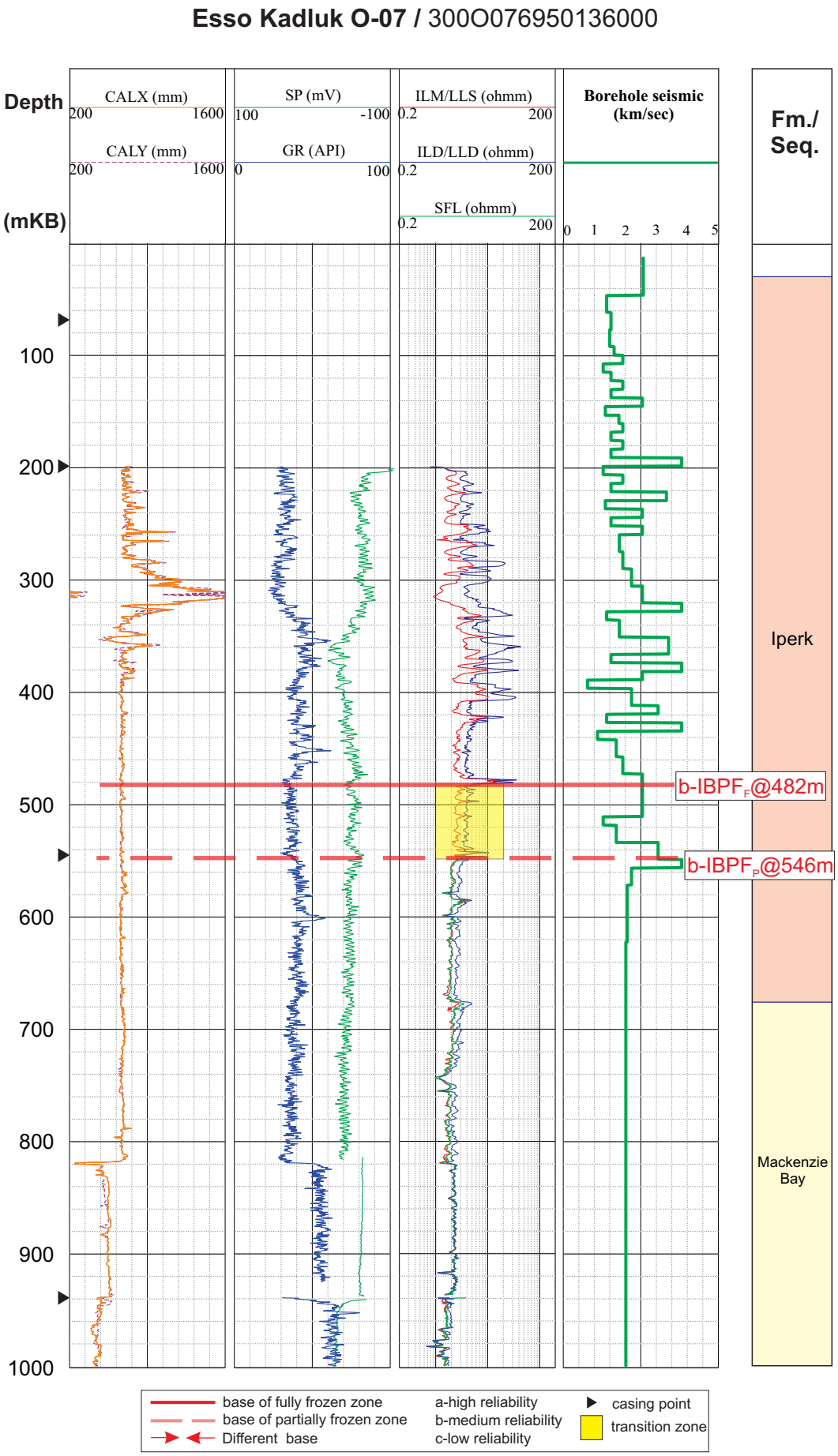

Figure 76. Determination of base of permafrost using geophysical logs and well seismic survey for the Kadluk O-07 well in the Beaufort-Mackenzie Basin.

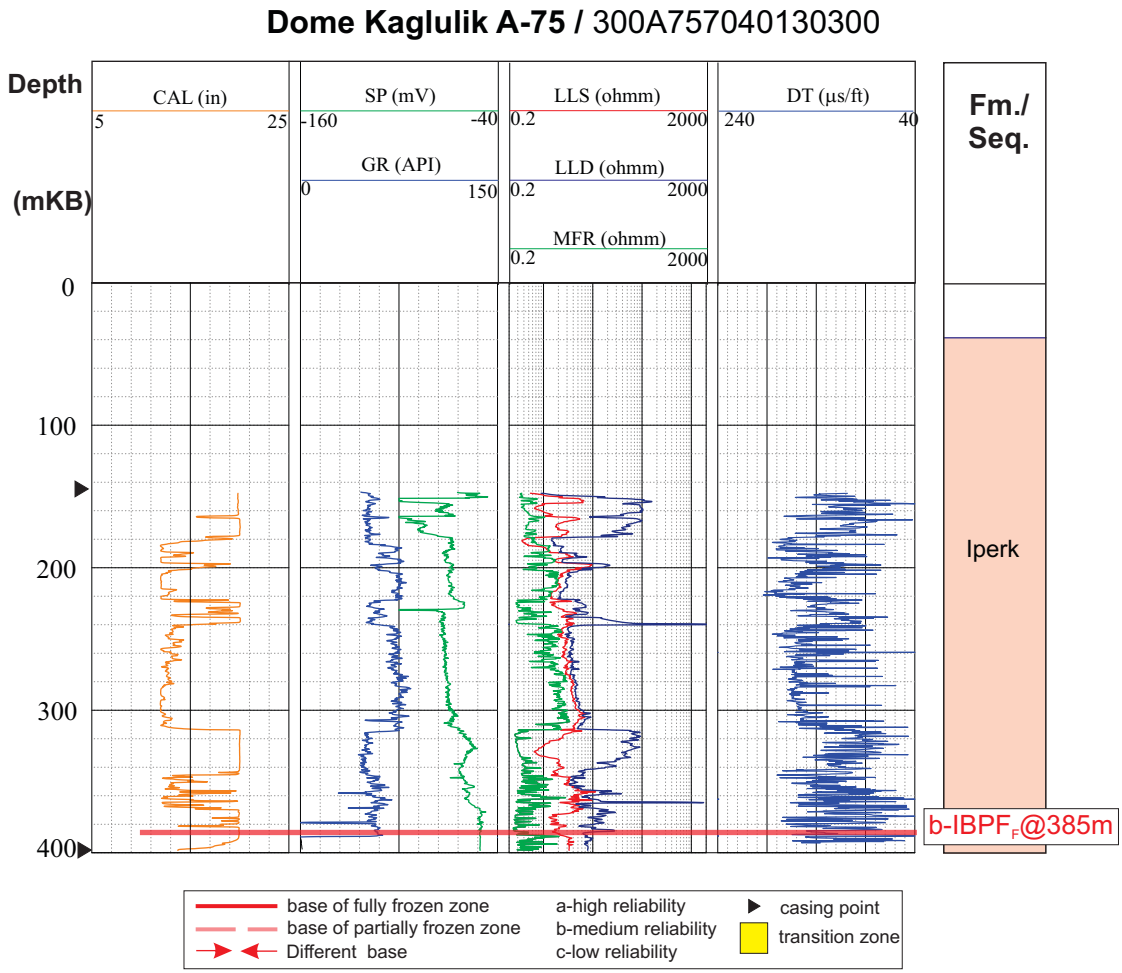

Figure 77. The minimum depth to base of permafrost could be at 385 m from geophysical logs for the Kaglulik A-75 well in the Beaufort-Mackenzie Basin.

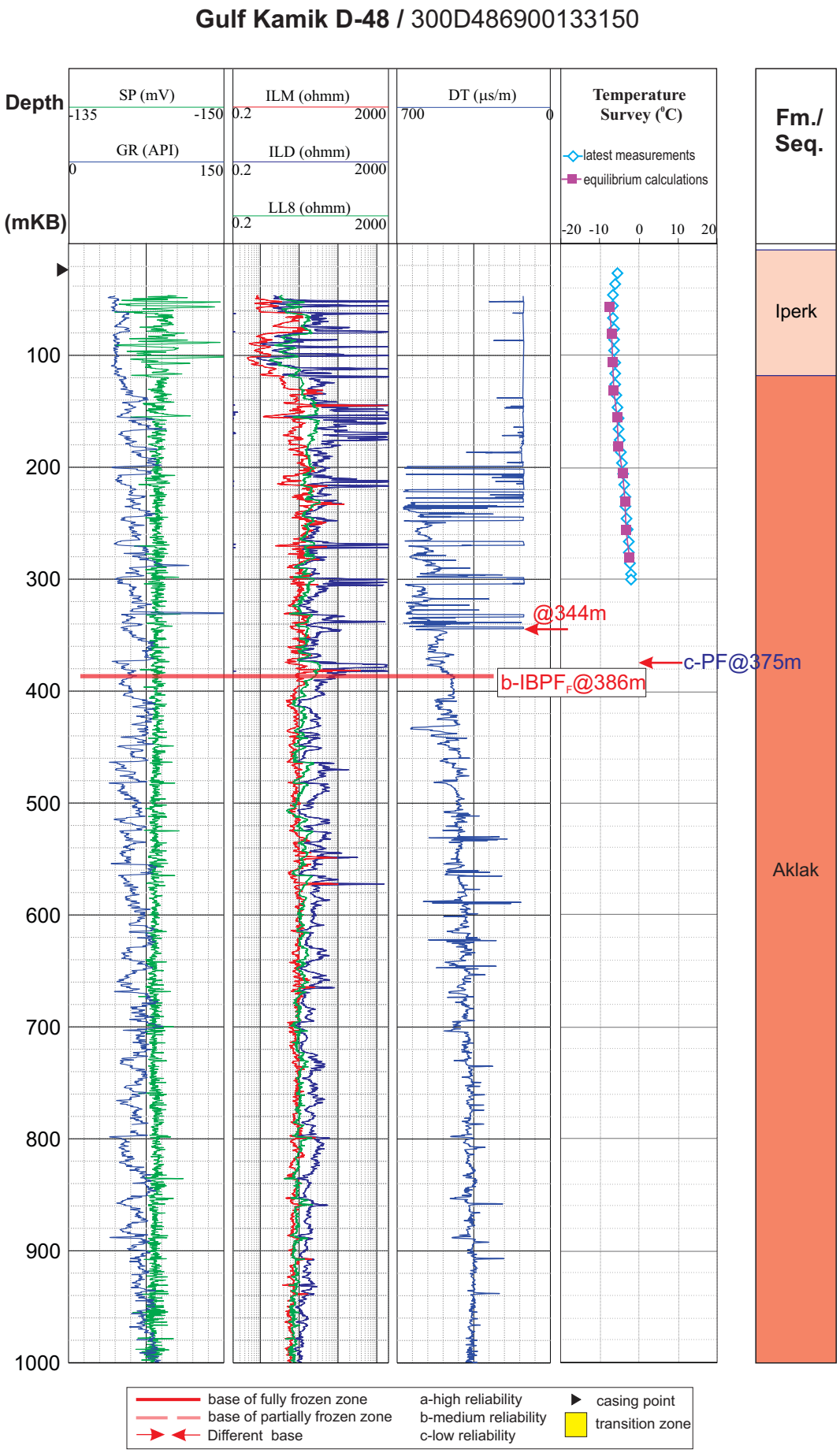

Figure 78. Determination of base of permafrost using geophysical logs and temperature survey for the Kamik D-48 well in the Beaufort-Mackenzie Basin.

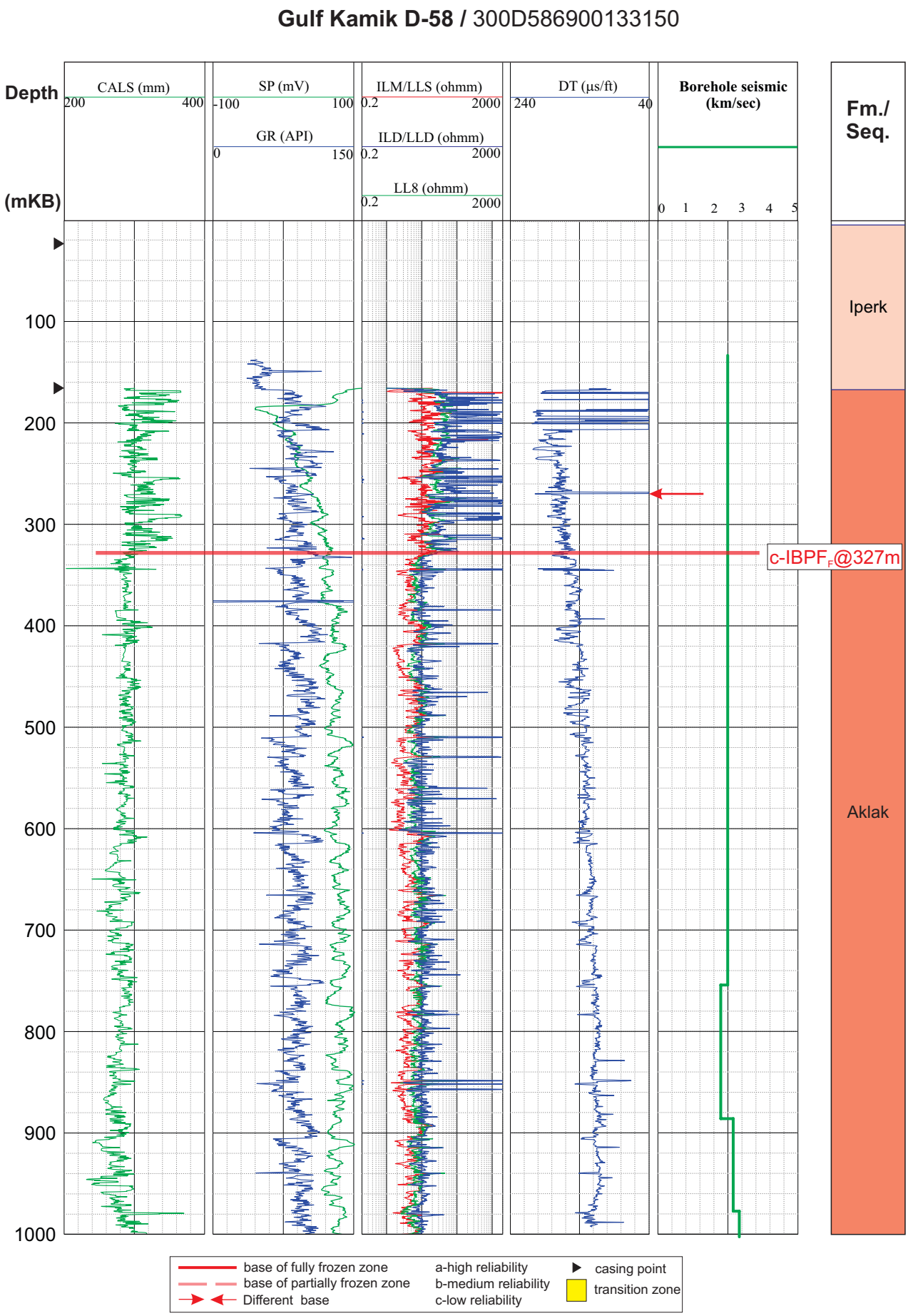

Figure 79. Determination of base of permafrost using geophysical logs and well seismic survey for the Kamik D-58 well in the Beaufort-Mackenzie Basin.

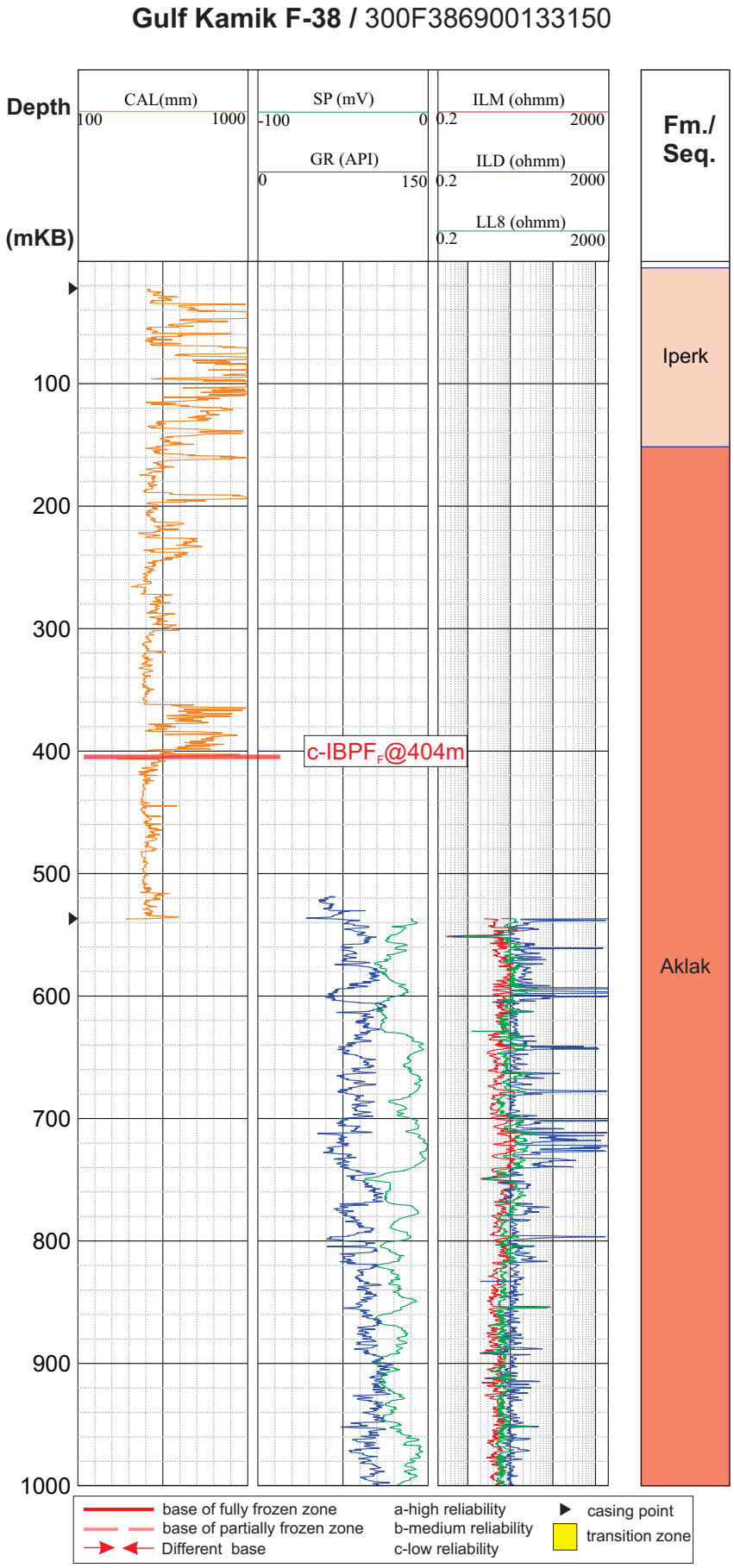

Figure 80. Determination of base of permafrost using geophysical logs for the Kamik F-38 well in the Beaufort-Mackenzie Basin.

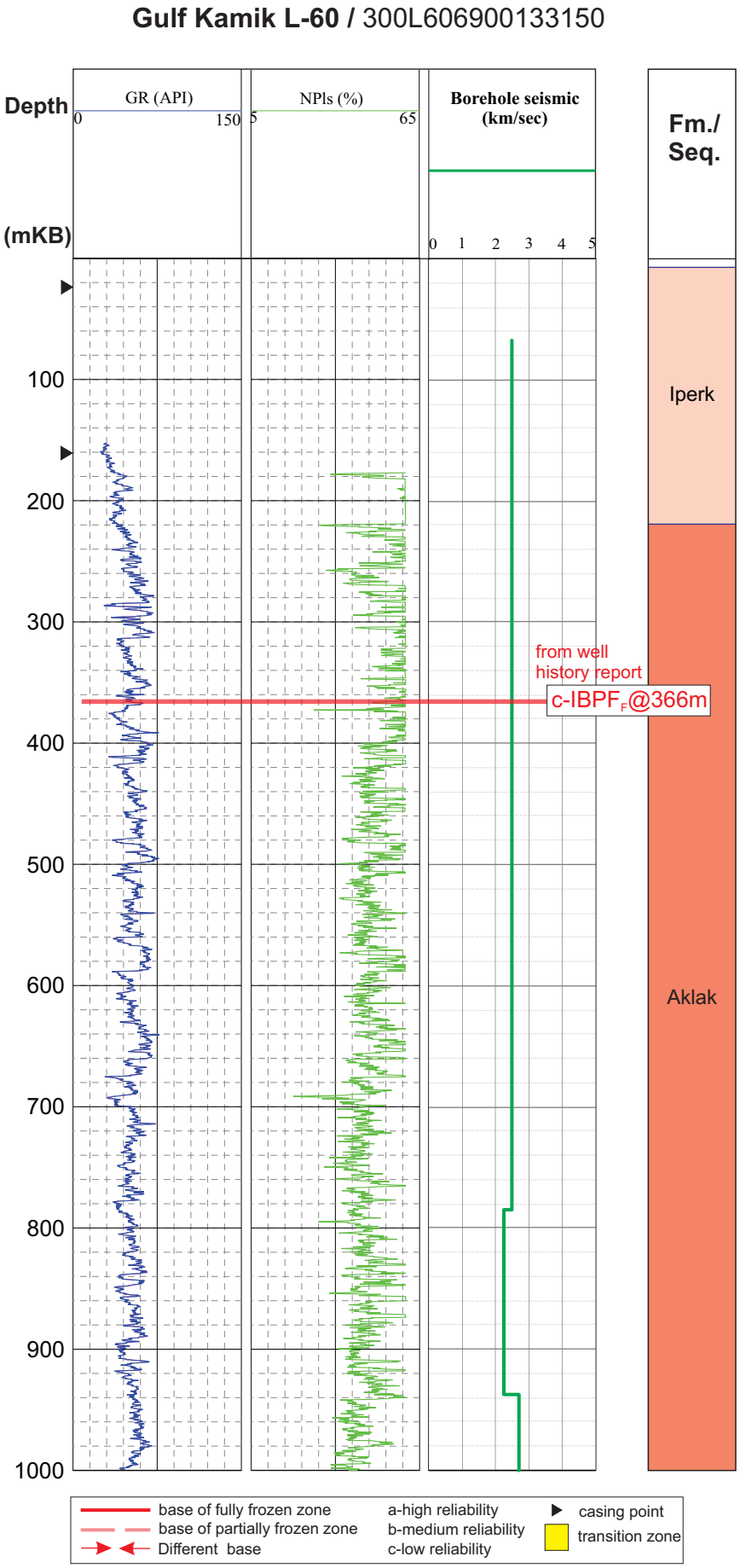

Figure 81. Estimated base of permafrost is mainly from well history report for the Kamik L-60 well in the Beaufort-Mackenzie Basin.

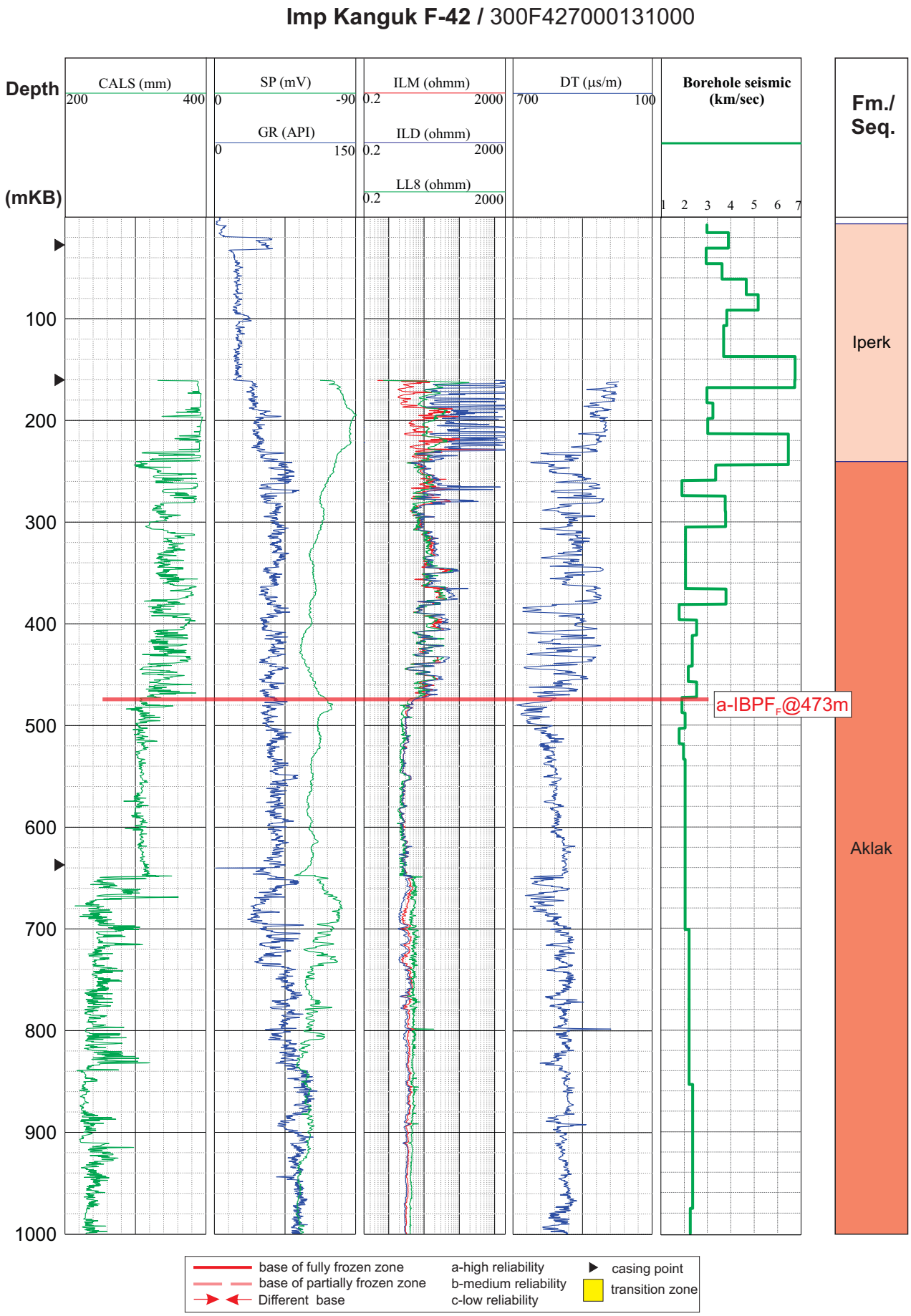

Figure 82. Determination of base of permafrost using geophysical logs and well seismic survey for the Kanguk F-42 well in the Beaufort-Mackenzie Basin.

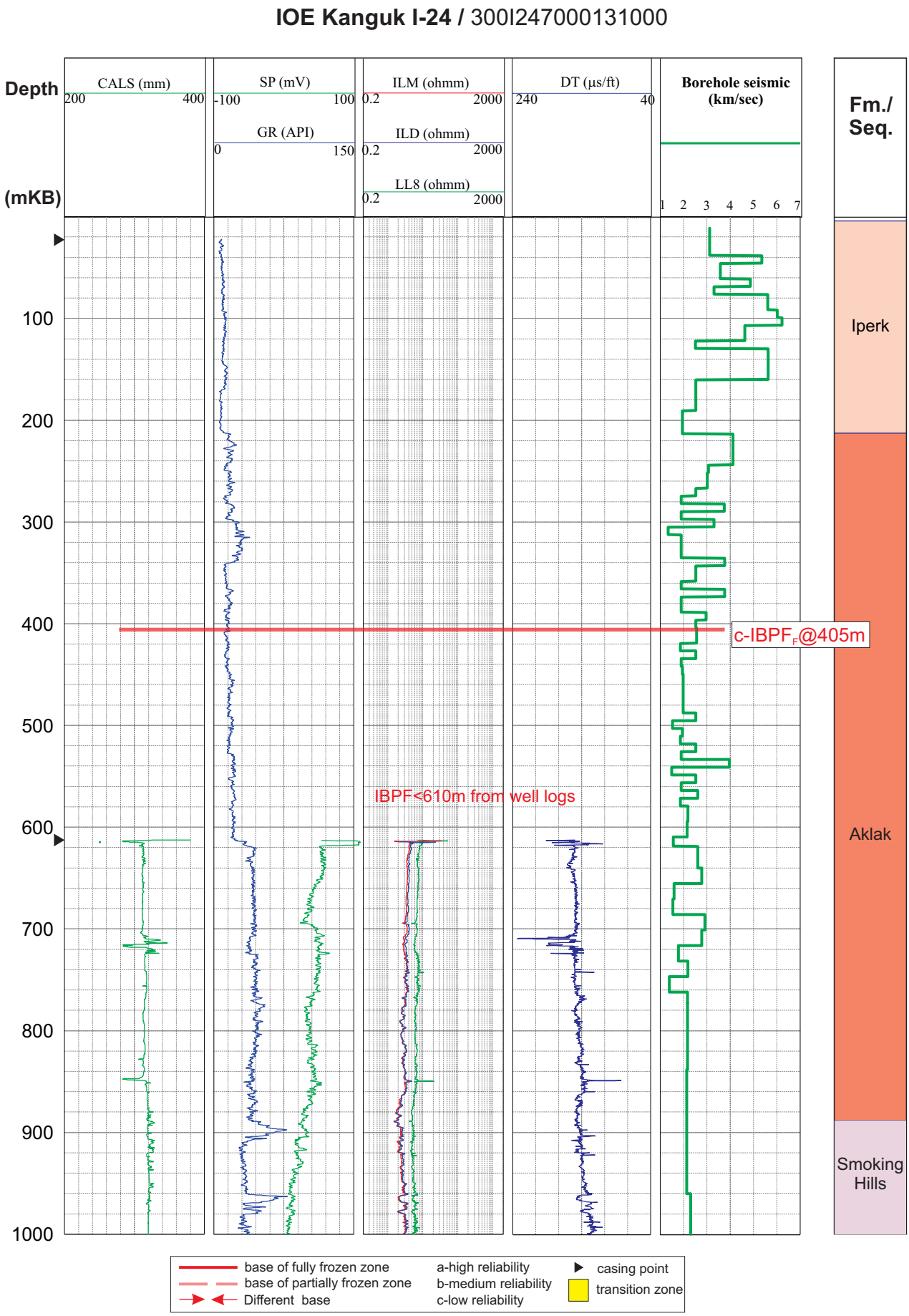

Figure 83. Determination of base of permafrost using geophysical logs and well seismic survey for the Kanguk I-24 well in the Beaufort-Mackenzie Basin.

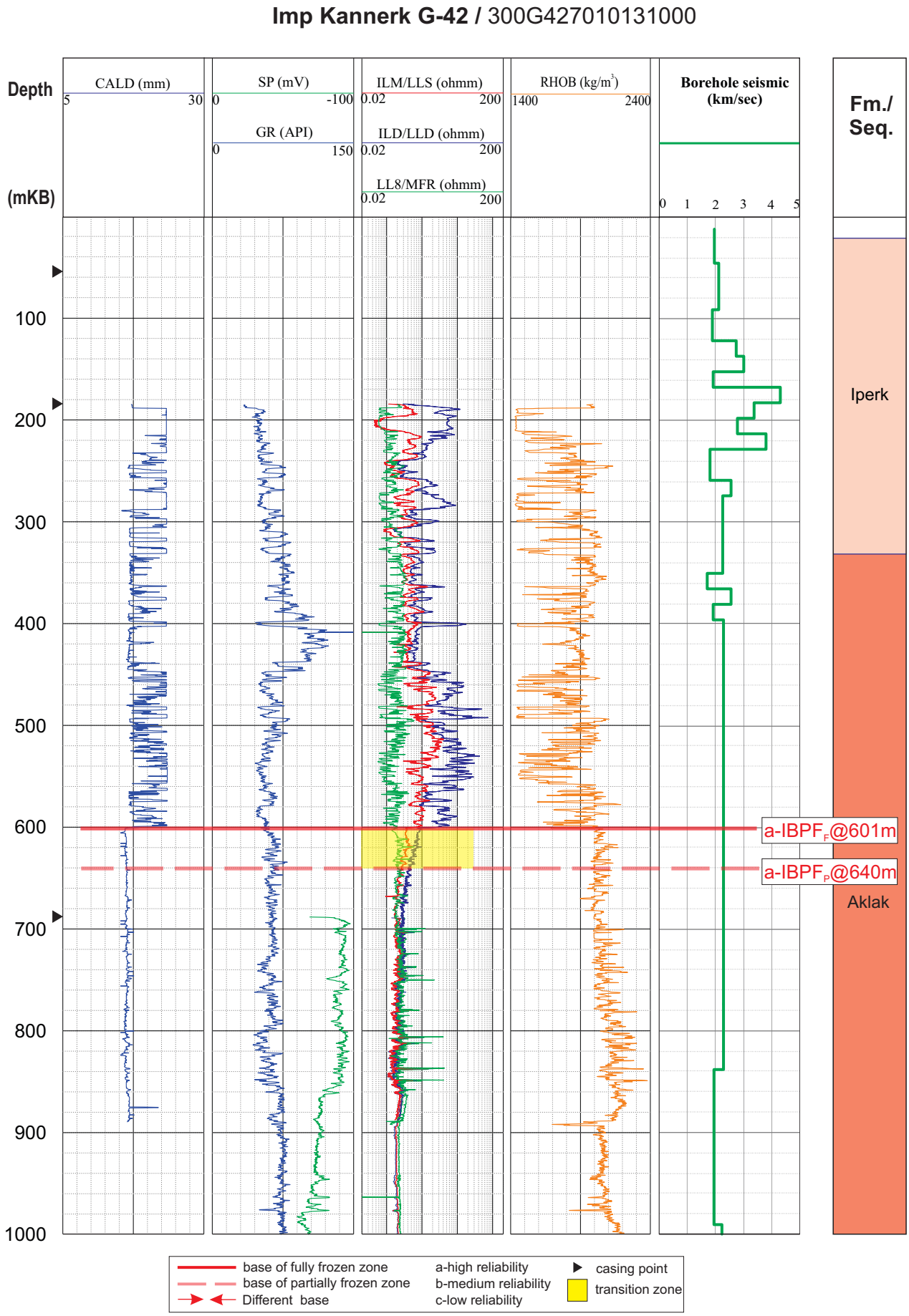

Figure 84. Determination of base of permafrost using geophysical logs and well seismic survey for the Kannerk G-42 well in the Beaufort-Mackenzie Basin.

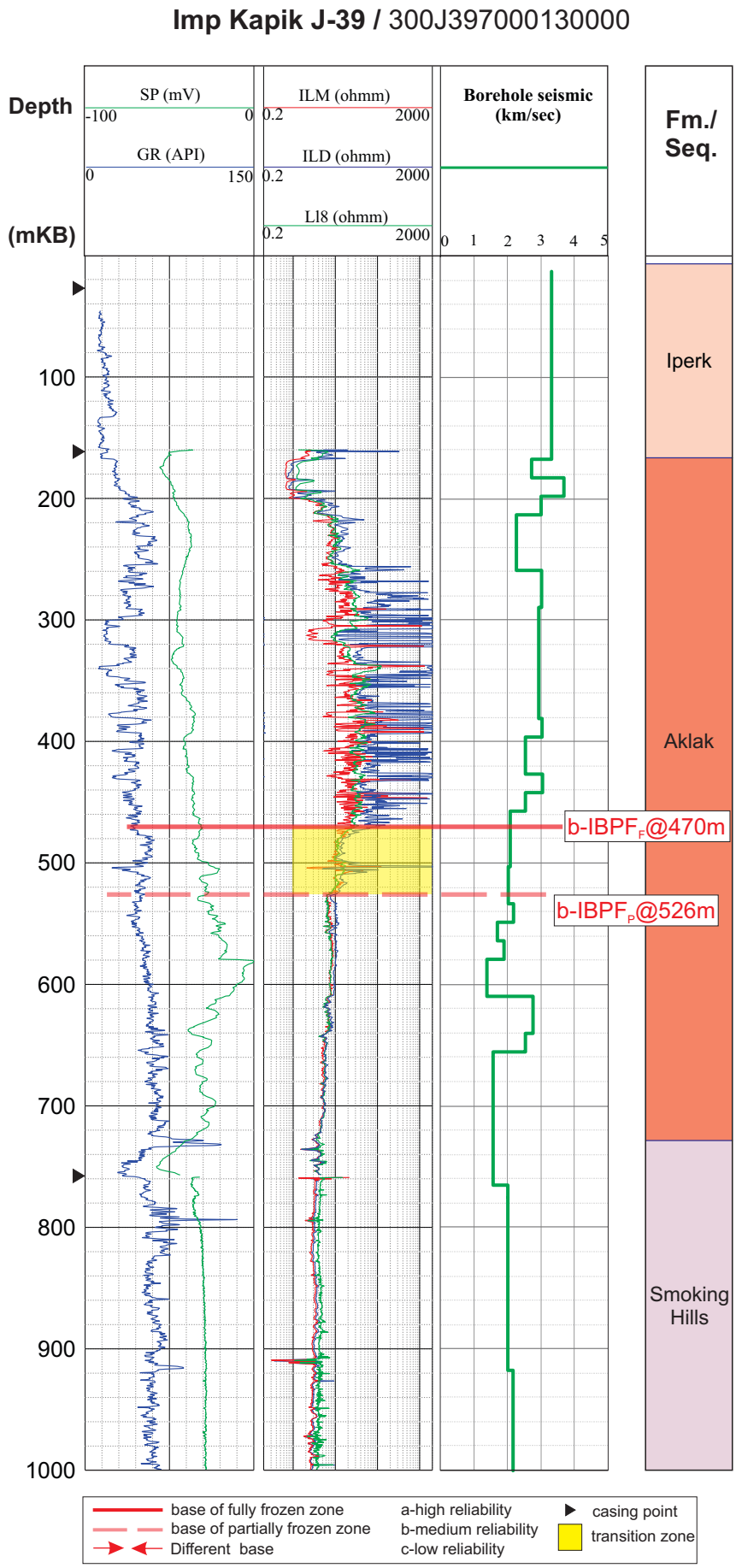

Figure 85. Determination of base of permafrost using geophysical logs and well seismic survey for the Kapik J-39 well in the Beaufort-Mackenzie Basin.

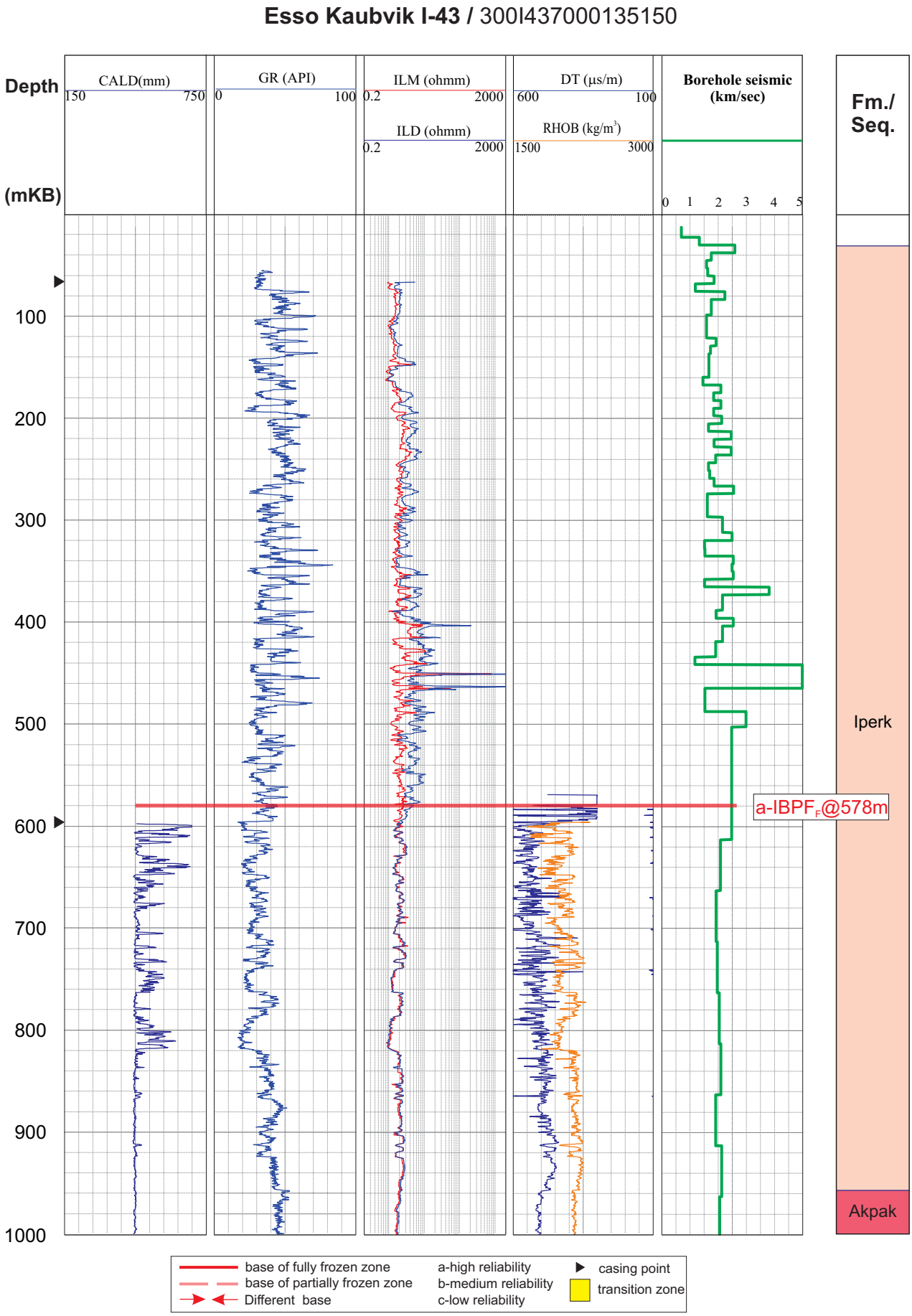

Figure 86. Determination of base of permafrost using geophysical logs and well seismic survey for the Kaubvik I-43 well in the Beaufort-Mackenzie Basin.

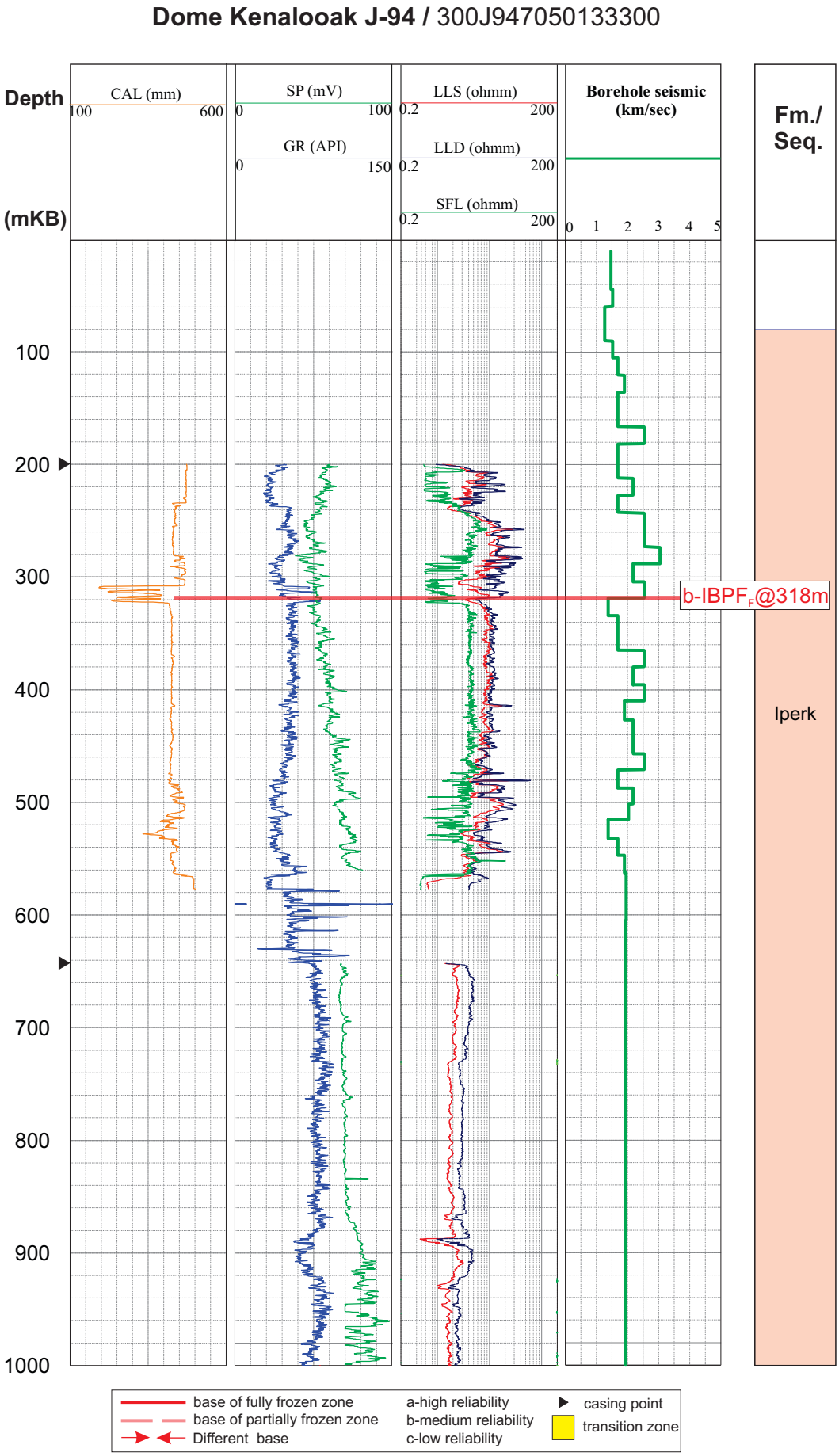

Figure 87. Determination of base of permafrost using geophysical logs and well seismic survey for the Kenalooak J-94 well in the Beaufort-Mackenzie Basin.

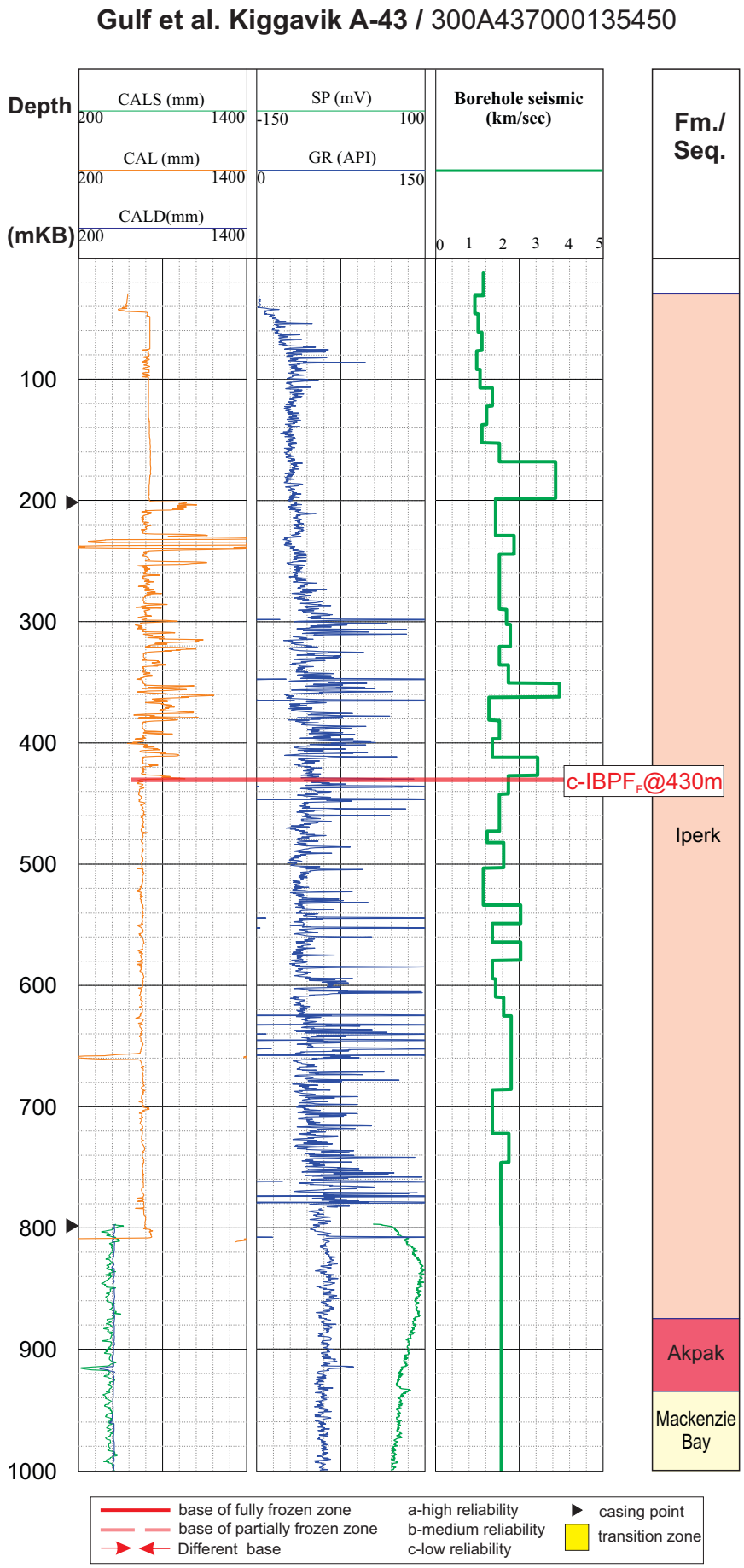

Figure 88. Determination of base of permafrost using geophysical logs and well seismic survey for the Kiggavik A-43 well in the Beaufort-Mackenzie Basin.

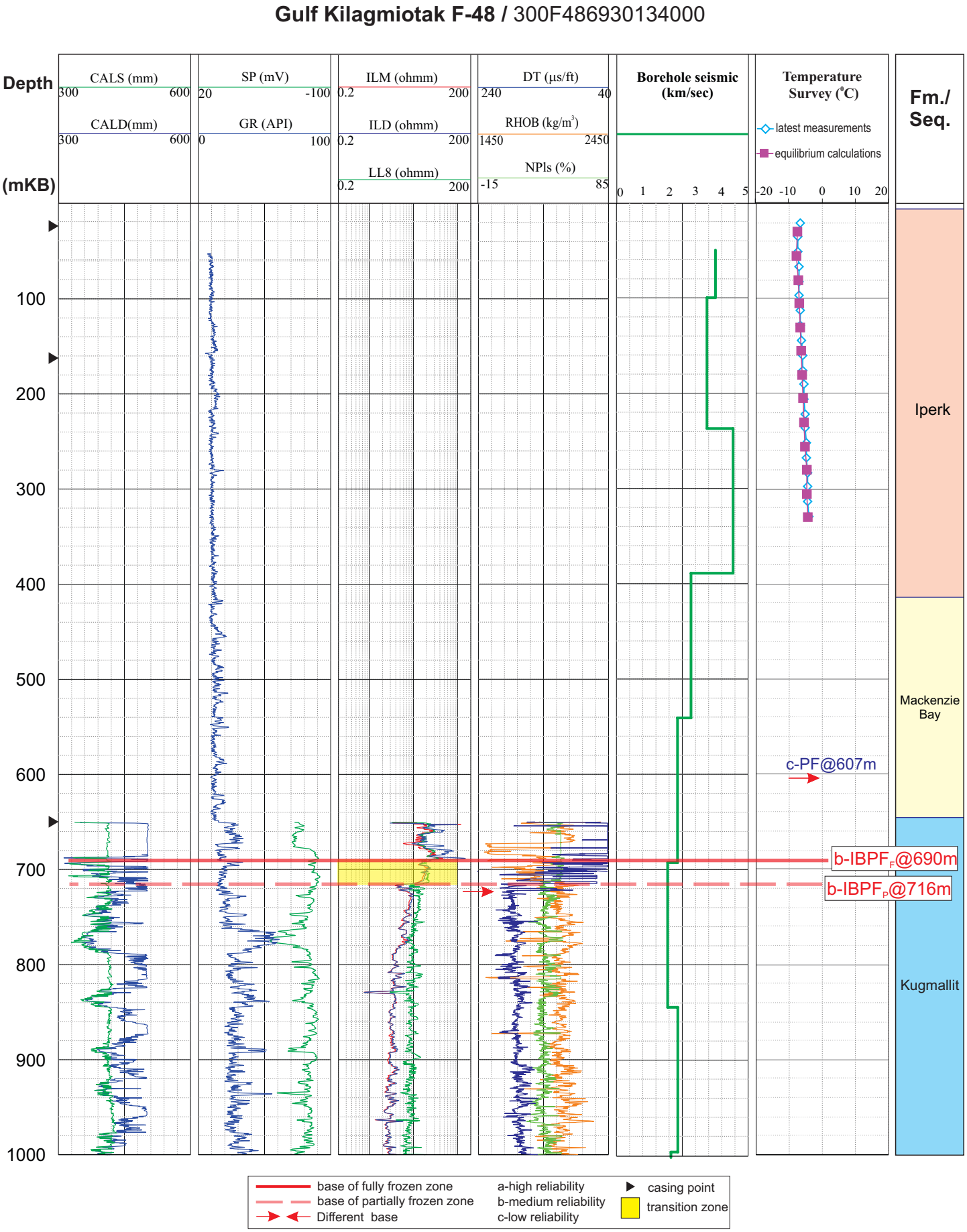

Figure 89. Determination of base of permafrost using geophysical logs and well seismic survey for the Kilagmiotak F-48 well in the Beaufort-Mackenzie Basin.

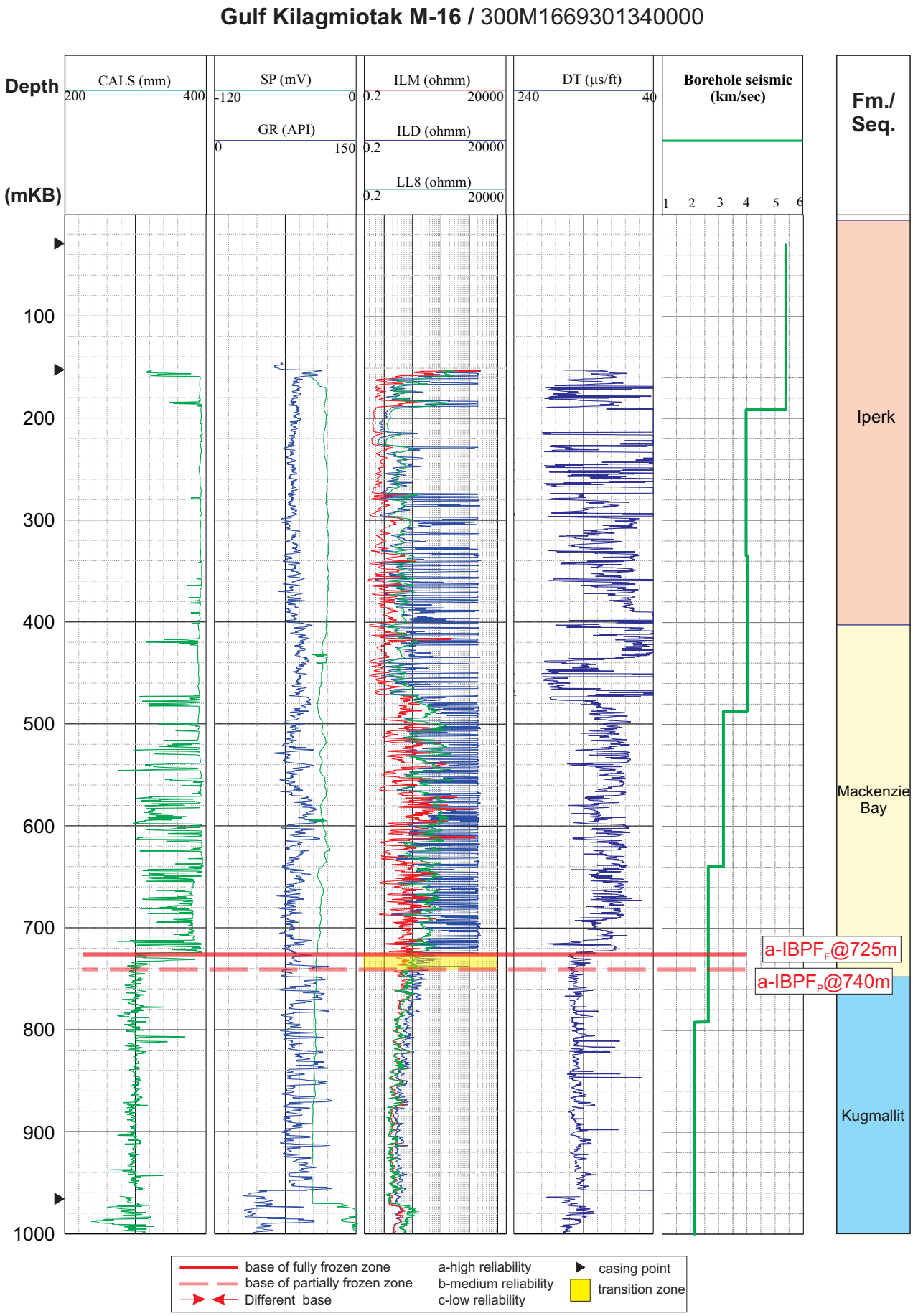

Figure 90. Determination of base of permafrost using geophysical logs and well seismic survey for the Kilagmiaotak M-16 well in the Beaufort-Mackenzie Basin.

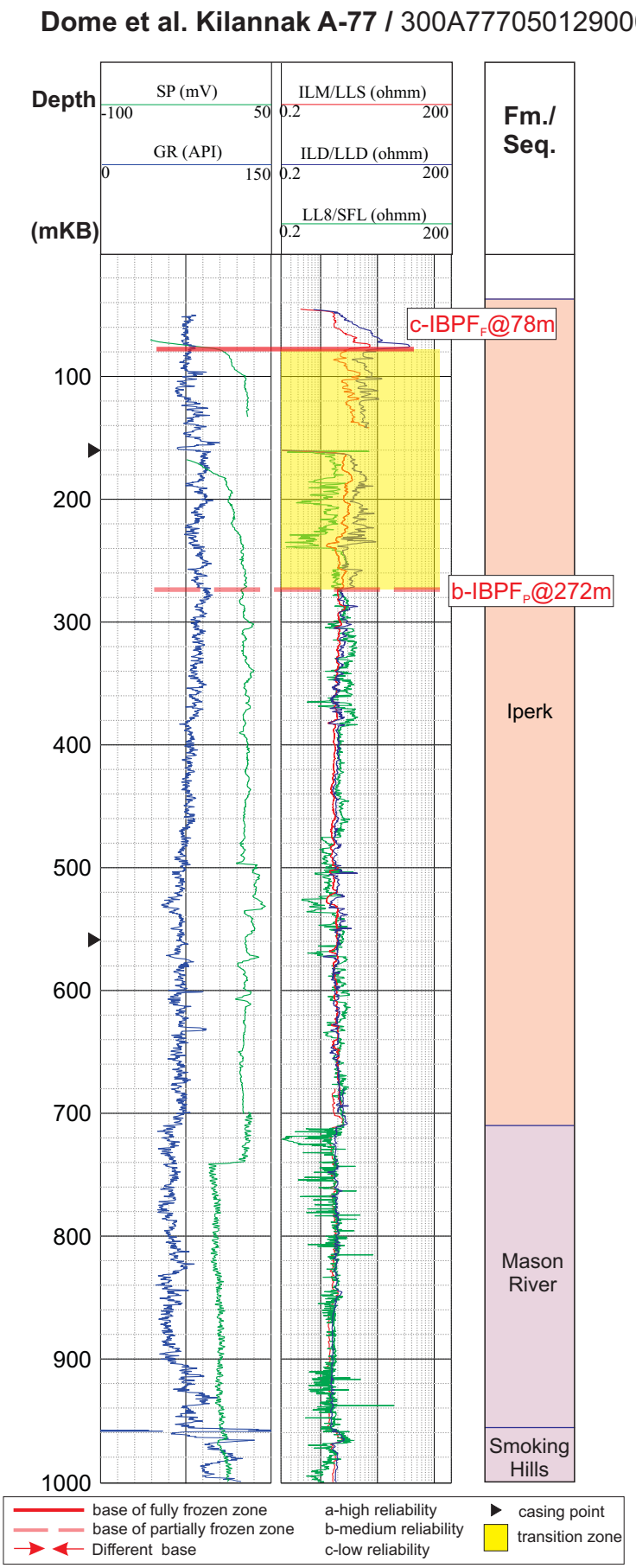

Figure 91. Determination of base of permafrost using geophysical logs for the Kilannak A-77 well in the Beaufort-Mackenzie Basin.

Elf et al. Kiligvak I-29 / 300I296930131150

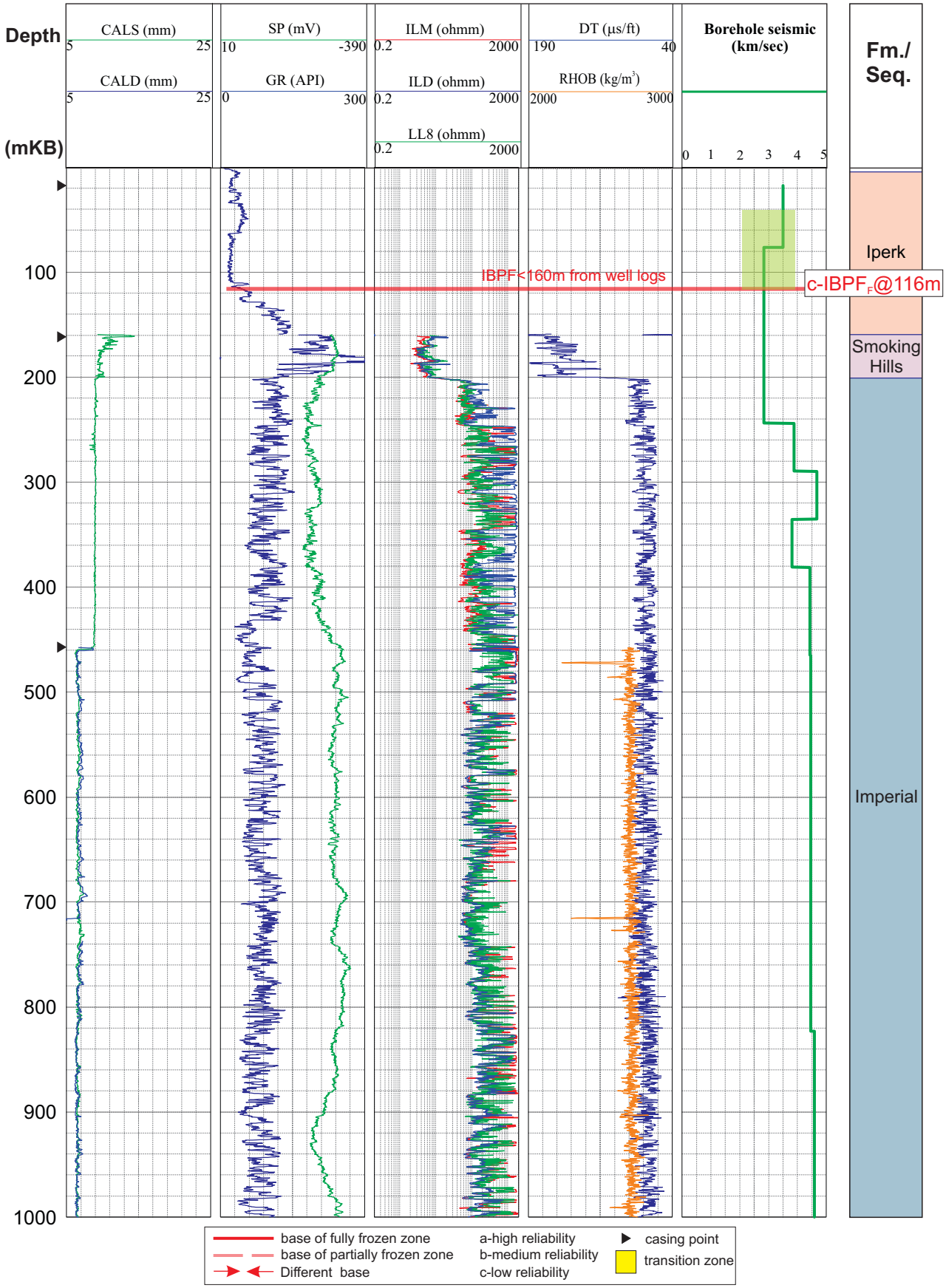

Figure 92. Log suite and well seismic survey for shallow interval (≤1000m) for the Kiligvak I-29 well in the Beaufort-Mackenzie Basin. A possible maximum depth to base of permafrost is estimated well seismic survey and lithology information.

Elf et al. Kimik D-29 / 300D296940132150

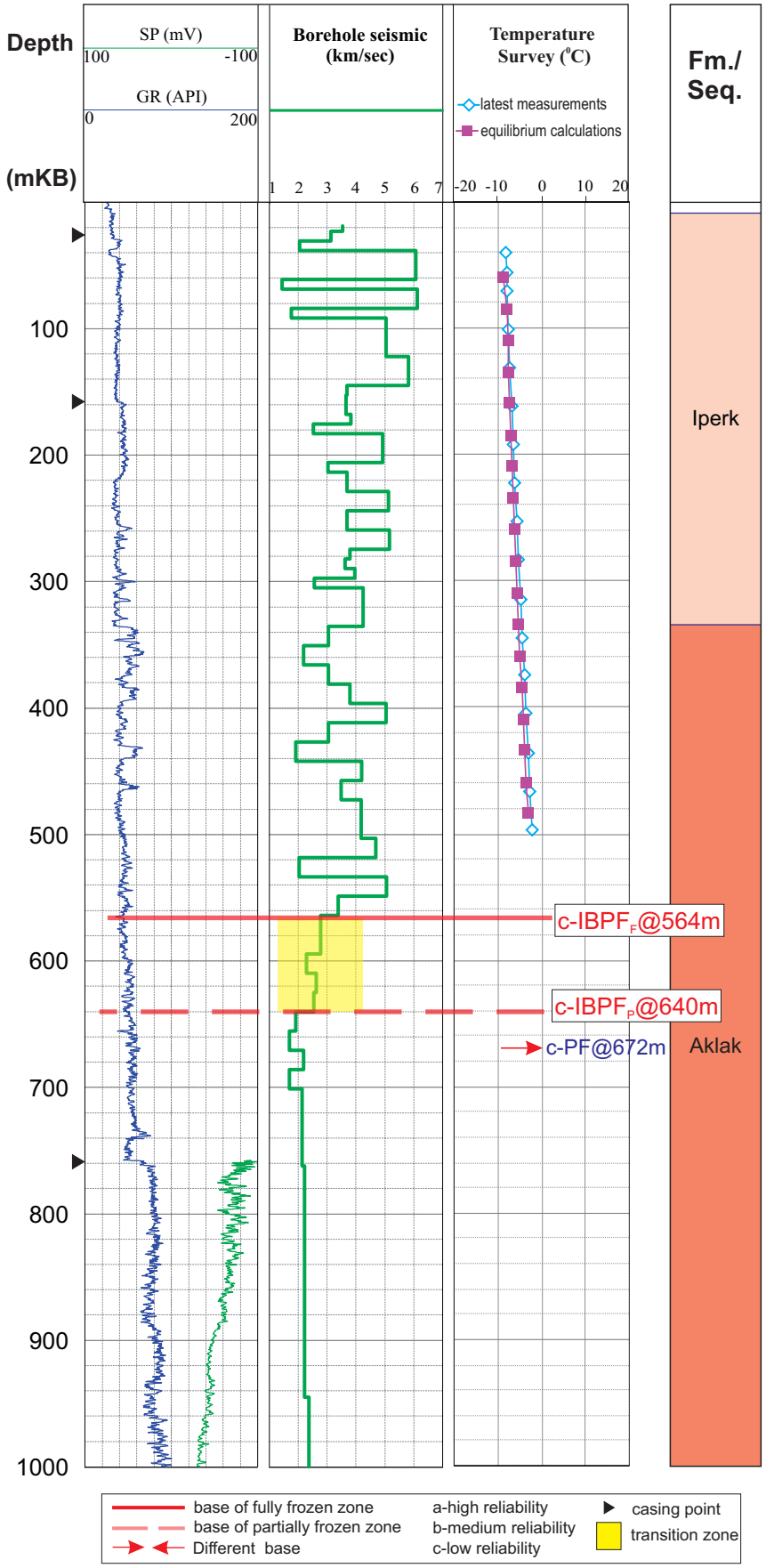

Figure 93. Determination of base of permafrost using well seismic survey and temperature survey for the Kimik D-29 well in the Beaufort-Mackenzie Basin.

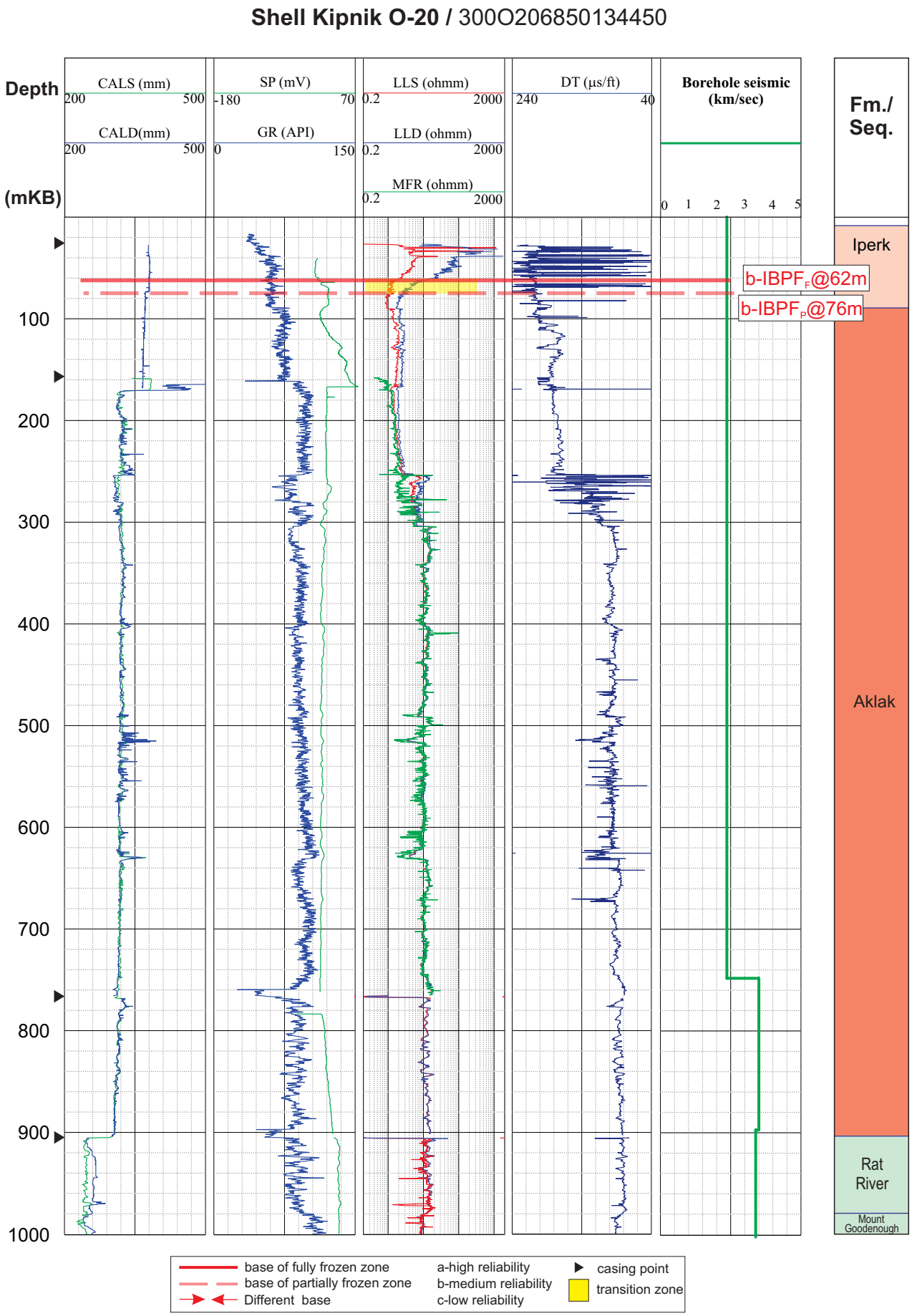

Figure 94. Determination of base of permafrost using geophysical logs and well seismic survey for the Kipnik O-20 well in the Beaufort-Mackenzie Basin.

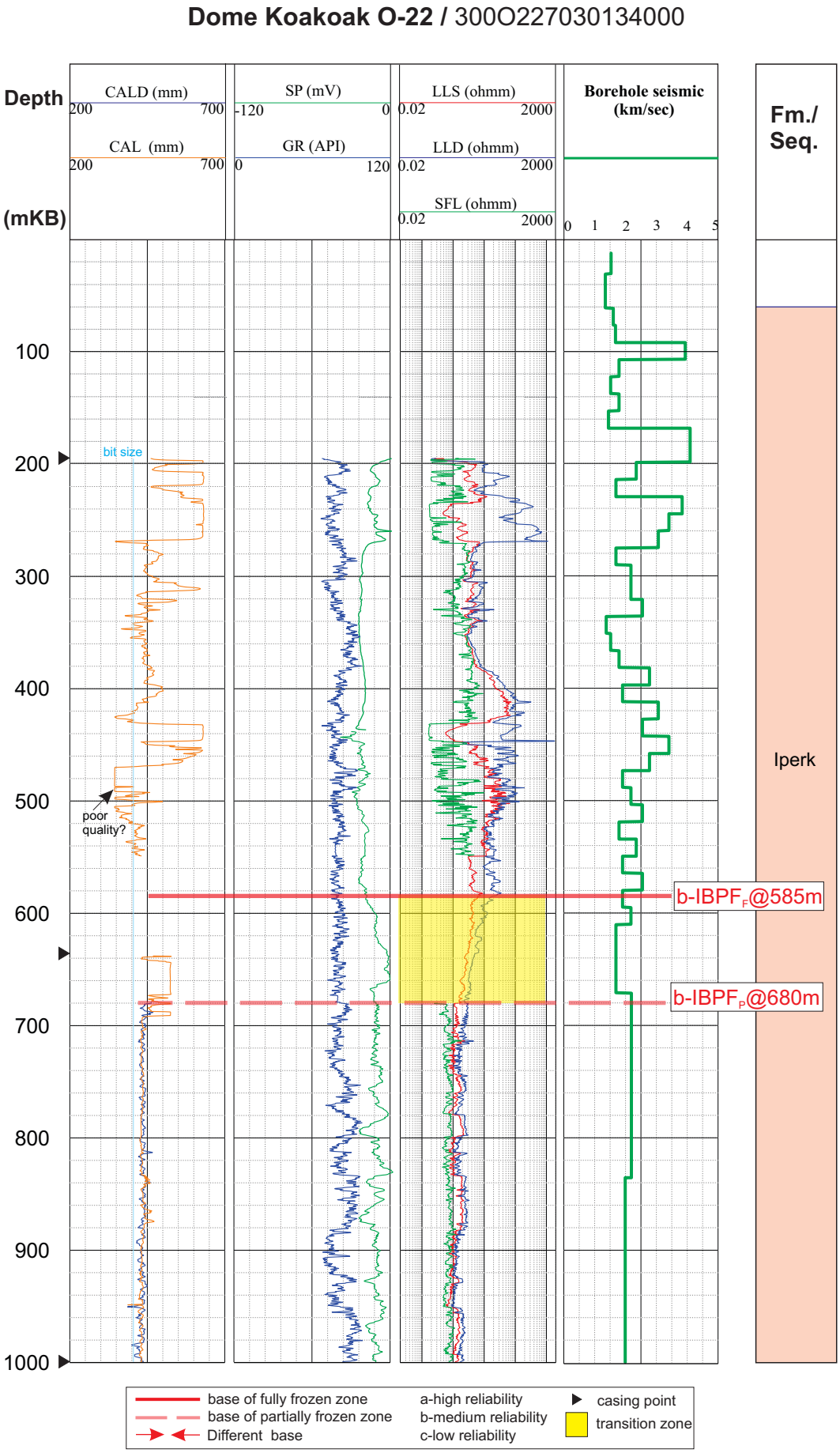

Figure 95. Determination of base of permafrost using geophysical logs and well seismic survey for the Koakoak O-22 well in the Beaufort-Mackenzie Basin.

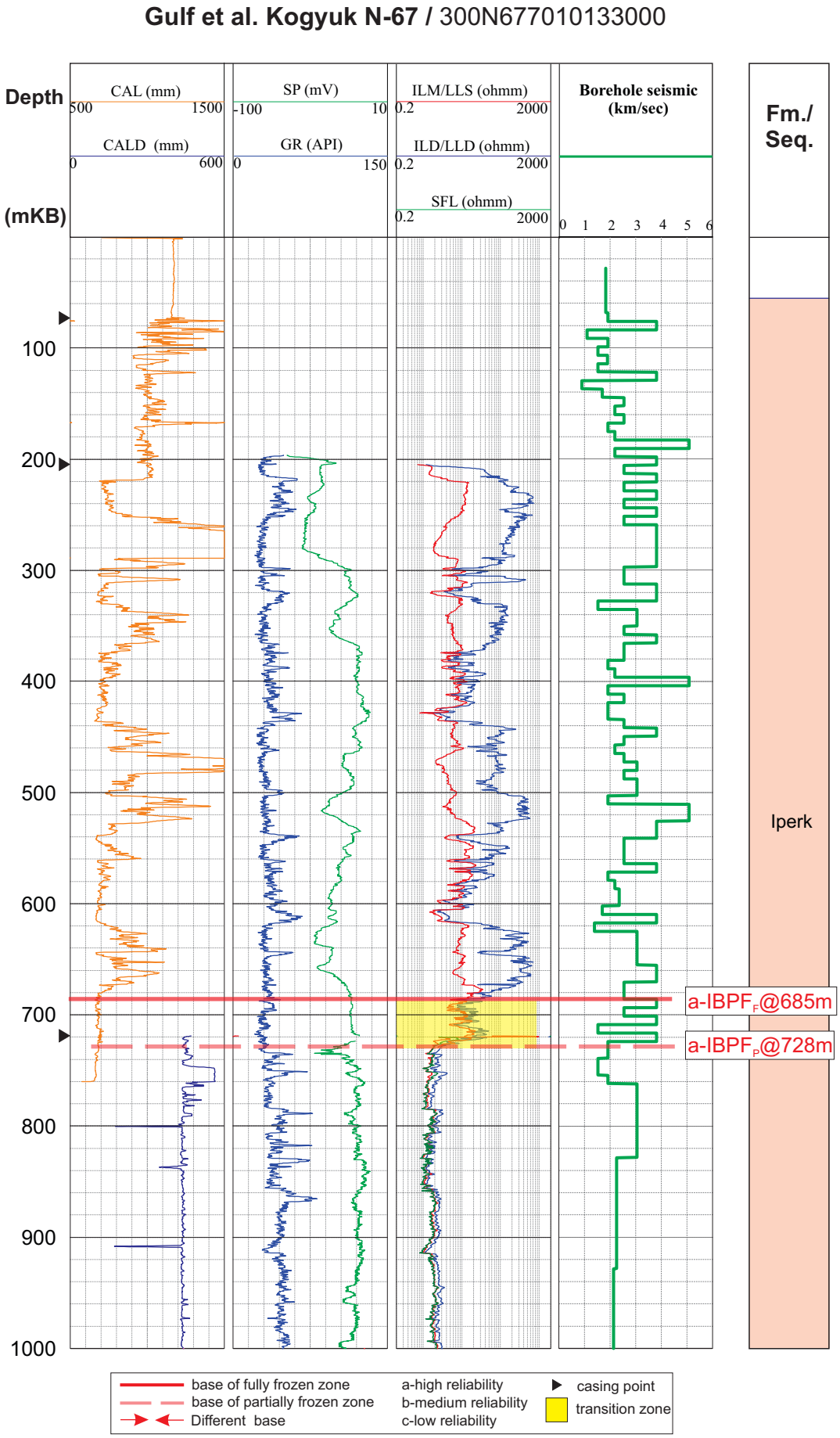

Figure 96. Determination of base of permafrost using geophysical logs and well seismic survey for the Kogyuk N-67 well in the Beaufort-Mackenzie Basin.

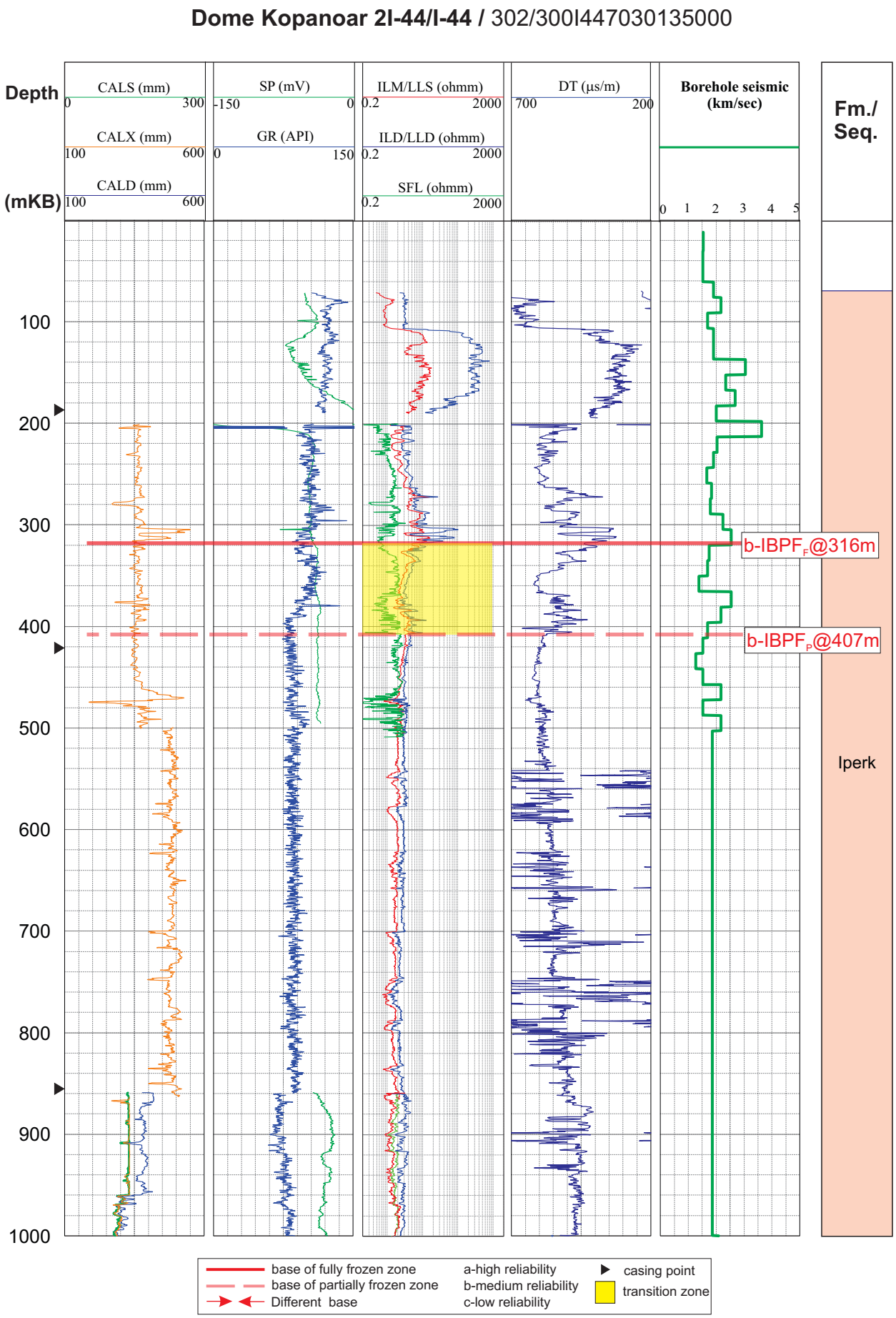

Figure 97. Determination of base of permafrost using geophysical logs and well seismic survey for the Kopanoar (2)I-44 wells in the Beaufort-Mackenzie Basin.

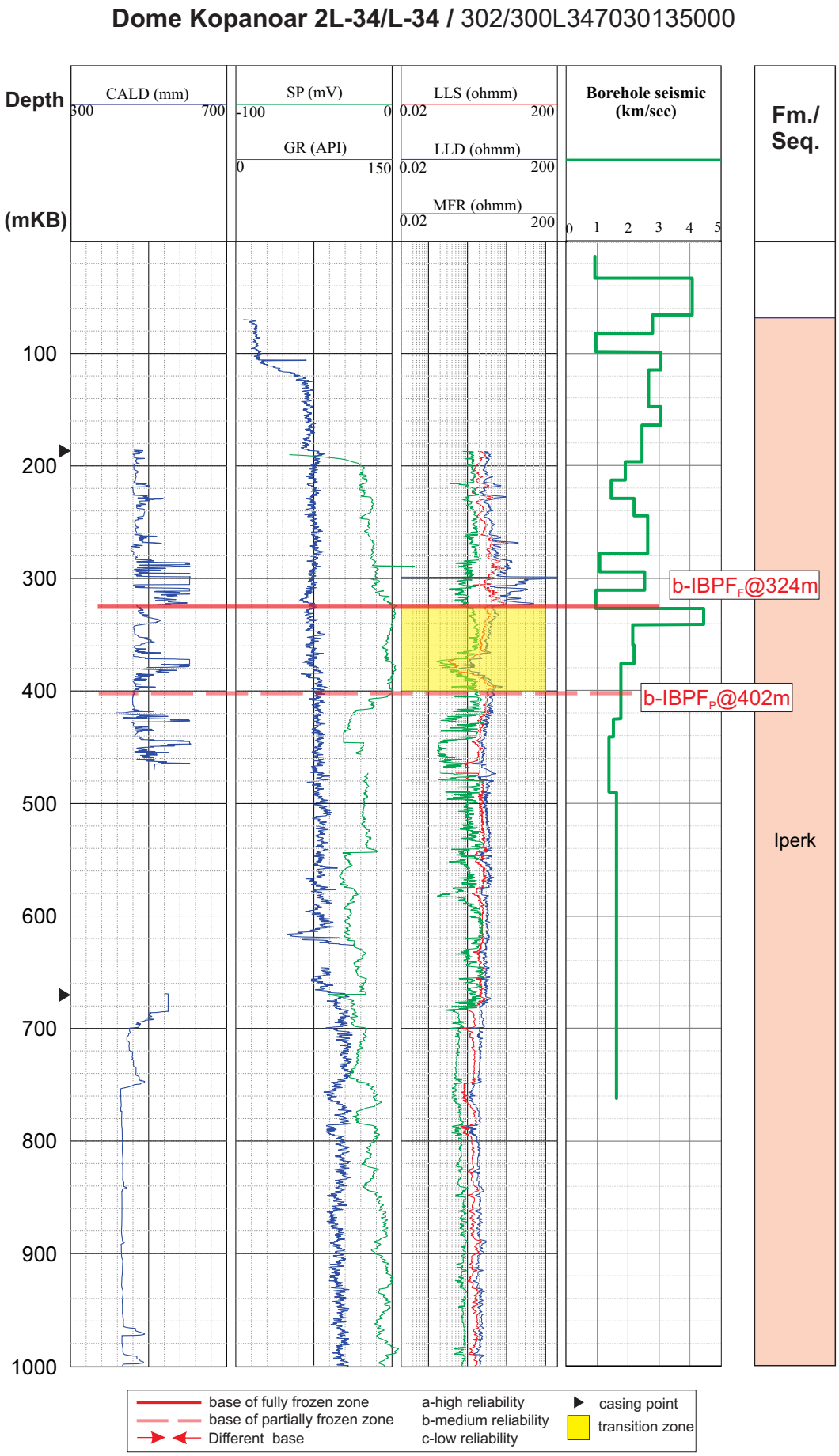

Figure 98. Determination of base of permafrost using geophysical logs and well seismic survey for the Kopanoar (2)L-34 wells in the Beaufort-Mackenzie Basin.

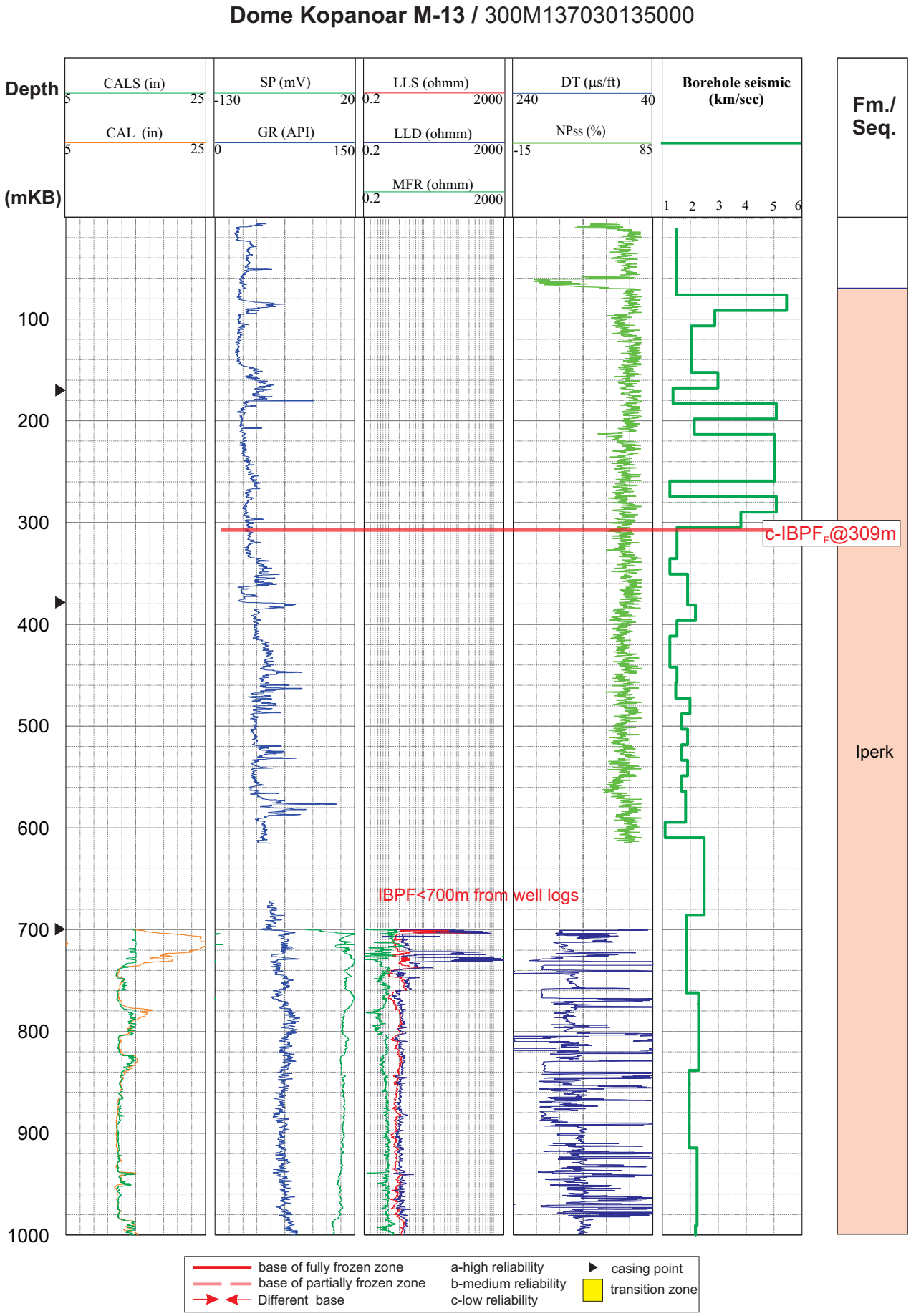

Figure 99. Determination of base of permafrost using geophysical logs and well seismic survey for the Kopanoar M-13 well in the Beaufort-Mackenzie Basin.

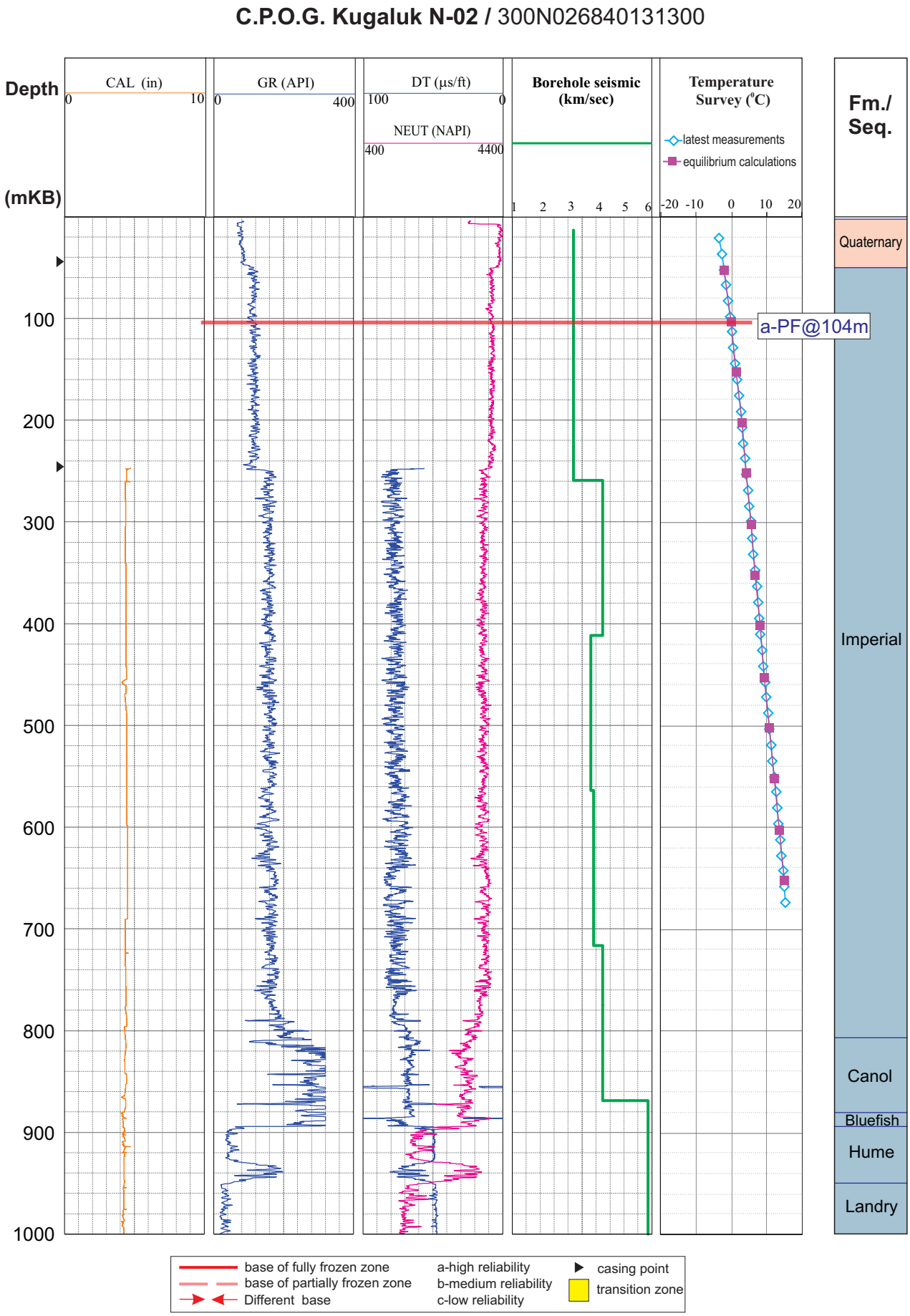

Figure 100. Determination of base of permafrost using geophysical logs, well seismic survey and temperature survey for the Kugaluk N-02 well in the Beaufort-Mackenzie Basin.

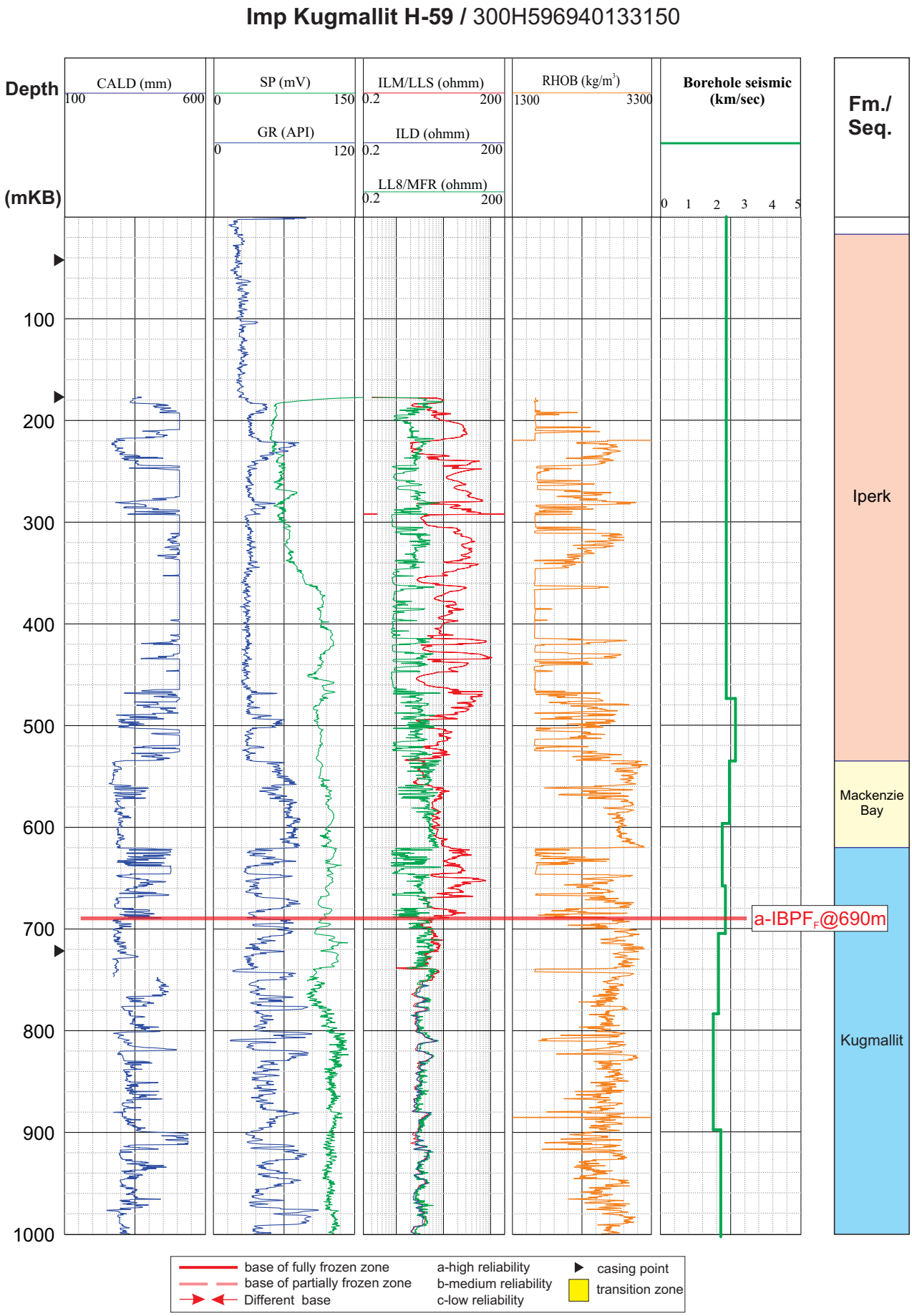

Figure 101. Determination of base of permafrost using geophysical logs and well seismic survey for the Kugmallit H-59 well in the Beaufort-Mackenzie Basin.

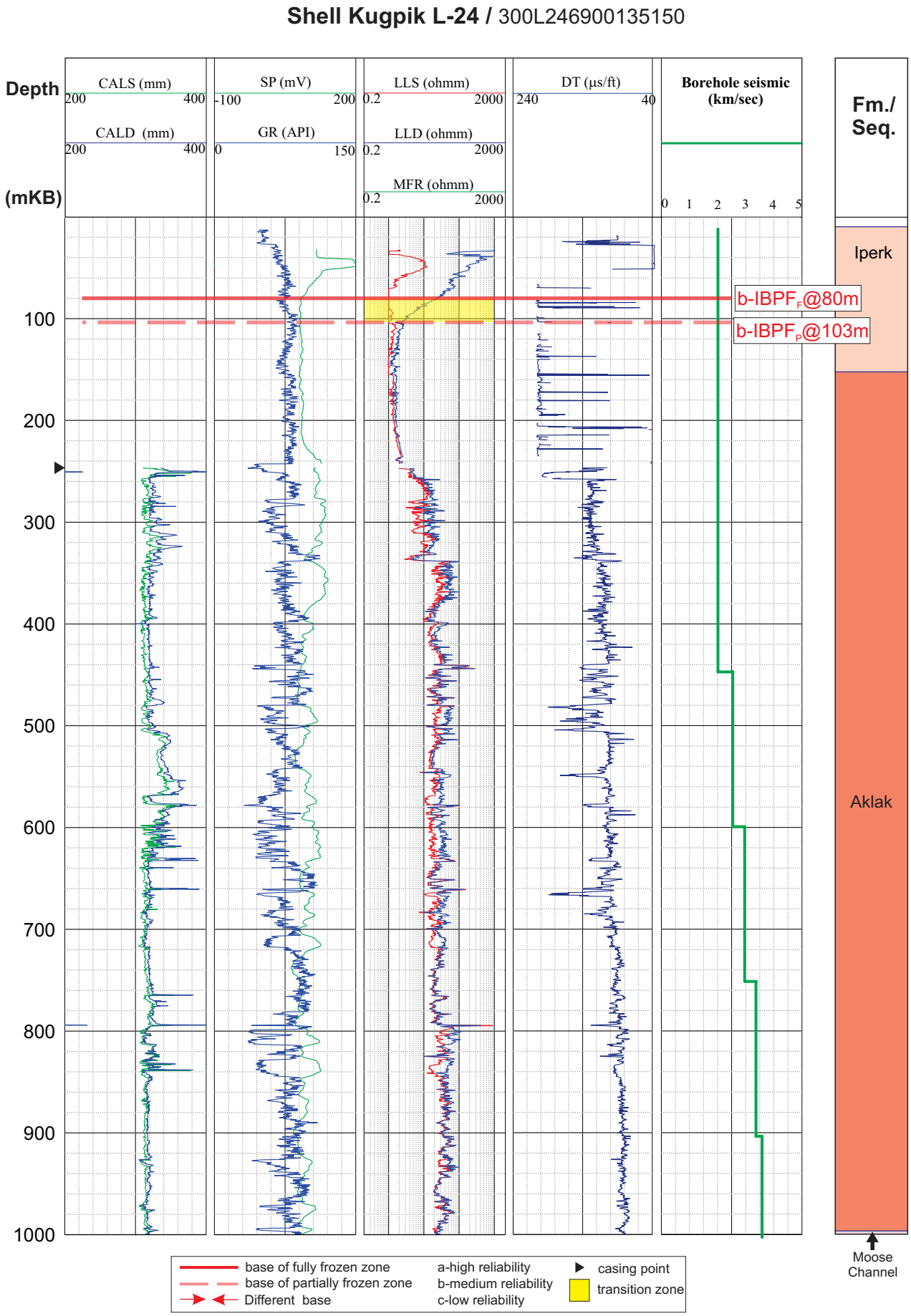

Figure 102. Determination of base of permafrost using geophysical logs and well seismic survey for the Kugpik L-24 well in the Beaufort-Mackenzie Basin.

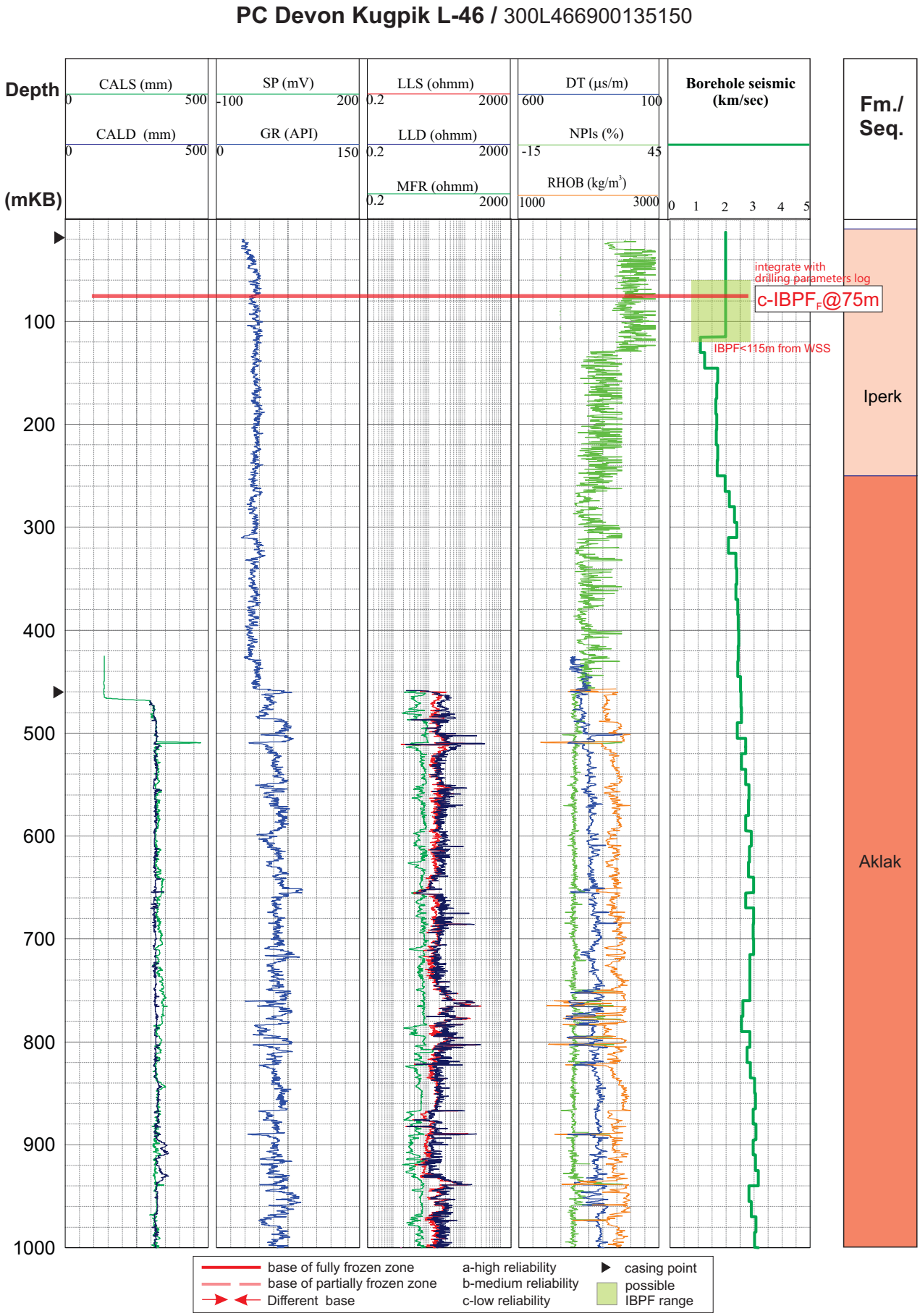

Figure 103. Log suite and well seismic survey for shallow interval (≤1000m) for the Kugpik L-46 well in the Beaufort-Mackenzie Basin. The base of permafrost is determined from well seismic survey and drilling parameters.

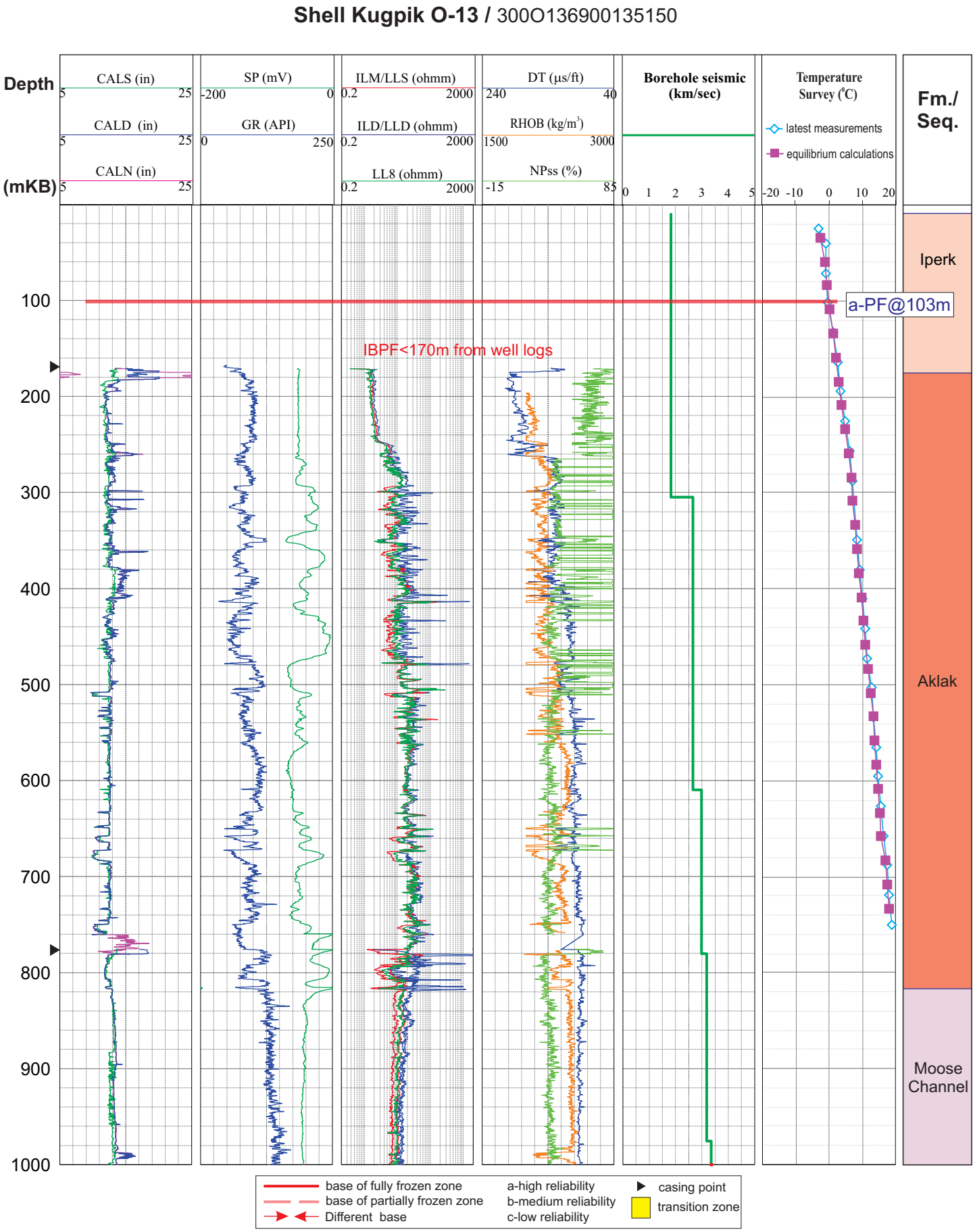

Figure 104. Log suite, temperature survey and well seismic survey for shallow interval (≤1000m) for the Kugpik O-13 well in the Beaufort-Mackenzie Basin. The base of permafrost is determined from temperature survey.

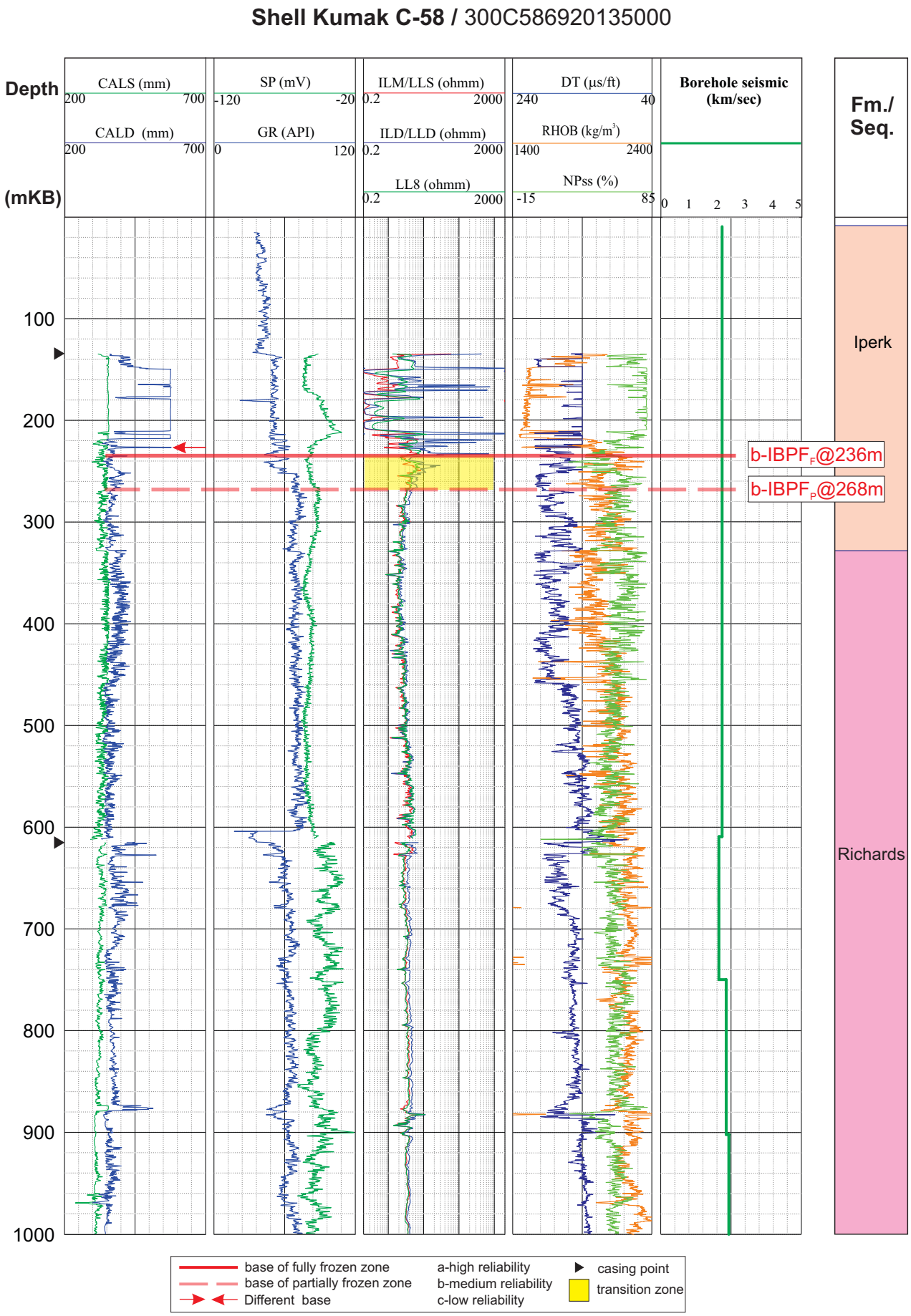

Figure 105. Determination of base of permafrost using geophysical logs and well seismic survey for the Kumak C-58 well in the Beaufort-Mackenzie Basin.

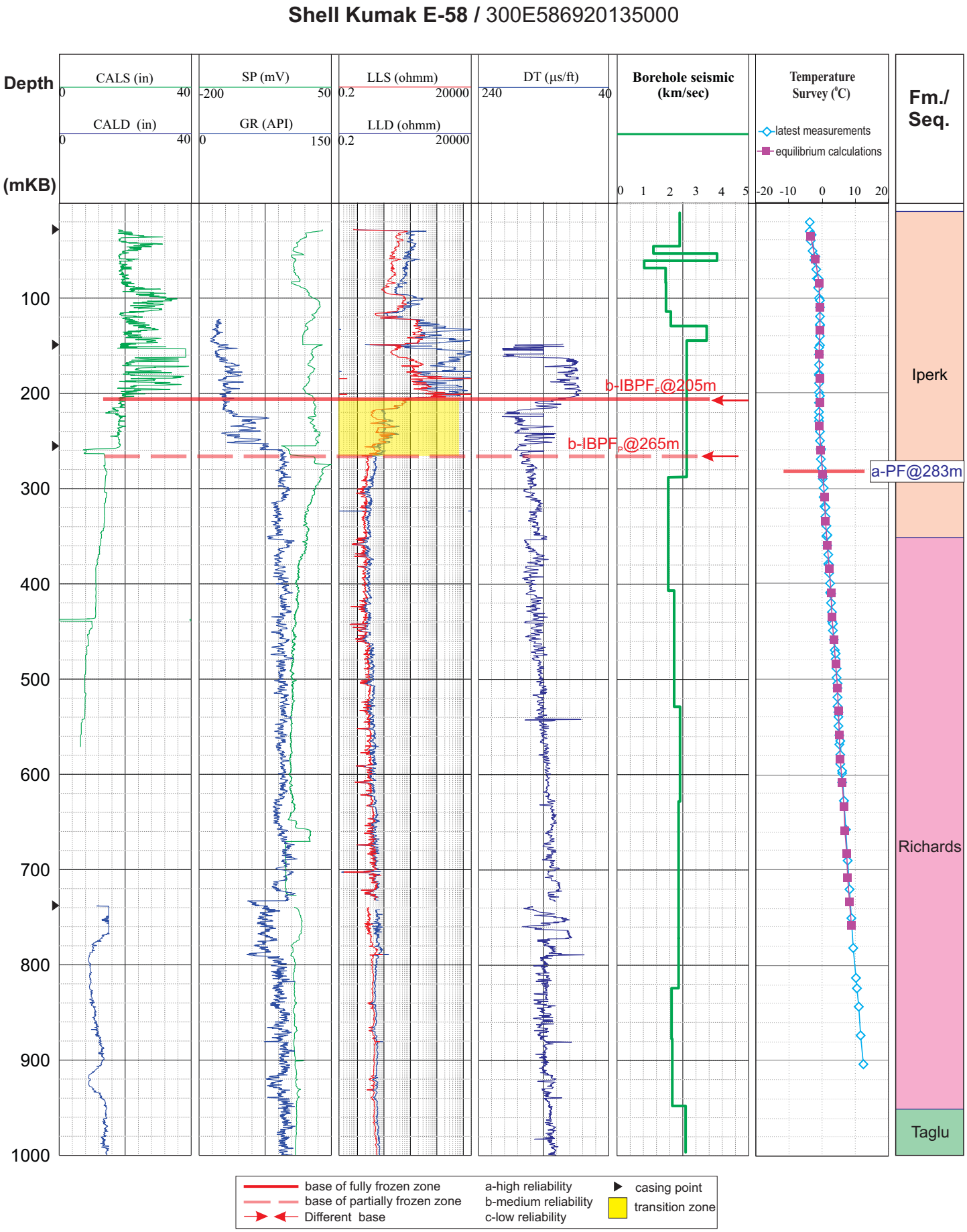

Figure 106. Determination of base of permafrost using geophysical logs, temperature survey and well seismic survey for the Kumak E-58 well in the Beaufort-Mackenzie Basin.

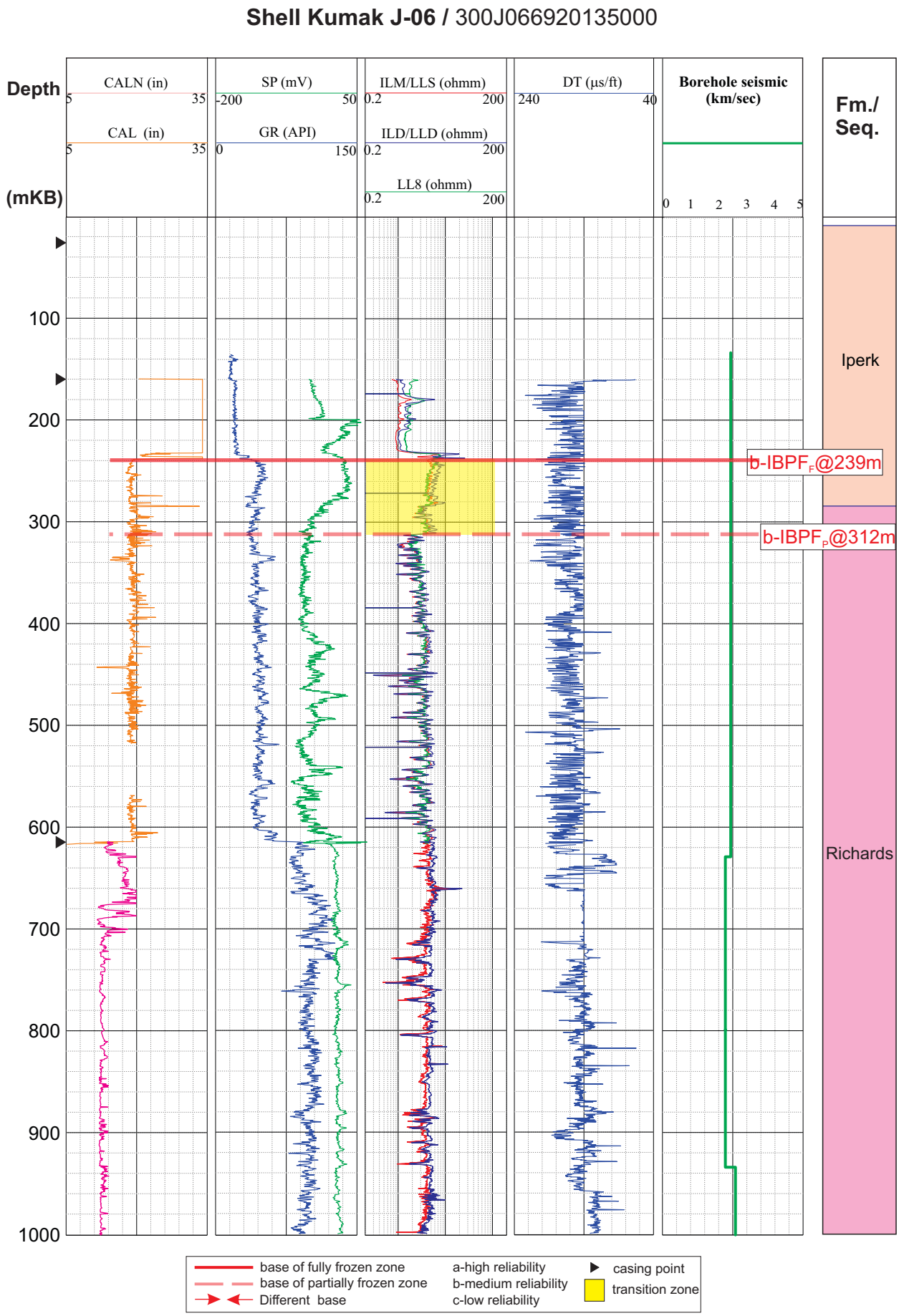

Figure 107. Determination of base of permafrost using geophysical logs and well seismic survey for the Kumak J-06 well in the Beaufort-Mackenzie Basin.

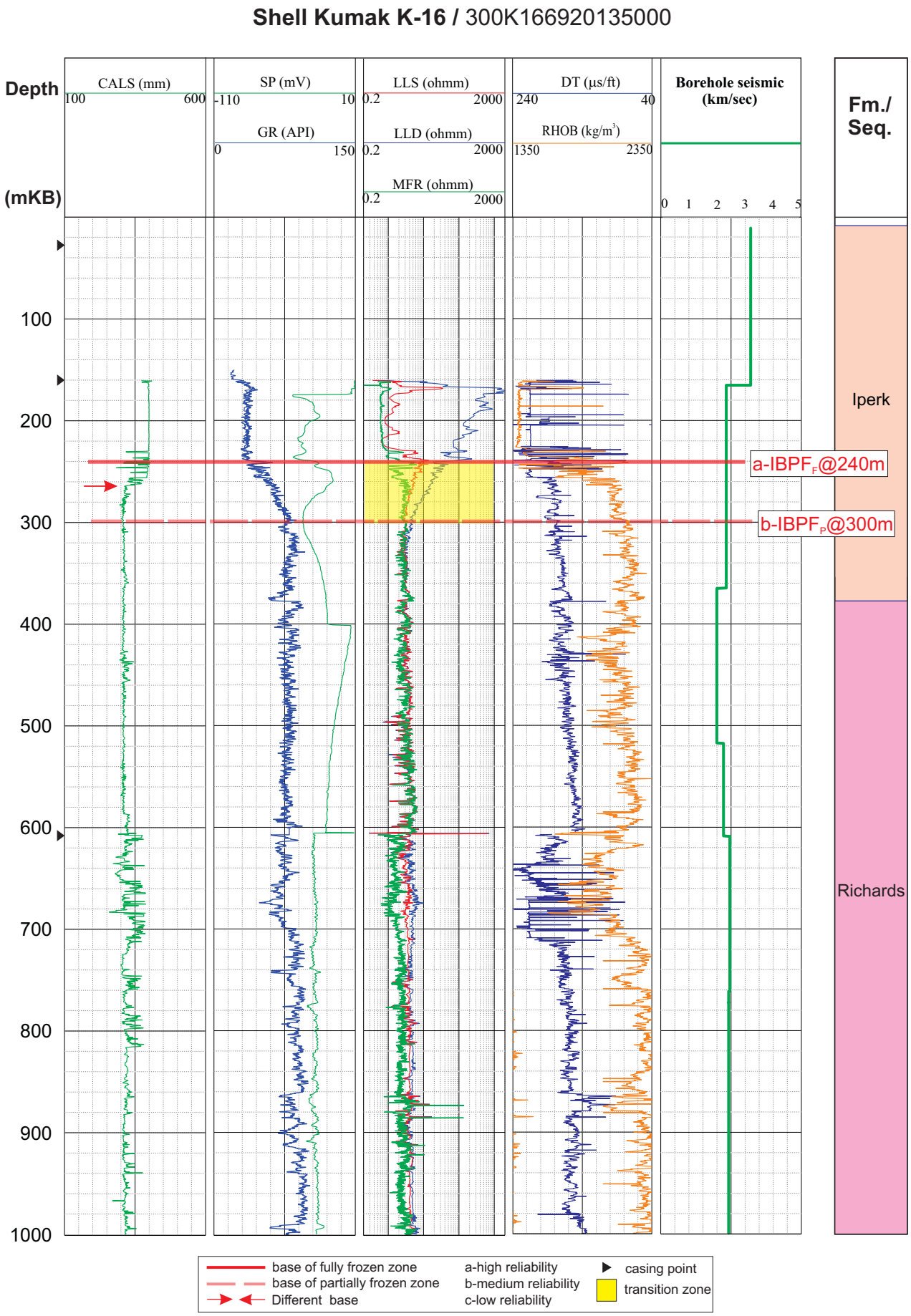

Figure 108. Determination of base of permafrost using geophysical logs and well seismic survey for the Kumak K-16 well in the Beaufort-Mackenzie Basin.

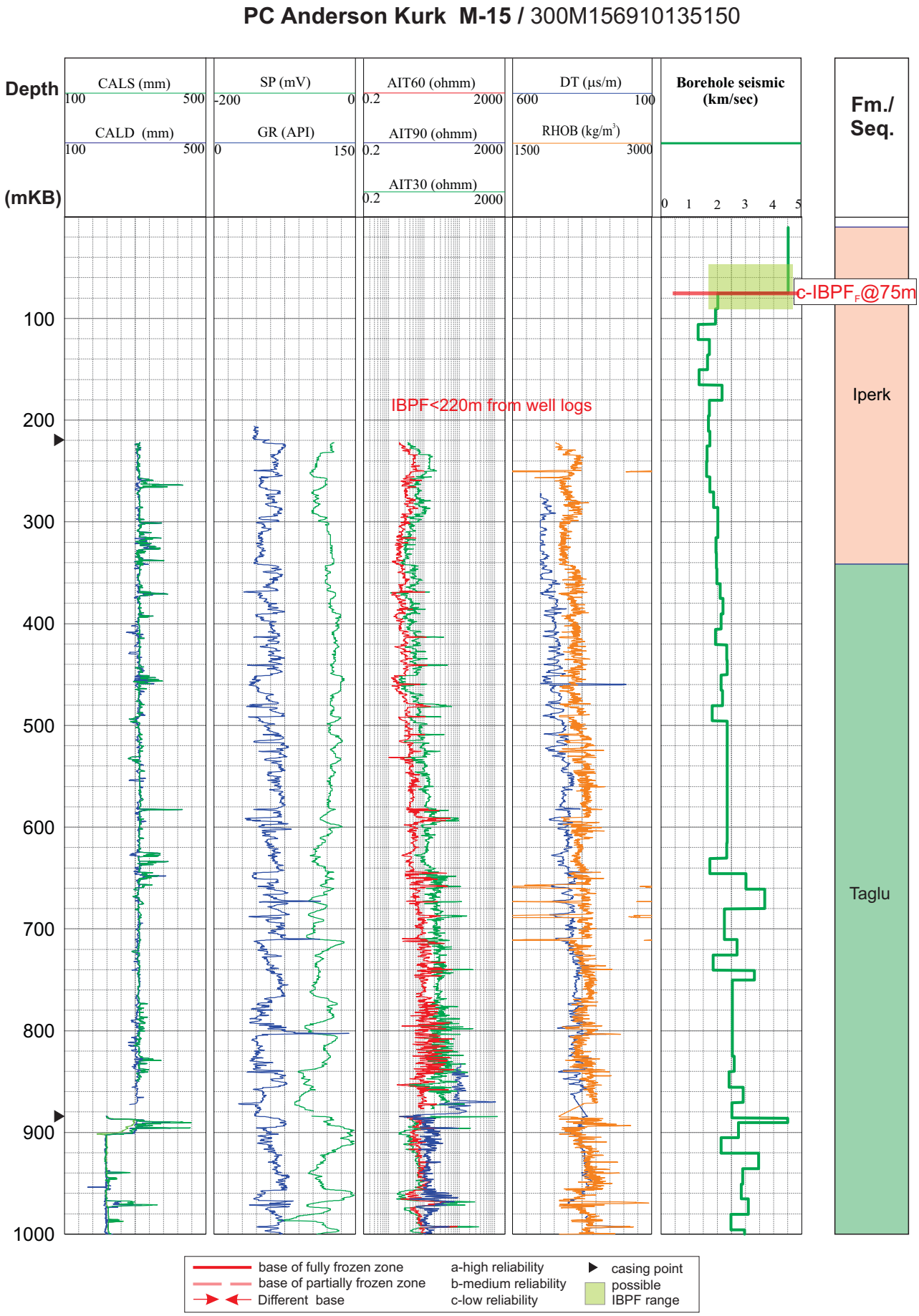

Figure 109. Log suite and well seismic survey for shallow interval (≤1000m) for the Kurk M-15 well. The base of IBPF is estimated from well seismic survey..

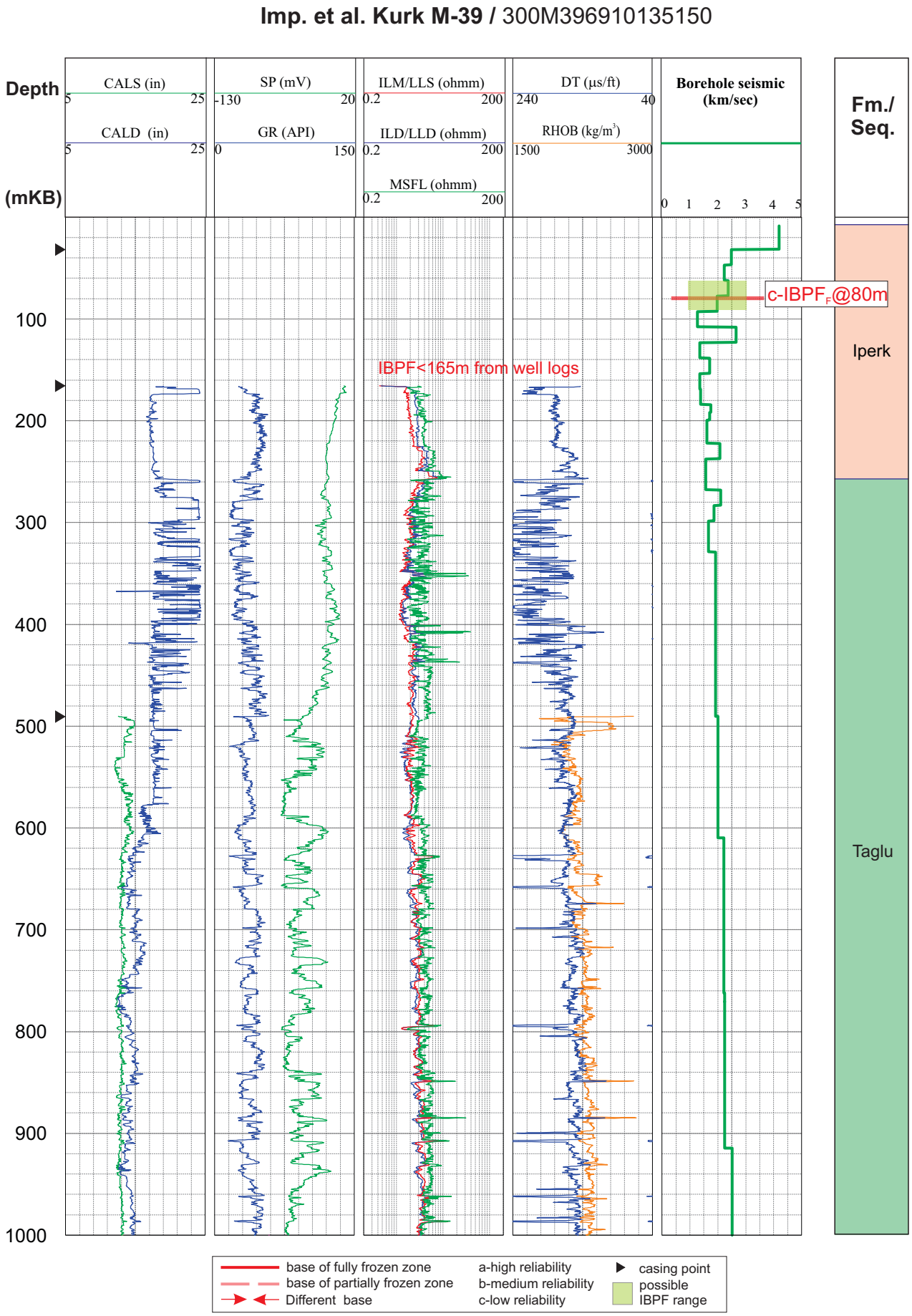

Figure 110. Log suite and well seismic survey for shallow interval (≤1000m) for the Kurk M-39 well. The base of IBPF is estimated from well seismic survey.

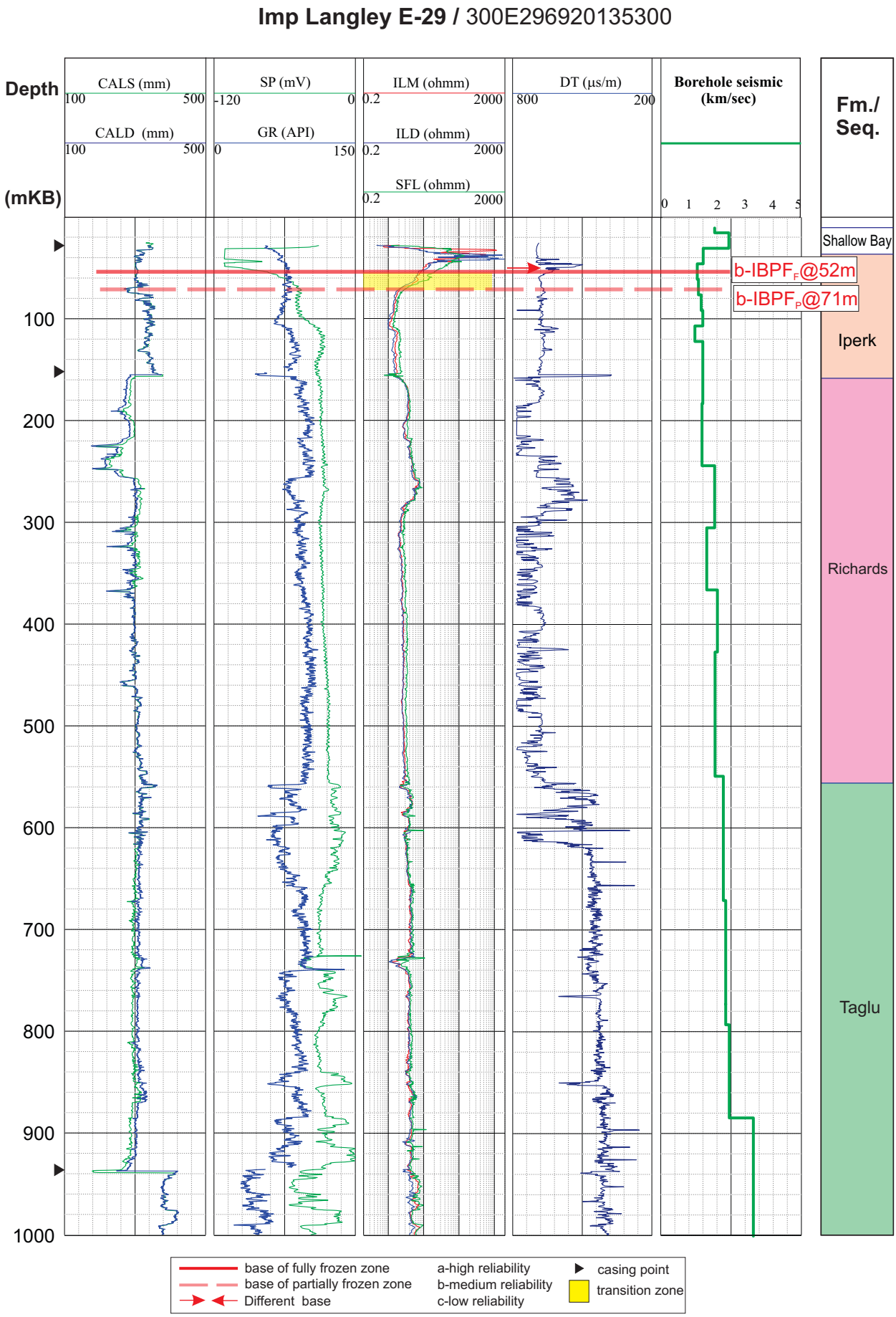

Figure 111. Determination of base of permafrost using geophysical logs and well seismic survey for the Langley E-29 well in the Beaufort-Mackenzie Basin.

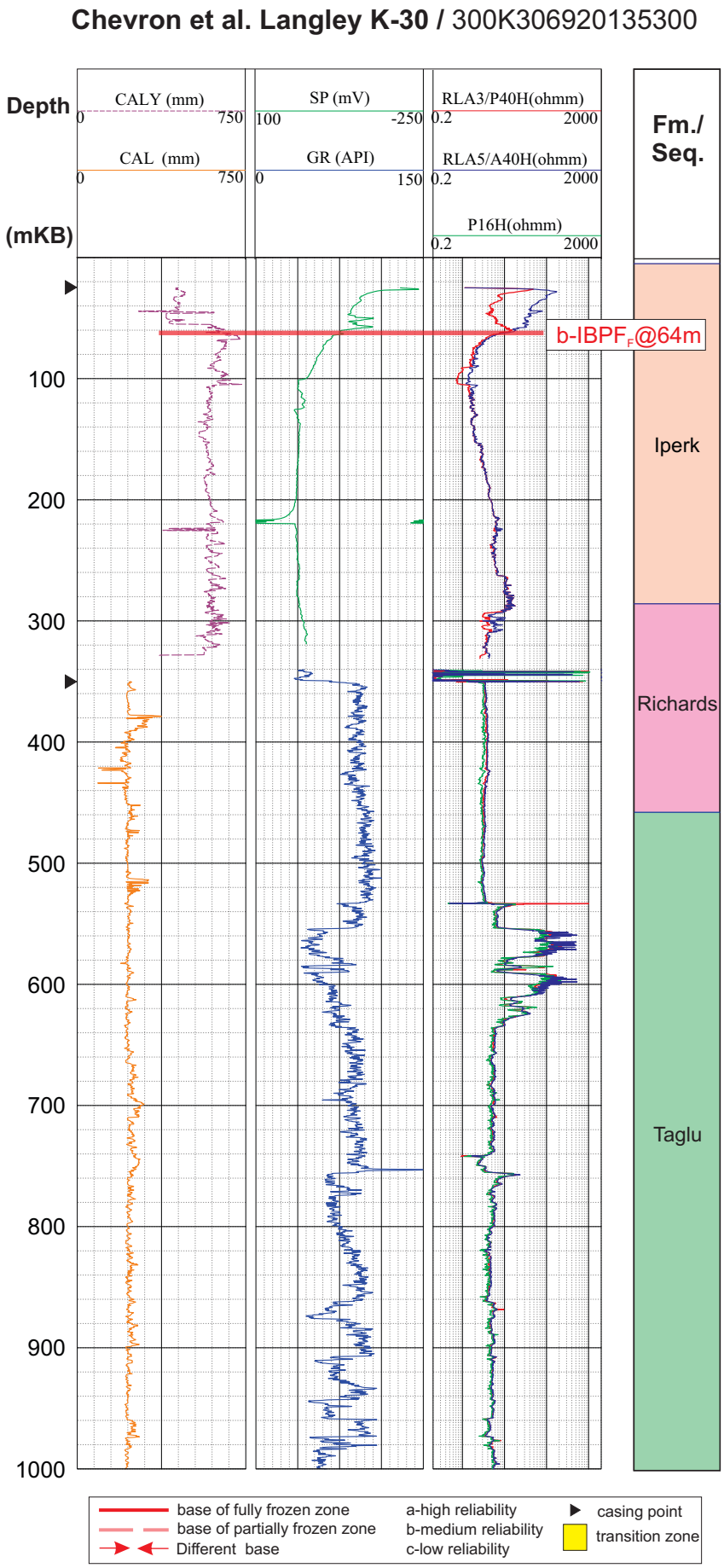

Figure 112. Determination of base of permafrost using geophysical logs for the Langley K-30 well in the Beaufort-Mackenzie Basin.

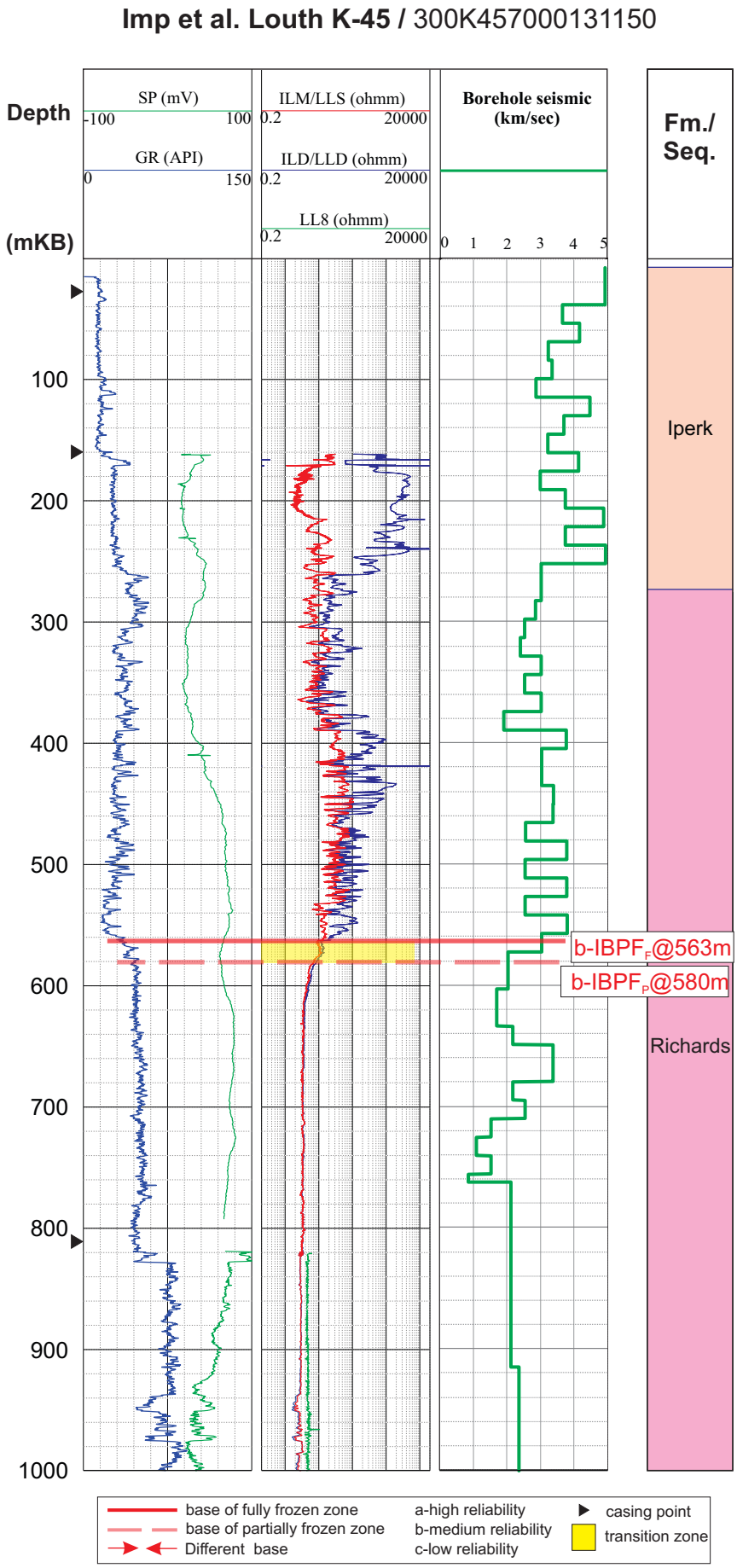

Figure 113. Determination of base of permafrost using geophysical logs and well seismic survey for the Louth K-45 well in the Beaufort-Mackenzie Basin.

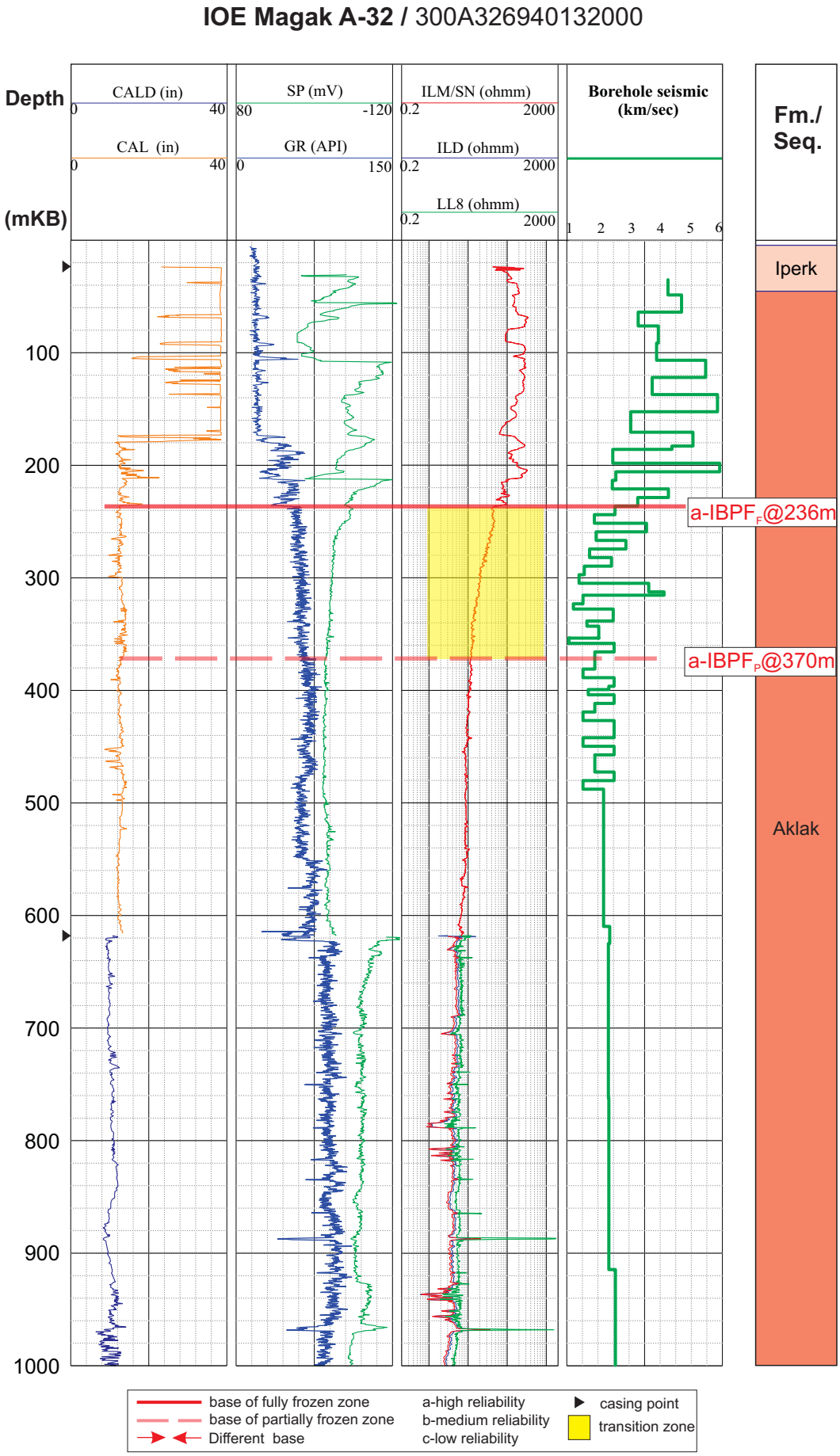

Figure 114. Determination of base of permafrost using geophysical logs and well seismic survey for the Magak A-32 well in the Beaufort-Mackenzie Basin.

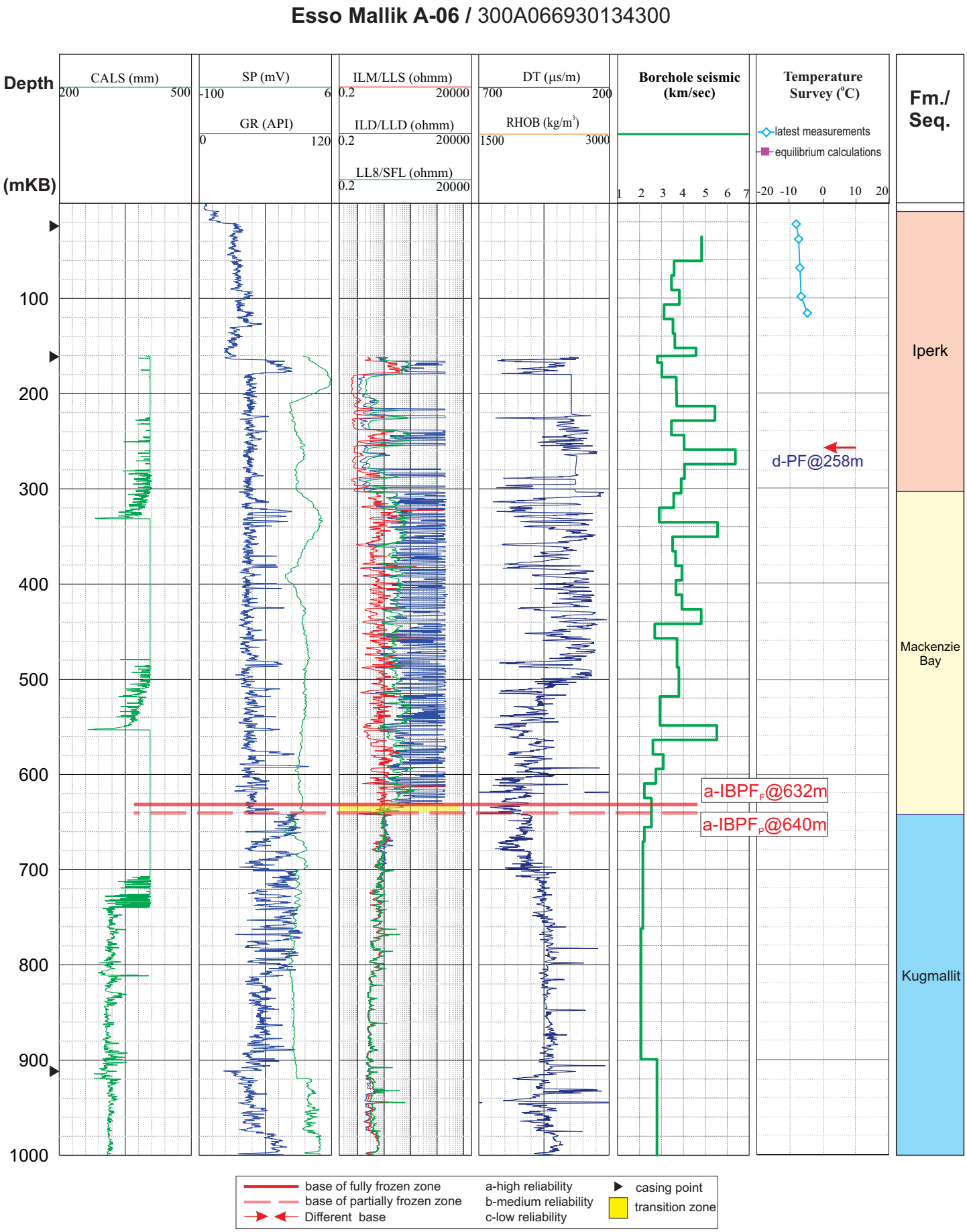

Figure 115. Determination of base of permafrost using geophysical logs and well seismic survey for the Mallik A-06 well in the Beaufort-Mackenzie Basin.

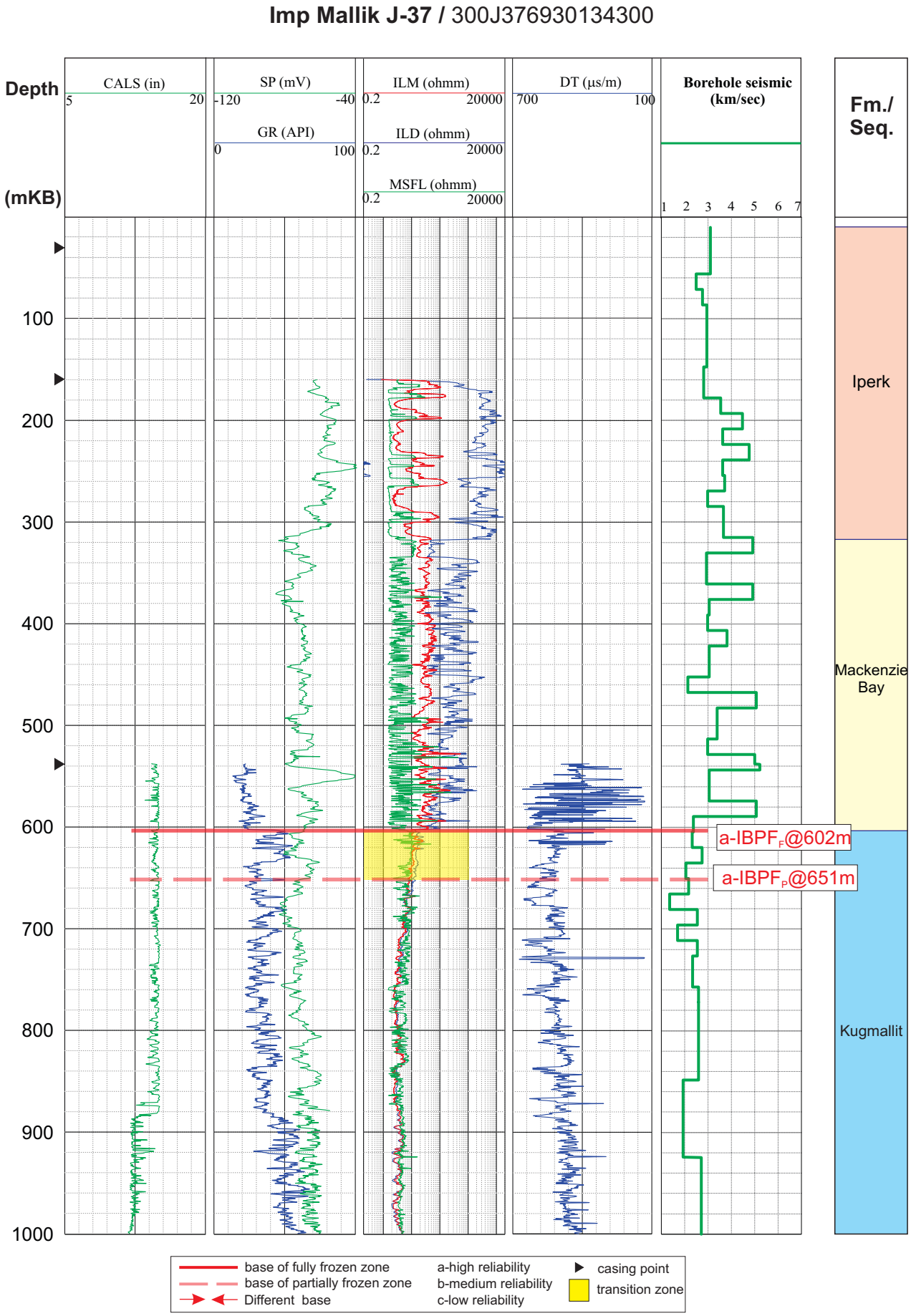

Figure 116. Determination of base of permafrost using geophysical logs and well seismic survey for the Mallik J-37 well in the Beaufort-Mackenzie Basin.

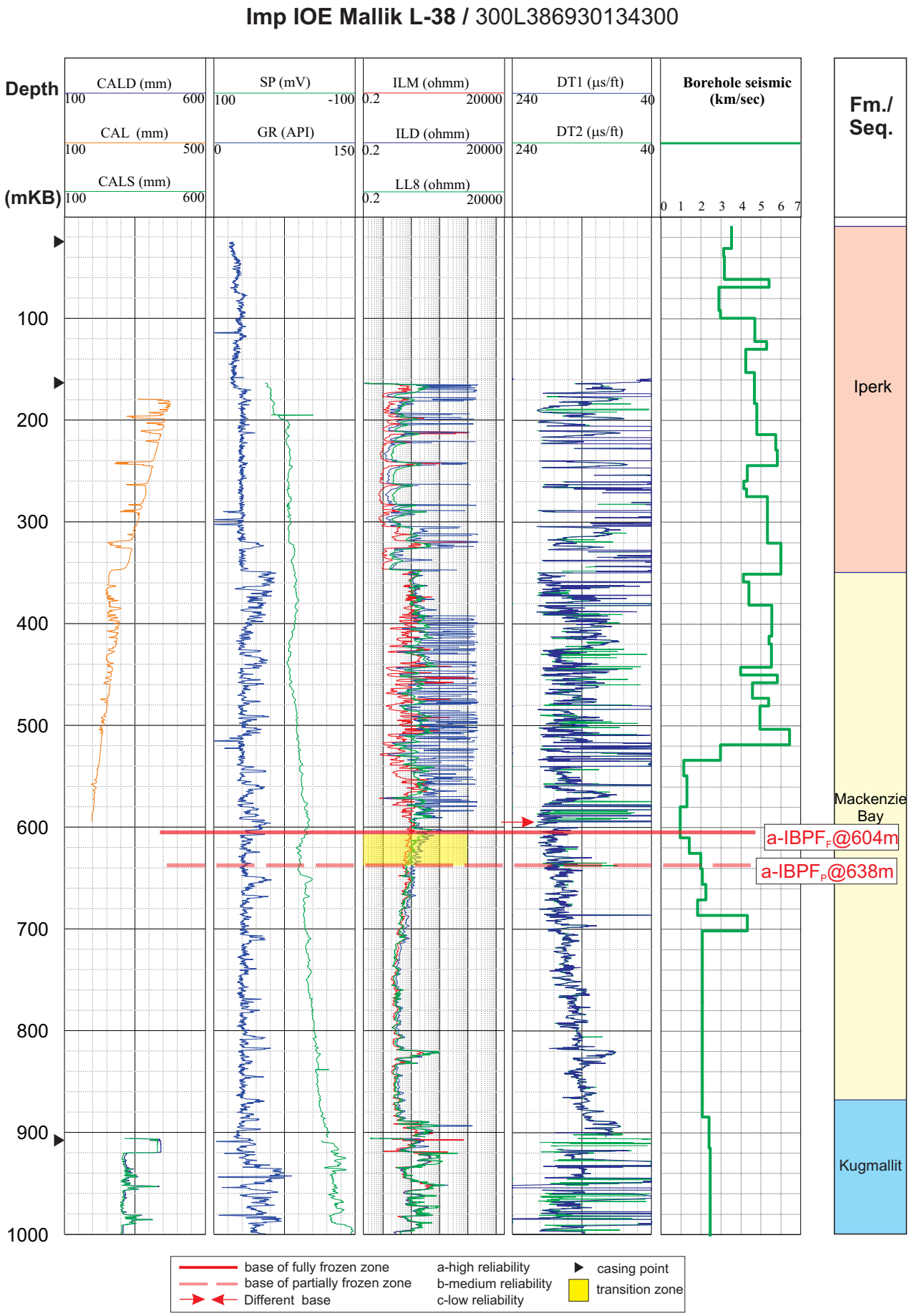

Figure 117. Determination of base of permafrost using geophysical logs and well seismic survey for the Mallik L-38 well in the Beaufort-Mackenzie Basin.

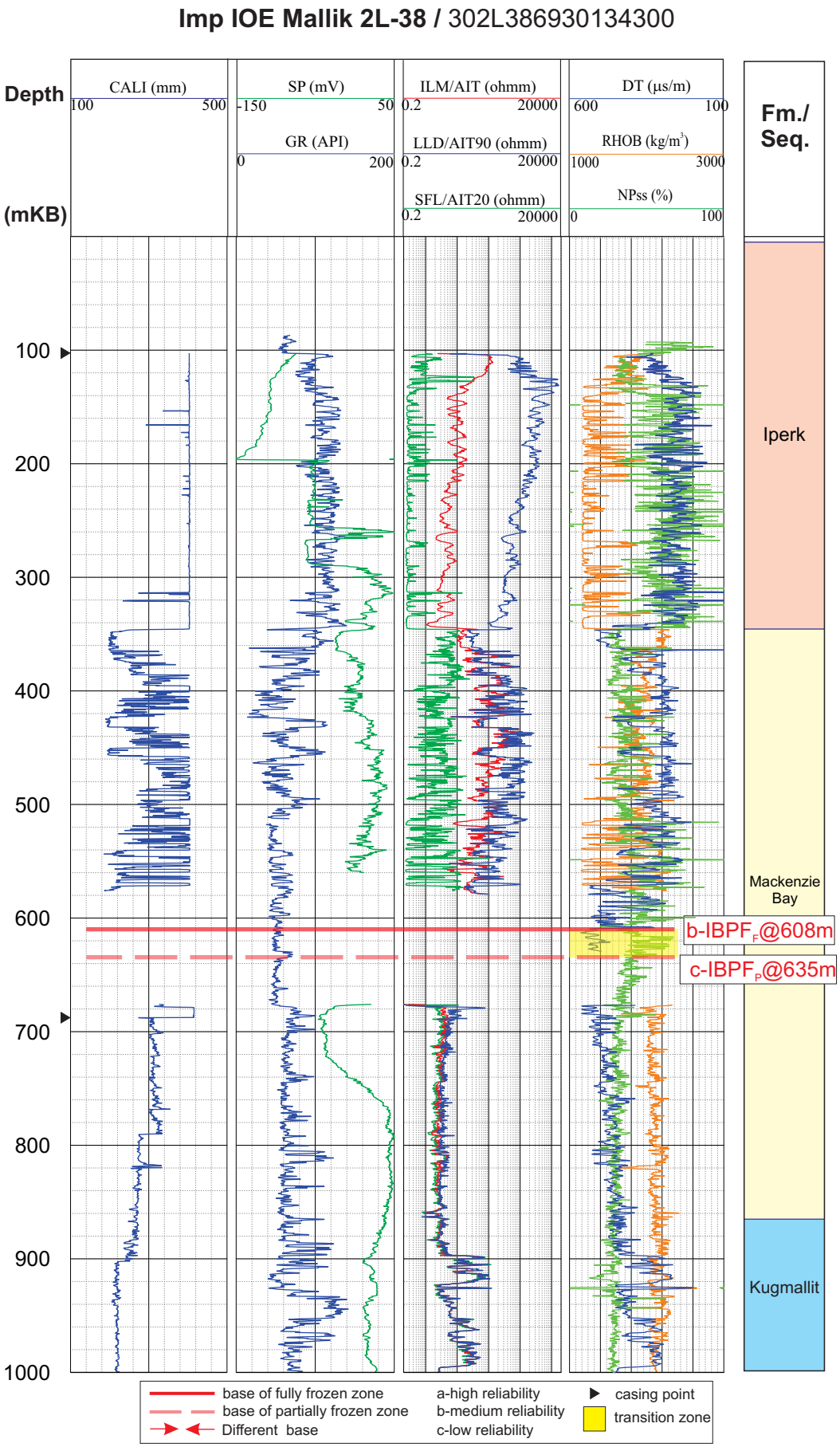

Figure 118. Determination of base of permafrost using geophysical logs for the Mallik 2L-38 well in the Beaufort-Mackenzie Basin.

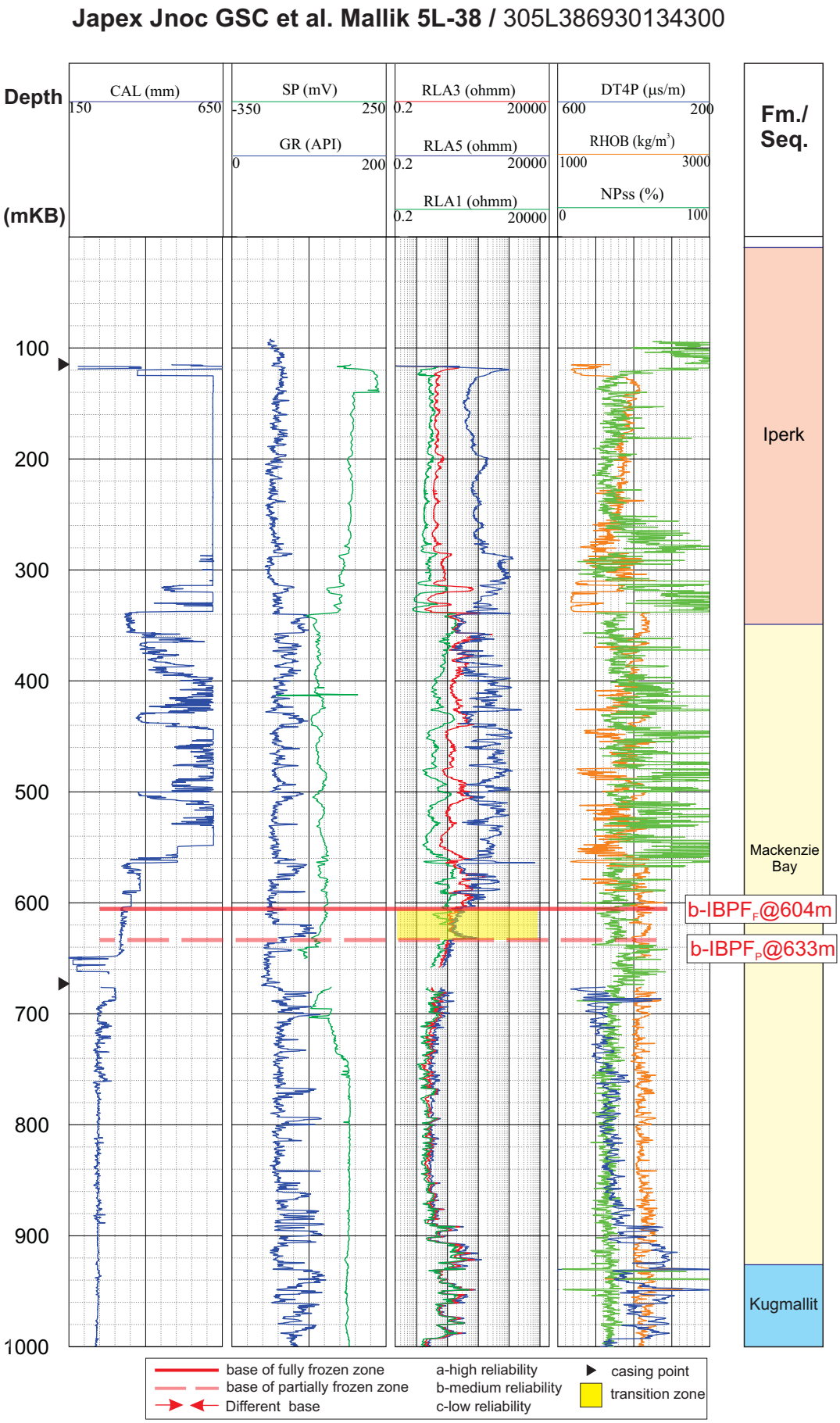

Figure 119. Determination of base of permafrost using geophysical logs for the Mallik 5L-38 well in the Beaufort-Mackenzie Basin.

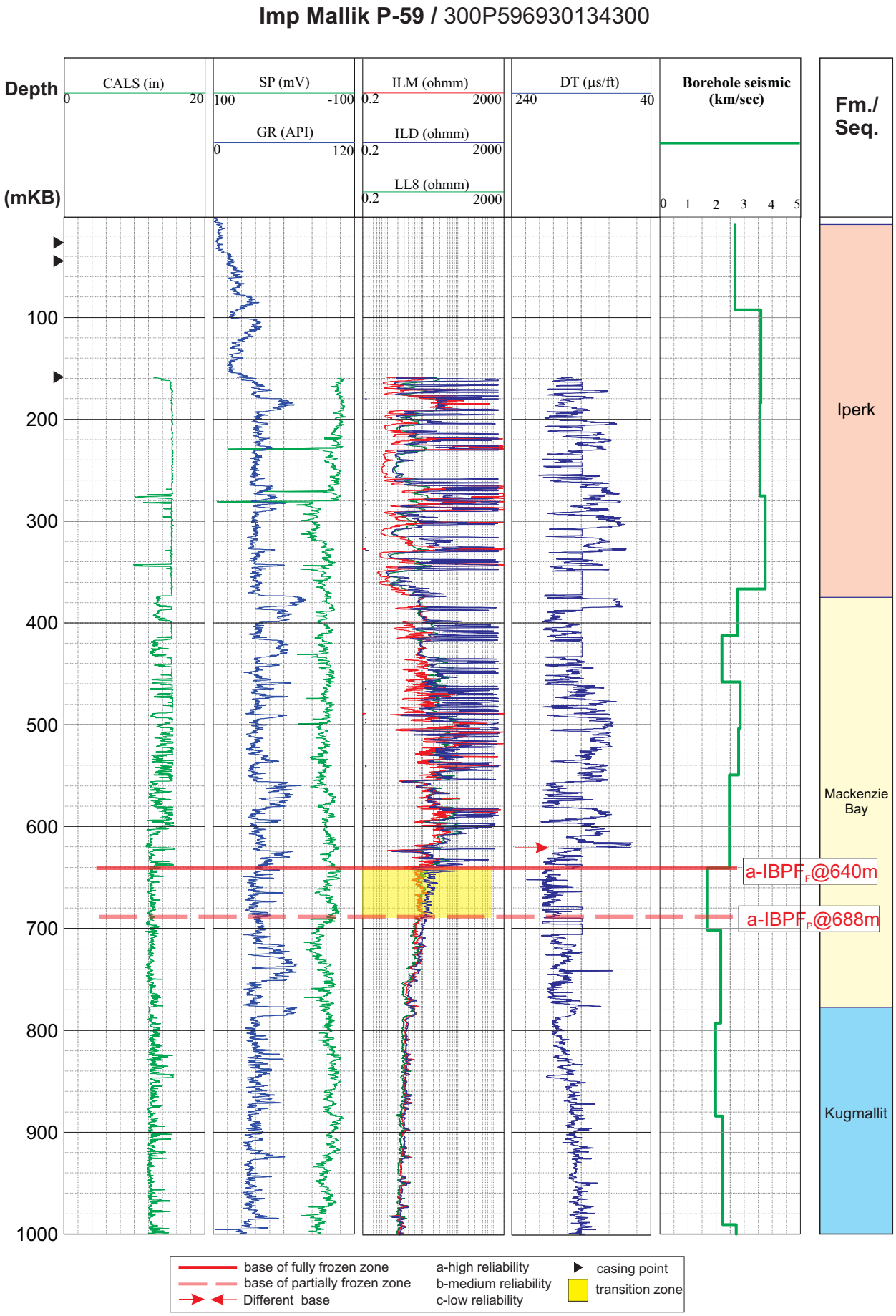

Figure 120. Determination of base of permafrost using geophysical logs and well seismic survey for the Mallik P-59 well in the Beaufort-Mackenzie Basin.

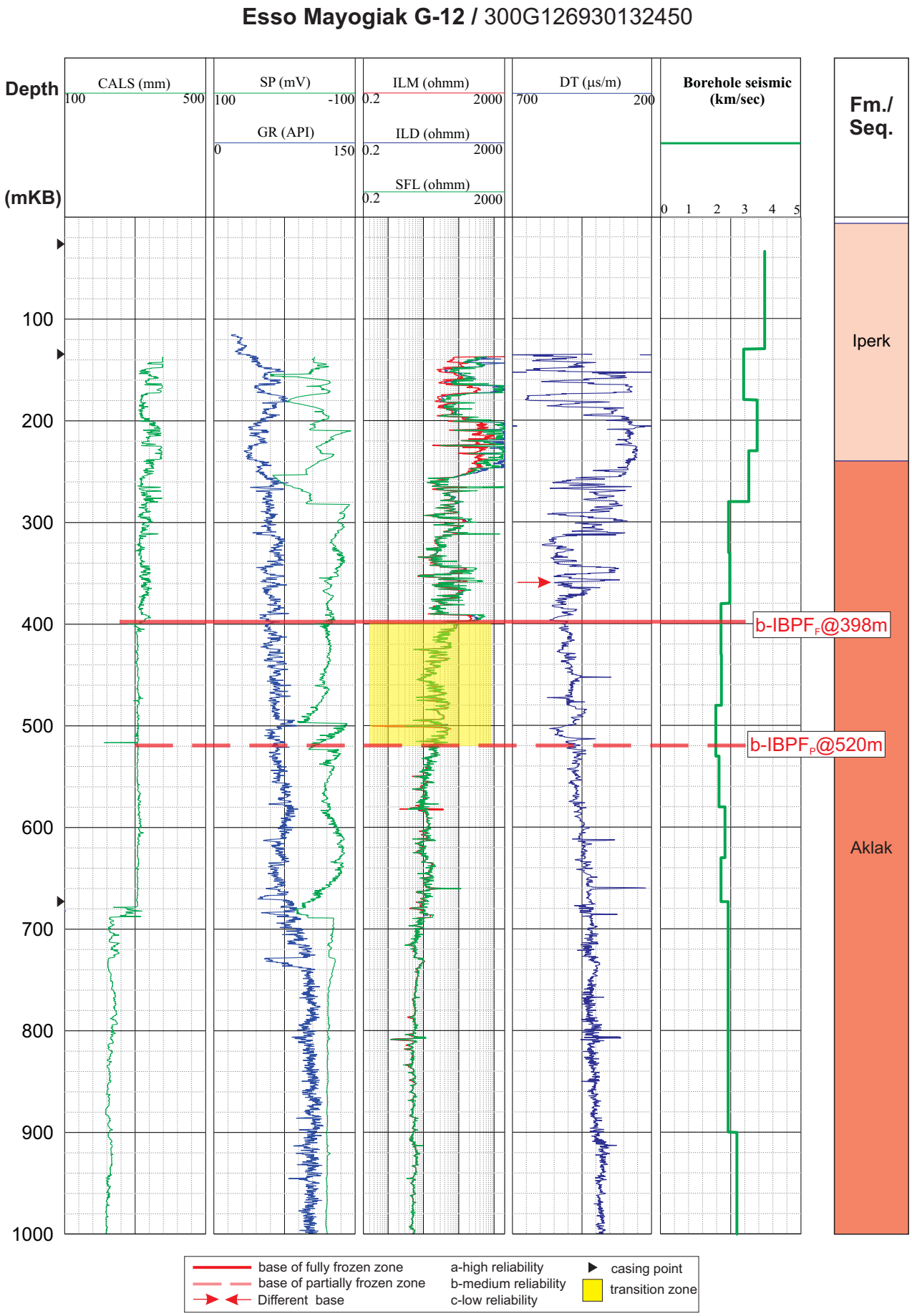

Figure 121. Determination of base of permafrost using geophysical logs and well seismic survey for the Mayogiak G-12 well in the Beaufort-Mackenzie Basin.

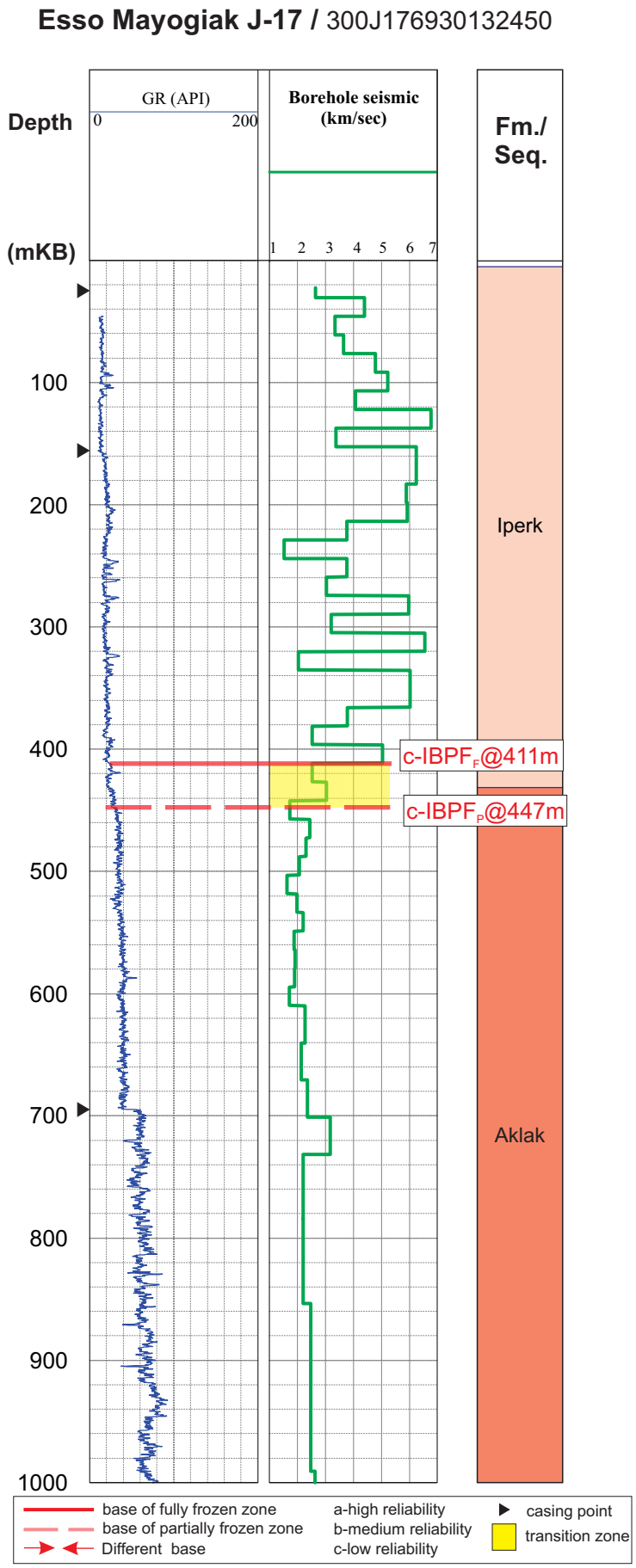

Figure 122. The base of permafrost is determined mainly from well seismic survey for the Mayogiak J-17 well in the Beaufort-Mackenzie Basin.

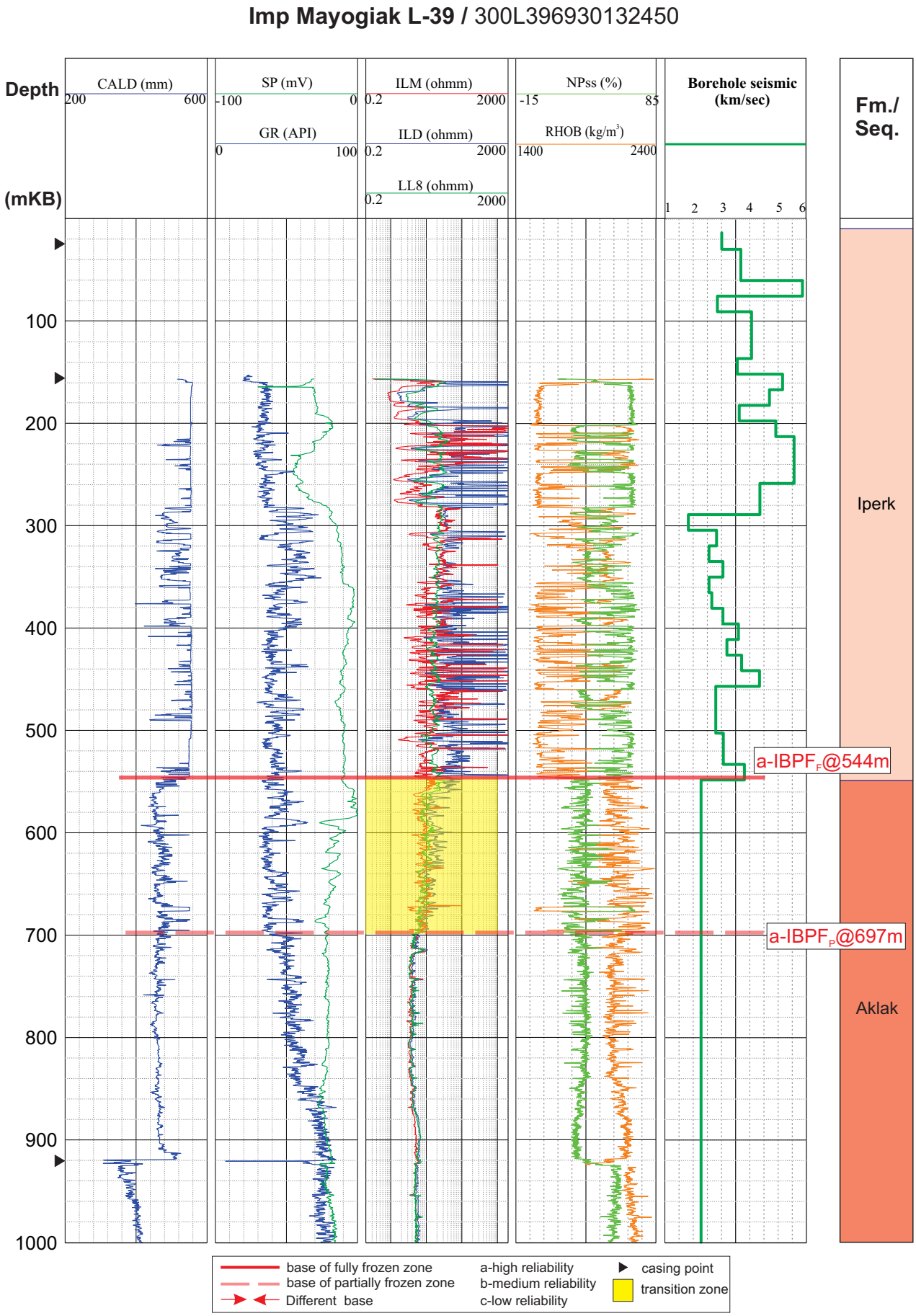

Figure 123. Determination of base of permafrost using geophysical logs and well seismic survey for the Mayogiak L-39 well in the Beaufort-Mackenzie Basin.

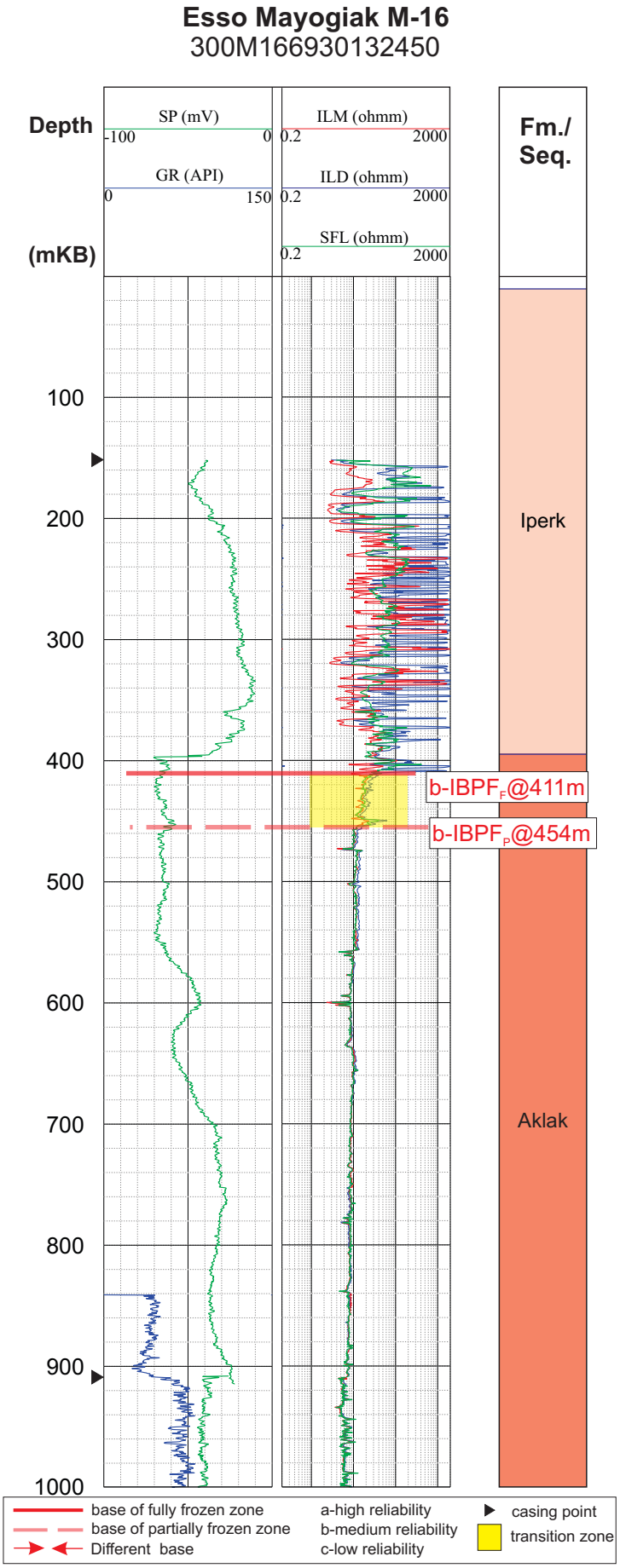

Figure 124. Determination of base of permafrost using geophysical logs for the Mayogiak M-16 well in the Beaufort-Mackenzie Basin.

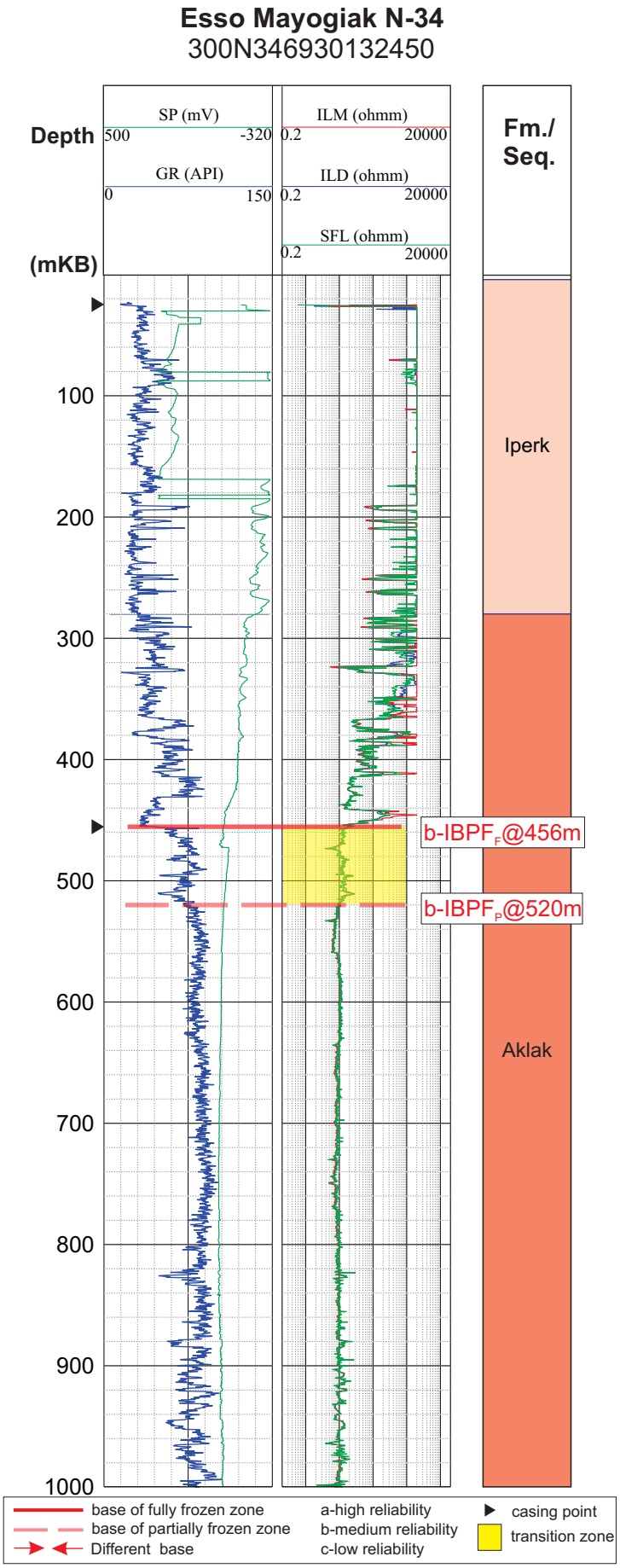

Figure 125. Determination of base of permafrost using geophysical logs for the Mayogiak N-34 well in the Beaufort-Mackenzie Basin.

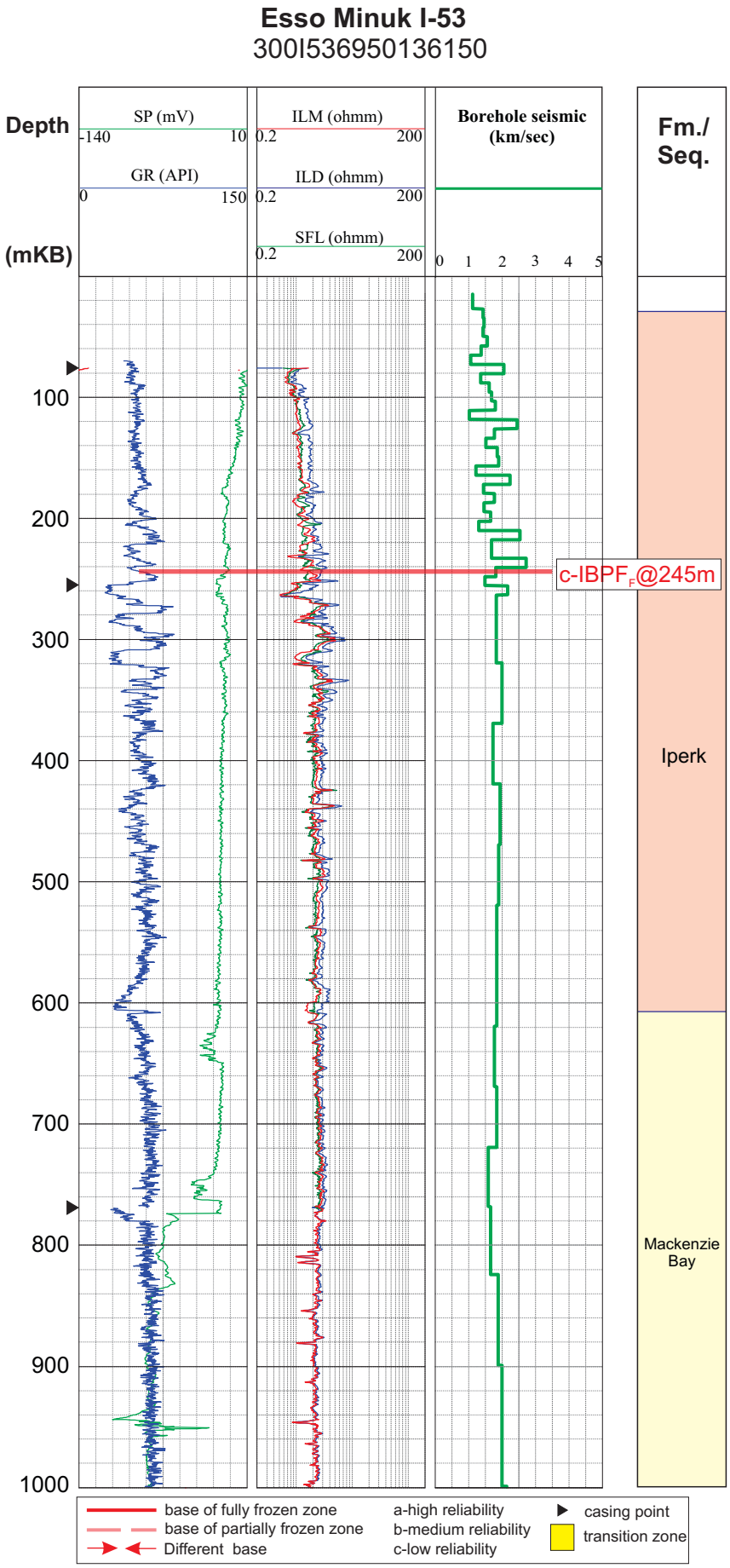

Figure 126. Determination of base of permafrost using geophysical logs and well seismic survey for the Minuk I-53 well in the Beaufort-Mackenzie Basin.