

Appendix A.

Temperature vs. depth plots of the 228 wells with non-linear fittings (left) and temperature gradient vs. depth plots of the wells (right). The geothermal gradients are estimated from every pairs of data available for each well. See text for details on explanation. The plot number follows the well numbering system in Dixon (1995).

Plot #	Well name	UWI
3	Reindeer D-27	300D276910134300
4	Tununuk K-10	300K106900134450
5	Crossley Lakes K-60	300K606830129150
6	Tuk F-18	300F186920133000
8	Eskimo J-07	300J076920132300
9	Inuvik D-54	300D546830133300
10	Horton River G-02	300G027000127150
11	Ellice O-14	300O146910135450
12	Atkinson H-25	300H256950131450
13	Nuvorak O-09	300O097000130300
14	Natagnak K-23	300K236950131300
15	Sholokpaoqak P60(E Reindeer P60)	300P606840133300
16	Natagnak H-50	300H506950131300
17	Atkinson M-33	300M336950131450
18	Onigat C-38(E Reindeer C-38)	300C386850133300
19	Blow River YT E-47	300E476850137150
20	Aklavik A-37	300A376820135000
21	Beaver house Creek H-13	300H136830135300
22	Tuktu O-19	300O196920132450
23	Magak A-32	300A326940132000
24	Atigi G-04	300G046900133450
25	Spring River YT N-58	300N586910138300
26	Kanguk I-24	300I247000131000
27	Taglu G-33	300G336930134450
28	Mayogiak J-17	300J176930132450
29	IkhilA-01(E Reindeer A-01)	300A016850134000
30	Pikiolik E-54	300E546930132300
31	Taglu West P-03	300P036930135000
33	Parsons F-09	300F096900133300
35	Mallik L-38	302L386930134300
36	Kilagmiotak F-48	300F486930134000
37	Taglu D-55	300D556930134450
38	Ivik J-26	300J266940134150
39	Mallik A-06	300A066930134300
40	Taglu C-42	300C426930134450
41	Atertak E-41	300E416940132300
42	Siku C-55	300C556910133300
43	Unipkat I-22	300I226920135150
44	Titalik K-26	300K266910135000

<u>45</u>	Niglintgak H-30	300H306920135150
<u>46</u>	Ya Ya P-53	300P536920134300
<u>47</u>	Akku F-14	300F146930132150
<u>48</u>	Nuktak C-22	300C226950134450
<u>49</u>	Umiak J-37	300J376930134150
<u>50</u>	Ivik C-52	300C526940134150
<u>51</u>	Roland Bay YTL-41	300L416930138450
<u>52</u>	Mallik P-59	300P596930134300
<u>53</u>	Aklavik F-17	300F176810135000
<u>54</u>	Ivik N-17	300N176940134150
<u>55</u>	Kanguk F-42	300F427000131000
<u>56</u>	Upluk C-21	300C216930135150
<u>57</u>	Parsons N-10	300N106900133300
<u>59</u>	Reindeer F-36	300F366910134300
<u>60</u>	Aklavik F-38	300F386810135000
<u>61</u>	Taglu D-43	300D436930134450
<u>62</u>	Amaguk H-16	300H166940131000
<u>63</u>	Kugpik O-13	300O136900135150
<u>64</u>	Ivik K-54	300K546940134150
<u>65</u>	Langley E-29	300E296920135300
<u>66</u>	Ikhil I-37	300I376850134000
<u>67</u>	Wagnark G-12	300G126920133150
<u>68</u>	Kumak C-58	300C586920135000
<u>69</u>	Killigva k I-29	300I296930131150
<u>70</u>	Immerk B-48	300B486940135000
<u>71</u>	Unak B-11	300B116850135150
<u>72</u>	Kumak J-06	300J066920135000
<u>73</u>	Toapolok O-54	300O546920134450
<u>74</u>	Atkinson A-55	300A556950131450
<u>75</u>	Parsons P-53	300P536900133300
<u>76</u>	Reindeer A-41	300A416910134300
<u>77</u>	Nuna A-32	300A326910133150
<u>78</u>	Adgo F-28	300F286930135450
<u>79</u>	Atigi O-48	300O486900133450
<u>80</u>	Wolverine H-34	300H346830130300
<u>81</u>	Russell G-23	300H237010130000
<u>82</u>	Ya Ya A-28	300A286920134300
<u>83</u>	Parsons O-27	300O276900133300
<u>84</u>	Mayogiak L-39	300L396930132450
<u>85</u>	Amarok N-44	300N447000130450
<u>86</u>	Napoiak F-31	300F316830134450
<u>87</u>	Toapolok H-24	300H246920134450
<u>88</u>	Pullen E-17	300E176950134150
<u>89</u>	Niglintgak M-19	300M196920135150
<u>90</u>	Kipnik O-20	300O206850134450
<u>92</u>	Unark L-24	302L246940134300
<u>93</u>	Pelly B-35	300B356940135150
<u>94</u>	Ya Ya M-33	300M336920134300
<u>95</u>	Ya Ya I-17	300I176920134300
<u>96</u>	Kamik D-58	300D586900133150

<u>97</u>	Kikoralok N-46	300N466910134450
<u>98</u>	Imnak J-29	300J296910133000
<u>99</u>	Kapik J-39	300J397000130000
<u>100</u>	Adgo P-25	300P256930135450
<u>101</u>	Netserk B-44	300B446940135450
<u>102</u>	Kugpik L-24	300L246900135150
<u>103</u>	Upluk M-38	300M386930135150
<u>104</u>	Louth K-45	300K457000131150
<u>105</u>	Ogeoqeq J-06	300J066850133450
<u>106</u>	Red Fox P-21	300P216920133300
<u>107</u>	Kumak K-16	300K166920135000
<u>108</u>	KilagmiotakM-16	300M166930134000
<u>109</u>	KamikL-60	300L606900133150
<u>110</u>	ParsonsA-44	300A446900133300
<u>111</u>	AdgoC-15	300C156930135450
<u>112</u>	TitalikO-15	300O156910135000
<u>113</u>	IkattokJ-17	300J176920136150
<u>114</u>	GarryP-04	300P046930135300
<u>115</u>	NiglingakB-19	300B196920135150
<u>116</u>	NorthElliceJ-23	300J236920135450
<u>117</u>	NetserkF-40	300F406940135450
<u>118</u>	ParsonsL-43	300L436900133300
<u>119</u>	ParsonsN-17	300N176900133300
<u>120</u>	KamikD-48	300D486900133150
<u>121</u>	SikuC-11	300C116910133300
<u>122</u>	UluA-35	300A356850135450
<u>123</u>	SarpikB-35	300B356930136150
<u>124</u>	TununukF-30	300F306900134300
<u>125</u>	WagnarkC-23	300C236920133150
<u>126</u>	SikuA-12	300A126910133300
<u>127</u>	ParsonsD-20	300D206900133300
<u>130</u>	NektoralikK-59	300K597030136000
<u>131</u>	KopanoarM-13	300M137030135000
<u>133</u>	ArnakL-30	300L306950133450
<u>134</u>	TullugakK-31	300K316900135000
<u>135</u>	UnarkL-24A	300L246940134300
<u>136</u>	TagluH-54	300H546930134450
<u>137</u>	KamikF-38	300F386900133150
<u>138</u>	KurkM-39	300M396910135150
<u>139</u>	ParsonsL-37	300L376900133300
<u>140</u>	ParsonsP-41	300P416900133300
<u>141</u>	UplukA-42	300A426930135150
<u>142</u>	KumakE-58	300E586920135000
<u>143</u>	SadeneD-02	300D026900126450
<u>144</u>	KannerkG-42	300G427010131000
<u>145</u>	UmiakN-10	300N106930134150
<u>146</u>	SikuE-21	300E216910133300
<u>147</u>	OgruknangM-31	300M316900134150
<u>148</u>	FishRiverB-60	300B606840136000
<u>149</u>	UkalerkC-50	300C507010132300

151	NerlerkM-98	300M987030133000
152	IsserkE-27	300E277000134150
153	MallikJ-37	300J376930134300
154	GarryG-07	300G076930135300
155	NatsekE-56	300E566950139300
156	TarsiutA-25	300A257000136150
157	Ukalerk2C-50	302C507010132300
159	Napartok M-01	300M016840134300
160	AdgoJ-27	300J276930135450
161	KenalooakJ-94	300J947050133300
163	KoakoakO-22	300O227030134000
165	MayogiakM-16	300M166930132450
166	IssungnakO-61	300O617010134000
167	KilannakA-77	300A777050129000
168	OrvilrukO-03	300O037030136300
170	Kopanoar2I-44	302I447030135000
171	Issungnak2O-61	302O617010134000
172	NorthIssungnakL-86	300L867010134000
173	AlerkP-23	300P237000132450
174	IrkalukB-35	300B357040134000
175	EastTarsiutN-44	300N447000136000
176	WestAtkinsonL-17	300L176950132000
177	EastTarsiutN-44A	300N447000136001
178	KiggavikA-43	300A437000135450
179	Aiverk2I-45	302I457030133300
180	ItiyokI-27	300I277000134000
181	UvilukP-66	300P667020132000
183	PikiolikG-21	300G216930132300
184	NatiakO-44	300O447010137000
185	HavikB-41	300B417030132000
186	SiulikiI-05	300I057030134300
187	ArlukE-90	300E907020135000
188	PitsiulakA-05	300A057000136450
189	KadlukO-07	300O076950136000
190	KogyukN-67	300N677010133000
191	AmauligakJ-44	300J447010133300
192	TukL-09	300L096920133000
193	NunaA-10	300A106910133150
194	AmerkO-09	300O097000133300
195	TarsiutP-45	300P457000136150
196	AdgoH-29	300H296930135450
197	NerlerkJ-67	300J677030133000
198	NipterkL-19	300L196950135150
200	TukJ-29	300J296920133000
201	OnigatD-52	300D526850133300
202	ShakgatlatlachigD-50	300D506840133450
203	ItkrilekB-52	300B526940131450
204	UplukL-42	300L426930135150
205	TagluWestH-06	300H066930135000
206	TukH-30	300H306920133000

<u>207</u>	NipterL-19A	300L196950135152
<u>208</u>	Akpak2P-35	302P357020134000
<u>209</u>	AdlartokP-09	300P096940137450
<u>210</u>	EdlokN-56	300M566950140000
<u>211</u>	AmauligakI-65	300I657010133300
<u>212</u>	AdgoG-24	300G246930135450
<u>213</u>	AagnerE-56	300E566950136450
<u>214</u>	MinukI-53	300I536950136150
<u>215</u>	TuktukA-12	300A126930133000
<u>216</u>	TukG-39	300G396920133000
<u>217</u>	TukB-40	300B406920133000
<u>218</u>	ParsonsE-02	300E026900133300
<u>219</u>	TuktukH-22	300H226930133000
<u>220</u>	TukG-48	300G486920133000
<u>221</u>	NorthElliceL-39	300L396920135450
<u>222</u>	AmauligakI-65A	300I657010133301
<u>223</u>	OnigatK-49	300K496850133300
<u>224</u>	TuktukD-11	300D116930133000
<u>225</u>	HansenG-07	300G076940134000
<u>227</u>	MayogiakG-12	300G126930132450
<u>228</u>	IkhilK-35	300J356850134000
<u>229</u>	WagnarkL-36	300L366920133150
<u>231</u>	AmauligakI-65B	300I657010133302
<u>232</u>	AtertakL-31	300K316940132300
<u>233</u>	ArnakK-06	300K066950133450
<u>234</u>	UnakL-28	300L286850135150
<u>235</u>	KaubvikI-43	300I437000135150
<u>236</u>	AngasakL-03	300L037020129300
<u>237</u>	AmauligakF-24	300F247010133300
<u>238</u>	Amauligak2F-24	302F247010133300
<u>239</u>	Amauligak2F-24A	302F247010133301
<u>240</u>	Amauligak2F-24B	302F247010133302
<u>242</u>	NipterP-32	300P326950135150
<u>244</u>	ImmiugakA-06	300A066950137000
<u>245</u>	KingarkJ-54	300J546950137150
<u>246</u>	IsserI-15	300I157000134150
<u>247</u>	UnipkatN-12	300N126920135150
<u>248</u>	TukE-20	300E206920133000
<u>249</u>	Unipkat B-12	300B126920135150