

Table 1. Geothermal gradient from this study for the Beaufort-Mackenzie Basin

99999 IBPF/Tc cannot be determined

*Data used for BT - Final pick mainly from deep borehole temperature-depth profile

final pick GP - Final pick from geophysical method (well logs and well seismic survey)

TS - Final pick from temperature survey

WH - Final pick from lithology (LITH), or/and drilling parameters log (DL), or/and other information

WL - Final pick from Well logs

WSS - Final pick mainly from well seismic velocity survey

UWI	Well Short Name	Well Status	KB	GL	Ice-bearing permafrost base					Geothermal Gradient		Comments	
					Base of fully frozen		Quality	Formation/ Sequence	PF present	Data used for final pick*	G		Quality
			(m)	(m)	(mKB)	(mGL/SF)							
300E566950136450	Aagnerk E-56	Abandoned	20	-33	337	284	b	Iperk	Yes	GP	39.1	d	
300C156930135450	Adgo C-15	Abandoned	10.2	-1.5	267	256	b	Iperk	Yes	GP	31.1	a	
300F286930135450	Adgo F-28	Gas and oil	8.3	-2.1	218	208	c	Iperk	Probably Yes	GP	32.4	a	
300G246930135450	Adgo G-24	Gas	9.3	-1.8	278	267	b	Iperk	Yes	GP	33.2	b	
300H296930135450	Adgo H-29	Gas	10.2	-2.8	247	234	b	Iperk	Yes	GP	30.2	a	
300J276930135450	Adgo J-27	Gas and oil	12.7	-1.8	220	206	b	Iperk	Yes	GP	33.2	b	
300P256930135450	Adgo P-25	Gas and oil	8.2	-1.8	258	248	b	Iperk	Yes	GP	32.3	a	
300P096940137450	Adlartok P-09	Oil	12.8	-67.5	0	0	c	Quaternary	Probably No	GP	37.8	a	
300I457030133300	Aiverk I-45	Abandoned	11.5	-61.9	575	502	a	Iperk	Yes	GP	27.7	c	G is from Aiverk 2I-45
300I457030133300	Aiverk 2I-45	Suspended	11.9	-60	575	503	a	Iperk	Yes	GP	26.7	c	
300F146930132150	Akku F-14	Abandoned	40.2	33.5	250	243	a	Aklak	Yes	GP	35.6	b	
300A376820135000	Aklavik A-37	Abandoned	10.1	2.4	63	55	b	Quaternary	Yes	GP	28.2	b	
300F176810135000	Aklavik F-17	Abandoned	8.2	2.7	126	120	c	Quaternary		BT, WH	40.0	d	
300F386810135000	Aklavik F-38	Abandoned	12.2	7	135	130	c	Quaternary		BT, WH	30.8	d	
302P357020134000	Akpak 2P-35	Abandoned	20	-41	622	561	a	Iperk	Yes	GP	26.4	d	
300P357020134000	Akpak P-35	Abandoned	20	-41	622	561	a	Iperk	Yes	GP	26.4	d	G is from Akpak 2P-35
300P237000132450	Alerk P-23	Abandoned	15.7	-11.6	621	594	a	Iperk	Yes	GP	25.6	d	
300H166940131000	Amaguk H-16	Abandoned	20	17	184	181	a	Iperk	Yes	GP	28.3	c	
300N447000130450	Amarok N-44	Abandoned	19.3	12.3	236	229	b	Aklak	Yes	GP	30.0	d	
302F247010133300	Amauligak 2F-24	Abandoned	26.6	-32	551	492	b	Iperk	Yes	WL	32.8	a	
302F247010133301	Amauligak 2F-24A	Gas	26.6	-32	551	492	b	Iperk	Yes	WL	32.8	a	
302F247010133302	Amauligak 2F-24B	Gas and oil	26.6	-32	551	492	b	Iperk	Yes	WL	32.8	a	
300F247010133300	Amauligak F-24	Gas and oil	26.6	-32	551	492	b	Iperk	Yes	WL	32.8	a	
300I657010133300	Amauligak I-65	Gas and oil	22.9	-32	684	629	a	Iperk	Yes	GP	32.9	b	
300I657010133301	Amauligak I-65A	Gas and oil	22.9	-32	684	629	a	Iperk	Yes	GP	32.9	b	
300I657010133302	Amauligak I-65B	Gas and oil	22.9	-32	684	629	a	Iperk	Yes	GP	32.9	b	
300J447010133300	Amauligak J-44	Oil	19.5	-30.45	548	498	b	Iperk	Yes	GP	27.7	c	
300O867010133300	Amauligak O-86	Gas and oil	20	-32	683	631	a	Iperk	Yes	GP	28.7	c	
300O097000133300	Amerk O-09	Gas	16.1	-26	688	646	a	Iperk	Yes	GP	27.8	b	
300L037020129300	Angasak L-03	Abandoned	13	-5.5	163	144	b	Iperk	Yes	WL	37.7	d	
300E907020135000	Arluk E-90	Abandoned	12.8	-58	127	56	b	Iperk	Yes	GP	33.3	b	
300K066950133450	Arnak K-06	Gas and oil	12.6	-7.8	619	599	b	Iperk	Yes	GP	25.7	b	
300L306950133450	Arnak L-30	Abandoned	14.9	-8.2	639	616	a	Iperk	Yes	GP	28.0	b	
300E416940132300	Atertak E-41	Suspended	19.8	12.3	528	521	a	Aklak	Yes	GP	34.3	a	
300K316940132300	Atertak L-31 (K-31)	Abandoned	30.5	23.3	560	553	b	Aklak	Yes	GP	30.0	c	
300G046900133450	Atigi G-04 (E. Reindeer G-04)	Suspended	52.1	46.6	321	316	c	Aklak	Yes	GP	34.1	b	

UWI	Well Short Name	Well Status	KB	GL	Ice-bearing permafrost base						Geothermal Gradient		Comments
					Base of fully frozen		ality	Formation/	PF	Data used for final	G	Quality	
300O486900133450	Atigi O-48	Abandoned	90.8	84.7	570	564	a	Richards	Yes	TS	27.9	a	
300A556950131450	Atkinson A-55	Abandoned	9	2.2	551	544	a	Aklak	Yes	GP	35.1	b	
300H256950131450	Atkinson H-25	Oil	8.5	4	466	462	a	Aklak	Yes	GP	38.9	b	
300M336950131450	Atkinson M-33	Abandoned	12.8	7.6	489	484	b	Aklak	Yes	GP	36.8	c	
300H136830135300	Beaverhouse Creek H-13	Abandoned	74.7	67.7	204	197	a	Mount Goodenough	Yes	TS	25.8	b	
300E476850137150	Blow River Yt. E-47	Abandoned	117	112.2	31	26	c	Albian Flysch	Probably Yes	WH	26.1	a	
300K606830129150	Crossley Lake S. K-60	Abandoned	153	150.9	25	23	c	Hare Indian	Probably Yes	GP, WH	21.8	d	
300N447000136000	East Tarsiut N-44	Oil	18	-22	460	420	a	Iperk	Yes	GP	33.0	c	
300N447000136001	East Tarsiut N-44A	Oil	18	-22	460	420	a	Iperk	Yes	GP	33.0	c	
300M566950140000	Edlok M-56 (N-56)	Abandoned	12	-31.5	0	0	b	Quaternary	No	GP	26.2	c	
300I486910135450	Ellice I-48	Gas	12.8	3.1	60	50	c	Iperk	Yes	WSS	26.8	b	
300O146910135450	Ellice O-14	Abandoned	5.2	1	35	31	c	Iperk	Yes	WSS	26.2	c	
300J076920132300	Eskimo J-07	Abandoned	27.1	21	156	150	a	Iperk	Yes	GP	47.7	d	
300B606840136000	Fish River B-60	Abandoned	187	177.7	59	50	c	Reindeer	Yes	WH	24.0	d	
300G076930135300	Garry G-07	Gas	17.4	8.8	371	362	a	Iperk	Yes	GP	30.4	a	
300P046930135300	Garry P-04	Gas and oil	8.5	1.3	393	386	b	Kugmallit	Yes	GP	30.5	a	
300G076940134000	Hansen G-07	Gas and oil	15.9	8.2	568	560	b	Iperk	Yes	GP	24.2	a	
300B417030132000	Havik B-41	Oil	11.5	-35	641	595	a	Iperk	Yes	GP	29.2	b	
300G027000127150	Horton River G-02	Abandoned	38.1	33.5	146	141	a	Quaternary	Yes	TS	21.5	d	
300J176920136150	Ikattok J-17	Abandoned	8.9	-7.6	106	90	c	Iperk	Yes	WSS	28.0	a	
300A016850134000	Ikhiil A-01 (E. Reindeer A-01)	Abandoned	191	184.4	177	171	b	Aklak	Yes	GP	29.3	b	
300I376850134000	Ikhiil I-37	Abandoned	132	125	348	341	a	Iperk	Yes	TS	29.4	b	
300J356850134000	Ikhiil J-35	Gas	159	154	279	274	b	Aklak	Yes	WL	33.8	d	
300K356850134000	Ikhiil K-35	Gas	156	151.5	243	238	c	Aklak	Yes	WSS	30.9	c	
300N266850134000	Ikhiil N-26	Abandoned	165	160.8	326	321	b	Aklak	Yes	WL	99999		No temperature data
300B486940135000	Immerk B-48	Abandoned	13.8	4.2	543	533	b	Kugmallit	Yes	GP	30.3	c	
300A066950137000	Immiugak A-06	Abandoned	20	-32.6	310	257	c	Iperk	Yes	BT, WH	38.5	d	
300N056950137000	Immiugak N-05	Abandoned	20	-32	320	268	c			WH	99999		No temperature data
300J296910133000	Imnak J-29	Oil	18.3	9.9	400	392	b	Iperk	Yes	GP	32.0	b	
300D546830133300	Inuvik D-54	Abandoned	42	36.5	25	20	c	Arctic Red	Probably Yes	WSS, WH	20.9	d	
300B357040134000	Irkakuk B-35	Abandoned	11.9	-56.4	404	336	b	Iperk	Yes	GP	24.3	b	
300E277000134150	Isserk E-27	Gas	11.3	-12.8	635	611	a	Iperk	Yes	GP	30.6	d	
300I157000134150	Isserk I-15	Gas	26.6	-11.8	638	600	a	Iperk	Yes	GP	31.2	a	
302O617010134000	Issungnak 2O-61	Gas	17	-19	637	601	c	Iperk	Yes	BT	35.2	a	
300O617010134000	Issungnak O-61	Gas	7.9	-19	627	600	c	Iperk	Yes	BT	35.2	a	
300F297000134000	Itiginkpak F-29	Abandoned	9.5	3.8	60	54	c	Arctic Red	Yes	WSS	33.1	d	
300I277000134000	Itiyok I-27	Gas and oil	15.1	-15	632	602	a	Iperk	Yes	GP	25.9	a	
300B526940131450	Itkrilek B-52	Abandoned	10.4	6.3	340	336	b	Aklak	Yes	GP	42.5	d	
300C526940134150	Ivik C-52	Abandoned	21.3	13	631	623	a	Kugmallit	Yes	GP	26.6	c	
300J266940134150	Ivik J-26	Oil	30.3	23	648	641	a	Mackenzie Bay	Yes	GP	25.0	a	
300K546940134150	Ivik K-54	Oil	42.2	32.9	660	651	a	Mackenzie Bay	Yes	GP	25.1	b	
300N176940134150	Ivik N-17	Abandoned	35.3	28.3	672	665	a	Mackenzie Bay	Yes	GP	25.1	c	
300O076950136000	Kadluk O-07	Gas	16.2	-13.6	482	452	b	Iperk	Yes	GP	35.0	a	
300A757040130300	Kaglulik A-75	Abandoned	13.4	-26.8	385	345	b	Iperk	Yes	WL	99999		
300M647040130300	Kaglulik M-64	Abandoned	12.2	-26.8	99999	99999					99999		No temperature data
300D486900133150	Kamik D-48	Oil	33.2	28	386	381	b	Aklak	Yes	TS	33.8	b	
300D586900133150	Kamik D-58	Gas	44.8	39.3	327	322	c	Aklak	Yes	GP	33.3	b	
300F386900133150	Kamik F-38	Abandoned	27.1	21.8	404	399	c	Aklak	Yes	WL	31.6	c	

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					Base of fully frozen		ality	Formation/	PF	Data used for final	G		Quality
300L606900133150	Kamik L-60	Abandoned	67.7	61	366	359	c	Aklak	Yes	WH	30.0	c	
300F427000131000	Kanguk F-42	Abandoned	7.9	1.2	473	466	a	Aklak	Yes	GP	33.6	d	
300I247000131000	Kanguk I-24	Abandoned	11.3	7.3	405	401	c	Aklak	Yes	WSS, WH	36.9	d	
300G427010131000	Kannerk G-42	Abandoned	12.2	-8.5	601	580	a	Aklak	Yes	GP	30.0	d	
300J397000130000	Kapik J-39	Abandoned	13.4	6.4	470	463	b	Aklak	Yes	GP	39.5	b	
300I437000135150	Kaubvik I-43	Abandoned	13.4	-18	578	547	a	Iperk	Yes	GP	33.2	c	
300J947050133300	Kenalook J-94	Gas	12.2	-67.7	318	238	b	Iperk	Yes	GP	22.7	c	
300A437000135450	Kiggavik A-43	Gas	11.6	-18.4	430	400	c	Iperk	Yes	GP	30.4	c	
300N466910134450	Kikoralok N-46	Abandoned	14.9	6.1	100	91	c	Iperk	Yes	BT	26.8	a	
300F486930134000	Kilagmiotak F-48	Abandoned	26.5	19.8	690	683	b	Kugmallit	Yes	GP	28.5	c	
300M166930134000	Kilagmiotak M-16	Abandoned	29.9	24.4	725	720	a	Mackenzie Bay	Yes	GP	25.4	d	
300A777050129000	Kilannak A-77	Abandoned	12.2	-25.3	78	41	c	Iperk	Yes	WL	39.2	d	
300I296930131150	Kiligvak I-29	Abandoned	17.4	13.7	116	112	c	Iperk	Yes	WSS, WH	32.6	d	
300D296940132150	Kimik D-29	Abandoned	18.6	10	564	555	c	Aklak	Yes	WSS	37.6	d	
300J546950137150	Kingark J-54	Gas	12	-59.4	101	30	c	Iperk	Yes	BT	35.9	b	
300O206850134450	Kipnik O-20	Abandoned	12.3	4	62	54	b	Iperk	Yes	GP	26.8	b	
300O227030134000	Koakoak O-22	Oil	12.8	-47.2	585	525	b	Iperk	Yes	GP	28.9	b	
300N677010133000	Kogyuk N-67	Abandoned	28	-28	685	629	a	Iperk	Yes	GP	28.1	c	
302I447030135000	Kopanoar 2I-44	Gas and oil	11.9	-57.9	316	247	b	Iperk	Yes	GP	28.3	a	
302L347030135000	Kopanoar 2L-34	Abandoned	11.8	-56.4	324	256	b	Iperk	Yes	GP	22.5	d	
300D147030135000	Kopanoar D-14	Abandoned	12.2	-56.7	99999	99999				99999			No temperature data
300I447030135000	Kopanoar I-44	Abandoned	11.9	-58.7	317	246	b	Iperk	Yes	GP	28.3	a	
300L347030135000	Kopanoar L-34	Abandoned	12.1	-58.2	324	254	b	Iperk	Yes	GP	22.5	d	
300M137030135000	Kopanoar M-13	Oil	11.9	-57.3	309	240	c	Iperk	Yes	WSS	27.9	c	
300N026840131300	Kugaluk N-02	Abandoned	216	213.4	104	102	a	Imperial	Yes	TS	99999		No temperature data
300H596940133150	Kugmallit H-59	Abandoned	11.5	-5.5	690	673	a	Kugmallit	Yes	GP	25.5	d	
300L246900135150	Kugpik L-24	Abandoned	12.2	2.9	80	71	b	Iperk	Yes	GP	33.0	b	
300L466900135150	Kugpik L-46	Suspended	13.4	4	75	66	c	Iperk	Yes	WSS, WH	25.4	d	
300O136900135150	Kugpik O-13	Oil	10.4	1.8	103	94	a	Iperk	Yes	TS	30.7	a	
300C586920135000	Kumak C-58	Abandoned	11	2.4	236	227	b	Iperk	Yes	GP	27.2	c	
300E586920135000	Kumak E-58	Gas	10.7	2.1	283	274	a	Iperk	Yes	TS	35.2	b	
300J066920135000	Kumak J-06	Gas and oil	17.7	9.1	239	230	b	Iperk	Yes	GP	32.2	b	
300K166920135000	Kumak K-16	Gas and oil	11.4	2.9	240	232	a	Iperk	Yes	GP	27.8	a	
300M156910135151	Kurk M-15	Suspended	10.8	1.4	75	66	c	Iperk	Yes	WSS	24.6	a	
300M396910135150	Kurk M-39	Abandoned	8.7	1.7	80	73	c	Iperk	Yes	WSS	25.2	c	
300E296920135300	Langley E-29	Abandoned	10.6	0.9	52	42	b	Iperk	Yes	GP	29.3	c	
300K306920135300	Langley K-30	Gas	7.7	2.4	64	59	b	Iperk	Yes	WL	28.7	c	
300K457000131150	Louth K-45	Abandoned	8.5	1.5	563	556	b	Kugmallit	Yes	GP	31.5	d	
300A326940132000	Magak A-32	Abandoned	35.1	30.8	236	232	a	Aklak	Yes	GP	35.1	d	
302L386930134300	Mallik 2L-38	Gas	8.4	1.4	608	601	b	Mackenzie Bay	Yes	WL	30.2	c	
303L386930134300	Mallik 3L-38	Suspended	5	1	99999	99999				99999			No temperature data
304L386930134300	Mallik 4L-38	Suspended	5	1	99999	99999				99999			No temperature data
305L386930134300	Mallik 5L-38	Suspended	5	1	604	600	b	Mackenzie Bay	Yes	WL	30.2	c	
300A066930134300	Mallik A-06	Suspended	35.5	27.3	632	624	a	Mackenzie Bay	Yes	GP	31.5	a	
300J376930134300	Mallik J-37	Abandoned	10.2	0.7	602	593	a	Mackenzie Bay	Yes	GP	32.0	c	
300L386930134300	Mallik L-38	Gas	9.8	0.9	604	595	a	Mackenzie Bay	Yes	GP	30.2	c	
300P596930134300	Mallik P-59	Abandoned	8.2	0.9	640	633	a	Mackenzie Bay	Yes	GP	26.5	c	
300G126930132450	Mayogiak G-12	Abandoned	33.9	27.6	398	392	b	Aklak	Yes	GP	30.4	d	
300J176930132450	Mayogiak J-17	Oil	22.5	17.6	411	406	c	Iperk	Yes	WSS, WH	32.5	b	

UWI	Well Short Name	Well Status	KB	GL	Ice-bearing permafrost base						Geothermal Gradient		Comments
					Base of fully frozen		ality	Formation/	PF	Data used for final	G	Quality	
300L396930132450	Mayogiak L-39	Abandoned	14.2	4.9	544	535	a	Iperk	Yes	GP	30.2	c	
300M166930132450	Mayogiak M-16	Abandoned	18.9	8.2	411	400	b	Aklak	Yes	WL	30.9	d	
300N346930132450	Mayogiak N-34	Abandoned	31.2	27.6	456	452	b	Aklak	Yes	WL	34.7	d	
300I536950136150	Minuk I-53	Gas	15.2	-14.2	245	216	c	Iperk	Yes	GP	36.6	b	
300J236920135450	N. Ellice J-23	Abandoned	10.9	0.9	62	52	a	Iperk	Yes	TS	27.4	b	
300L396920135450	N. Ellice L-39	Abandoned	13.9	-1.8	96	80	c	Iperk	Yes	BT	26.6	c	
300L867010134000	N. Issungnak L-86	Abandoned	12.2	-26.2	686	648	a	Iperk	Yes	GP	30.8	c	
300M016840134300	Napartok M-01	Abandoned	15.8	5.1	58	47	b	Iperk	Yes	GP	34.3	d	
300F316830134450	Napoiak F-31	Abandoned	13.1	5.4	74	67	a	Quaternary	Yes	GP	32.7	a	
300H506950131300	Natagnak H-50	Abandoned	6.4	0.9	540	535	a	Iperk	Yes	GP	40.4	c	
300K236950131300	Natagnak K-23	Abandoned	26.8	22.9	518	514	a	Aklak	Yes	GP	31.9	d	
300K536950131300	Natagnak K-53	Abandoned	20.1	13.4	559	552	a	Aklak	Yes	GP	34.1	d	
300O596950131300	Natagnak O-59	Abandoned	9.2	2.5	535	528	b	Iperk	Yes	WL	36.9	c	
300O447010137000	Natiak O-44	Suspended	11.5	-44.5	0	0	c	Iperk	Probably No	GP	30.6	d	
300E566950139300	Natsek E-56	Abandoned	12.2	-33.7	0	0	c	Iperk	Probably No	WSS	27.6	c	
300K597030136000	Nektoralik K-59	Gas and oil	12.8	-64.3	0	0	c	Iperk	Probably No	WSS	29.2	a	
300J677030133000	Nerlerk J-67	Abandoned	20	-45	601	537	c	Iperk	Yes	WH	25.0	d	
300M987030133000	Nerlerk M-98	Oil	12.8	-52.1	532	467	a	Iperk	Yes	GP	26.3	b	
300B446940135450	Netserk B-44	Gas and oil	13.4	-3.8	343	325	a	Iperk	Yes	GP	31.7	b	
300F406940135450	Netserk F-40	Gas	12.7	-7.6	518	498	b	Iperk	Yes	GP	36.4	b	
300G567000128450	Nicholson G-56	Abandoned	73.5	71.3	194	192	b	Recent	Yes	WL, WH	99999		No temperature data
300N457000128450	Nicholson N-45	Abandoned	16.8	14.6	94	92	c	Recent	Yes	WL, WH	99999		No temperature data
300B196920135150	Niglintgak B-19	Gas and oil	10.7	2.1	177	168	a	Iperk	Yes	TS	28.1	a	
300H306920135150	Niglintgak H-30	Gas	10.1	1.8	152	144	a	Iperk	Yes	TS	35.4	b	
300M196920135150	Niglintgak M-19	Gas and oil	10.1	1.5	164	155	b	Iperk	Yes	GP	26.9	a	
300L196950135150	Nipterk L-19	Gas and oil	15.5	-11	501	475	a	Iperk	Yes	GP	37.3	a	
300L196950135151	Nipterk L-19A	Gas and oil	15.2	-11	501	475	a	Iperk	Yes	GP	37.3	a	
300P326950135150	Nipterk P-32	Gas and oil	11.3	-6.9	482	464	c	Iperk	Yes	BT, WH	33.1	b	
300C226950134450	Nuktak C-22	Abandoned	47.7	38.1	702	693	a	Mackenzie Bay	Yes	GP	30.8	d	
300A106910133150	Nuna A-10	Abandoned	54.2	43.8	325	315	b	Aklak	Yes	GP	33.4	d	
300A326910133150	Nuna A-32	Abandoned	43.6	36.6	351	344	b	Aklak	Yes	GP	31.5	d	
300E406910133150	Nuna E-40	Abandoned	32.7	27.8	459	454	a	Iperk	Yes	GP	28.7	d	
300I306910133150	Nuna I-30	Suspended	41.6	32.4	332	322	b	Taglu	Yes	WL	29.4	d	
300O097000130300	Nuvorak O-09	Abandoned	11	6.1	180	175	b	Iperk	Yes	GP	38.8	b	
300J066850133450	Ogeoqeq J-06	Abandoned	84.4	75.9	178	170	b	Aklak	Yes	GP	34.6	b	
300M316900134150	Ogruknang M-31	Abandoned	108	102.9	543	538	b	Iperk	Yes	GP	28.6	b	
300H016920136000	Olivier H-01	Gas	10.7	0.9	67	57	c	Iperk	Yes	WSS	25.0	b	
300C386850133300	Onigat C-38 (E. Reindeer C-38)	Abandoned	71.6	66.1	170	165	c	Iperk	Yes	BT	28.5	d	
300D526850133300	Onigat D-52	Abandoned	132	126.9	80	75	c	Quaternary	Yes	WSS	28.9	b	
300K496850133300	Onigat K-49	Abandoned	61.6	56.8	178	173	c	Iperk	Yes	WSS, WH	34.4	c	
300O037030136300	Orvilruk O-03	Gas	12.8	-59.9	93	20	c	Iperk	Yes	BT	31.5	c	
300C606940136150	Paktoa C-60	Oil	39.1	-13.2	228	176	c	Iperk	Yes	GP	35.2	a	
300A446900133300	Parsons A-44	Gas	63.1	53.3	225	215	b	Aklak	Yes	GP	30.0	a	
300D206900133300	Parsons D-20	Gas	70.4	62	358	350	a	Aklak	Yes	TS	33.4	b	
300E026900133300	Parsons E-02 (F-02)	Abandoned	42.1	37.2	230	225	c	Aklak	Yes	BT, WH	33.1	a	
300F096900133300	Parsons F-09	Gas	63.1	57.6	380	375	c	Aklak	Yes	WSS	32.4	c	
300L376900133300	Parsons L-37	Gas	46.6	38.1	321	313	c	Aklak	Yes	TS	33.7	c	
300L436900133300	Parsons L-43	Gas	57.9	49.1	268	259	a	Aklak	Yes	TS	31.3	c	
300N106900133300	Parsons N-10	Gas	67.7	61.6	347	341	a	Aklak	Yes	TS	34.7	b	

UWI	Well Short Name	Well Status	KB	GL	Ice-bearing permafrost base					Geothermal Gradient		Comments	
					Base of fully frozen		ality	Formation/	PF	Data used for final	G		Quality
300N176900133300	Parsons N-17	Gas	53.6	45.7	328	320	a	Aklak	Yes	TS	32.7	c	
300O276900133300	Parsons O-27	Gas	42.1	36.6	336	331	b	Aklak	Yes	GP	31.2	b	
300P416900133300	Parsons P-41	Gas	71.3	66.1	250	245	c	Aklak	Yes	BT	32.6	b	
300P536900133300	Parsons P-53	Gas	51.2	45.7	296	291	b	Aklak	Yes	GP	30.1	a	
300B356940135150	Pelly B-35	Gas	8.2	-3.7	451	439	a	Iperk	Yes	GP	26.1	b	
300E546930132300	Pikiolik E-54	Abandoned	24.4	17.6	424	417	a	Aklak	Yes	GP	32.8	b	
300G216930132300	Pikiolik G-21	Abandoned	74.8	67.6	230	223	b	Aklak	Yes	WL	30.7	b	
300M266930132300	Pikiolik M-26	Suspended	24	17.4	340	333	a	Aklak	Yes	GP	33.2	d	
300A057000136450	Pitsiulak A-05	Oil	20	-29	78	29	c	Iperk	Yes	WSS, WH	32.4	b	
300E176950134150	Pullen E-17	Abandoned	12.8	-1.8	603	588	a	Iperk	Yes	GP	26.3	b	
300P216920133300	Red Fox P-21	Abandoned	31.7	23.5	610	602	a	Iperk	Yes	GP	27.0	d	
300A416910134300	Reindeer A-41	Abandoned	29	19.8	335	326	b	Taglu	Yes	GP	35.1	c	
300F366910134300	Reindeer D-27	Abandoned	32.3	27.4	343	338	a	Richards	Yes	TS	25.2	b	
300D276910134300	Reindeer F-36	Gas	15.8	10.4	343	338	c	Taglu	Yes	TS	25.3	c	
300L416930138450	Roland BayYt.L-41	Abandoned	20.1	12.5	107	99	c	Quaternary	Yes	WSS, WH	25.0	d	
300H237010130000	Russell H-23	Gas	10.7	3.9	327	320	b	Aklak	Yes	GP	35.9	b	
300D026900126450	Sadene D-02	Abandoned	237	233	318	314	c	Landry	Yes	TS	20.5	d	
300B356930136150	Sarpik B-35	Abandoned	9.6	-4.3	37	23	c	Iperk	Yes	WSS, WH	28.8	a	
300D506840133450	Shakgatlatlachig D-50	Abandoned	151	147	92	88	c	Aklak	Yes	WSS, WH	26.5	d	
300J206910135150	Shavilig J-20	Abandoned	9.2	2.7	50	43	c	Iperk	Yes	BT, WH	25.3	d	
300P606840133300	Sholokpaoqak P-60(E.Reindeer P-60)	Abandoned	116	110.6	80	75	b	Aklak	Yes	GP	30.1	d	
300A126910133300	Siku A-12	Gas	67.7	62.2	349	344	a	Aklak	Yes	TS	31.7	b	
300C116910133300	Siku C-11	Gas	63.1	57.9	363	358	a	Aklak	Yes	TS	31.7	b	
300C556910133300	Siku C-55	Abandoned	39.3	33.8	528	523	b	Aklak	Yes	GP	28.6	b	
300E216910133300	Siku E-21	Gas	64.6	55.3	398	389	a	Aklak	Yes	TS	33.3	b	
300I057030134300	Siulik I-05	Oil	12.2	-52	470	406	c	Iperk	Yes	BT, WH	28.9	d	
300A236930126150	Smoking Hills A-23	Abandoned	292	289.7	99999	99999					99999		No temperature data
300N586910138300	Spring River Yt. N-58	Abandoned	96.9	92.7	43	38	c	Quaternary	Yes	WSS, WH	25.0	c	
300C426930134450	Taglu C-42	Gas	12.2	1.7	439	429	a	Mackenzie Bay	Yes	GP	27.7	a	
300D436930134450	Taglu D-43 (F-43)	Gas	11.8	1.5	548	538	a	Mackenzie Bay	Yes	GP	27.2	c	
300D556930134450	Taglu D-55	Abandoned	11.5	1.3	510	500	c	Mackenzie Bay	Yes	TS	31.1	b	
300G336930134450	Taglu G-33	Gas	7.9	1.8	525	519	c	Mackenzie Bay	Yes	WSS	30.0	a	
300H546930134450	Taglu H-54	Gas	10.6	1.5	513	504	a	Mackenzie Bay	Yes	TS	31.8	b	
300H066930135000	Taglu West H-06	Abandoned	10.5	1.3	514	505	b	Mackenzie Bay	Yes	GP	30.7	a	
300P036930135000	Taglu West P-03	Gas	8.5	1.2	482	475	c	Mackenzie Bay	Yes	WSS	29.8	b	
300A257000136150	Tarsiut A-25	Gas and oil	12.8	-22.9	380	344	c	Iperk	Yes	WSS	38.7	a	
300K917020132300	Tingmiark K-91	Abandoned	11.5	-28.3	552	512	c	Iperk	Yes	BT	35.4	d	
300K266910135000	Titalik K-26	Gas	11.6	4.6	72	65	c	Iperk	Yes	TS	33.3	a	
300O156910135000	Titalik O-15	Suspended	9.7	4.6	80	75	b	Iperk	Yes	GP	29.4	a	
300H246920134450	Toapolok H-24	Abandoned	15.8	10.7	319	314	a	Richards	Yes	GP	28.0	a	
300O546920134450	Toapolok O-54	Abandoned	11.6	3	211	202	b	Kugmallit	Yes	GP	28.0	b	
300B026930133000	Tuk B-02	Oil	19.9	10.2	371	361	a	Aklak	Yes	GP	36.0	b	
300B406920133000	Tuk B-40	Oil	20.6	16.1	446	442	b	Aklak	Yes	GP	34.2	a	
300E206920133000	Tuk E-20	Abandoned	18.6	8	371	360	a	Aklak	Yes	GP	34.4	c	
300F186920133000	Tuk F-18	Abandoned	25.9	21	370	365	c	Aklak	Yes	WSS	31.9	c	
300G396920133000	Tuk G-39	Suspended	21.9	17.4	460	456	c	Aklak	Yes	GP, WH	32.0	a	
300G486920133000	Tuk G-48	Oil	18.2	13.7	448	444	b	Aklak	Yes	GP	32.5	a	
300H306920133000	Tuk H-30	Gas and oil	12.4	7.6	386	381	a	Aklak	Yes	GP	34.7	a	
300J296920133000	Tuk J-29	Gas and oil	16.9	10.6	303	297	a	Aklak	Yes	GP	32.4	a	

UWI	Well Short Name	Well Status	KB	GL	Ice-bearing permafrost base						Geothermal Gradient		Comments
					Base of fully frozen		ality	Formation/	PF	Data used for final	G	Quality	
300L096920133000	Tuk L-09 (M-09)	Gas	31.2	24	317	310	b	Aklak	Yes	GP	36.5	b	
300M186920133000	Tuk M-18	Gas	23.8	14	368	358	b	Aklak	Yes	GP	33.9	c	
300O196920132450	Tuktu O-19	Abandoned	30.5	25.6	320	315	c	Aklak	Yes	WSS	33.2	d	
300A126930133000	Tuktuk A-12	Oil	18.5	11.9	402	395	c	Aklak	Yes	GP, WH	38.4	a	
300D116930133000	Tuktuk D-11	Gas and oil	13.7	9.6	354	350	b	Aklak	Yes	GP	35.5	a	
300H226930133000	Tuktuk H-22	Abandoned	14.6	10.2	482	478	b	Aklak	Yes	GP	33.4	b	
300K316900135000	Tullugak K-31	Abandoned	9.6	1.1	73	65	b	Iperk	Yes	GP	28.2	b	
300F306900134300	Tununuk F-30	Abandoned	35.9	29.9	242	236	b	Taglu	Yes	GP	25.1	a	
300K106900134450	Tununuk K-10	Gas	10.9	5.5	96	91	b	Iperk	Yes	GP	28.6	d	
302C507010132300	Ukalerk 2C-50	Gas	11.3	-29.9	580	539	c	Iperk	Yes	GP	28.9	c	
300C507010132300	Ukalerk C-50	Gas	11.6	-41.5	592	539	a	Iperk	Yes	GP	28.9	c	
300A356850135450	Ulu A-35	Abandoned	11.3	2.7	99	90	a	Iperk	Yes	TS	30.5	b	
300J376930134150	Umiak J-37	Abandoned	28.9	20.4	672	664	a	Mackenzie Bay	Yes	GP	28.9	b	
300N056930134150	Umiak N-05	Gas	42	32.5	659	650	c	Kugmallit	Yes	WSS, WH	26.7	a	
300N106930134150	Umiak N-10	Abandoned	43.9	34.4	701	692	a	Kugmallit	Yes	GP	27.3	d	
300N166930134150	Umiak N-16	Gas	66.8	54.9	672	660	c	Kugmallit	Yes	WH, GP	27.9	a	
300B116850135150	Unak B-11	Abandoned	10.1	2.4	76	68	c	Iperk	Yes	WSS, WH	29.1	b	
300L286850135150	Unak L-28	Gas	14	1.2	51	38	a	Taglu	Yes	GP	30.0	a	
300L246940134300	Unark L-24	Abandoned	9.8	-1.8	614	602	b	Mackenzie Bay	Yes	GP	25.7	a	
302L246940134300	Unark L-24A	Abandoned	9.8	-1.8	614	602	b	Mackenzie Bay	Yes	GP	25.7	a	
300B126920135150	Unipkat B-12	Abandoned	8.9	3.3	40	34	b	Iperk	Yes	GP	25.4	d	
300I226920135150	Unipkat I-22	Abandoned	9.8	1.5	94	86	a	Iperk	Yes	TS	27.7	a	
300M456920135150	Unipkat M-45	Abandoned	6.8	1	73	67	c	Iperk	Yes	WH	23.8	a	
300N126920135150	Unipkat N-12	Gas and oil	8.3	1.8	65	59	c	Quaternary	Yes	BT, WH	29.6	d	
300A426930135150	Upluk A-42	Abandoned	22.3	13.7	245	236	b	Iperk	Yes	GP	29.3	a	
300C216930135150	Upluk C-21	Abandoned	23.1	15.2	209	201	a	Iperk	Yes	GP	29.6	b	
300L426930135150	Upluk L-42	Abandoned	31.5	20.7	305	294	a	Iperk	Yes	GP	28.6	c	
300M386930135150	Upluk M-38	Abandoned	25.9	16.9	361	352	a	Iperk	Yes	GP	25.7	c	
300P667020132000	Uviluk P-66	Abandoned	30	-29.7	657	597	a	Iperk	Yes	GP	28.4	b	
300C236920133150	Wagnark C-23	Abandoned	30.6	23.4	518	511	b	Aklak	Yes	GP	31.4	b	
300G126920133150	Wagnark G-12	Abandoned	38.5	30.6	382	374	a	Aklak	Yes	GP	32.8	b	
300L366920133150	Wagnark L-36	Abandoned	22.4	17.9	604	600	a	Aklak	Yes	GP	25.6	b	
300L176950132000	West Atkinson L-17	Oil	13.7	-6.1	580	560	a	Aklak	Yes	GP	41.4	b	
300P457000136150	West Tarsiut P-45	Oil	22.8	-25.5	397	349	b	Iperk	Yes	GP	36.8	a	
300H346830130300	Wolverine H-34	Abandoned	146	140.3	103	98	c	Imperial	Yes	WH	15.2	d	
300A286920134300	YaYa A-28	Gas	48.8	39.6	600	591	a	Kugmallit	Yes	GP	25.2	a	
300I176920134300	YaYa I-17	Abandoned	26.5	18.3	593	585	a	Kugmallit	Yes	GP	28.1	a	
300M336920134300	YaYa M-33	Abandoned	49.1	42.7	468	462	a	Kugmallit	Yes	GP	26.6	a	
300P536920134300	YaYa P-53	Gas	41.5	36	408	403	a	Kugmallit	Yes	TS	35.0	b	