CLAY TILL (CL) - silty, trace gravel, trace sand	90:10								5		
	3	-becoming by 1.7 m ICE+CLAY (CL) - silty, soil particles in small balls disseminated throughout - soil particles maximum 1 mm in diameter, dark olive grey	85:15								10		
	4		90:10								15		
	5		85:15								20		
	6										25		
	7										30		
	8												
	9												
	10												
	11												
	12												
	13												
	14												
		END OF BOREHOLE 6.2 m (21.2 m El.)											

N7 686 565 E 522 914 Z8
Coordinates Surveyed
Richards Island, NWT

SAMPLE TYPE

▢ GRAB

▤ CORE

▣ CRREL BARREL

▢ CORE

▣ CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
218NS02

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION

EBA 1986

Source #218

0101-4575.6

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT		SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60		80				
0		1	ORGANIC SILT(OL) AND PEAT(PT)—with roots at surface	Nf										0
1		2	—fine—grained, olive brown	Nbn									OB	
			—becoming:	Vs—Vr 15%										
		3	SILT(ML)—trace sand, fine—grained, uniform, thinly bedded 30 mm to 50 mm thick, even, parallel, with thin laminae, wavy, nonparallel, non-plastic, olive brown	Vs 30%										5
2		4	SAND(SP)—trace silt, fine—grained, uniform, occasional very thinly bedded silt lens, olive brown	Nbn									3	
		5	—with cross bedded lenses of SILT (ML), 50mm to 100 mm thick at a 30 degree angle	Vc 15%										
3		6	—trace gravel, with wood fragments 25mm thick	Vr—Vc 10%									ML	10
4		7	SILT(ML)—some sand, fine—grained, uniform, thinly bedded, wavy, nonparallel, olive grey	70:30									CL	
5		8	—some sand to sandy, trace coal, with very thin beds and pockets of medium—grained sand	Vr 5%									ML	15
6		9	ICE+CLAY(CL)—silty	Vc 10%										
		10	SILT(ML)—some sand, with thinly bedded lenses of GRAVEL (GP)	Vc 15%									2	20
7		11	sandy	Nbn										
			—wood, 75 mm in diameter on a deg. angle											
8		12	—olive grey										3	25
			SAND AND GRAVEL(SW/GW)—trace silt, fine—grained gravel, coarse to medium—grained sand, occasional very thinly bedded lens of medium to fine—grained sand, olive —											
9			becoming: by 5.5m											
			GRAVEL(GW)—sandy, trace silt, well graded, coarse—grained gravel to fine—grained sand, gravel to 50mm, angular to subangular, smooth, light grey											30
10			SAND(SW/SP)—trace fine—grained gravel, trace silt, coarse to fine—grained sand, massive, olive brown											
11			—trace coal fragments											35
			ICE+SAND(SP)—fine—grained, very thinly bedded lenses 1 mm to 3 mm thick, even, nonparallel											
12			END OF BOREHOLE 8.4 m											

N7 688 773 E 523 205 Z8

Coordinates Surveyed
Richards Island, NWT



SAMPLE TYPE

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
218NS03

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION
EBA 1988

Source #218
0101-4575.6

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	20	40	60	80	20	40	60	80			
0		1	PEAT(PT) AND ORGANIC SILT(OL)—fibrous, dark brown, vertically bedded ice lenses	Vr 20m																0
1		2	SILT(ML)—trace clay, massive, nonplastic, light greyish brown —trace coal fragments, occasional pockets of iron oxide staining —trace fine-grained sand —trace clay, trace sand, massive, mottled medium grey and iron oxide staining —trace gravel to 5 mm, subrounded	Vs—Vr 20—30m Vr—Vs—Vx 35m																5
2		3		Vs—Vr—Vx 35m																10
3		4		Vx—Vr—Vs 35m																15
4		5		Vx—Vr—Vs 20m																20
5		6		Vx—Vr 15—25m																25
6		7																		30
7		8	ICE—clear, crystalline, air bubbles disseminated throughout —with occasional soil particles —becoming dirty with depth																	35
8		9	ICE+SAND(SM)—silty, fine-grained, massive, medium greyish brown	50:50 90:10																40
9		10	ICE+SILT(ML)—2 mm diameter soil particles disseminated throughout —clear, clean																	45
10		11																		50
		12																		55
		13																		60
		14																		65
			END OF BOREHOLE 8.0 m																	70

N7 688 758 E 523 975 Z8
Coordinates Surveyed
Richards Island, NWT



GRAB

SAMPLE TYPE

CORE

CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
218NS04

BOREHOLE LOG AND LABORATORY TEST RESULTS

Granular Resource Evaluation EBA 1986			Source #218 0101-4575.8									
SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
TYP	NO. Q											
0	1	SILT(ML)-with rootlets, nonplastic, light reddish brown	Nbn-Nf								OB	0
1	2	SAND(SP)-trace silt, fine-grained, medium greyish brown -stratified with thinly bedded lenses of silt 100mm thick -becoming by 0.8 m:	Nbn								3	3
2	3	SAND(SM)-silty, trace coal fragments, massive, dark brown	Vx 20-30%									5
3	4	-10 mm lens of GRAVEL(GM)-sandy, some silt	Nbn									
4	5	SAND(SP/SM)-trace to some silt, massive, dark greyish brown	Vs 20-30%								1	
5	6	-15 mm lens of SILT(ML/OL) AND PEAT (PT)	Nbe-Vs 5%									10
6	7	-trace gravel to 10 mm, subrounded, coarse to fine-grained sand, massive	Nbn								3	15
7	8	SILT(ML)-clayey, stratified, low plastic, mottled light greyish brown and dark greyish brown	Nbn									
8	9	-clay content decreases with depth becoming trace clay, low plastic										
9	10	dark greyish brown	85:15									
10	11	ICE-clear, occasional horizontal soil stringer 2mm thick	Vs-Vx 20%								1	20
11	12	SILT(ML)-trace clay, very thin horizontal laminae, low to nonplastic, dark grey										
12		ICE-clear										
		SAND(SP)-fine-grained, dark grey										
		-100 mm lens of SILT(ML)-trace clay, dark greyish brown										25
		SAND(SP)-trace coal fragments, fine-grained with randomly spaced horizontal very thinly bedded silt lenses, iron oxide staining, dark grey										
		-trace gravel to 10 mm disseminated throughout										30
		-gravelly, subrounded, clasts to 50 mm										
		-without gravel										
		ICE+CLAY(CL)-2 mm thick clay lenses										35
		ICE+SILT(ML)-trace clay, massive, nonplastic										
		-dark brown										
		END OF BOREHOLE 7.1 m (30.2 m El.)										

N7683358 E521518 Z8
Coordinates Surveyed
Richards Island, NWT



SAMPLE TYPE



INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
218S01

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION
EBA 1988

Source #218
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60					
0		1	ROOT MAT	Vr-Vs 35%									0
		2	ORGANIC SILT(OL) AND PEAT(PT)-fine, fibrous light greyish brown	Vr 20%									
1			SILT(ML/OL)-some organics	Nbn								OB	
		3	SAND(SM)-gravelly, silty, gravel smooth and subrounded, greyish brown										
		4	ICE+CLAY(CL)-silty, clear ice in 2 mm to 10 mm thick stratified lenses, clay in 2 mm thick wavy nonparallel lenses, greyish brown	70:30									5
2		5		Nbn								OB	
		6	SILT(ML)-sandy, trace organics, trace coal, occasional very thinly bedded silt lens 3 mm thick, even non- plastic, olive brown	Nbn, trace Vc									
3		7	SAND(SP)-trace silt to clean, trace coal, medium to fine-grained, uniform, massive, olive grey									3	10
		8	ICE-clear										
4		9	ICE+SILT(ML)-trace sand, dark olive grey										
		10	ICE-clear										
5			END OF BOREHOLE 5.2 m (35.8 m El.)										
6													
7													
8													
9													
10													

N7 682 786 E 522 243 Z8
Coordinates Surveyed
Richards Island, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
218S02

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #219
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q									
0	A			SAND-(SW)-some gravel, well graded, clean								0
1												1
2												2
3												3
4												4
5												5
6												6
7												7
8												8
9												9
10											10	

Test Pit Ends at 3.5'

N7677400 E517100 Z8
Coordinates Estimated
Richards Island, NWT



SAMPLE TYPE
CORE
M

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
219-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #219
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60	80	20	40	60	80	20	40	60	80			
0				PEAT(PT)--trace silt.																0B	0
1				SAND(SP)--trace silt, fine, uniform.																3	
2				Test Pit Ends at 4.0'.																	5
3																					10
4																					15
5																					20
6																					25
7																					30
8																					
9																					
10																					

N7677400 E517300 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE
 GRAB
 CORE
 COREL BARREL
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
219-B

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #219
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT				WATER CONTENT (%)				LIQUID LIMIT				SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60	80	20	40	60	80	20	40	60	80			
0				SILT(OL)—and organics, roots, peat, etc.																OB	0
1		1		SAND(SM)—trace gravel, some silt, trace clay, ice lenses and inclusions.	Vx															4	
2		2		SAND(SP)—and gravel, trace silt, coarse gradation, ice crystals and inclusions.	Vx															3	
3				ICE(I)—with lenses of soil to 1 inch thick.																	
4																					
5																					
6																					
7																					
8																					
9																					
10																					

Test Hole Ends at 15.0'.

N7675700 E516300 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE
 GRAB
 CORE
 COREL BARREL
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
219-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #219
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q									
0			SILT(OL)-and organics, roots, peat, etc.							OB	0
1		1	SAND(SP)-trace gravel, trace silt, fine to medium gradation, ice crystals and inclusions, increasing with depth.								5
2		2									10
3		3									15
4		4									20
5		5									25
6		6	GRAVEL(GP)-and sand, trace silt, coarse gradation, ice lenses and inclusions.							3	30
7		7									35
8			ICE(I)-trace soil inclusions.								40
9											45
10											50
11											55
12											60
13			Test Hole Ends at 42'.								65
14											
15											
16											
17											
18											
19											
20											

N7677200 E517200 Z8
Coordinates Estimated
Richards Island,NWT

SAMPLE TYPE
 GRAB
 CORE
 COREL BARREL
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
219-3

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #219
0101-4575-8

SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
TYP	NO. Q				1	20	40	60	80	1	20	40	60			
0		SILT(OL)—and organics, roots, peat, etc.														0
1	1	GRAVEL(GW)—and sand, trace silt, well graded, ice lenses and inclusions.	VsVx		•											
1	2		Vs		•											
2	3		VsVx		•											
2	4		VsVx		•											
3	5		VsVx		•											
4	6	ICE(I)—clear.	VsVx		•											
5																
6																
7																
8																
9																
10																
		Test Hole Ends at 30.0'.														

N7676700 E516000 Z8
Coordinates Estimated
Richards Island, NWT

GRAB

CRREL BARREL

SAMPLE TYPE
CORE

CORE

CORE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
219-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #219
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q									
0			SILT(OL)—and organics, roots, peat, etc.								0
1		1	SILT(ML)—trace fine sand, non plastic, ice lenses and inclusions.	VsVx						OB	3
2		2		VsVx							5
3		3	SAND(SP)—little gravel, trace silt, medium to coarse gradation, ice lensing and inclusions.	VsVx						3	10
4		4		VsVx							
5		5		VsVx							15
6		6	SAND(SW)—and gravel, trace silt, coarse gradation, ice lensing and inclusions.	VsVx							20
7		7		Vs							25
8										2	30
9		8		VsVx							35
10											40
11											45
12											50
13			ICE(I)—trace soil inclusions.							1	55
14			Test Hole Ends at 42.0'.								60
15											65
16											
17											
18											
19											
20											

N7679300 E517300 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE
 GRAB
 CORE
 COREL BARREL
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
219-5

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION
EBA 1986

Source #219
0101-4575.8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT		SPECIAL TESTS	UNIT	DEPTH (ft)	
	TYP	NO.	Q													
0				PEAT(PT)-fibrous, with rootlets, dark brown -silty, trace to some sand, coarse to medium-grained	Nf Vr-Vc 15%									08	0	
1		1		SAND(SM)-some silt, some gravel, trace to some organics, organic content decreases with depth, gravel to 50 mm, subrounded, smooth, dark brown	Nf Vr-Vc 15%									4	1	
2		2		-DRILLER'S NOTE: hole sloughing at 0.6 m -gravel subrounded to subangular, medium to dark brown	Nf Vr-Vc 15%									5	2	
3		3		SAND(SW)-some gravel, trace silt, coarse to fine-grained sand, gravel decreases with depth, light grey	Nbn									2	3	
4		4		-becoming by 2.0 m: SAND(SM)-trace silt, trace gravel, medium to fine-grained sand	Vc 20%									10	4	
5		5		-silt content decreases with depth -becoming by 2.7 m: SAND(SP)-trace silt, medium to fine-grained										1	5	
6		6		ICE-trace sand and silt	Vr-Vs 15%										15	6
7		7		SILT(ML)-sandy, very thinly bedded, curved, nonparallel, dark brownish grey -ice content increases with depth	Vr-Vs 20%										20	7
8		8			Vr 30%											8
9		9		-trace 5 mm gravel, dark olive grey	Vr-Vs 40%											9
10		10		ICE+SILT(ML)-sandy, dark olive grey	60:40											10
11		11			50:50											11
12		12		-occasional lens of ICE 100 mm thick												12
13		13														13
9				END OF BOREHOLE 9.1 m (32.2 m El.)												30

N7 678 316 E 517 032 Z8
Coordinates Surveyed
Richards Island, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
219S01

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION EBA 1986				Source #219 0101-4575.8									
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT WATER CONTENT (%) LIQUID LIMIT				SPECIAL TESTS	UNIT		
TYP	NO.	Q				20	40	60	80				
DEPTH (m)	0	1	GRAVEL(GW)—some sand to sandy, clean, clast supported, subangular to sub-rounded, brown	Nf									
		2	—becoming by 0.6 m: SAND(SP)—gravelly, trace silt	Nbn									2
	1	3	—traces of black organic lenses	Nf									
		4	SAND(SM)—some silt to silty, medium-grained	Nbn									
		5	—medium to dark brown	Vx-Vc trace									5
	2	6	SAND(SP)—trace silt, trace coal, light brown	Vx 20% (coal)									
		7	—occasional seams of coal 10 mm thick	Vx 30% (coal)									
		8	SAND(SP) AND COAL	Nbn-Nbe									4
		9	—trace gravel	Nbe									
	3	10	SAND(SP)—trace silt, medium-grained, light brown	Nbe									
		11	—trace to some silt, medium to fine grained, light greyish brown	Nbe									
	4	12	SILT(ML)—thinly laminated, dark grey	Nbe-Vx trace									
		13	ICE—occasional soil lens, crystalline, cloudy										
	5	14	—becoming: ICE+SOIL	50:50									
	6	15	SILT(ML)—thinly laminated, dark grey	Vr-Vs-Vx 40%									
		16	—trace of medium-grained sand, some light grey mottling	Vr-Vs-Vx 30%									
7	17	SAND(SP)—medium-grained, trace iron oxide staining, grey	Nbn=Nbe									3	
	18	—clean, trace gravel to 20 mm, sub-rounded to subangular											
8	END OF BOREHOLE 7.6 m (37.4 m El.) REFUSAL DUE TO COARSE GRAVEL												
9													
10													

N7 676 568 E 516 178 Z8 Coordinates Surveyed Richards Island, NWT		 GRAB  CORE  CORE  CORE		INDIAN AND NORTHERN AFFAIRS INUVIALUIT LAND ADMINISTRATION DRAWING NUMBER		BOREHOLE NUMBER 219S02	
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BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION EBA 1986			Source #219 0101-4575.8										
DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYPE	NO. Q											
0		1	SILT(ML)-clayey, some organics, grey brown ICE-clear, trace soil inclusions	Nbn									0
1		2	CLAY(CL)-silty, trace gravel 10 mm, subrounded, massive dark grey	Vs 10-15s Nbe								OB	5
2		3	SILT(ML)-sandy, trace gravel 20 mm, subrounded to subangular, grey brown	Nbn-Nbe								3	10
3		4	SAND(SP)-trace gravel 20mm -100 mm lens of SILT TILL, clayey, trace coal, trace gravel	Nbn-Nbe								ML	15
4		5A	SAND(SP)-clean, medium-grained, medium greyish-brown -100 mm lens of SILT TILL, clayey, trace coal, trace gravel	Nbn									20
5		6	SAND(SP)-clean, medium-grained, medium greyish-brown -100 mm lens of SILT TILL, clayey, trace coal, trace gravel	Nbn-Vr trace Nbn									25
6		7	SAND(SW)-clean, trace gravel 10 mm, subrounded to subangular brown	Nf-Vx trace Nbe								3	30
7		8	SILT(ML)-dark grey -trace gravel 20 mm, trace coal	Nbe									35
8		9	SAND(SP)-clean, medium to fine-grained, medium greyish brown -trace gravel 10 mm, trace organics										40
9		10	GRAVEL(GP)-sandy, subrounded, clast supported, light greyish-brown										45
10		11	SAND(SP)-clean, medium-grained, medium greyish-brown -some gravel 10 mm, trace coal, coarse to fine-grained sand	Vr 30-40s									50
11		12	-fine-grained, trace coarse-grained sand pockets, medium greyish brown -trace gravel 10 mm disseminated throughout	90:10 80:20									55
12		13	ICE-occasional soil inclusion -trace soil										60
13		14	SILT TILL(ML)-some sand, trace to some clay trace gravel 5 mm										65
14		15	ICE-very thinly bedded, even, nonparallel -100 mm lens of ICE+SILT TILL										
15		16	CLAY(CL)-silty, trace to some fine-grained sand, brown organics	50:50									
16		17	ICE+SILT -trace fine-grained sand -becoming by 15.7 m: -very thinly bedded, even, nonparallel, dark grey -sandy, trace clay, very thin laminae, wavy -gravel to 50 mm, subrounded, smooth	70:30 50:50									
17		18											
18		19											
19		20	END OF BOREHOLE 19.2 m (15.1 m El.)										

N7 676 696 E 516 074 Z8
Coordinates Surveyed
Richards Island, NWT



SAMPLE TYPE

CORE

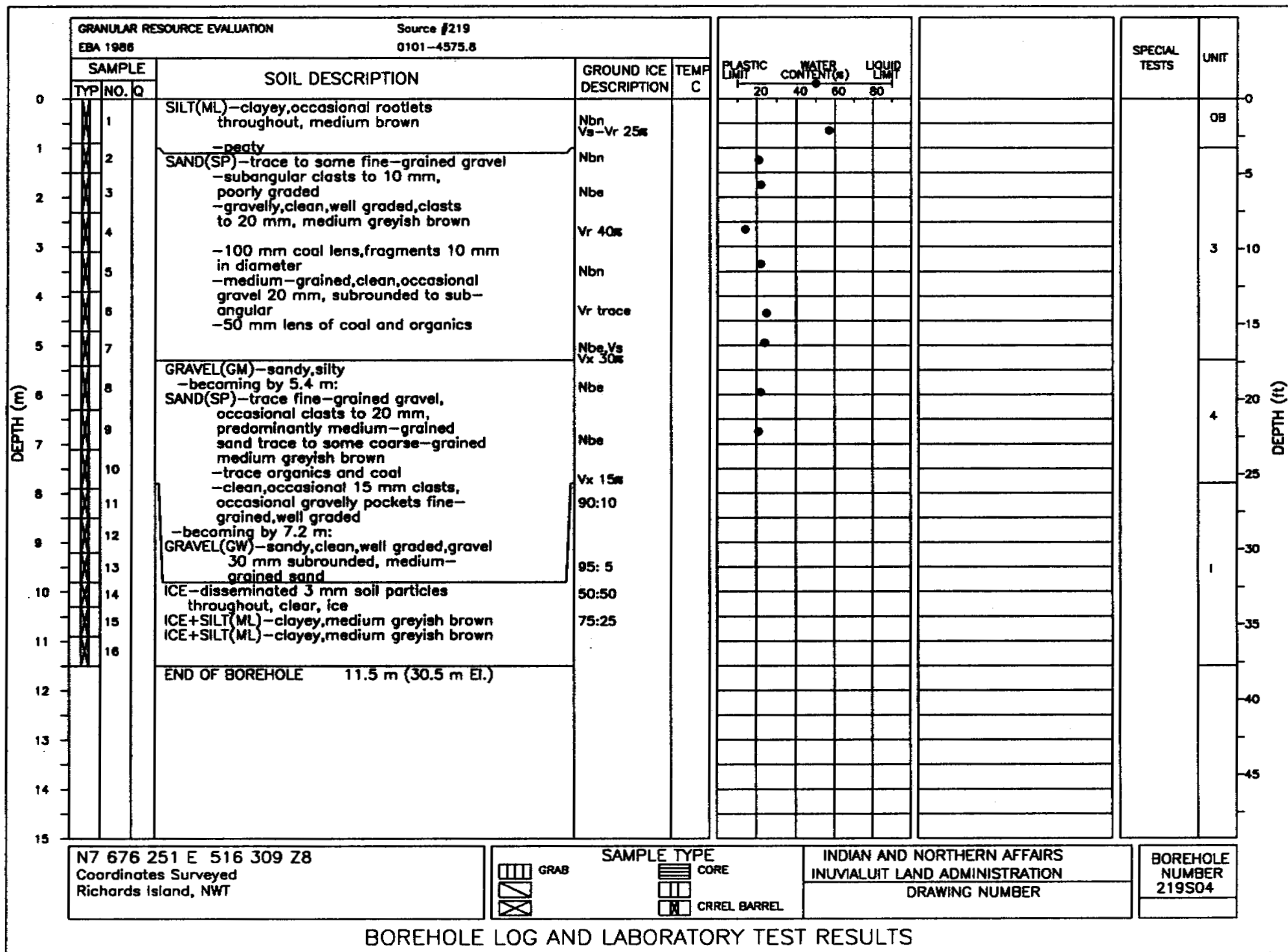


CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
219S03

BOREHOLE LOG AND LABORATORY TEST RESULTS



GRANULAR RESOURCE EVALUATION EBA 1988				Source #219 0101-4575.8													
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			SPECIAL TESTS	UNIT	
TYP	NO.	Q															
DEPTH (m)	0	1	SILT(ML)—some clay, rootlets, top 100 mm peaty, medium to light brown	Vx 15% Nbn													0
	1	2	—clayey, medium brown	Nbe													
	2	3		Nbe													
	3	4		Vs—Vx 10–15%													
	4	5		Vs—Vr—Vx 40% 20–50%													
	5	6															
	6	7	SAND(SP)—gravelly, clean, well graded, medium-grained, medium greyish brown	Vx 20% Nbn													
	7	8	—becoming by 5.1 m: SAND(SM)—some gravel, some silt, well graded subangular clasts to 10mm dark greyish brown	Nbn													
	8	9	SAND and GRAVEL(SP)—trace silt, poorly graded subrounded to subangular clasts to 15 mm, medium greyish brown	Nbn Vx 10%													
	9	10	END OF BOREHOLE 6.7 m (36.7 m El.) REFUSAL DUE TO COARSE GRAVEL														
10																	

Coordinates Surveyed Richards Island, NWT	 GRAB  CORE  COREL BARREL	SAMPLE TYPE INDIAN AND NORTHERN AFFAIRS INUVIALUIT LAND ADMINISTRATION DRAWING NUMBER	BOREHOLE NUMBER 219S05

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION				Source #219											
EBA 1986				0101-4575.8											
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT			
TYP	NO.	Q													
0			PEAT(PT)-moss and rootlets									08			
	1		SAND(SP)-trace fine-grained gravel 15 mm, clean, coarse to medium-grained sand, medium greyish brown	Nbn											
1		2	SILT(ML)-medium greyish brown, lens 300 mm thick	Vs 30-40m											
	2	3	SAND(SP)-medium-grained, occasional clasts to 20 mm, subrounded, occasional coal clast to 10mm, medium greyish brown	Nbn								5			
	3	4	GRAVEL(GW)-sandy, clean, well graded, fine-grained, 20 mm gravel, lens 100 mm thick	Nbn											
3		5	SAND(SP)-coarse to medium-grained												
	6		-silty, trace 10 mm gravel, well graded	Nbn								10			
	7		-trace gravel disseminated throughout, medium-grained sand									5			
4		8	SAND and GRAVEL(SW)-trace silt, well graded subrounded clasts to 20mm	Nf-Nbn								15			
5		9	-becoming by 5.0 m: GRAVEL(GW)-sandy, trace silt, clasts to 75mm, subangular												
6			-clasts to 30 mm									20			
7			ICE									25			
8			END OF BOREHOLE 7.8 m (28.2 m El.) BOREHOLE TERMINATION DUE TO SLOUGHING GRAVEL. UNABLE TO RE-ENTER HOLE WITH CRREL BARREL.									30			
9															
10															

Coordinates Surveyed
Richards Island, NWT

SAMPLE TYPE

GRAB
 CORE
 CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
219S06

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION				Source #219											
EBA 1986				0101-4575.8											
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT			
TYP	NO.	Q													
0			ROOT MAT AND ORGANICS	Nf									0		
1	1		SAND and GRAVEL (SP) trace silt, poorly graded coarse to fine-grained gravel, subrounded to subangular, medium brown	Nbn									3		
2	2												5		
3	3												10		
4	4		ICE-clear										15		
5	5		ICE+SILT (ML)-trace to some fine-grained sand	70:30									20		
6	6			80:20									25		
7	7												30		
8	8														
9	9														
10	10														
11	11														
12	12														
13			END OF BOREHOLE 6.1 m (31.0 m El.)												

N7 676 951 E 516 216 Z8

Coordinates Surveyed

Richards Island, NWT

SAMPLE TYPE

 GRAB
 CORE
 COREL BARREL

 GRAB
 CORE
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS

INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE NUMBER

219S07

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION			Source #219											
EBA 1986			0101-4575.8											
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (m)	
TYP	NO.	Q												
0			ORGANIC SILT(OL) AND PEAT(PT)									OB	0	
	1		SILT(ML)—clayey, trace to some sand, very thin bedded, even, nonparallel, low plastic	Vs-Vr 30%								ML		
	2		—ice content increases with depth	50:50										
1	3		—becoming: ICE+SILT(ML)	Vr-Vs 25%										
	4		SAND(SM)—silty, trace gravel, fine-grained, uniform, medium brown	Vr 30%								PT	5	
	5		PEAT(PT)—very dark brown to black	Vr 25%								ML		
2	6		SILT(ML)—sandy, trace clay, thin laminae, wavy, nonparallel, nonplastic, olive brown	Vs-Vr 15%								CL		
	7		CLAY(CL)—silty, trace fine-grained sand, very thin bedded, even, non-parallel, medium olive brown	Vr 40% 70:30									10	
3	8		ICE+SILT(ML)	Vr 5%										
	9		SILT TILL(ML)—sandy, fine-grained, trace angular gravel, very thin bedded, wavy, nonparallel, medium olive brown	90:10										
4			ICE+SILT(ML)—clear									ML	15	
5	10													
	11													
6	12												20	
			END OF BOREHOLE 6.2 m (35.8 m El.)											
7														
													25	
8														
9													30	
10														

N7 677 599 E 517 087 Z8

Coordinates Surveyed

Richards Island, NWT

SAMPLE TYPE

 GRAB
 CORE
 COREL BARREL

 CORE
 COREL BARREL

INDIAN AND NORTHERN AFFAIRS

INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE NUMBER

219S08

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION
EBA 1988

Source #219
0101-4575.8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT
	TYP	NO. Q				20	40	60				
0			GRAVEL(GW)—some sand, trace silt, well graded, gravel to 30mm, subrounded to subangular clasts, medium greyish brown	Nf, Nbn trace								
1		1	—becoming by 1.0 m: SAND(SP)—gravelly, coarse to medium-grained	Nf								
2		2	—subrounded to subangular clasts to 15 mm									
3		3	—occasional clast to 30 mm									
4		4										
5		5		Nbe, Vx trace								
6		6	—silt content increasing, clasts to 15 mm	Nbn—Nf								
7		7	CLAY(CL)—silty, massive, dark grey	Vr 15%								CL
8			END OF BOREHOLE 5.8 m (19.1 m El.)									
9												
10												

Coordinates Surveyed
Richards Island, NWT



SAMPLE TYPE

CORE



CRREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
219S09

BOREHOLE LOG AND LABORATORY TEST RESULTS

GRANULAR RESOURCE EVALUATION				Source #219											
EBA 1986				0101-4575.8											
SAMPLE		SOIL DESCRIPTION		GROUND ICE DESCRIPTION		TEMP C		PLASTIC LIMIT		WATER CONTENT (%)		LIQUID LIMIT		SPECIAL TESTS	
TYP	NO. Q														
0	1	SAND(SP)—some gravel 50 mm, subrounded, clean, coarse to medium-grained sand, medium greyish brown		Nf											
1	2														
2	3	SILT TILL (ML)—sandy, clayey, some gravel to 50mm dark greyish brown		Nbn											
3	4														
4	5			Vx 50%											
5	6	ICE—trace of soil, ice bulking in core barrel while sampling													
6	7														
7	8														
8	9														
9	10	END OF BOREHOLE 4.7 m (23.7 m El.)													
10															

N7 676 746 E 516 977 Z8

Coordinates Surveyed

Richards Island, NWT

SAMPLE TYPE

▢ GRAB

▢ CORE

▢ CRREL BARREL

▢ CORE

▢ CRREL BARREL

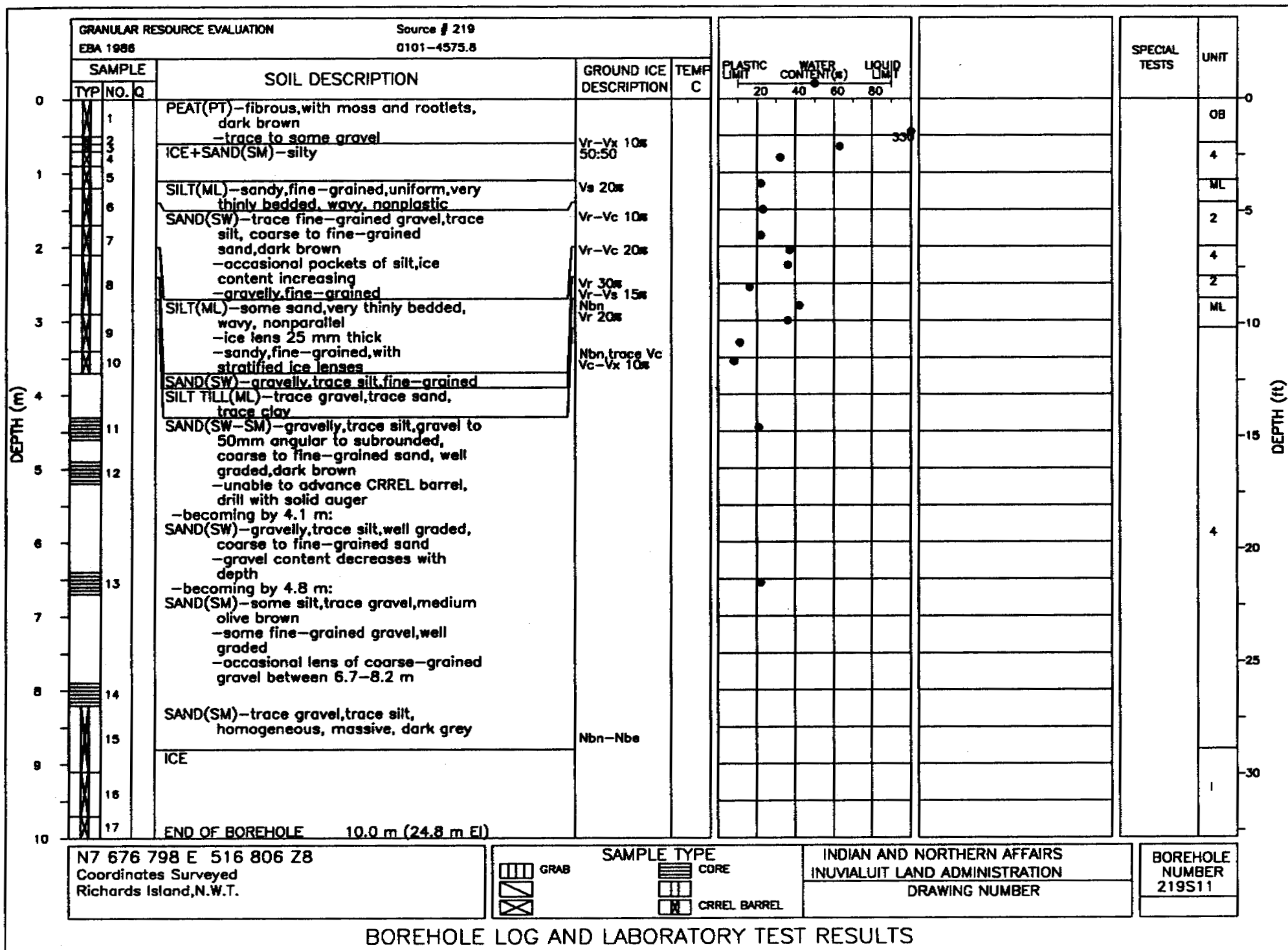
INDIAN AND NORTHERN AFFAIRS

INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE NUMBER 219S10

BOREHOLE LOG AND LABORATORY TEST RESULTS



ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #220
0101-4575-8

SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT	SPECIAL TESTS	UNIT	
TYP	NO.	Q									
A			SAND(SW)-some gravel, well graded.							0	
											1
											5
											10
											15
											20
											25
											30
Test Pit Ends at 3.0'.											

N7673000 E514700 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE
☐ GRAB ☐ CORE
☐ CRREL BARREL ☐

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
220-A

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory
RKL 1973, ZONE 2

Source #220
0101-4575-8

DEPTH (m)	SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)	LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO.	Q				20	40	60		80					
0				SILT-(OL)-and organics, roots, peat, etc												0
1		1		SILT-(ML)-some sand, fine uniform gradation, ice lensing and inclusions.	VsVx											
2		2		ICE-(I)-trace soil inclusions.	VsVx											5
3																10
4																15
5				Test Hole Ends at 15.0'.												20
6																25
7																30
8																
9																
10																

N7673100 E514800 Z8
Coordinated Estimated
Richards Island, NWT

SAMPLE TYPE
GRAB CORE
CORREL BARREL

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
220-1

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory RKL 1973, ZONE 2				Source #220 0101-4575-8										
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT WATER CONTENT (%) LIQUID LIMIT 20 40 60 80						SPECIAL TESTS	UNIT	
TYP	NO.	Q												
0			SAND(SW)—and gravel, well graded, dry and loose, no visible ice.											
1	1					Nf								
2	2		SAND(SW)—little gravel, trace silt, well graded, ice lensing and inclusions.											
3	3					VsVx								
4	4					VsVx								
5	5					Vs								
6	6					VsVx								
7	7					VsVx								
8														
9														
10														
						Test Hole Ends at 30.0'.								

N7673400 E514900 Z8
Coordinated Estimated
Richards Island, NWT

SAMPLE TYPE

GRAB
 CRREL BARREL

CORE
 M

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION

DRAWING NUMBER

BOREHOLE NUMBER
220-2

BOREHOLE LOG AND LABORATORY TEST RESULTS

IA Granular Resources Inventory
RKL 1973, ZONE 2

Source #220
0101-4575-8

DEPTH (m)	SAMPLE		SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP C	PLASTIC LIMIT			WATER CONTENT (%)			LIQUID LIMIT			SPECIAL TESTS	UNIT	DEPTH (ft)
	TYP	NO. Q				20	40	60	80	100	120	140	160	180			
0			SILT(OL)—and organics, roots, peat, etc.														0
1		1	SILT(ML)—and fine sand, uniform gradation, non plastic, ice lenses and inclusions.	VsVx													
2		2		VsVx													5
3																	10
4			ICE(I)—clear.														15
5			Test Hole Ends at 15.0'.														20
6																	25
7																	30
8																	
9																	
10																	

N7673700 E516100 Z8
Coordinates Estimated
Richards Island, NWT

GRAB
CORE
CRREL BARREL

SAMPLE TYPE
CORE
H

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE
NUMBER
220-4

BOREHOLE LOG AND LABORATORY TEST RESULTS

ILA Granular Resources Inventory RKL 1973, ZONE 2				Source #220 0101-4575-8						SPECIAL TESTS	UNIT	DEPTH (ft)
SAMPLE			SOIL DESCRIPTION	GROUND ICE DESCRIPTION	TEMP	PLASTIC LIMIT	WATER CONTENT (%)	LIQUID LIMIT				
TYP	NO.	Q										
0			SILT-(ML)-some fine sand, uniform gradation, ice lenses and inclusions.									0
1												5
2			ICE-(I)-trace soil inclusions.									10
3												15
4			GRAVEL-(GW)-and sand, well graded, ice crystals.									20
5			ICE-(I)-trace silt inclusions.									25
6												30
7												
8												
9												
10			Test Hole Ends at 30.0'. Note: Three holes drilled at same location.									

N7673100 E514800 Z8
Coordinates Estimated
Richards Island, NWT

SAMPLE TYPE

 GRAB
 CORE BARREL

 CORE
 CORE

INDIAN AND NORTHERN AFFAIRS
INUVIALUIT LAND ADMINISTRATION
DRAWING NUMBER

BOREHOLE NUMBER
220-1B

BOREHOLE LOG AND LABORATORY TEST RESULTS