

107B

Aklavik, Northwest Territories

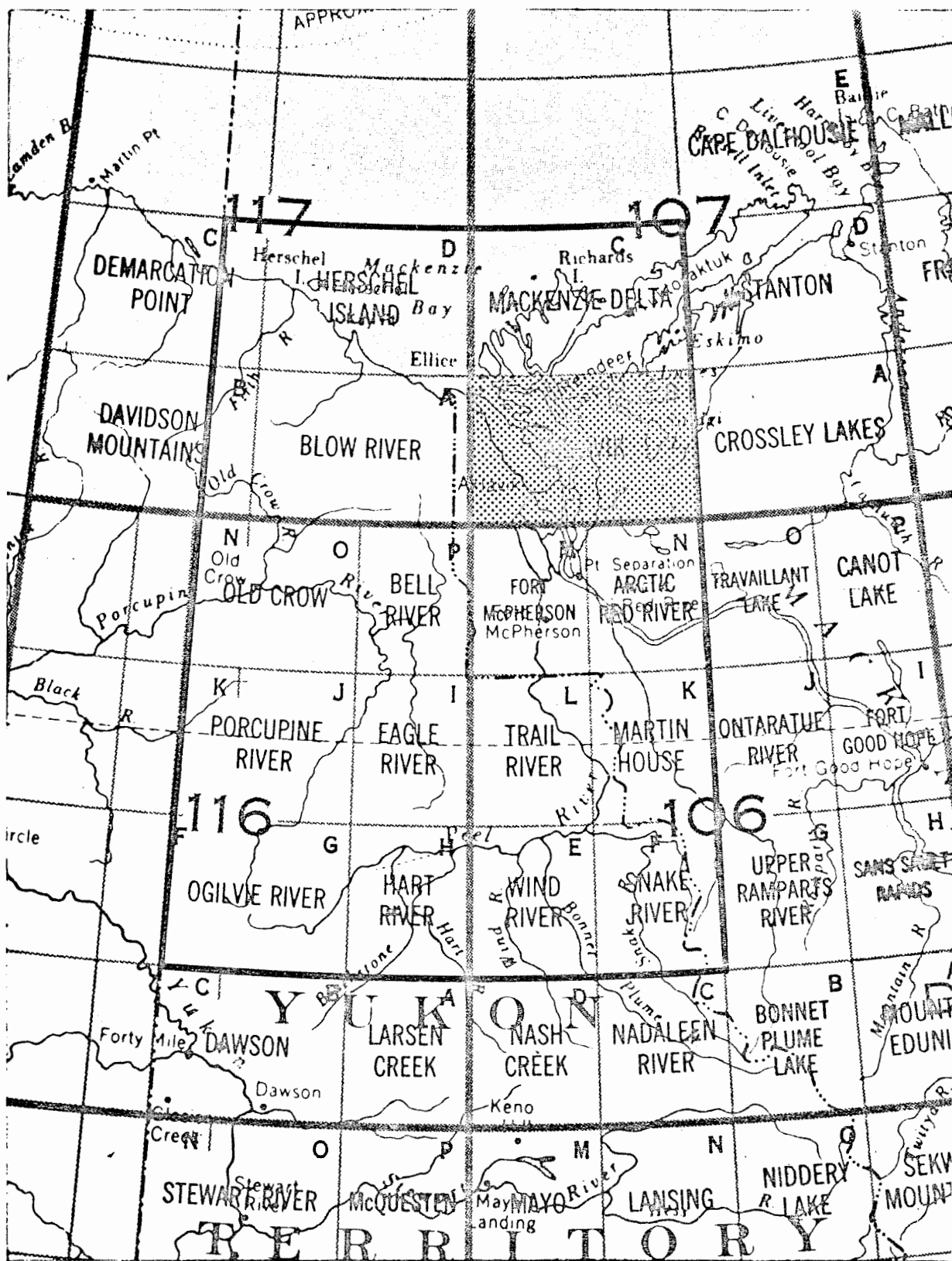
D.K. Norris, 1975

Acknowledgments

Geological synthesis based on field observations and/or paleontological determinations made by the following geologists and industry geological departments, listed alphabetically, with corresponding years of field activity where applicable: Geological Survey of Canada - W.W. Brideaux; T.P. Chamney; L.D. Dyke, 1974; W.S. Hopkins; O.L. Hughes, 1962; J.A. Jeletzky, 1955, 1958; E.W. Mountjoy, 1962; A.W. Norris, 1962, 1970; D.K. Norris, 1962, 1970, 1973, 1975; R.A. Price, 1962; R.M. Procter, 1962; G.R. Turnquist, 1962; J.H. Wall. Industry geological departments - Gulf Oil Canada Ltd.; Texaco Exploration Ltd., 1959.

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Any revisions or additional information known to the user would be welcomed by the Geological Survey of Canada.



Geographic map of northern Yukon Territory and adjacent District of Mackenzie with the Operation Porcupine project area outlined and with Aklavik Map-Area (107B) identified.

Aklavik Map-Area

Schedule of Wells

No.	Name	Date		T.D. (metres)	Status
		Spudded	Completed		
1	IOE BA Shell Tununuk K-10	13/8/68	16/6/69	3757	Dry & abandoned
2	Amoco Ulster Scurry Inuvik D-54	19/7/69	6/9/69	1562	Dry & abandoned
3	Gulf East Reindeer P-60	17/3/70	19/4/70	1920	Dry & abandoned
4	Gulf East Reindeer C-38	2/5/70	18/6/70	2594	Dry & abandoned
5	Shell Aklavik A-37	2/8/70	5/10/70	2584	Dry & abandoned
6	Shell Beaverhouse Creek H-13	23/11/70	17/3/71	3748	Dry & abandoned
7	Gulf Mobil East Reindeer G-04	7/1/71	15/4/71	3734	Dry & abandoned
8	Gulf Mobil East Reindeer A-01	9/5/71	19/6/71	2954	Dry & abandoned
9	Gulf Mobil Parsons F-09	20/12/71	8/4/72	3547	Suspended gas
10	Union Aklavik F-17	6/1/73	8/2/73	892	Dry & abandoned
11	Gulf Mobil Parsons N-10	24/2/73	29/5/75	3205	Capped gas
12	Union Aklavik F-38	17/3/73	11/6/73	2056	Dry & abandoned
13	Shell Kugpik O-13	26/3/73	30/8/73	3688	Dry & abandoned
14	Gulf Mobil Ikhi I-37	10/4/73	15/10/73	4704	Dry & abandoned
15	Shell Unak B-11	7/11/73	17/3/74	3345	Dry & abandoned
16	Gulf Mobil Parsons P-53	22/12/73	9/4/74	3435	Capped gas
17	Gulf Mobil Atigi O-48	9/1/74	28/2/74	1981	Dry & abandoned
18	Gulf Mobil Parsons O-27	23/3/74	27/8/74	3570	Capped gas
19	Shell Napoiak F-31	12/4/74	17/5/74	1529	Dry & abandoned
20	Shell Kipnik O-20	14/7/74	21/11/74	3556	Dry & abandoned
21	Gulf Mobil Kamik D-58	26/11/74	14/3/75	3191	Dry & abandoned
22	Shell Kugpik L-24	3/2/75	11/4/75	2817	Dry & abandoned
23	Gulf Mobil Ogeoqeq J-06	23/2/75	13/3/75	1839	Dry & abandoned
24	Gulf Mobil Kamik L-60	29/3/75	4/6/75	3207	Dry & abandoned
25	Gulf Mobil Parsons A-44	9/4/75	22/7/75	3536	Dry & abandoned

Symbols

	Geological boundary
	Anticline, symmetrical, asymmetrical, overturned
	Syncline, symmetrical, asymmetrical, overturned
	Fault, contraction, teeth on upthrown side
	Fault, extension, solid circle on downthrown side
	Fault, transcurrent with inferred relative horizontal movement
Location of boundaries, folds and faults is approximate; where assumed, line is broken; where concealed, dots alternate with dashes. For asymmetrical folds the long arrow points in direction of dip of axial surface.	
	Bedding attitude; measured, estimated from aircraft
	Foliation attitude
	Lineament; sense of displacement, if any, unknown
	Facies change; approximate trace of interface
x	Outcrop or felsenmeer examined; no bedding attitude obtainable
55135	Fossil occurrence with GSC (or other) locality number
PeMi	Paleontological age
465 my	Apparent radiometric age
?Pjc2	Tentative formational assignment
Ø1 02 03	Borehole; abandoned, suspended gas, suspended oil; number indicates order of drilling in each map area from spudding date
o	Pingo (NTS Map-Areas 107B and C only)
⚡ Cu	Prospect, with mineral type
	Esker, ridges within esker complexes
	Drumlins and drumlinoid ridges; ice direction inferred, not inferred
116H5	Stratigraphic section; locus with GSC identification by NTS Map-Area
A-----B	Line of structure section
m, nm	Lithotope; marine, non-marine
////////	Rock units not in contact (Composite Legend only)
—5000'—	Structure contours on pre-Mesozoic unconformity (NTS Map-Areas 107B and C only)

107C

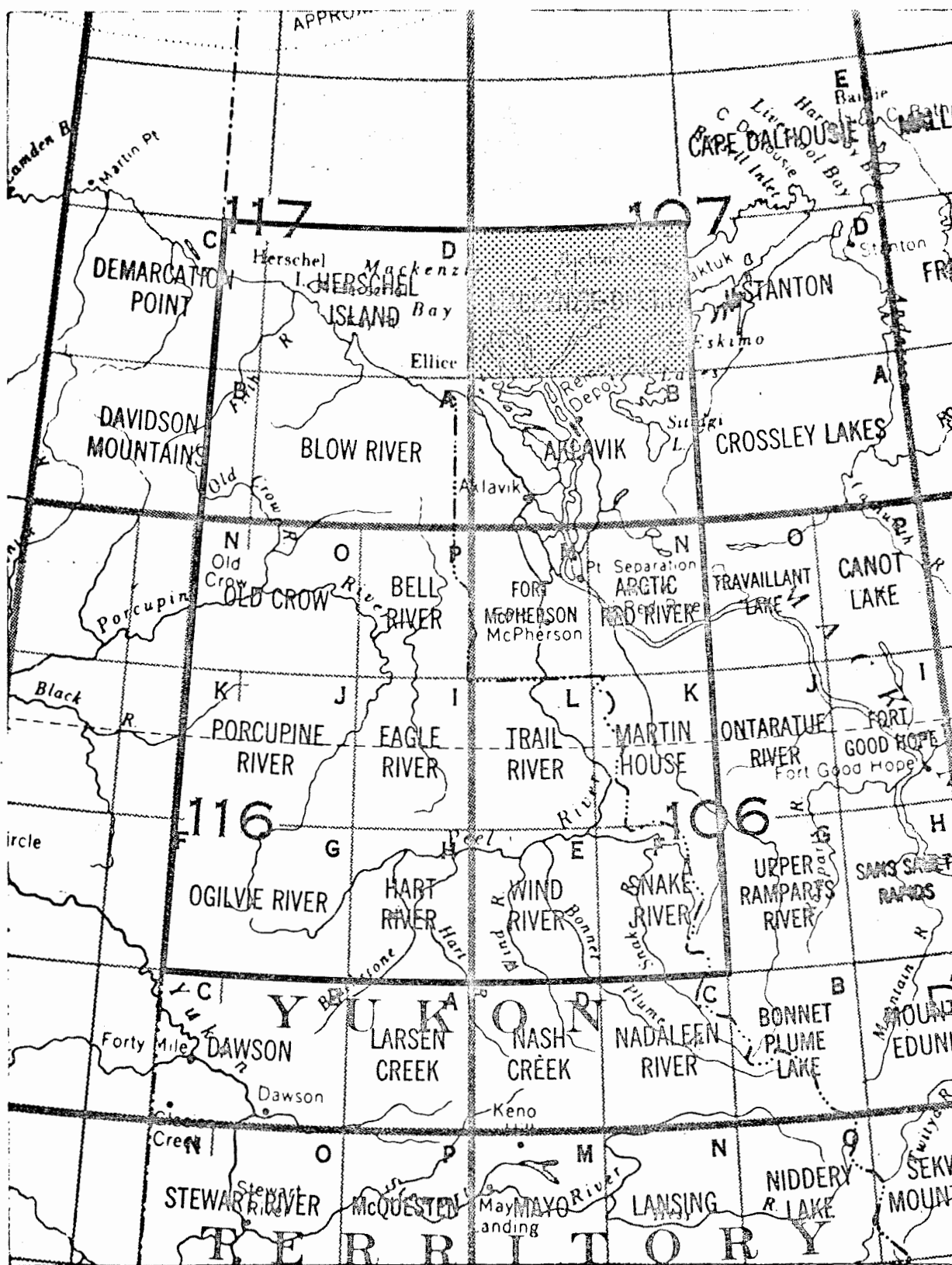
Mackenzie Delta, Northwest Territories

D.K. Norris, 1975

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Geographic map of northern Yukon Territory and adjacent District of Mackenzie with the Operation Porcupine project area outlined and with Mackenzie Delta Map-Area (107C) identified.

1076
Mackenzie Delta Map-Area

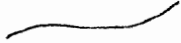


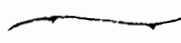
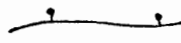
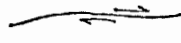
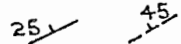
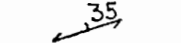
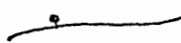
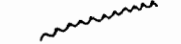
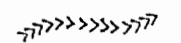
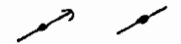
Schedule of Wells

No.	Name	Date		T.D. (metres)	Status
		Spudded	Completed		
1	BA Shell IOE Reindeer D-27	9/7/65	5/1/66	3861	Dry & abandoned
2	IOE Tuk F-18	29/12/68	27/4/69	3146	Suspended gas
3	IOE Eskimo J-07	10/5/69	31/5/69	906	Dry & abandoned
4	IOE Ellice O-14	19/11/69	4/2/70	2905	Dry & abandoned
5	IOE Tuktu O-19	3/12/70	6/2/71	2316	Dry & abandoned
6	IOE Magak A-32	20/12/70	22/1/71	1573	Dry & abandoned
7	IOE Mayogiak J-17	3/4/71	6/8/71	3686	Oil
8	IOE Taglu G-33	13/4/71	18/8/71	2994	Gas
9	Imp. IOE Pikiolik E-54	11/12/71	4/2/72	3118	Temperature ob- servation
10	IOE Taglu West P-03	12/12/71	6/3/72	3310	Suspended gas
11	Imperial IOE Kimik D-29	17/12/71	4/2/72	2658	Temperature ob- servation
12	Imperial IOE Pikiolik M-26	22/12/71	30/1/72	1984	Temperature ob- servation
13	IOE Mallik L-38	24/12/71	5/4/72	2532	Gas
14	Gulf Mobil Kilagmiotak F-4	4/2/72	21/8/72	4772	Temporarily suspended
15	IOE Taglu D-55	6/4/72	16/7/72	3706	Abandoned temper- ature observation
16	Imperial Ivik J-26	8/4/72	30/9/72	3648	Temperature ob- servation
17	Imperial Mallik A-06	21/4/72	14/9/72	4137	Dry & abandoned
18	IOE Taglu C-42	30/4/72	5/9/72	4895	Suspended gas
19	Imperial Aterak E-41	1/5/72	13/7/72	1984	Dry & abandoned
20	Gulf Mobil Siku C-55	2/5/72	8/11/72	4506	Dry & abandoned

No.	Name	Date		T.D. (metres)	Status
		Spudded	Completed		
21	Shell Unipkat I-22	8/9/72	6/3/73	4361	Observation suspended
22	Gulf <u>et al.</u> Titalik K-26	17/10/72	21/1/73	3840	Potential gas
23	Shell Niglintgak H-30	24/10/72	7/4/73	2383	Suspended gas
24	Gulf Mobil Ya Ya P-53	8/12/72	17/3/73	3033	Suspended gas
25	Imperial Cigol Akku F-14	9/12/72	1/1/73	1514	Dry & abandoned
26	Imperial Nuktak C-22	16/12/72	8/3/73	3857	Dry & abandoned
27	Imperial Umiak J-37	17/12/72	22/2/73	3633	Dry & abandoned
28	Imperial Ivik C-52	19/12/72	7/2/73	3048	Dry & abandoned
29	Imperial Mallik P-59	30/12/72	22/2/73	2632	Dry & abandoned
30	Imperial Ivik N-17	10/1/73	15/3/73	3049	Dry & abandoned
31	Chevron SOBC Upluk C-21	19/2/73	19/5/73	1637	Dry & abandoned
32	Gulf Imperial Shell Reindeer F-36	13/3/73	5/6/73	1829	Suspended gas
33	IOE Taglu F-43	23/3/73	19/6/73	4555	Suspended gas
34	Imperial Ivik K-54	30/3/73	22/5/73	3151	Dry & abandoned
35	Imperial Langley E-29	8/4/73	29/6/73	3810	Dry & abandoned
36	Imperial Wagnark G-12	18/4/73	5/8/73	3572	Dry & abandoned
37	Shell Kumak C-58	25/4/73	19/10/73	3530	Dry & abandoned
38	Imperial Immerk B-48	17/9/73	10/12/73	2708	Dry & abandoned
39	Shell Kumak J-06	24/11/73	1/5/74	3481	Suspended oil
40	Gulf Mobil Toapolok O-54	27/11/73	1/4/74	2786	Dry & abandoned
41	Gulf Imperial Shell Reindeer A-41	22/12/73	20/1/74	1829	Dry & abandoned
42	Imperial Nuna A-32	28/12/73	18/3/74	3578	Dry & abandoned
43	Imperial Adgo F-28	28/12/73	19/3/74	3209	Plugged oil & gas
44	Chevron SOBC Upluk M-38	7/2/74	4/3/75	3764	Dry & abandoned
45	Gulf Mobil Ya Ya A-28	28/2/74	6/7/74	3944	Gas

No.	Name	Date		T.D. (metres)	Status
		Spudded	Completed		
46	Imperial Mayogiak L-39	10/4/74	30/8/74	4447	Dry & abandoned
47	Imperial Pullen E-17	21/4/74	11/7/74	3885	Dry & abandoned
48	Gulf Mobil Toapolok H-24	21/4/74	15/6/74	2623	Dry & abandoned
49	Shell Niglintgak M-19	1/6/74	20/1/75	4025	Oil & gas
50	Sun BVX <u>et al.</u> Unark L-24	26/9/74	24/5/75	3813	Dry & abandoned
51	Sun BVX <u>et al.</u> Pelly B-35	5/11/74	14/2/75	3328	Dry & abandoned
52	Gulf Mobil Ya Ya I-17	22/11/74	11/1/75	2682	Dry & abandoned
53	Gulf Mobil Ya Ya M-33	22/11/74	13/2/75	2789	Dry & abandoned
54	Gulf Mobil Kikoralok N-46	20/12/74	25/1/75	1877	Dry & abandoned
55	Dome Imperial Immak J-29	22/12/74	12/3/75	3405	Dry & abandoned
56	Imperial Adgo P-25	2/1/75	28/3/75	2538	Abandoned oil & gas
57	Imperial Netserk B-44	6/1/75	8/6/75	3528	Dry & abandoned
58	Gulf <u>et al.</u> Red Fox P-21	23/2/75	3/6/75	4179	Dry & abandoned
59	Shell Kumak K-16	23/2/75	15/7/75	3709	Oil & gas
60	Imperial Adgo C-15	21/4/75	28/7/75	3193	Dry & abandoned
61	Shell <u>et al.</u> Titalik O-15	21/4/75	21/8/75	3383	Dry & abandoned
62	Sun <u>et al.</u> Garry P-04	25/8/75			

Symbols

	Geological boundary
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?Pjc2	Tentative formational assignment
Ø1 02 03	Borehole; abandoned, suspended gas, suspended oil; number indicates order of drilling in each map area from spudding date
•	Pingo (NTS Map-Areas 107B and C only)
↖ Cu	Prospect, with mineral type
	Esker, ridges within esker complexes
	Drumlins and drumlinoid ridges; ice direction inferred, not inferred
116H5	Stratigraphic section; locus with GSC identification by NTS Map-Area
A ————— B	Line of structure section
m, nm	Lithotope; marine, non-marine
////////	Rock units not in contact (Composite Legend only)
—5000'—	Structure contours on pre-Mesozoic unconformity (NTS Map-Areas 107B and C only)