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Forsmark site investigation

Correlation of Posiva Flow Log anomalies to core mapped features in KFM01D, KFM07C, KFM08A, KFM08C and KFM10A

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Abstract

Difference flow logging and core mapping with the Boremap system were conducted in the core drilled boreholes KFM01D, -07C, -08A, -08C and -10A at Forsmark. These data have been used to identify individual geologically mapped features as fractures or crush zones that correspond to flow anomalies identified with the Posiva Flow Log/Difference Flow (PFL) method.

A few general results of the Boremap are shown in Tables I and III and corresponding anomalies in Tables II and IV. In several cases a flow anomaly can be connected to several fractures if they are close to the anomaly. In most of these cases, it may be one of the interpreted fractures, some of them, or even all of them that correspond to the anomaly.

Table I. Boremap data for the PFL-s (5 m sequential measurements) measured interval in KFM01D, KFM07C and KFM08A.

Object	KFM01D	KFM07C	KFM08A
Measured interval in the borehole with PFL-s (m)	91.43–793.90	98.39–493.32	102.26–915.83
Number of **open fractures** mapped as Total/(Certain/Probable/Possible) in the PFL-s measured interval	428 (78/168/182)	239 (42/113/84)	602 (119/176/307)
Mean fracture frequency of **open fractures** (fractures/m)	0.61	0.61	0.74
Number of **partly** open fractures mapped as Total /(Certain/Probable/Possible) in the PFL-s measured interval	37 (21/9/7)	45 (36/2/7)	45 (27/2/16)
Mean fracture frequency of **partly open fractures** (fractures/m)	0.05	0.11	0.06
Number of **crush zones** in the PFL-s measured interval	1	1	2
Approx. number of fractures in **crush zones** assuming 40 fractures/m	0.48	16.66	0.48
Mean number of fractures in a **crush zone**	0.48	16.66	0.24
Mean fracture frequency of **Total open fractures** (All open, partly open and crush zone fractures) (fractures/m)	0.66	0.76	0.80
Number of **sealed fractures** mapped as Total/(Certain/Probable/Possible) in the PFL-s measured interval	1,164 (877/286/1)	1,462 (1,082/380/0)	3,357 (2,727/623/7)
Mean fracture frequency of **sealed fractures** (fractures/m)	1.66	3.70	4.13

Table II. Flow anomalies in KFM01D, KFM07C and KFM08A.

Object	KFM01D	KFM07C	KFM08A
Measured interval in the borehole with PFL-s (m)	91.43–793.90	98.39–493.32	102.26–915.83
Total Number of PFL anomalies ("Certain"+"Uncertain")	34	15	41
Number of **PFL anomalies** mapped as **"Certain"**	29	13	30
Number of **PFL anomalies** mapped in **crush zones**	0	0	0
Mean feature frequency of **PFL anomalies** (Total) (anomalies/m)	0.048	0.038	0.050
Number of crush zones in the PFL-s interval, **Total/No. with one or more PFL-f anomalies**	1/0	1/0	2/0
Mean frequency of crush zones with PFL anomalies	0	0	0
PFL-anomaly connected to a Geological feature (Best Choice), accuracy			
Number of PFL anomalies identified within distance <0.2 m from Geological features (open and partly open fractures and crush zones)	34	11	37
Number of PFL anomalies identified within distance 0.2–0.4 m from Geological features (open and partly open fractures and crush zones)	0	4	3
Number of PFL anomalies identified within distance 0.2–0.5 m from Geological features (open and partly open fractures and crush zones)	0	0	0
Number of PFL anomalies identified within distance >0.5 m from Geological features (open and partly open fractures and crush zones)	0	0	0
Number of PFL anomalies within a distance of 0.1 m from sealed fractures (broken/unbroken), thus, **not** correlated to open fractures or crush zones	0/0	0/0	1/0
Number of PFL anomalies within a distance of >0.1 m from sealed fractures (broken/unbroken), thus, **not** correlated to open fractures or crush zones	0/0	0/0	0/0

Table III. Boremap data for the PFL-s (5 m sequential measurements) measured interval in KFM08C and KFM10A.

Object	KFM08C	KFM10A
Measured interval in the borehole with PFL-s (m)	102.23–944.10	62.35–493.23
Number of **open fractures** mapped as Total /(Certain/ Probable/Possible) in the PFL-s measured interval	619 (32/196/391)	863 (159/283/421)
Mean fracture frequency of **open fractures** (fractures/m)	0.74	2.00
Number of **partly** open fractures mapped as Total / (Certain/Probable/Possible) in the PFL-s measured interval	56 (23/3/30)	119 (102/9/8)
Mean fracture frequency of **partly open fractures** (fractures/m)	0.07	0.28
Number of **crush zones** in the PFL-s measured interval	1	3
Approx. number of fractures in **crush zones** assuming 40 fractures/m	3.29	5.67
Mean number of fractures in a **crush zone**	3.29	1.89
Mean fracture frequency of **Total open fractures** (All open, partly open and crush zone fractures) (fractures/m)	0.81	2.29
Number of **sealed fractures** mapped as Total /(Certain/ Probable/Possible) in the PFL-s measured interval	3,497 (2,882/613/2)	1,727 (1,714/13/0)
Mean fracture frequency of **sealed fractures** (fractures/m)	4.15	4.01

Table IV. Flow anomalies in KFM08C and KFM10A.

Object	KFM08C	KFM10A
Measured interval in the borehole with PFL-s (m)	102.23–944.10	62.35–493.23
Total Number of PFL anomalies ("Certain"+"Uncertain")	21	56
Number of **PFL anomalies** mapped as **"Certain"**	14	40
Number of **PFL anomalies** mapped in **crush zones**	0	3
Mean feature frequency of **PFL anomalies** (Total) (anomalies/m)	0.025	0.130
Number of crush zones in the PFL-s interval, **Total/No. with one or more PFL-f anomalies**	1/0	3/3
Mean frequency of crush zones with PFL anomalies	0	1
PFL-anomaly connected to a Geological feature (Best Choice), accuracy		
Number of PFL anomalies identified within distance <0.2 m from Geological features (open and partly open fractures and crush zones)	19	55
Number of PFL anomalies identified within distance 0.2–0.4 m from Geological features (open and partly open fractures and crush zones)	1	1
Number of PFL anomalies identified within distance 0.2–0.5 m from Geological features (open and partly open fractures and crush zones)	1	0
Number of PFL anomalies identified within distance >0.5 m from Geological features (open and partly open fractures and crush zones)	0	0
Number of PFL anomalies within a distance of 0.1 m from sealed fractures (broken/unbroken), thus, **not** correlated to open fractures or crush zones	0/0	0/0
Number of PFL anomalies within a distance of >0.1 m from sealed fractures (broken/unbroken), thus, **not** correlated to open fractures or crush zones	0/0	0/0

Contents

1 Introduction

The Difference flow logging and core mapping with the Boremap system were conducted in the core drilled boreholes KFM01D, -07C, -08A, -08C, and -10A at Forsmark during 2005 to 2006.

The locations of the boreholes within the Forsmark area are shown in Figure 1-1.

The results from the Posiva Flow Log/Difference Flow (PFL) method were reported in /Sokolnicki and Rouhianien 2005, Sokolnicki et al. 2006 and Väisäsvaara et al. 2006abc/

Data from PFL, Boremap and BIPS images were obtained from the Sicada database.

Boremap-PFL anomaly correlation for other boreholes are presented in /Forsman et al. 2004, Forssman et al. 2006/.

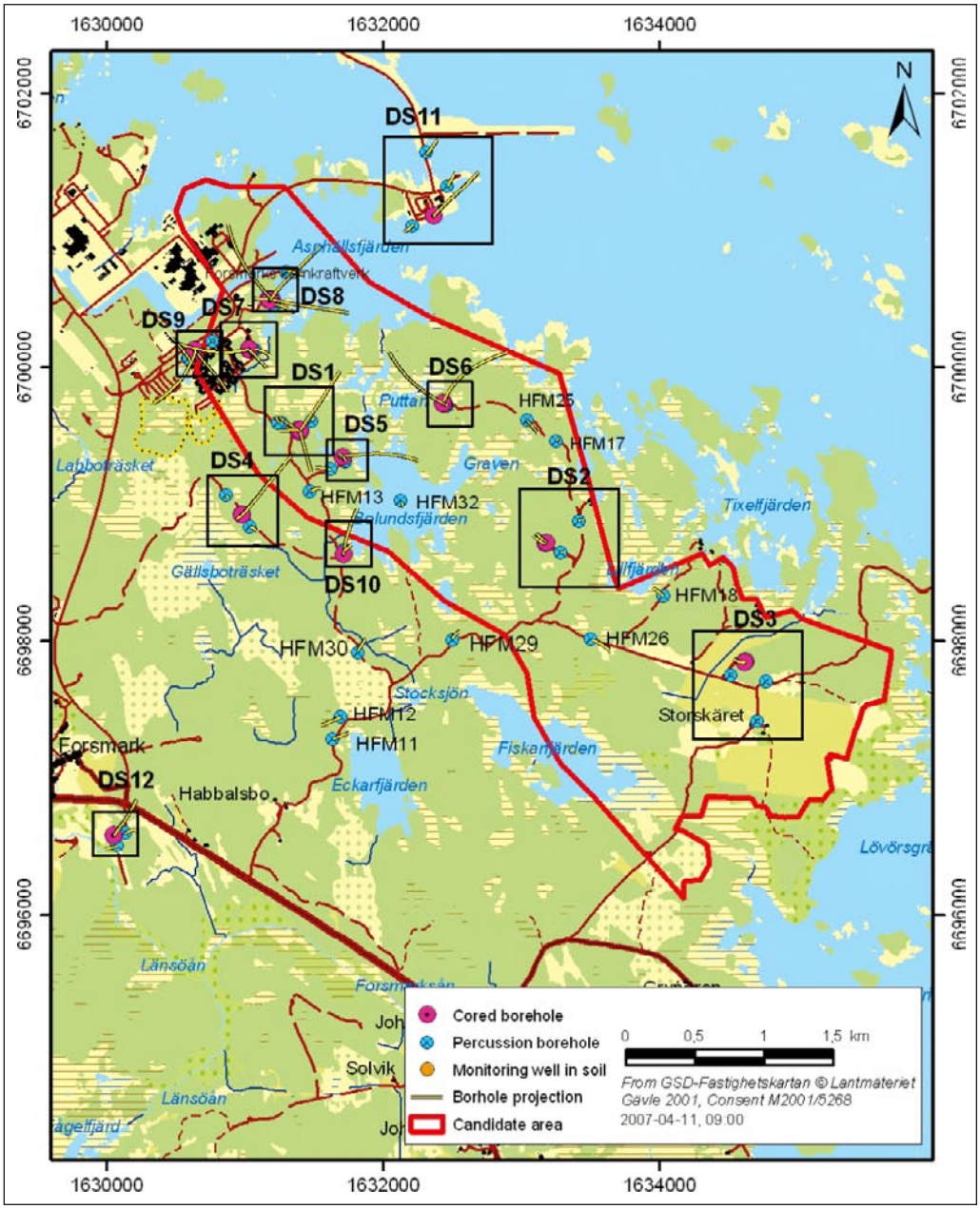


Figure 1-1. *Location of core drilled boreholes KFM01D, -07C, -08A, -08C and -10A (drill sites (DS) 1, 7, 8, 10 respectively) at Forsmark.*

2 Objective and scope

The main objective for the work leading to this report was to identify which geological features mapped as fractures or crush zones that correspond to flow anomalies identified with the Posiva Flow Log/Difference Flow (PFL) method.

The identification of these geological features was made in five core drilled boreholes; KFM01D, -07C, -08A, -08C, and -10A at Forsmark.

The results are presented in this report and have also been deliveed as a database to SKB (indicated as “database” in text below).

3 Methodology

Hydraulically conductive features (flow anomalies) have been correlated to mapped geological features (fractures and/or crush zones). Below, the interpretation methodology is described.

Data used:

1) Boremap data.
2) BIPS images with BDT-files showing mapped features as fractures, crush, foliation etc.
3) Interpretation of Posiva Flow Log (PFL) anomalies from the overlapping measurements.

3.1 Boremap data

The cored boreholes are documented by geological mapping of the core, using the Boremap system and a borehole image of the borehole wall from BIPS (Borehole Image Processing System). All borehole loggings, including BIPS, are length corrected to facilitate correlation between core data and logging data.

3.1.1 Length correction

During drilling, marks are made in the borehole wall approximately every 50 m. These marks are used to make length corrections of all borehole logging and borehole mapping. A caliper tool fitted to the logging unit is used to get a reference for the length correction.

3.1.2 BIPS and BDT files

The Boremap data of geological features in Sicada can be superimposed in the BIPS image using a file with extension BDT. The image of the borehole wall from the BIPS-file may deviate cm–dm from the trace shown with the BDT file, due to that linear correction is made between the drilling marks. In the figures and tables in the appendices it is always the corrected length ("Adjusted secup", not "Secup") in Boremap data that is compared to the PFL flow anomaly position.

It should be noted that the features seen in the BIPS image with traces according to the BDT-file does not only correspond to fractures; rock contacts etc. are displayed in the same way and there is, unfortunately, no indication on the lines of which type of object that is shown.

BIPS resolution, with SKB standard logging procedure, is in the vertical direction approximately 1 mm and in the horizontal direction 0.66 mm in a borehole with diameter 76 mm, the lower detection limit is thus more or less 1 mm. However, sometimes apertures are set to a value within 0.5–1.0 mm for "open" and "partly open" fractures when the geologist estimates the aperture from the BIPS image and the core. In these cases the fracture may be mapped as "1=visible in BIPS" or "0= not visible in BIPS" in column VISIBLE_IN_BIPS(code). The aperture in percussion holes are also estimated from BIPS and should normally be 0 (sealed) or 1 mm or larger. In some cases the geologist has even for percussion holes estimated apertures as small as 0.5 mm.

3.1.3 Boremap and core mapping

Each mapped fracture is first documented as "Broken" or "Unbroken" – depending on how it is found in the core. Each fracture is then classified as "Sealed", "Open" or "Partly open" and with a judgement of how certain the geologist is of this classification: "Certain", "Probable" or Possible". Some old boreholes are mapped according to the Petrocore system and in such cases only unbroken/broken can be used to separate sealed and (possibly) open fractures.

In more detail, the following is made during mapping:

1. If the fracture splits the core it is mapped as broken, otherwise unbroken
2. If an aperture is seen in BIPS and the core is unbroken, the fracture is mapped as partly open. If an aperture is seen in BIPS and the core is broken the fracture is mapped as open. The aperture is mapped in BIPS and is intended to represent an approximate mean aperture (mean aperture as seen on the borehole wall, may not have much to do with hydraulic aperture).
3. Sometimes when the core is broken no aperture is seen in BIPS. If the core pieces fit badly the aperture is set to 0.5 mm and the fracture is mapped as open and probable. If it is a good fit between the pieces and the surfaces are not fresh, the aperture is set to 0.5 mm and the fracture is mapped as open and possible. If there is a good fit between the pieces and the surfaces are fresh, the aperture is set to 0 mm and the fracture is mapped as sealed.

Generally, it is not possible to see in the BIPS picture if a certain fracture is open or not. Some fractures look quite open in the picture, but the database says they are sealed and sometimes even unbroken. Therefore only the information available in the data file is used to determine if a fracture is open or sealed. When evaluating the pictures the focus has been on the ones mapped as "open" in the database, therefore it has not been controlled that all fractures who are said to be "Visible in BIPS" really are visible and the other way around. It is possible to find open, possibly flowing, fractures said to be "Visible in BIPS" which cannot be found in the BIPS picture. These cases have been noted in the appendices. Concerning "Visible in BIPS", the mapping geologist has had better possibilities to identify fracture traces in the BIPS image than people involved in this report.

In the appendix pictures, the resolution is not quite as good as in the BIPS pictures seen using the computer. The pictures in the appendices are also slightly smaller than on the computer screen and include white correlation lines and the arrows we have added. The white correlation line makes it even harder to see if a fracture looks open or not in the appendices (but, as mentioned above, the fracture trace may sometimes not be seen on the computer screen using only the BIPS pictures without the white correlation lines).

It should be quite easy to find the fractures in the database if the appendix pictures are used. In the picture itself, the information about strike, dip and adjusted secup can be found. The adjusted secup could, though, be hard to get if the fracture has high amplitude. Using the text associated with the pictures in the appendix, it should not be a problem, because all fractures correlated to the anomaly are listed in adjusted secup order. **The adjusted secup for a fracture is the mean value of the sinusoidal fracture trace, with all points along the trace expressed as adjusted secup coordinates**. Sometimes there are small deviations between strike and dip in figures in appendix B and in Boremap data mainly due to round off in the BDT-data. It is the values in Boremap data that should be considered as the correct ones.

Due to updates of the borehole orientations and BIPS-tool orientation during 2007 there may also be some difference (generally very small) in the figures in Appendices for the fracture orientation compared to the ones in the database, as updated BIPS images were not available for this evaluation.

3.2 PFL data

After a sequential flow logging (PFL-s) in 5 m sections, flow logging with 1 m section by moving the 1 m section in steps of 0.1 m (PFL-f) is made in PFL-s sections above the measurement limit. See e.g. /Sokolnicki and Rouhianien 2005/ for details.

3.2.1 Position in the borehole of the flow anomaly

The PFL data and corrections made are in detail described in e.g. /Sokolnicki and Rouhianien 2005/.

Accurate length scale of measurements is difficult to achieve in long boreholes. The main cause of inaccuracy is stretching of the logging cable. The stretching depends on the tension of the cable that in turn depends, among other things, on the inclination of the borehole and on the friction of the borehole wall. The cable tension is higher when the borehole is measured when the cable is moving upward. The cables, especially new ones, may also stretch out permanently.

The length marks in the borehole wall (occurring approximately every 50 m) are detected with the SKB caliper tool. The length scale is firstly corrected according to these length marks. Single point resistance (SPR) is also recorded simultaneously with the caliper logging.

Since SPR is recorded during all measurements, all flow measurement sequences can then be length corrected by synchronising the SPR results with the original caliper/SPR measurement.

In spite of the length correction described above, there are still length errors due to following reasons:

1) Point interval in flow measurements is 0.1 m in overlapping mode. This could cause an error ± 0.05 m.
2) The length of the test section is not exact. The specified section length denotes the distance between the nearest upper and lower rubber disks. Effectively, the section length can be longer. At the upper end of the test section there are four rubber disks. The distance between these is 5 cm. This will cause rounded flow anomalies, there may be detected flow already when a fracture is between the upper rubber disks. These phenomena can only be seen with short step length (0.1 m). This could cause an error of ± 0.05 m.
3) Corrections between the length marks can be other than linear. This could cause error ± 0.1 m in the caliper/SPR measurement.
4) SPR curves may be imperfectly synchronized. This could cause error ± 0.1 m

In the “worst case”, the errors of points 1, 2, 3 and 4 above are summed up. The total estimated error for geological features located far from a length mark would then be ± 0.3 m.

Near the length marks the situation is slightly better. In the “worst case”, when the errors of points 1, 2, and 4 above are summed up, the total estimated error would be ± 0.2 m for geological features located near a length mark.

Accurate location is important when different measurements are compared, for instance if the flow logging and BIPS are compared. In that case the situation may not be as severe as the worst case above since parts of the length errors are systematic and the length error is nearly constant for fractures near each other. However, the error of point 1 is of random type.

Fractures nearly parallel with the borehole may also be problematic. Fracture location may be difficult to accurately define in such cases.

3.2.2 Flow anomaly uncertainty

The existence of a flow anomaly is sometime uncertain and in such a case the anomaly is marked ”uncertain” in the database and in the appendices.

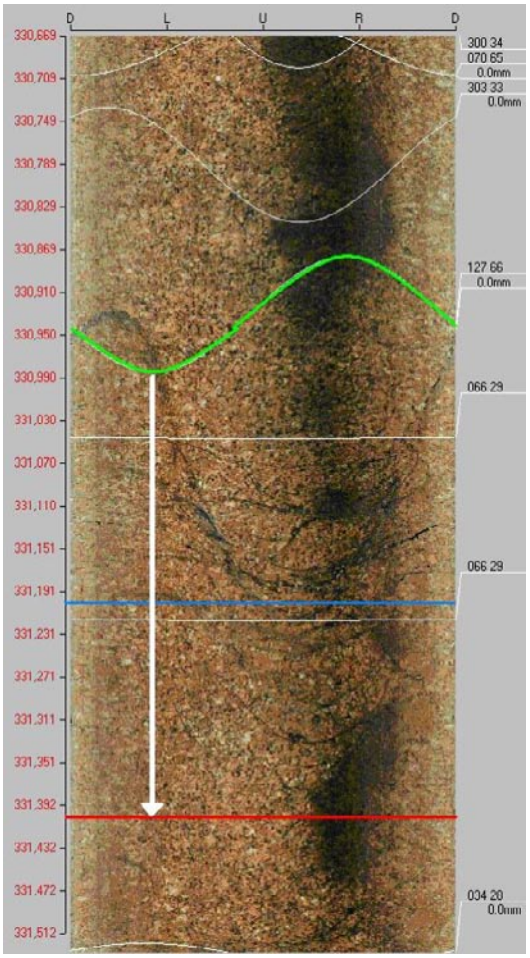
3.3 Correlation of Boremap data and PFL anomalies

Assumptions:

- As a first assumption, the open and partly open fractures as well as crush zones are assumed to be possible flowing features.
- It is assumed that the precision of the position (LA) in the borehole of the PFL- anomaly is not on the dm level. If an open, partly open fracture or crush zone is within ± 0.5 m of a PFL-anomaly, it is assumed that it can correspond to the PFL-anomaly (in a few cases larger differences have been accepted). The parameters added to the database are;
  - **PFL anom (1):** An index set to 1 if geological features possibly can be associated to a PFL-f anomaly (one or several fractures (or crush) are documented as possible flowing features.)
  - **PFL anom. number:** Sequential numbering of PFL-f flow anomalies, starting with 1 for the uppermost flow anomaly in a specific borehole.
  - **PFL anom. confidence:** Judgement of how close (on a dm-scale) the nearest part of the sinusoidal fracture trace is to LA
  - **PFL deviation from L:** The actual deviation (on a dm-scale) of the fractures Adjusted_Secup from LA (defined positive if the fracture is located below LA)
  - **PFL Confidence:** Certain or uncertain, based on PFL measurements
  - **Best Choice fracture and Alternative Best Choice fracture:** The most likely fracture/ crush among the features noted in **PFL anom (1) (**"one or several fractures (or crush) are documented as possible flowing features") that can be associated to a PFL-f anomaly; see below for definition.
- A few **sealed fractures** have been indicated in some boreholes as possible flowing features if the core has been broken AND adjusted secup (Boremap) ≈ LA (Borehole length) for the PFL anomaly AND that no open fracture was <0.6 m from LA, OR that the nearest open fracture is positioned closer than 0.6 m but very well matches another anomaly. When interpreting these broken/sealed fractures, usually only the ones located ± 0.1 m from the anomaly has been mapped. However, in rare occasions, when there are no other opportunities, fractures located at a longer distance have been chosen. These fractures are considered to be very uncertain and may be excluded from the analysis. "PFL anomaly Confidence" is set to zero (0) in the database for these cases (Example 1 and 2).
- Frequently, several **open fractures** are within ±0.2 m of LA for the PFL-anomaly and it is judged that one or all of them may be flowing features. If "FRACT_INTERPRET" is used in the database, the "Certain, Probable, Possible" can be used to judge if one fracture may be more likely to be a flowing feature. (See also the "Best Choice"-discussion below.) In a few cases, the mapped open fractures are so close (< 1cm) that possibly one could consider them as one fracture. In some cases where open fractures have been identified within ±0.2 m of LA, there may be more open fractures at a distance ±0.2–0.5 m that are not included in the database as possible flowing features.

PFL-anom. Confidence

Example 1: KLX06. PFL anomaly no 108



Bh-length, LA (for PFL-anomaly) = 331.40 m (red line)

Adjusted secup (for fracture) = 330.93 m

PFL-anom. confidence= 5

The green line marks the open fracture closest to the anomaly. Since the distance between LA and the adjusted secup is >0,4 m (white arrow), PFL-anomaly confidence is set to 5 and Deviation to –5. Confidence is measured from the nearest trace of the fracture, while Deviation is measured from the adjusted secup to LA.

In a few cases the when the fracture trace have not been shown in the BIPS image, the PFL-anom. Confidence is set to PFL-Deviation from L, but without sign.

Example 2: KLX09B. PFL anomaly no 5

Bh-length, LA (for PFL-anomaly) = 23.80 m

Adjusted secup (for fracture) = 23.84 m

Fract_interpret/Varcode = **sealed/broken**

PFL-anom. confidence = 0

Nearest open fracture secup = 24.13 m

If no open fractures exist in the vicinity (< 0.6 m) of the anomaly, a sealed fracture can be chosen most probable. The attribute should generally be Sealed/broken, indicating a (weak) possibility that it actully can be an open fracture. In a few cases Sealed/unbroken have been used in a few bore-holes but is extremly rare. PFL-anom. Confidence is then 0.

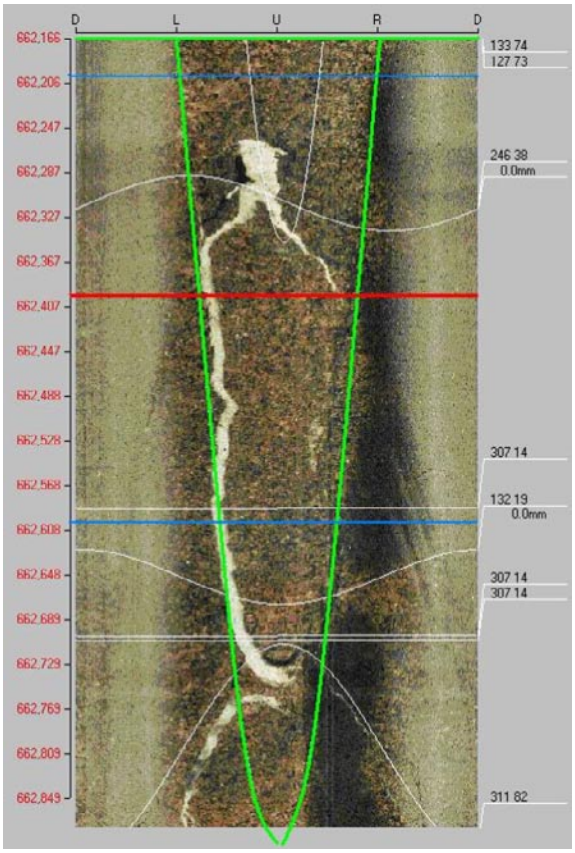
- In some cases several PFL anomalies may be connected to a single geological feature, generally a crush zone but sometimes also an open fracture with a fracture trace with high sinusoidal amplitude. Some PFL-anomalies are located very close to each other Secup-wise; in these cases several fractures with “normal” sinusoidal amplitudes can be correlated to both anomalies. In those cases where a single fracture has been assigned Best choice of several anomalies, a single “1” is put in the core file column for Best Choice fracture and several PFL-anomaly numbers in column PFL “PFL-anom. No”
- Some open, possibly flowing, fractures have very high amplitudes, stretching over up to several metres of the borehole wall. These fractures can, because of their shape, have an influence on the flow conditions quite a long distance from the level indicated by the fractures “adjusted secup”-value. When evaluating the data, these fractures have been given a lower “PFL-anomaly confidence” than suggested only by the distance between the fractures adjusted secup and the level of the PFL anomaly. **PFL-anomaly confidence is measured from the nearest trace of the fracture, while Deviation is measured from the adjusted secup to the position LA of the PFL anomaly** (see Example 1). If the fracture cuts the level of the PFL-anomaly, the PFL-anomaly confidence is set to one (1, which is the highest confidence), independent of how long the distance between the adjusted secup value and the level of the anomaly is. To be consequent, some fractures with high amplitudes that **almost** (± 0.2 m) cut the PFL-anomaly level have also been included in the analysis. The PFL-anomaly confidence has been set to 2 in these cases, even if the trace is closer than 1 dm from the adjusted secup of the anomaly (Example 3). However, in some cases the PFL-anomaly confidence has been set to 1 if the trace is closer than 1 dm from the adjusted secup of the anomaly.

High amplitude

Example 3: KLX03. PFL anomaly no 38

Bh-length, LA (for PFL-anomaly) = 662.40 m
Adjusted secup (for fracture) = 662.17 m
PFL-anom. confidence= 1

The distance between adjusted secup of the fracture (green line on top) and the anomaly (red line) is further away than ±0,2 m (blue lines). However, because of its high amplitude, the fracture cuts the anomaly: PFL-anom. Confidence = 1.



- For each PFL-anomaly ONE fracture is chosen as the most probable to represent the PFL-anomaly, which is marked as "**Best Choice fracture**" in the data base. The reason for this is that several fractures may represent a single PFL-anomaly according to the criteria stated above. Similar choices are made for crush zones (Best Choice Crush: See Example 4). The choice is made in the following order:
  1. If the aperture of the fracture is **visible** in the BIPS image, mapped as **"open" and "certain"** and the fracture trace for the fracture is within ±0.2 m from the PFL-anomaly, the fracture is chosen. If two or more fractures are at the same distance from the PFL-anomaly, the uppermost listed in the data file is chosen. However, if one LOOKS more plausible viewing the BIPS image, than the other, that one is chosen. This decision is based on the judgement that the chosen fracture´s aperture seems more open than others.
  2. Criterion 1 is not satisfied. If the fractures aperture is **NOT visible** in the BIPS image, mapped as **"open" and "certain"** and that the fracture trace for the fracture is within ±0.2 m from the PFL-anomaly, the fracture is chosen. If two or more fractures are at the same distance from the PFL-anomaly, the uppermost listed in the data file is chosen.
  3. Criteria 1and 2 are not satisfied. If the fractures aperture is **NOT visible** in the BIPS image, mapped as **"open" and "probable"** and that the fracture trace for the fracture is within ±0.2 m from the PFL-anomaly, the fracture is chosen. If two or more fractures are at the same distance from the PFL-anomaly, the uppermost listed in the data file is chosen.
  4. Criteria 1–3 are not satisfied. If the fractures aperture is **NOT visible** in the BIPS image, mapped as **"open" and "possible"** and that the fracture trace for the fracture is within ±0.2 m from the PFL-anomaly, the fracture is chosen. If two or more fractures are at the same distance from the PFL-anomaly, the uppermost listed in the data file is chosen.
  5. Criteria 1–4 are not satisfied. If the fractures aperture is **NOT visible** in the BIPS image, mapped as **"sealed" and "broken"** and that the fracture trace for the fracture is within ±0.2 m from the PFL-anomaly, the fracture is chosen. If two or more fractures are at the same distance from the PFL-anomaly, the uppermost listed in the data file is chosen.
  6. Criteria 1–5 are not satisfied, the nearest of the other identified fractures that possibly corresponds to the PFL-anomaly, is chosen as "Best Choice fracture".

When the criteria above are considered: **If several fractures with the above attributes are within ±0.2 m from the PFL-anomaly, the fracture closest to the PFL-anomaly is chosen as "Best Choice fracture"** among the features noted in **PFL anom (1) (**"one or several fractures (or crush) are documented as possible flowing features")**. The other fractures are notified in the database as "alt BC fr".** The number in "alt BC fr" column gives the number of fractures that satisfies the above criteria. (It is thus possible to search for the cases where it is more or less impossible to make a single fracture as "Best Choice fracture".) However, if one LOOKS more plausible viewing the BIPS image, than the other, that one is chosen as **"Best Choice fracture".**.

Best choice

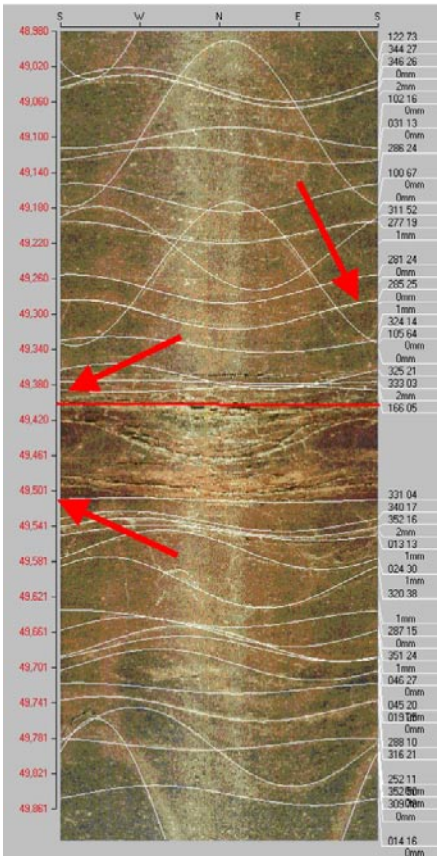
Example 4: KLX09B PFL anomaly no 19

Bh-length LA (for PFL-anomaly) = 49.40 m
Adjusted secup (for fracture) = 49.30 m
Fract_interpret/Varcode = open fracture
Best choice fracture (or just **Best Choice)**

Adjusted secup – seclow = 49.38–49.51 m
Fract_interpret/Varcode = crush zone
Best choice crush

In some cases both a fracture and a crush zone is as plausible as an explanation to an anomaly. Then both are documented as Best choice (if they are both within ±0.2 m from the PFL-anomaly).

The red arrows pointing at the length scale show the secup and seclow of the crush. (Always red arrows for crushes.) The red arrow pointing at the white trace is the Best choice fracture. The red horizontal line is the LA for the flow anomaly.



If a crush zone is present within ±0.2 m from the PFL-anomaly, "**Best Choice crush**" is chosen. If two crush zones are at the same distance from the PFL-anomaly, the uppermost is chosen. This choice is made in addition to the "Best Choice Fracture" procedure described above. **It may therefore happen that there is a best choice both for a fracture and a crush zone. This has to be examined by the user of the data base (Example 4), but possibly the best choice is to associate the PFL-f anomaly to the crush as there is a tendency that a large number of crush are flowing features.** If several crush zones are within ±0.2 m from the PFL-anomaly, the crush closest to the PFL-anomaly is chosen as "Best Choice crush". The other crush zones are notified in the data base as "alt BC crush". The number in alt BC crush" column gives the number of crush zones that satisfies the above criteria. (It is thus possible to search for the cases where it is more or less impossible to make a single crush zone as "best choice crush".)

Alternative Best choice

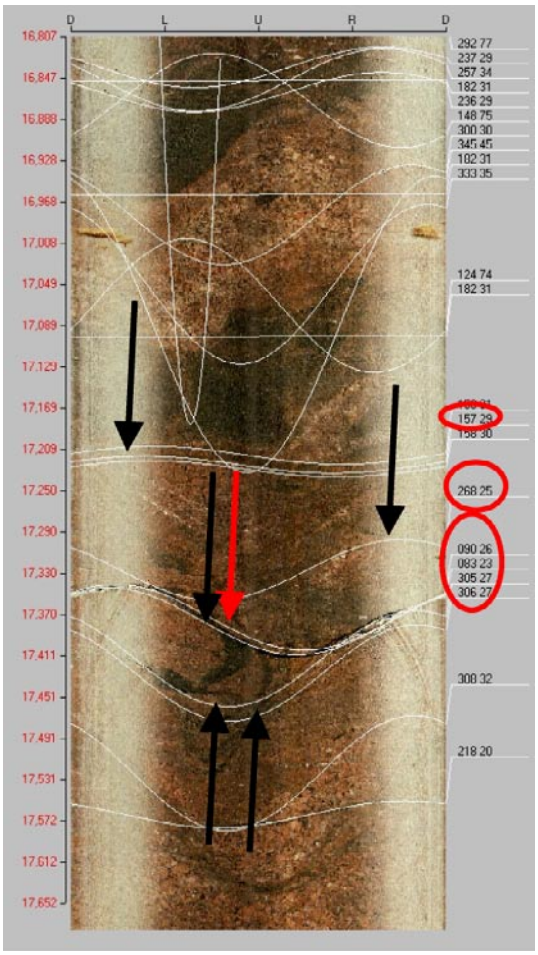
Example 5: KLX09F. PFL anomaly no 5c and 5d.
Bh-length LA (for PFL-anomaly) = 17.20 m

5c Adjusted secup (for fracture) = 17.37 m
Best choice
5d Adjusted secup = 17.38 m
Fract_interpret/Varcode = open fracture
Frac.interp. confidence = Certain
PFL-anom. confidence = 2

Two identical fractures, both certain, close to each other and both candidates to be the best choice. This is an obvious case where alternative best choice is assigned.

If 3 fractures carry the same attributes (Fract interpretation, Fract. Confidence, PFL Confidence and Deviation) the upper fracture is chosen Best choice and all of the fractures are given the number 3 as alt. best choice in the database. Thus, the number in column "alt BC fr" can be used to search for these cases and get a view on how frequent "alt BC fr" is and then how many fractures are involved.

Red arrow shows Best Choice. Black arrows are used for Alt-Best choice fractures and possible other fractures. (Alt-Best choice fractures and other possible fractures are for some boreholes not shown in appendices (but in data base) as the figures become less readable due to all the black arrows. Red rings around the orientation indicate the fractures considered possible, including Best choice.)



3.4 Example of data presentation

In Figure 3-1 an example is shown on how parts of the results are presented. Below some comments are made on how to interpret the figure.

3.4.1 Flow indication confidence levels for open fractures (PFL confidence)

The classification of "flow indication level of confidence", equal to the "PFL-anomaly confidence", is defined as the distance between the anomaly and the interpreted fracture trace. That is, if the anomaly has a flow indication in class 1, the interpreted fracture is within 1 dm from the anomaly. In the same way, the anomaly has the flow indication class 2, if the interpreted fracture is within 2 dm from the anomaly. Four classes have been defined;

Class 1 0–1 dm

Class 2 1–2 dm

Class 3 2–3 dm

Class 4 3–4 dm

Class 5 4–5 dm (*not plotted*)

This classification is used in the figures in this report. In the database, only the numbers (1–5) are used to describe the PFL confidence. Features with PFL confidence > 4 are rare and considered to be non-significant and are not plotted in the diagrams as the one with confidence 1–4.

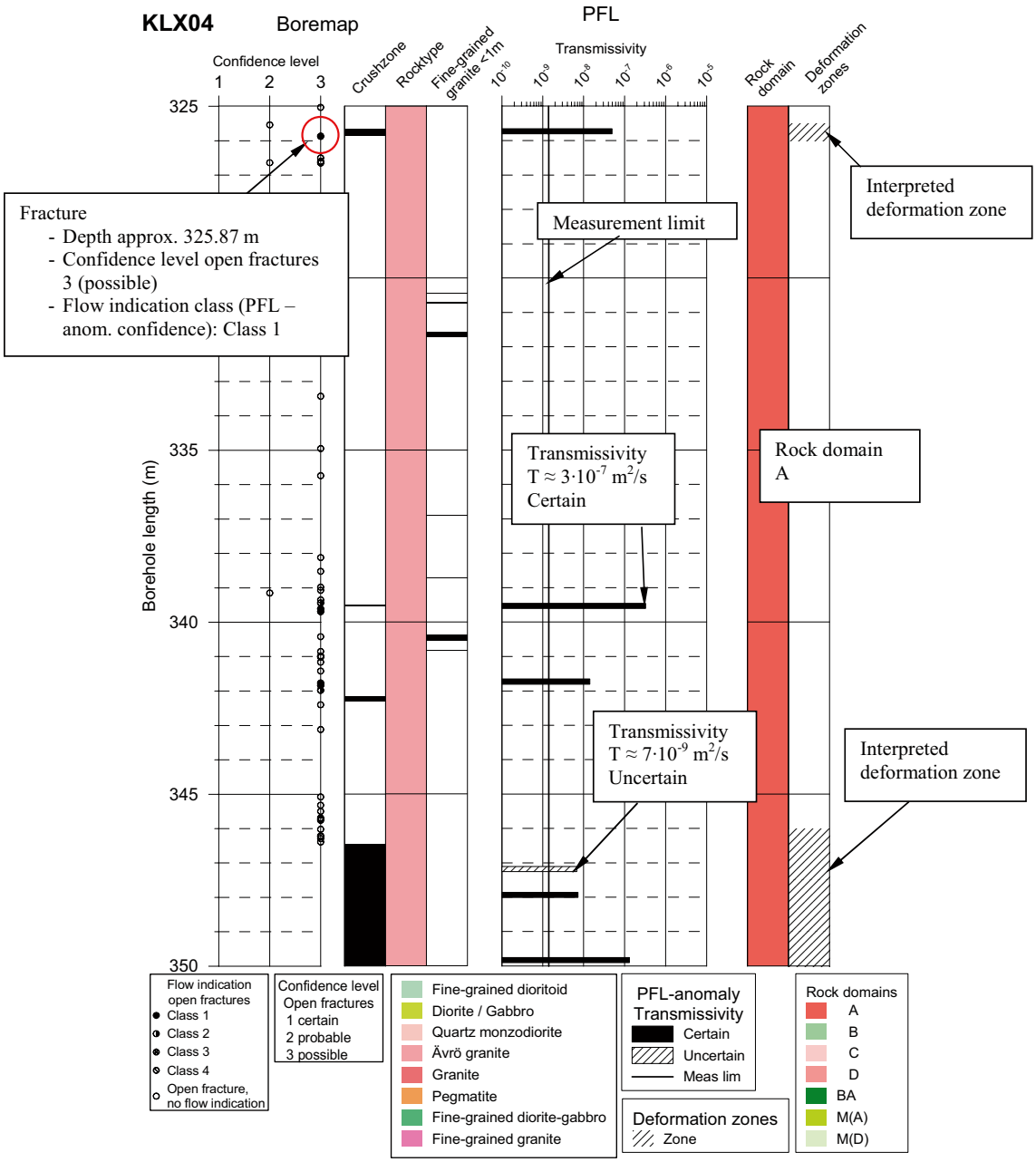


Figure 3-1. *Example of a borehole diagram including an interpretation of the flow anomalies and mapped open fractures.*

3.4.2 Confidence level open fractures

The confidence level for open fractures describes the certainty with which the fracture is interpreted. In this report, three levels of confidence in the Sicada database are used;

Level 1 Certain

Level 2 Probable

Level 3 Possible

3.4.3 Database nomenclature

The interpretation of how the PFL anomalies are linked to mapped fractures or crush has been added to the original Boremap and PFL anomaly files provided by SKB. In Tables 3-1 to 3-4 the structure and explanations are shown.

Table 3-1. Structure of essential columns in the database of fractures.

No	Column name in database	Content	Originally in Boremap file	Interpretation of PFL anomalies
1	FRACT_MAPPED	Broken/Unbroken, as found in core.	X	
2	FRACT_INTERPRET	Sealed/Open/Partly open, judgement by the geologist.	X	
3	FRACT_INTERPRET No	1=Sealed/2=open/3= partly open . For Petrocore data: 1= Unbroken (assumed be sealed), 4= Broken, can probably be assumed to be open.		(added sorting No)
4	APERTURE (mm)	Estimation of aperture from BIPS image.	X	
5	VISIBLE_IN_BIPS (code)	1= Visible in BIPS/0=Not visible in BIPS.	X	
6	CONFIDENCE	Certain/Probable/Possible, judgement by the geologist of the interpretation of FRACT_INTERPRET.	X	
7	CONFIDENCE No	1=Certain/2=Probable/3=Possible, based on CONFIDENCE for the fracture.		(added sorting No)
8	PFL anom (1)	An index set to 1 if geological features possibly can be associated to a PFL-f anomaly (one or several fractures (or crush) are documented as possible flowing features.)		X
9	PFL-anom. No	PFL No in the PFL-f-anomaly file that is used together with the IDCODE for the borehole to identify PFL-f-anomaly properties. (Sequential numbering of PFL-f flow anomalies, starting with 1 for the uppermost flow anomaly in a specific borehole.)		X
10	PFL-anom. Confidence	A number showing the **shortest distance in dm between the geological features trace and the PFL-f anomaly position LA**. If =0 then it is a sealed fracture that is broken or unbroken that is linked to the PFL-f anomaly and the interpretation is considered uncertain.		X
11	PFL-Deviation from L (+ downwards, dm)	A number showing the distance in dm between the **geological features adjusted secup and the position LA** of the PFL-f anomaly. **If positive** it indicates that the **geological feature is below the PFL-f anomaly.**		X
12	PFL-CONFIDENCE	Certain/Uncertain, judgement by the performer and reporter of the PFL-f measurements how certain the interpreted PFL-f anomaly was.		X
14	PFL-CONFIDENCE No	1=Certain/2= Uncertain, based on PFL-CONFIDENCE.		X
15	Best Choice frac	The fracture that most probable corresponds to a PFL-f-anomaly is given No=1 (BC: Best Choice)		X
16	Alt BC fr	If several fractures of the same character are within ± 0.2 m from the PFL-f-anomaly that could be chosen as “Best Choice fracture”, the observation is notified with a number in the column, and the number indicates how many fractures that could be chosen as “Best Choice fracture”.		X
17	ADJUSTED SECUP (m)	The mid point of a feature trace that generally has a sinusoidal shape on the BIPS image.	X	
18	STRIKE (degrees)	Strike of the fracture.	X	
19	DIP (degrees)	Dip of the fracture.	X	

Table 3-2. Structure of essential columns in the database of crush zones.

No	Column name in database	Content	Originally in Boremap file	Interpretation of PFL anomalies
1	VARCODE	Crush Zone	X	
8	PFL anom (1)	An index set to 1 if geological features possibly can be associated to a PFL-f anomaly (one or several fractures (or crush) are documented as possible flowing features.)		X
9	PFL-anom. No	PFL No in the PFL-f-anomaly file that is used together with the IDCODE for the borehole to identify PFL-f-anomaly properties. (Sequential numbering of PFL-f flow anomalies, starting with 1 for the uppermost flow anomaly in a specific borehole.)		X
10	PFL-anom. Confidence	A number showing the **shortest distance in dm between the geological features trace and the PFL-f anomaly position LA**.		X
11	PFL-Deviation fr. L (+ downwards, dm)	A number showing the distance in dm between the **geological features adjusted secup and the position LA** of the PFL-f anomaly. **If positive** it indicates that the **geological feature is below the PFL-f anomaly.**		X
12	PFL-CONFIDENCE	Certain/Uncertain, judgement by the performer and reporter of the PFL-f measurements how certain the interpreted PFL-f anomaly was.		X
14	PFL-CONFIDENCE No	1=Certain/2= Uncertain, based on PFL-CONFIDENCE.		(added sorting No)
15	Best Choice crush	The crush that most probable corresponds to a PFL-anomaly is given No=1		X
16	Alt BC crush	If several crush are within ± 0.2 m from the PFL-anomaly that could be chosen as “Best Choice crush”, the observation is notified with a number in the column, and the number indicates how may crush zones that could be chosen as “Best Choice crush		X
17	ADJUSTED SECUP (m)	The mid point of the upper part of the crush zone trace that generally have a sinusoidal shape on the BIPS image.	X	
18	ADJUSTED SECLOW (m)	The mid point of the lower part of the crush zone trace that generally has a sinusoidal shape on the BIPS image.	X	
19	STRIKE (degrees)	Strike of first fracture set	X	
20	DIP (degrees)	Dip of first fracture set	X	

Table 3-3. Structure of essential columns in the database of PFL anomalies.

No	Column name in database	Content	Originally in PFL-anomaly file	Interpretation of PFL anomalies
1	PFL-anom. No	PFL No in the PFL-f-anomaly file that is used together with the IDCODE for the borehole to identify PFL-f-anomaly properties. (Sequential numbering of PFL-f flow anomalies, starting with 1 for the uppermost flow anomaly in a specific borehole.)		x
2	LA	Position if flow anomaly along the borehole (same starting coordinate as for “secup, seclow in fracture and crush files)	X	
3	TRANSMISSIVITY_TDA	Estimated transmissivity of flow anomaly	X	
4	VALUE_TYPE_TDA	0: value within range for test equipment. –1: value at or below measurement limit, +1 value at or above measurement limit.	X	
5	PFL-CONFIDENCE	Estimation of how certain the existence of the flow anomaly is		(based on column comments)
6	PFL-CONFIDENCE No	Index based on PFL-CONFIDENCE		(added sorting No)

4 KFM01D

The borehole KFM01D at Forsmark, Sweden, was measured in May and June 2006. It was flow logged with PFL using 5 m test sections in borehole section interval 83.59 to 793.90 m (PFL-s). Flow logging for flow anomalies was made in the 1 m test sections (PFL-f) in PFL-s sections with measurable flow rates. Upper most section in the borehole for statistics is the lower position of the cone in the borehole: 91.43 m.

The borehole includes 34 PFL-anomalies, of which 29 are mapped as “certain”. 10 of the anomalies have been correlated to a single fracture. No anomalies have been correlated to the borehole sections maped as crush zones.

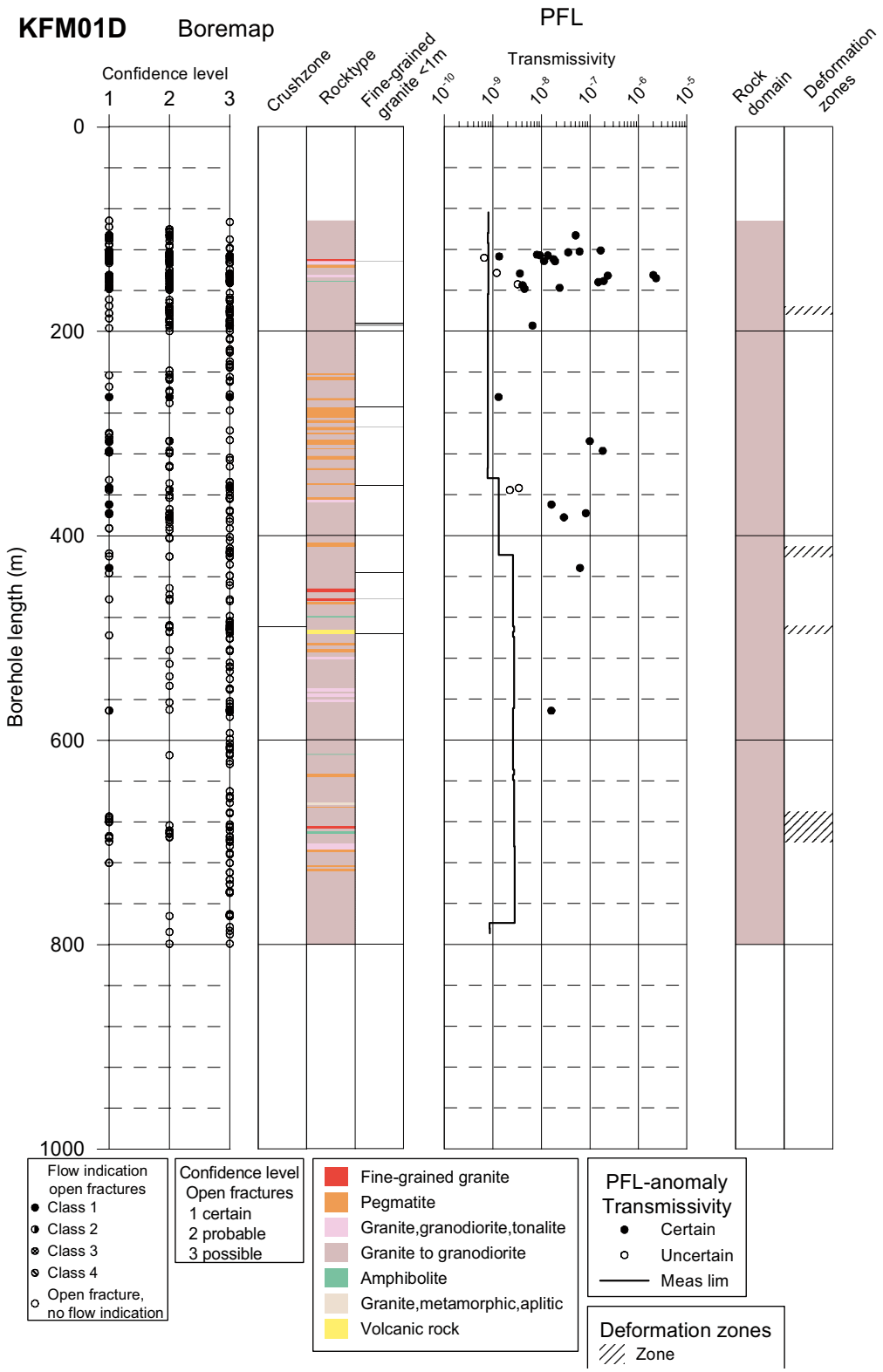


Figure 4-1. *Correlations of hydraulic features based on PFL-f measurements, to mapped open/partly open fractures (all plotted as open fractures above) or crush zones in KFM01D. Interpreted deformation zones and Rock Domains shown to the right. Fractures with PFL-anom confidence (flow indication class above) > 4 are not plotted.*

Table 4-1. Boremap data for the PFL-s measured interval in KFM01D.

Object	KFM01D
Measured interval in the borehole with PFL-s (m)	91.43–793.90
No of **open fractures** mapped as Total /(Certain/Probable/Possible) in the PFL-**s** measured interval	428 (78/168/182)
Mean fracture frequency of **open fractures** (fractures/m)	0.61
No of **partly** open fractures mapped as Total /(Certain/Probable/Possible) in the PFL-s measured interval	37 (21/9/7)
Mean fracture frequency of **partly open fractures** (fractures/m)	0.05
No of **crush zones** in the PFL-s measured interval	1
Approx. no of fractures in **crush zones** assuming 40 fr./m	0.48
Mean no of fractures in a **crush zone**	0.48
Mean fracture frequency of **Total open fractures** (All open, partly open and crush zone fractures) (features/m)	0.66
No of **sealed fractures** mapped as Total /(Certain/Probable/Possible) in the PFL-s measured interval	1,164 (877/286/1)
Mean fracture frequency of **sealed fractures** (fractures/m)	1.66

Table 4-2. Flow anomalies in KFM01D.

Object	KFM01D
Measured interval in the borehole with PFL-s (m)	91.43–793.90
Total No of PFL anomalies (“Certain”+”Uncertain”)	34
No of **PFL anomalies** mapped as **“Certain”**	29
No of **PFL anomalies** mapped in **crush zones**	0
Mean feature frequency of **PFL anomalies** (Total) (anomalies/m)	0.048
No of crush zones in the PFL-s interval, **Total/No. with one or more PFL-f anomalies**	1/0
Mean frequency of crush zones with PFL anomalies	0
PFL-anomaly connected to a Geological feature (Best Choice), accuracy	
Number of PFL anomalies identified within distance <0.2 m from Geological features (open and partly open fractures and crush zones)	34
Number of PFL anomalies identified within distance 0.2–0.4 m from Geological features (open and partly open fractures and crush zones)	0
Number of PFL anomalies identified within distance 0.2–0.5 m from Geological features (open and partly open fractures and crush zones)	0
Number of PFL anomalies identified within distance >0.5 m from Geological features (open and partly open fractures and crush zones)	0
Number of PFL anomalies within a distance of 0.1 m from sealed fractures (broken/unbroken), thus, **not** correlated to open fractures or crush zones	0/0
Number of PFL anomalies within a distance of >0.1 m from sealed fractures (broken/unbroken), thus, **not** correlated to open fractures or crush zones	0/0

5 KFM07C

The borehole KFM07C at Forsmark, Sweden, was measured in August and September 2006. It was flow logged with PFL using 5 m test sections in borehole section interval 93.21 to 493.32 m (PFL-s). Flow logging for flow anomalies was made in the 1 m test sections (PFL-f) in PFL-s sections with measurable flow rates. Upper most section in the borehole for statistics is the lower position of the cone in the borehole: 98.39 m.

The borehole includes 15 PFL-anomalies, of which 13 are mapped as “certain”. 6 of the anomalies have been correlated to a single fracture. No anomalies have been correlated to the borehole sections mapped as crush zones.

In one case, a single open fracture may have influence on several flow anomalies (no 14 and 15); this is noted specifically in the data file. The fracture chosen Best choice for both anomalies, are close to parallel to the borehole, i.e. they are visible as sinusoidal waves of high amplitude. There is a fracture with adjusted secup 278.93 m (PFL Confidence 3) that might correlate to anomaly no 14. Since it is judged as Possible, it is not considered though.

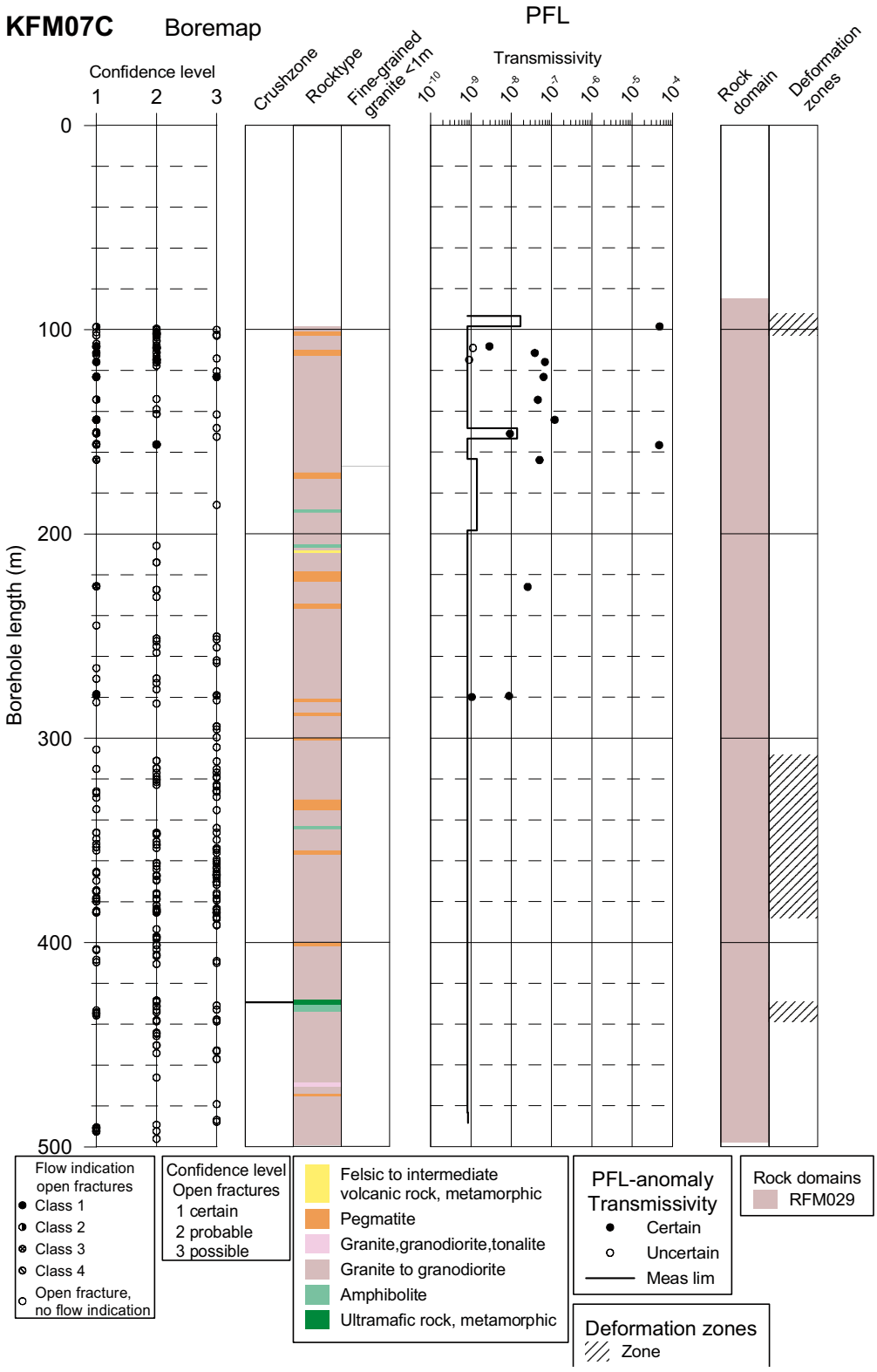


Figure 5-1. *Correlations of hydraulic features based on PFL-f measurements, to mapped open/partly open fractures (all plotted as open fractures above) or crush zones in KFM07C. Interpreted deformation zones and Rock Domains shown to the right. Fractures with PFL-anom confidence (flow indication class above) > 4 are not plotted.*

Table 5-1. Boremap data for the PFL-s measured interval in KFM07C.

Object	KFM07C
Measured interval in the borehole with PFL-s (m)	98.39–493.32
No of **open fractures** mapped as Total /(Certain/Probable/Possible) in the PFL-**s** measured interval	239 (42/113/84)
Mean fracture frequency of **open fractures** (fractures/m)	0.61
No of **partly** open fractures mapped as Total /(Certain/Probable/Possible) in the PFL-s measured interval	45 (36/2/7)
Mean fracture frequency of **partly open fractures** (fractures/m)	0.11
No of **crush zones** in the PFL-s measured interval	1
Approx. No of fractures in **crush zones** assuming 40 fr./m	16.66
Mean No of fractures in a **crush zone**	16.66
Mean fracture frequency of **Total open fractures** (All open, partly open and crush zone fractures) (features/m)	0.76
No of **sealed fractures** mapped as Total /(Certain/Probable/Possible) in the PFL-s measured interval	1,462 (1,082/380/0)
Mean fracture frequency of **sealed fractures** (fractures/m)	3.70

Table 5-2. Flow anomalies in KFM07C.

Object	KFM07C
Measured interval in the borehole with PFL-s (m)	98.39–493.32
Total No of PFL anomalies (“Certain”+”Uncertain”)	15
No of **PFL anomalies** mapped as **“Certain”**	13
No of **PFL anomalies** mapped in **crush zones**	0
Mean feature frequency of **PFL anomalies** (Total) (anomalies/m)	0.038
No of crush zones in the PFL-s interval, **Total/No. with one or more PFL-f anomalies**	1/0
Mean frequency of crush zones with PFL anomalies	0
PFL-anomaly connected to a Geological feature (Best Choice), accuracy	
Number of PFL anomalies identified within distance <0.2 m from Geological features (open and partly open fractures and crush zones)	11
Number of PFL anomalies identified within distance 0.2–0.4 m from Geological features (open and partly open fractures and crush zones)	4
Number of PFL anomalies identified within distance 0.2–0.5 m from Geological features (open and partly open fractures and crush zones)	0
Number of PFL anomalies identified within distance >0.5 m from Geological features (open and partly open fractures and crush zones)	0
Number of PFL anomalies within a distance of 0.1 m from sealed fractures (broken/unbroken), thus, **not** correlated to open fractures or crush zones	0/0
Number of PFL anomalies within a distance of >0.1 m from sealed fractures (broken/unbroken), thus, **not** correlated to open fractures or crush zones	0/0

6 KFM08A

The borehole KFM01D at Forsmark, Sweden, was measured in June 2005. It was flow logged with PFL using 5 m test sections in borehole section interval 94.60 to 915.83 m (PFL-s). Flow logging for flow anomalies was made in the 1 m test sections (PFL-f) in PFL-s sections with measurable flow rates. Upper most section in the borehole for statistics is the lower position of the cone in the borehole: 102.26 m.

The borehole includes 41 PFL-anomalies, of which 30 are mapped as “certain”. 16 of the anomalies have been correlated to a single fracture. In one case, a single open fracture may have influence on several flow anomalies (no 12 and 13); this is noted specifically in the data file. No anomalies have been correlated to the borehole sections mapped as crush zones.

In one case, no 38, the anomaly could only be correlated to a fracture sealed and broken.

For fracture 25c data was found in Sicada-Boremap file, but not visualised wih BDT file.

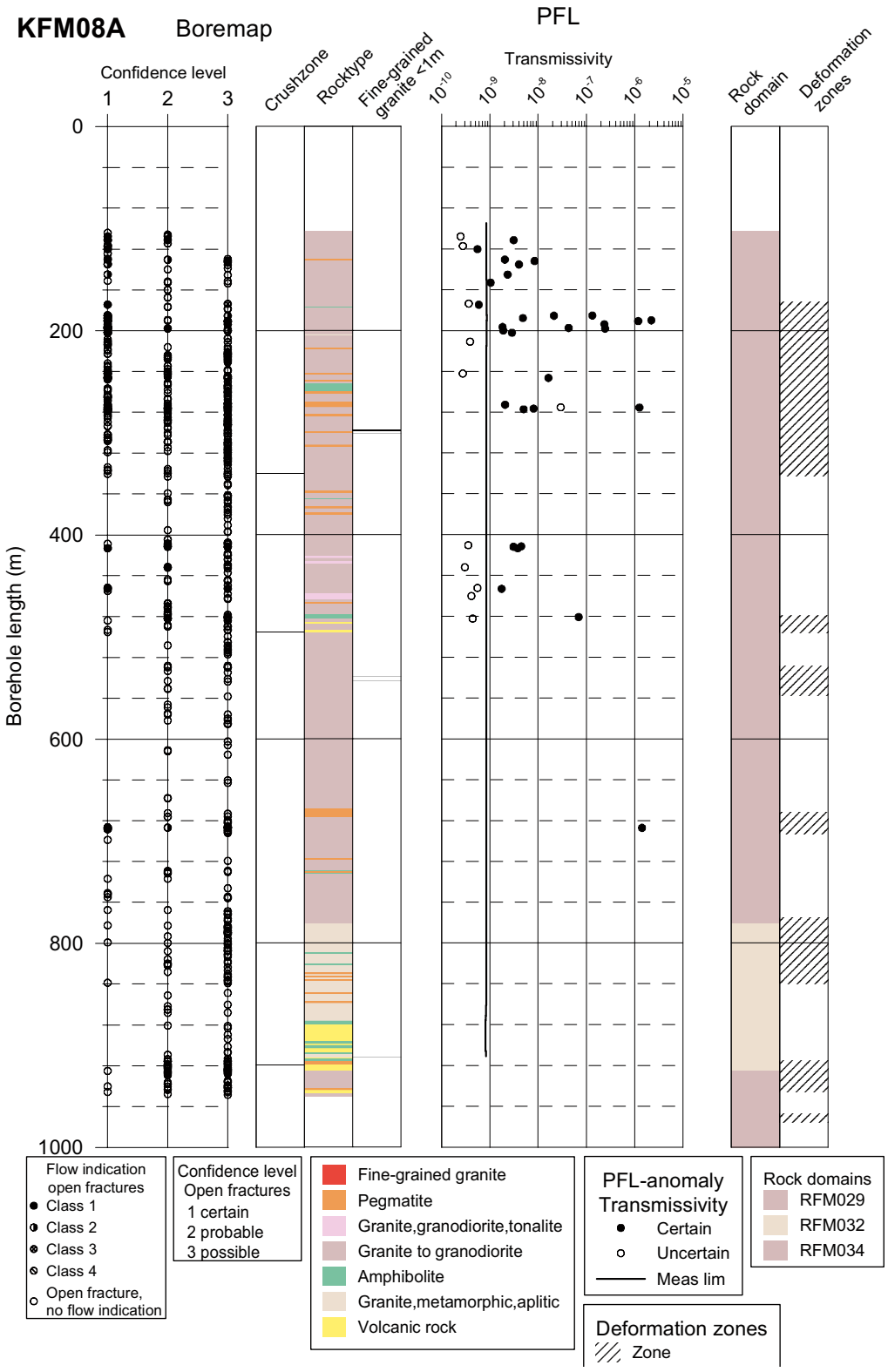


Figure 6-1. *Correlations of hydraulic features based on PFL-f measurements, to mapped open/partly open fractures (all plotted as open fractures above) or crush zones in KFM08A. Interpreted deformation zones and Rock Domains shown to the right. Fractures with PFL-anom confidence (flow indication class above) > 4 are not plotted.*

Table 6-1. Boremap data for the PFL-s measured interval in KFM08A.

Object	KFM08A
Measured interval in the borehole with PFL-s (m)	102.26–915.83
No of **open fractures** mapped as Total /(Certain/Probable/Possible) in the PFL-s measured interval	602 (119/176/307)
Mean fracture frequency of **open fractures** (fractures/m)	0.74
No of **partly** open fractures mapped as Total /(Certain/Probable/Possible) in the PFL-s measured interval	45 (27/2/16)
Mean fracture frequency of **partly open fractures** (fractures/m)	0.06
No of **crush zones** in the PFL-s measured interval	2
Approx. No of fractures in **crush zones** assuming 40 fr./m.	0.48
Mean No of fractures in a **crush zone**	0.24
Mean fracture frequency of **Total open fractures** (All open, partly open and crush zone fractures)	0.80
No of **sealed fractures** mapped as Total /(Certain/Probable/Possible) in the PFL-a measured interval	3,357 (2,727/623/7)
Mean fracture frequency of **sealed fractures** (fractures/m)	4.13

Table 6-2. Flow anomalies in KFM08A.

Object	KFM08A
Measured interval in the borehole with PFL-s (m)	102.26–915.83
Total No of PFL anomalies (“Certain”+”Uncertain”)	41
No of **PFL anomalies** mapped as **“Certain”**	30
No of **PFL anomalies** mapped in **crush zones**	0
Mean feature frequency of **PFL anomalies** (Total) (anomalies/m)	0.050
No of crush zones in the PFL-s interval, **Total/No. with one or more PFL-f anomalies**	2/0
Mean frequency of crush zones with PFL anomalies	0
PFL-anomaly connected to a Geological feature (Best Choice), accuracy	
Number of PFL anomalies identified within distance <0.2 m from Geological features (open and partly open fractures and crush zones)	37
Number of PFL anomalies identified within distance 0.2–0.4 m from Geological features (open and partly open fractures and crush zones)	3
Number of PFL anomalies identified within distance 0.2–0.5 m from Geological features (open and partly open fractures and crush zones)	0
Number of PFL anomalies identified within distance >0.5 m from Geological features (open and partly open fractures and crush zones)	0
Number of PFL anomalies within a distance of 0.1 m from sealed fractures (broken/unbroken), thus, **not** correlated to open fractures or crush zones	1/0
Number of PFL anomalies within a distance of >0.1 m from sealed fractures (broken/unbroken), thus, **not** correlated to open fractures or crush zones	0/0

7 KFM08C

The borehole KFM08C at Forsmark, Sweden, was measured in June 2006. It was flow logged with PFL using 5 m test sections in borehole section interval 83.16 to 944.10 m (PFL-s). Flow logging for flow anomalies was made in the 1 m test sections (PFL-f) in PFL-s sections with measurable flow rates. Upper most section in the borehole for statistics is the lower position of the cone in the borehole: 102.23 m.

The borehole includes 21 PFL-anomalies, of which 14 are mapped as “certain”. 10 of the anomalies have been correlated to a single fracture. In one case, no 1, the anomaly could only be correlated to a fracture sealed and broken.

In the BIPS picture, anomaly no 10 seems to have a well correlating fracture within 0.1 m (PFL-anom. Confidence = 1). This fracture is not registered in the Sicada-Boremap file though. According to the Sicada-Boremap file, the closest open fracture is 0.75 m away from the registered flow anomaly (PFL-anom. Confidence = 8). In the Difference flow logging in borehole KFM08C /Väisäsvaara et al. 2006b/. the flow rate at this borehole length decreases unevenly, resembling the pattern of leakage. The graph of single point resistance measurement also displays an irregular pattern. The Geological single-hole interpretation of KFM08C /Carlsten et al. 2006/ states that “Altered vuggy rock occurs in association with oxidation along the following intervals: 454.96–462.50 m /…/.”, which is the area in question. This might be the explanation.

For fracture 18f data was found in Sicada-Boremap file, but not visualised with BDT file. No anomalies have been correlated to the borehole sections mapped as crush zones.

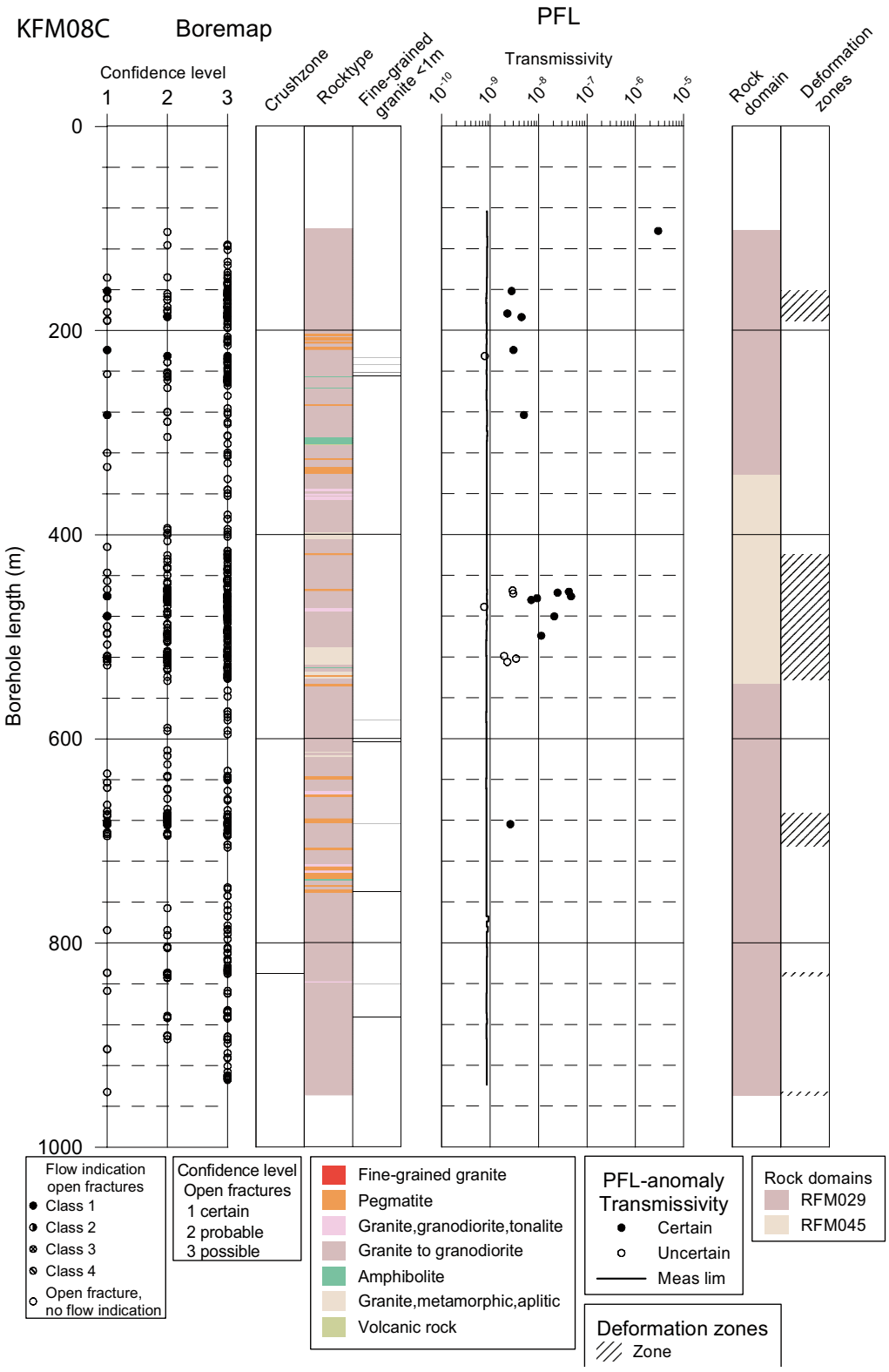


Figure 7-1. *Correlations of hydraulic features based on PFL-f measurements, to mapped open/partly open fractures (all plotted as open fractures above) or crush zones in KFM08C. Interpreted deformation zones and Rock Domains shown to the right. Fractures with PFL-anom confidence (flow indication class above) > 4 are not plotted.*

Table 7-1. Boremap data for the PFL-s measured interval in KFM08C.

Object	KFM08C
Measured interval in the borehole with PFL-s (m)	102.23–944.10
No of **open fractures** mapped as Total /(Certain/Probable/Possible) in the PFL-**s** measured interval	619 (32/196/391)
Mean fracture frequency of **open fractures** (fractures/m)	0.74
No of **partly** open fractures mapped as Total /(Certain/Probable/Possible) in the PFL-s measured interval	56 (23/3/30)
Mean fracture frequency of **partly open fractures** (fractures/m)	0.07
No of **crush zones** in the PFL-s measured interval	1
Approx. No of fractures in **crush zones** assuming 40 fr./m	3.29
Mean No of fractures in a **crush zone**	3.29
Mean fracture frequency of **Total open fractures** (All open, partly open and crush zone fractures) (features/m)	0.81
No of **sealed fractures** mapped as Total /(Certain/Probable/Possible) in the PFL-s measured interval	3,497 (2,882/613/2)
Mean fracture frequency of **sealed fractures** (fractures/m)	4.15

Table 7-2. Flow anomalies in KFM08C.

Object	KFM08C
Measured interval in the borehole with PFL-s (m)	102.23–944.10
Total No of PFL anomalies (“Certain”+”Uncertain”)	21
No of **PFL anomalies** mapped as **“Certain”**	14
No of **PFL anomalies** mapped in **crush zones**	0
Mean feature frequency of **PFL anomalies** (Total) (anomalies/m)	0.025
No of crush zones in the PFL-s interval, **Total/No. with one or more PFL-f anomalies**	1/0
Mean frequency of crush zones with PFL anomalies	0
PFL-anomaly connected to a Geological feature (Best Choice), accuracy	
Number of PFL anomalies identified within distance <0.2 m from Geological features (open and partly open fractures and crush zones)	19
Number of PFL anomalies identified within distance 0.2–0.4 m from Geological features (open and partly open fractures and crush zones)	1
Number of PFL anomalies identified within distance 0.2–0.5 m from Geological features (open and partly open fractures and crush zones)	1
Number of PFL anomalies identified within distance >0.5 m from Geological features (open and partly open fractures and crush zones)	0
Number of PFL anomalies within a distance of 0.1 m from sealed fractures (broken/unbroken), thus, **not** correlated to open fractures or crush zones	0/0
Number of PFL anomalies within a distance of >0.1 m from sealed fractures (broken/unbroken), thus, **not** correlated to open fractures or crush zones	0/0

8 KFM10A

The borehole KFM10A at Forsmark, Sweden, was measured in June and July 2006. It was flow logged with PFL using 5 m test sections in borehole section interval 57.90 to 493.23 m (PFL-s). Flow logging for flow anomalies was made in the 1 m test sections (PFL-f) in PFL-s sections with measurable flow rates. Upper most section in the borehole for statistics is the lower position of the cone in the borehole: 62.35 m.

The borehole includes 56 PFL-anomalies, of which 40 are mapped as “certain”. 11 of the anomalies have been correlated to a single fracture, while many of the anomalies have been correlated to 8–13 open fractures. In some cases, a single open fracture may have influence on several flow anomalies (no 9 and 10, 15 and 16); this is noted specifically in the data file. In one case, no 35, the anomaly could only be correlated to a fracture sealed and unbroken. Three anomalies have been correlated to the borehole sections mapped as crush zones; no 8, 23 and 33.

It has no been possible to correlate anomalies 1 and 2 to any fractures or crush zones. The secup for these anomalies are 60.3 and 62.3 respectively. However, BIPS-pictures are only available from secup 62.0 m and the Sicada-Boremap data file starts at secup 62.86.

For anomalies no 53–56 the adjusted secup of the fracture correlating to the anomaly differs between data according to the Sicada-Boremap file and the visualisation with the BDT file.

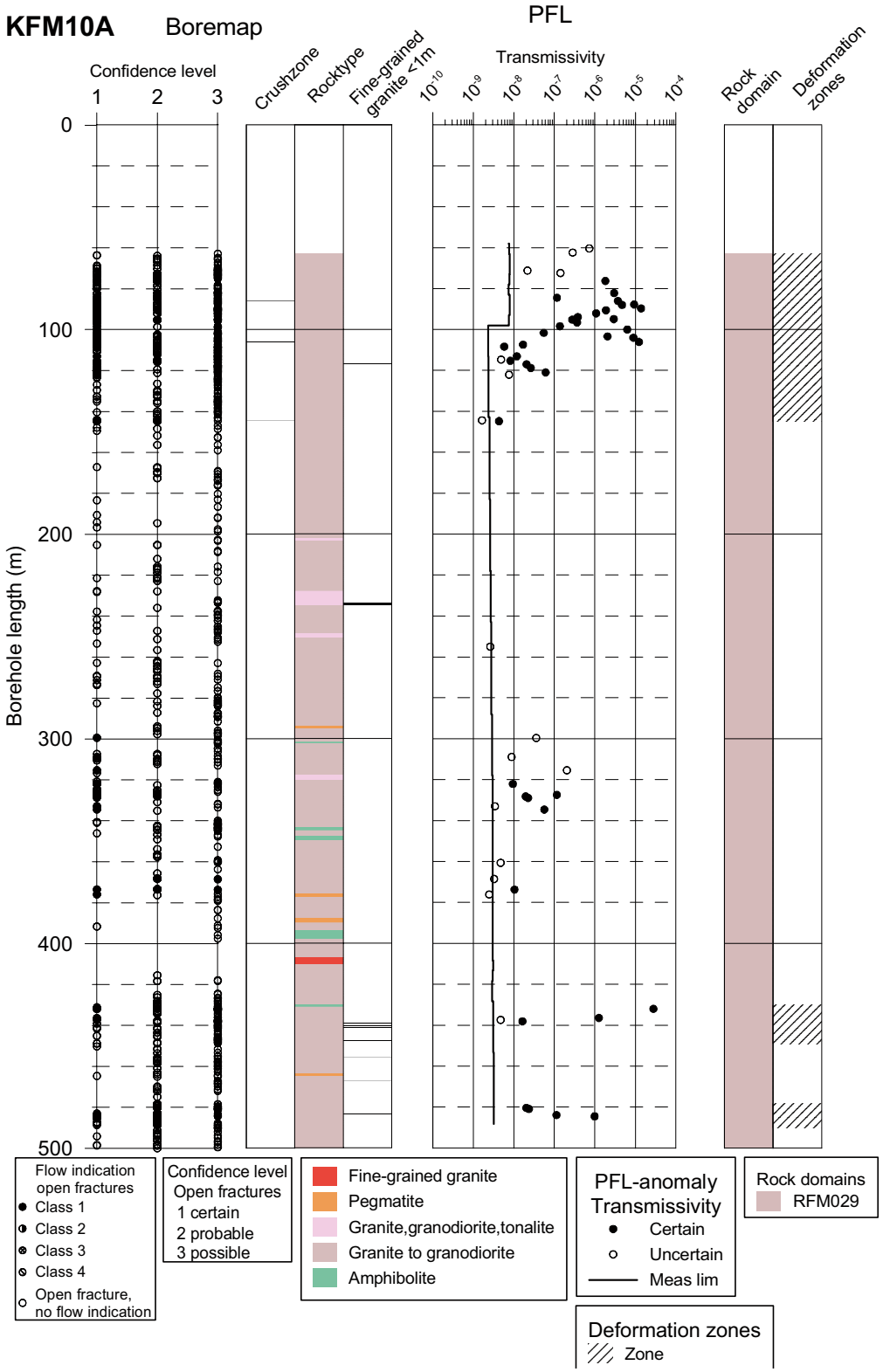


Figure 8-1. *Correlations of hydraulic features based on PFL-f measurements, to mapped open/partly open fractures (all plotted as open fractures above) or crush zones in KFM10A. Interpreted deformation zones and Rock Domains shown to the right. Fractures with PFL-anom confidence (flow indication class above) > 4 are not plotted.*

Table 8-1. Boremap data for the PFL-s measured interval in KFM10A.

Object	KFM10A
Measured interval in the borehole with PFL-s (m)	62.35–493.23
No of **open fractures** mapped as Total /(Certain/Probable/Possible) in the PFL-**s** measured interval	863 (159/283/421)
Mean fracture frequency of **open fractures** (fractures/m)	2.00
No of **partly** open fractures mapped as Total /(Certain/Probable/Possible) in the PFL-s measured interval	119 (102/9/8)
Mean fracture frequency of **partly open fractures** (fractures/m)	0.28
No of **crush zones** in the PFL-s measured interval	3
Approx. No of fractures in **crush zones** assuming 40 fr./m	5.67
Mean No of fractures in a **crush zone**	1.89
Mean fracture frequency of **Total open fractures** (All open, partly open and crush zone fractures) (features/m)	2.29
No of **sealed fractures** mapped as Total /(Certain/Probable/Possible) in the PFL-s measured interval	1,727 (1,714/13/0)
Mean fracture frequency of **sealed fractures** (fractures/m)	4.01

Table 8-2. Flow anomalies in KFM10A.

Object	KFM10A
Measured interval in the borehole with PFL-s (m)	62.35–493.23
Total No of PFL anomalies (“Certain”+”Uncertain”)	56
No of **PFL anomalies** mapped as **“Certain”**	40
No of **PFL anomalies** mapped in **crush zones**	3
Mean feature frequency of **PFL anomalies** (Total) (anomalies/m)	0.130
No of crush zones in the PFL-s interval, **Total/No. with one or more PFL-f anomalies**	3/3
Mean frequency of crush zones with PFL anomalies	1
PFL-anomaly connected to a Geological feature (Best Choice), accuracy	
Number of PFL anomalies identified within distance <0.2 m from Geological features (open and partly open fractures and crush zones)	55
Number of PFL anomalies identified within distance 0.2–0.4 m from Geological features (open and partly open fractures and crush zones)	1
Number of PFL anomalies identified within distance 0.2–0.5 m from Geological features (open and partly open fractures and crush zones)	0
Number of PFL anomalies identified within distance >0.5 m from Geological features (open and partly open fractures and crush zones)	0
Number of PFL anomalies within a distance of 0.1 m from sealed fractures (broken/unbroken), thus, **not** correlated to open fractures or crush zones	0/0
Number of PFL anomalies within a distance of >0.1 m from sealed fractures (broken/unbroken), thus, **not** correlated to open fractures or crush zones	0/0

9 References

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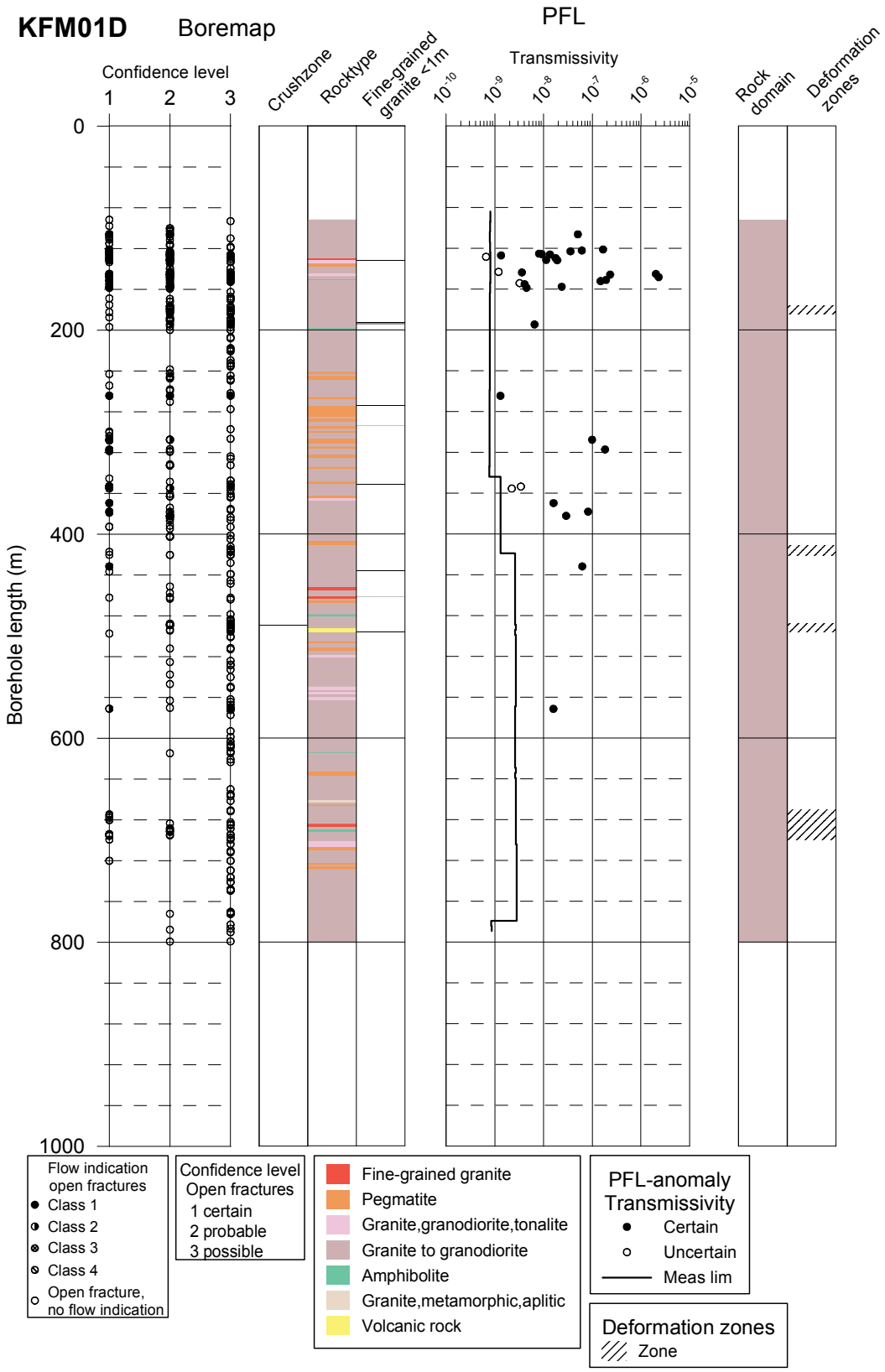
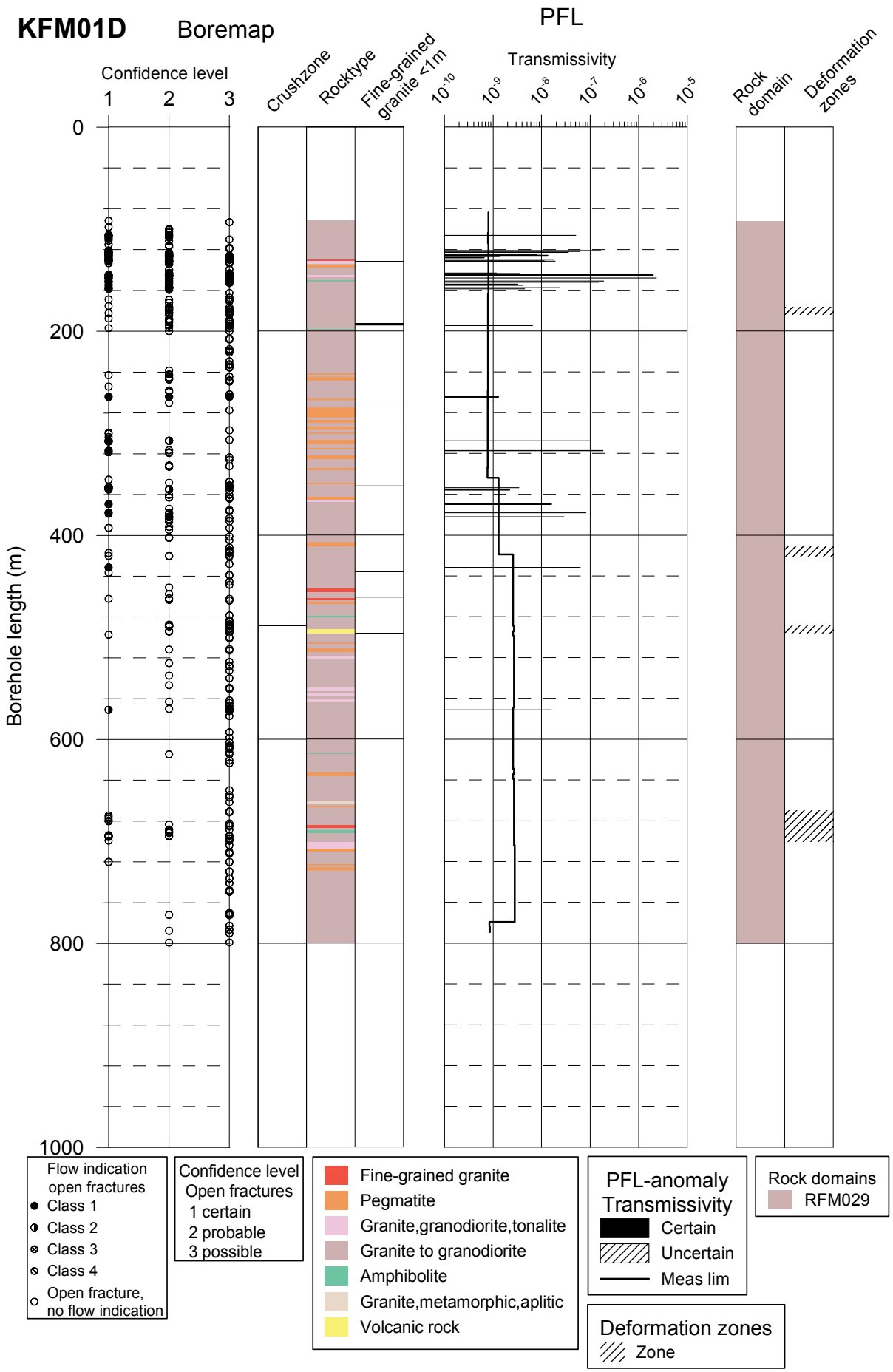
KFM01D

This appendix presents Flow log anomalies related to the Core mapped features for every 25 meters of the borehole KFM01D. BIPS images of the PFL anomalies are also presented.

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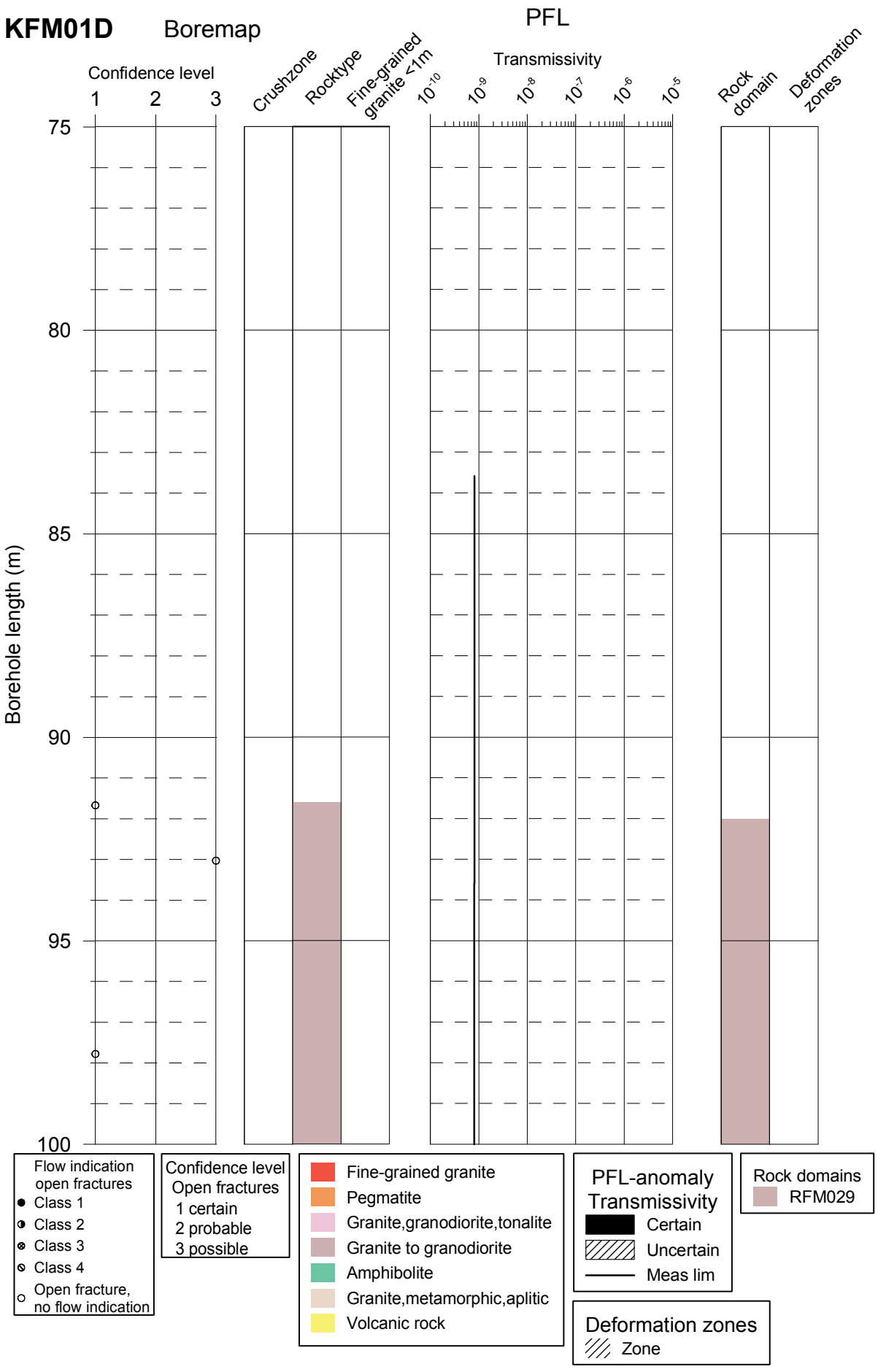
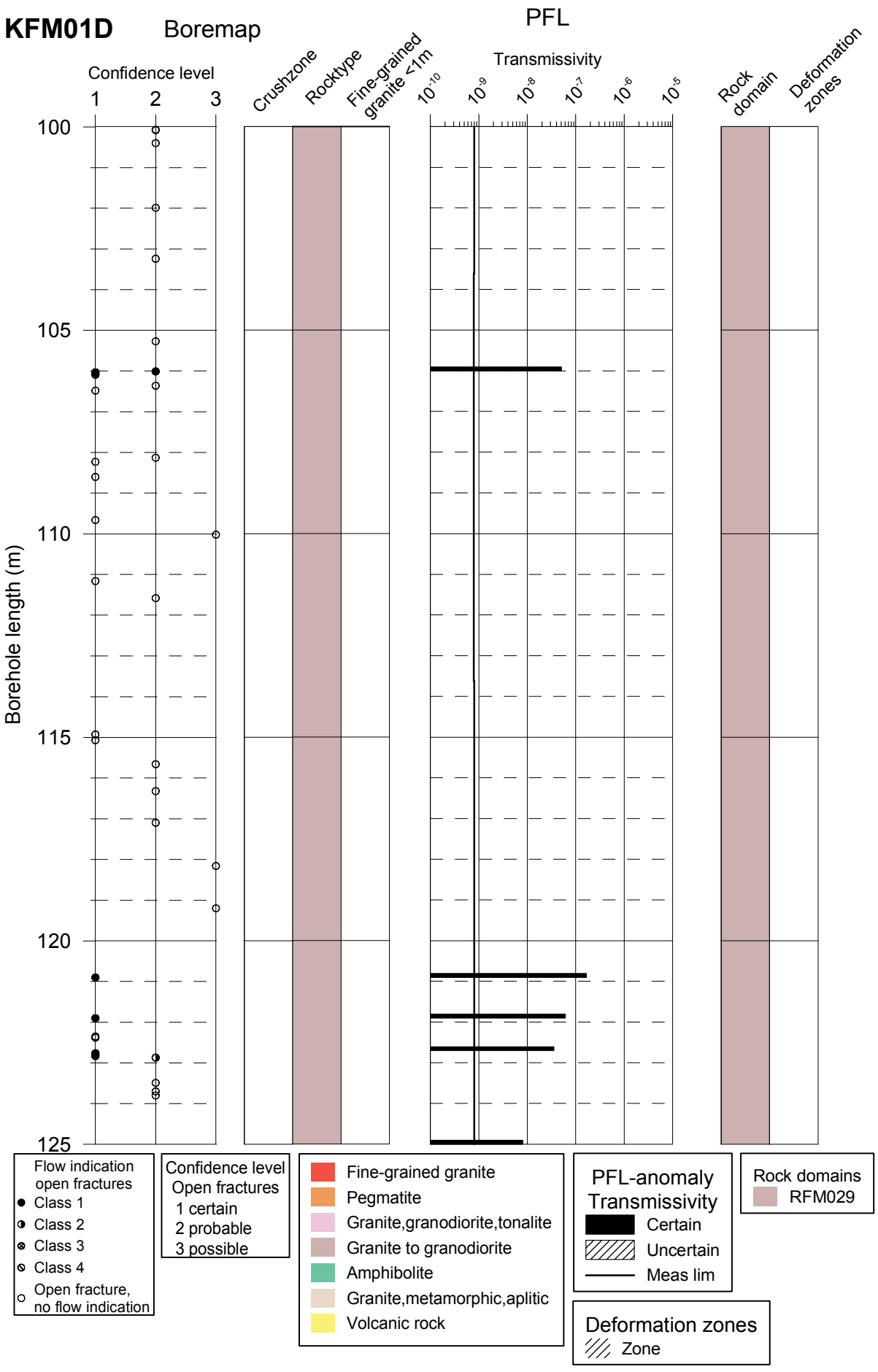
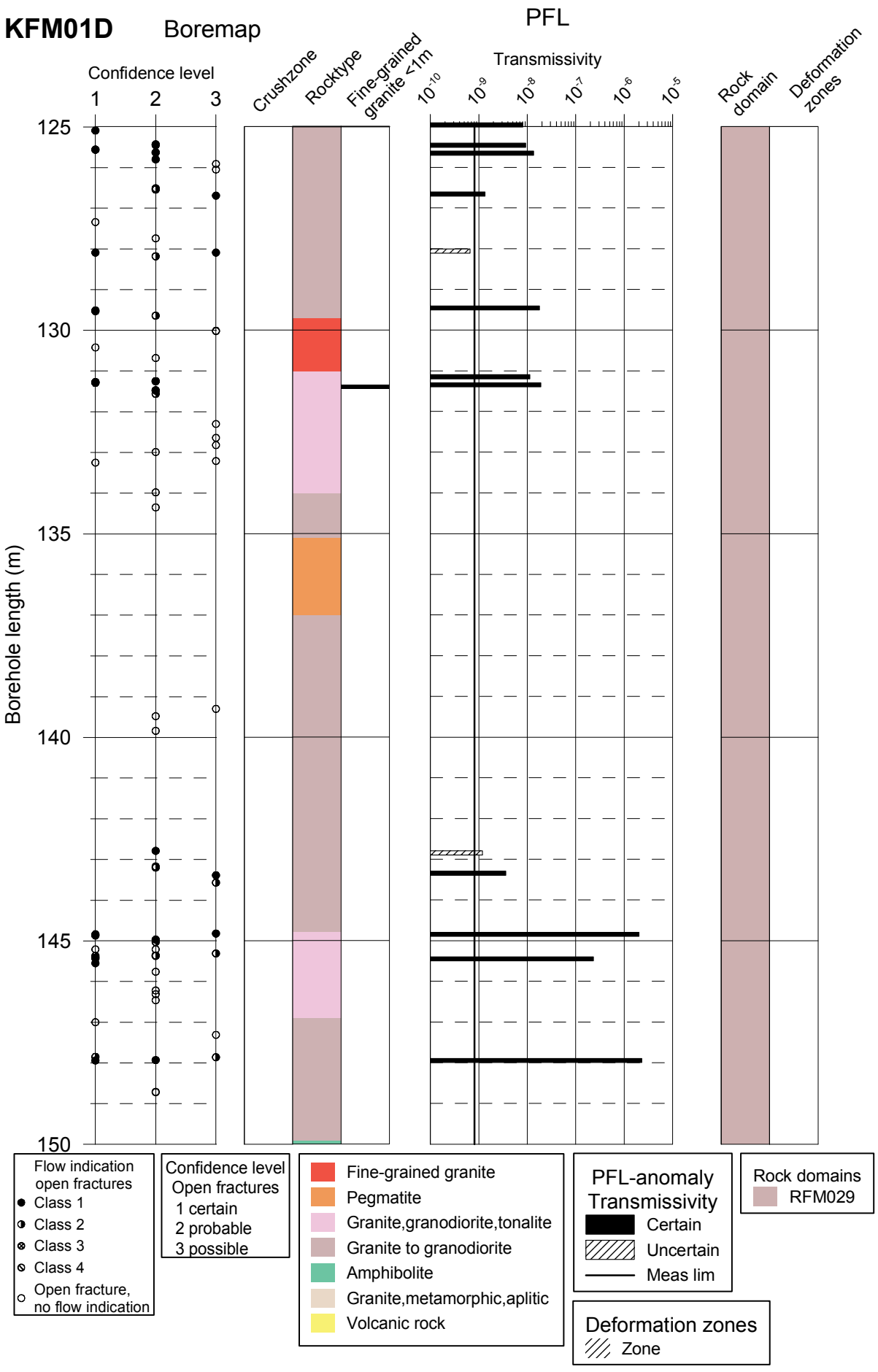
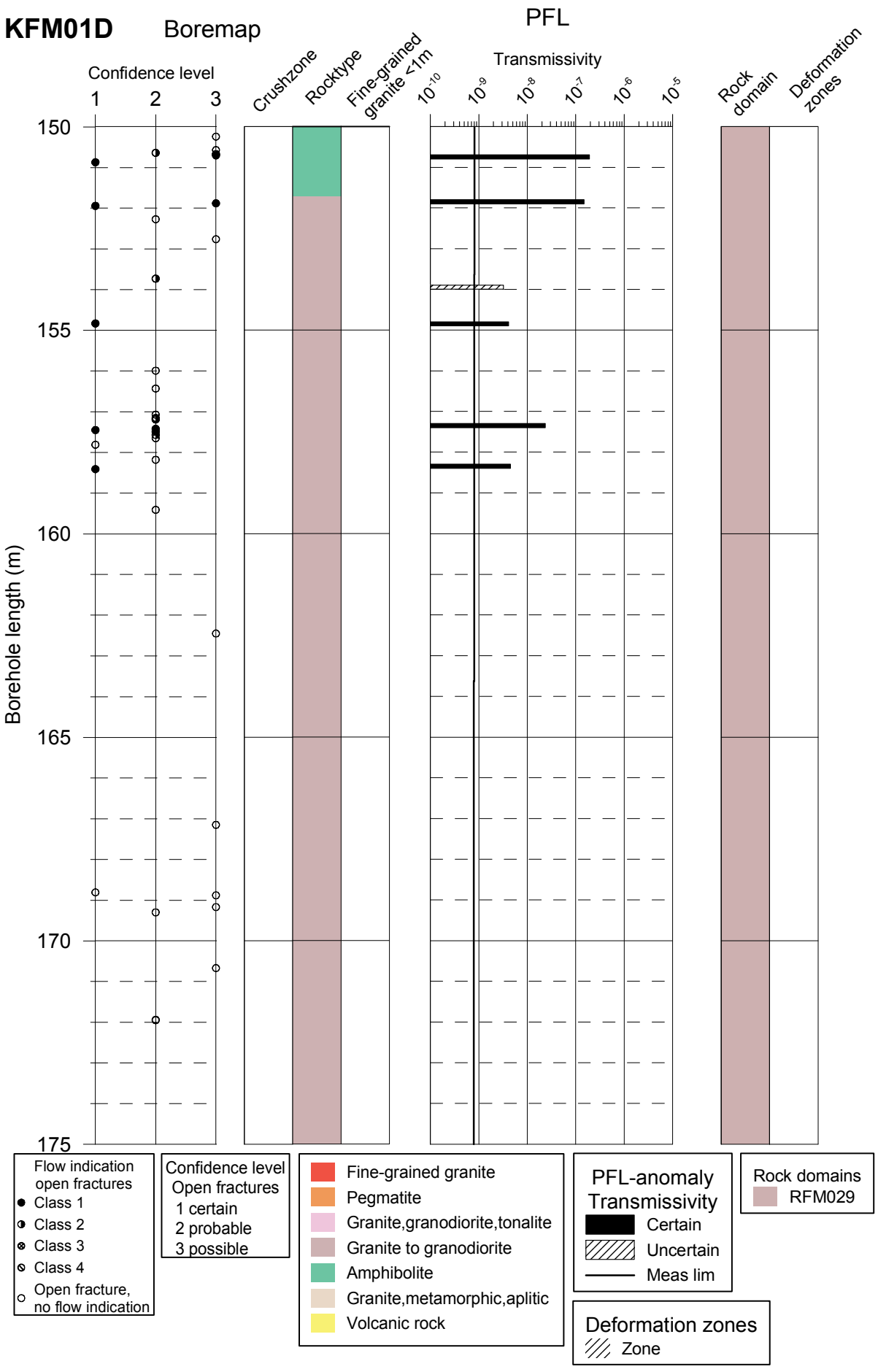
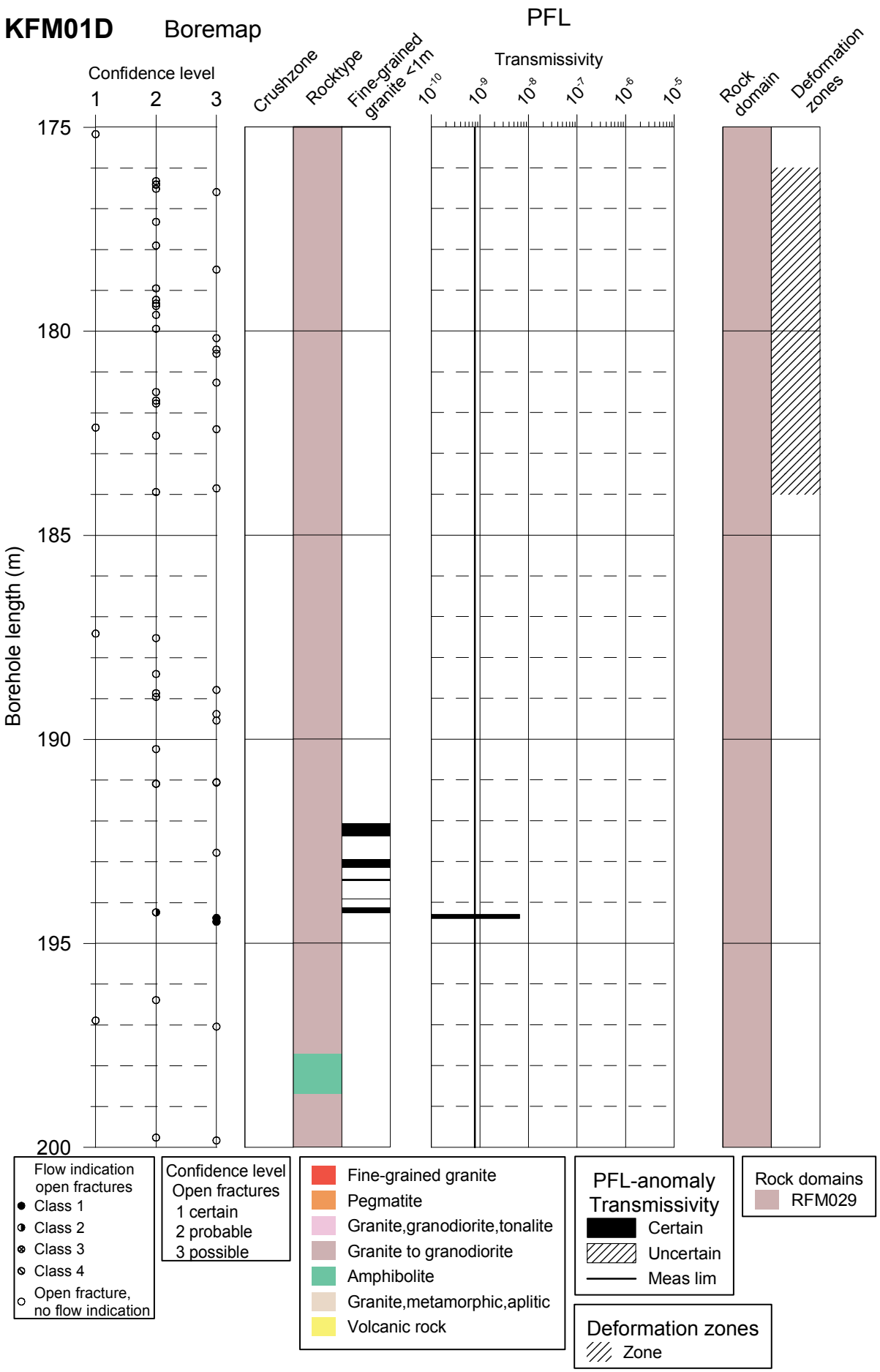
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
0
200
400
600
800
1000
Borehole length (m)
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone


KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
75
80
85
90
95
100
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone


KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
100
105
110
115
120
125
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone


KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
125
130
135
140
145
150
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone


KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
150
155
160
165
170
175
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone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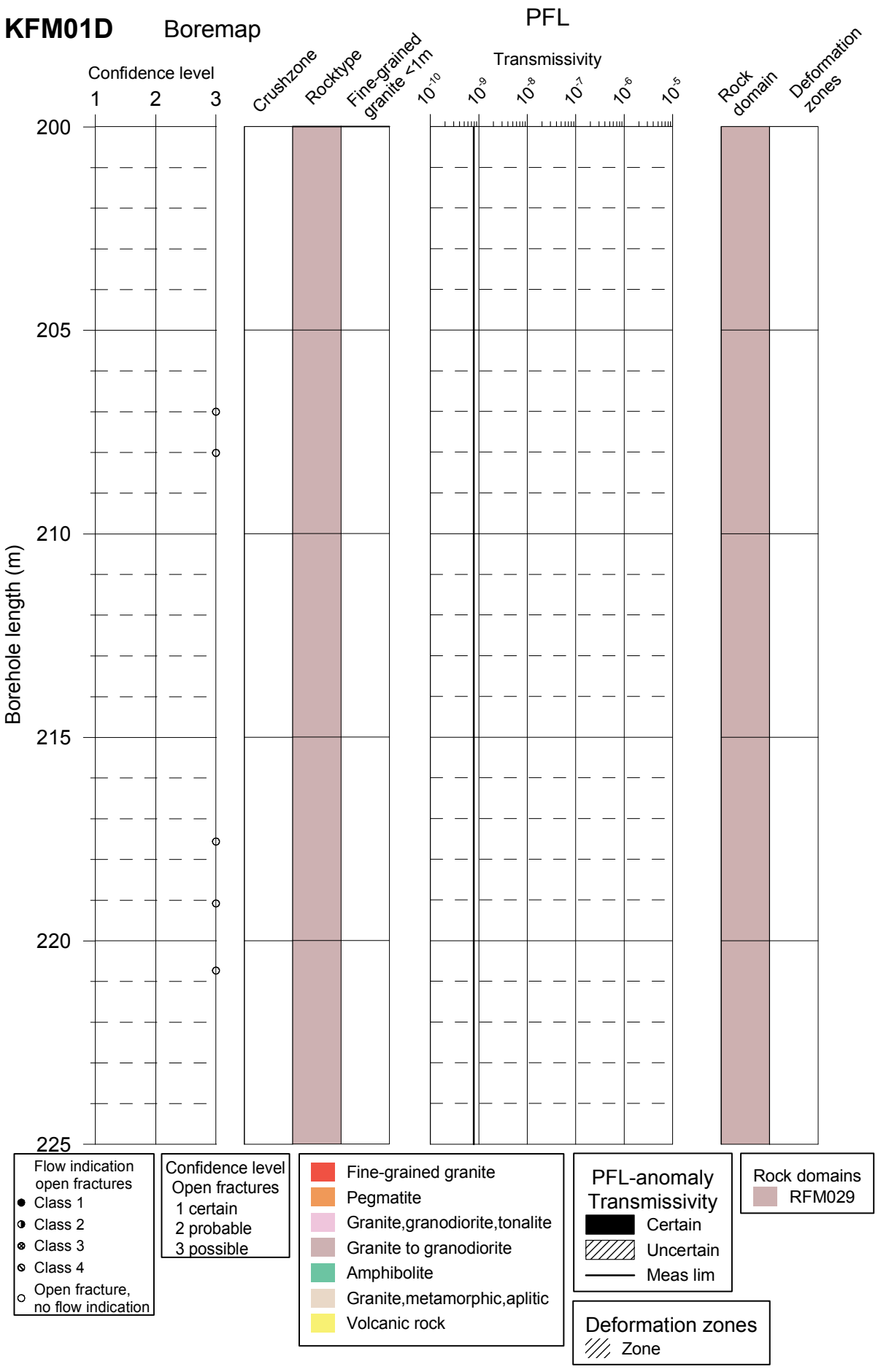
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
175
180
185
190
195
200
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone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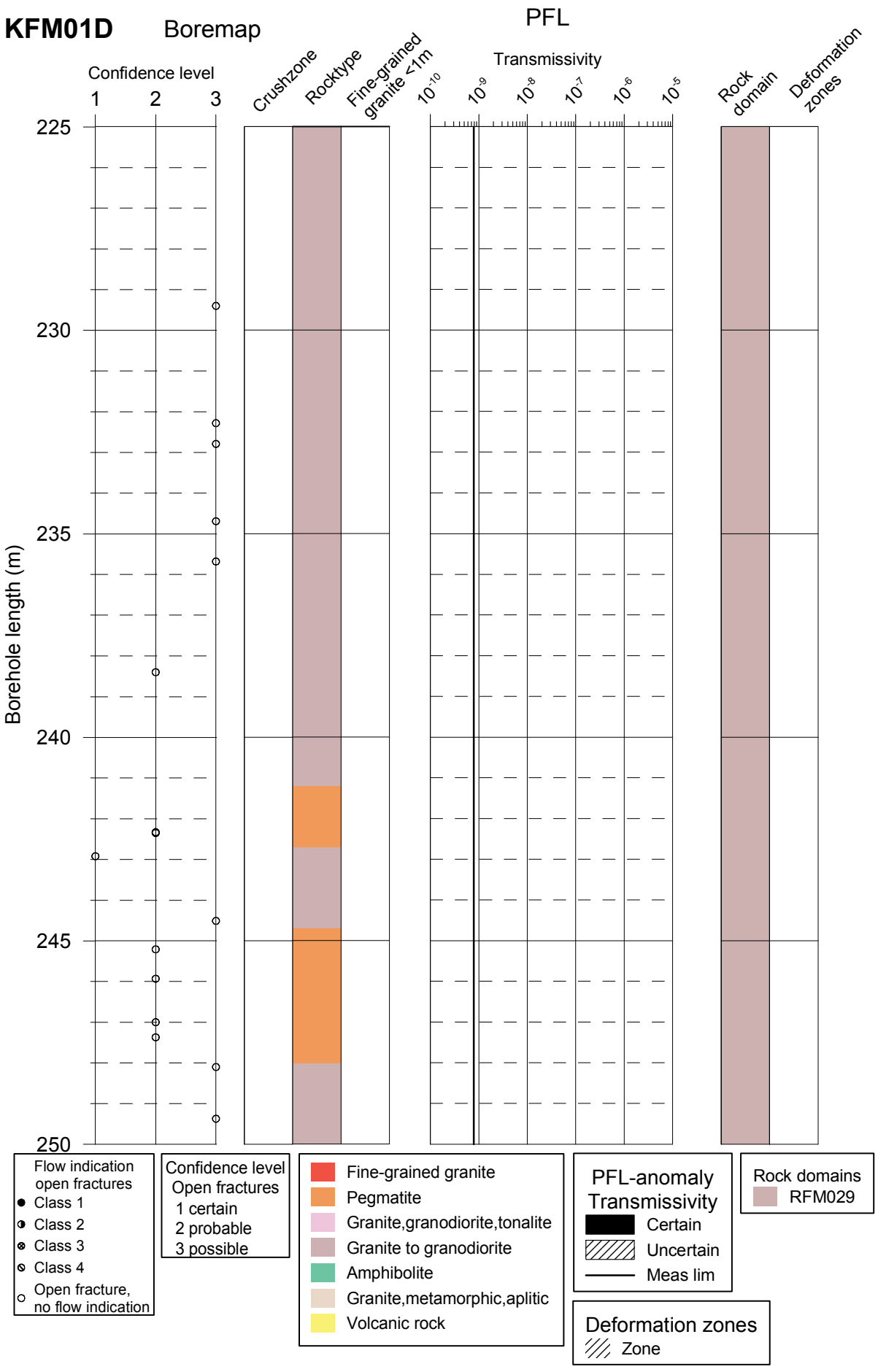
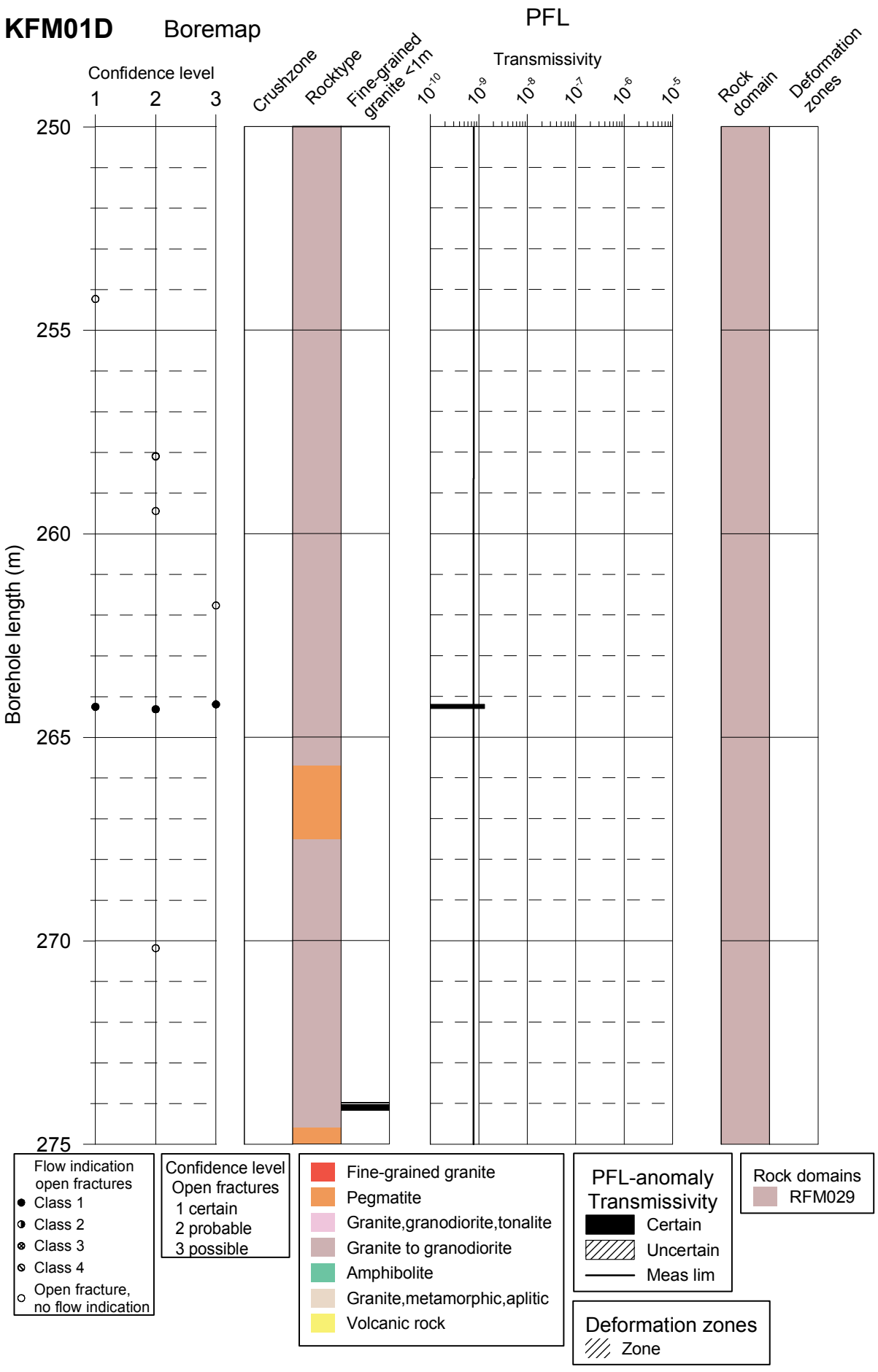
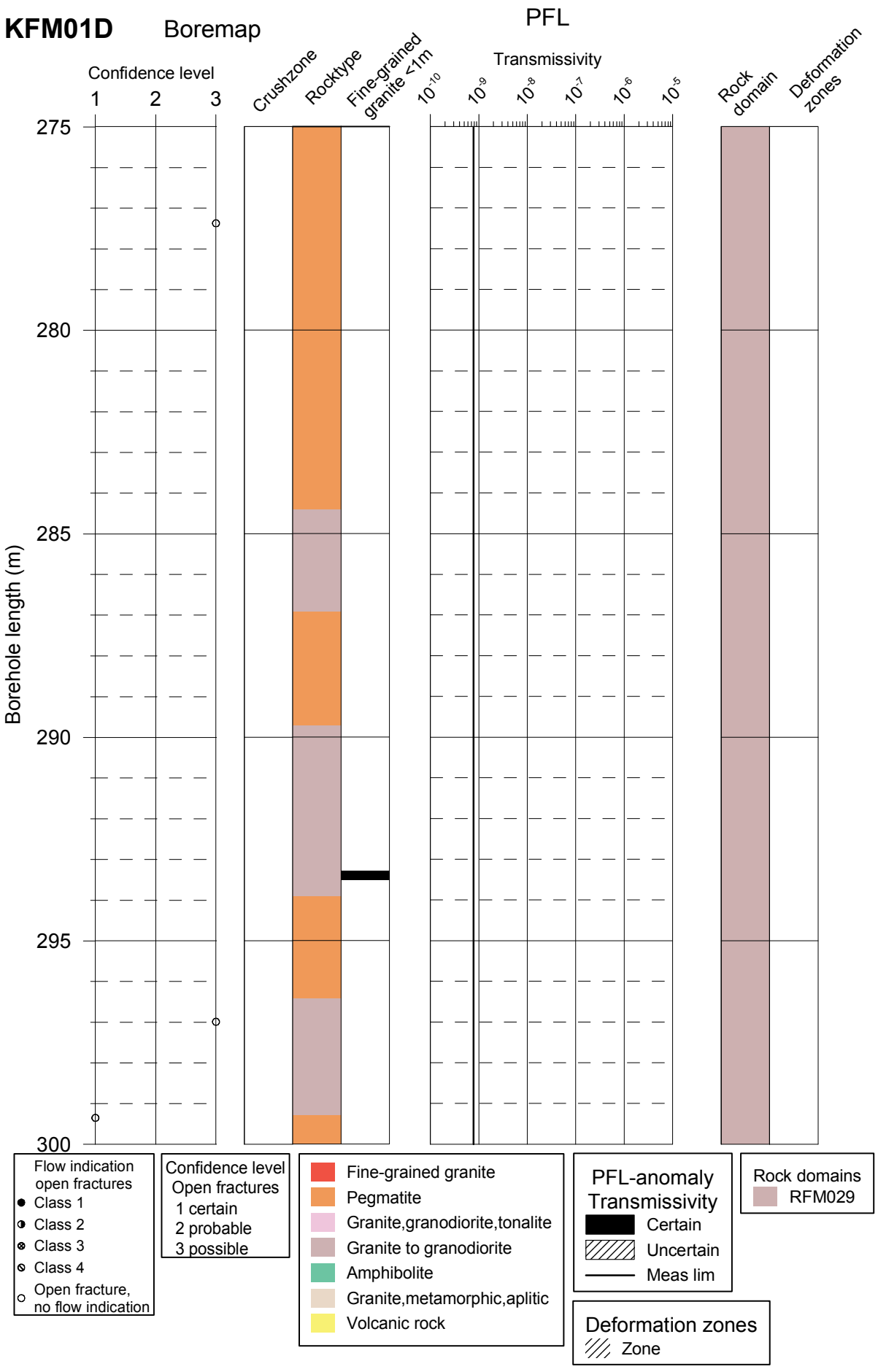
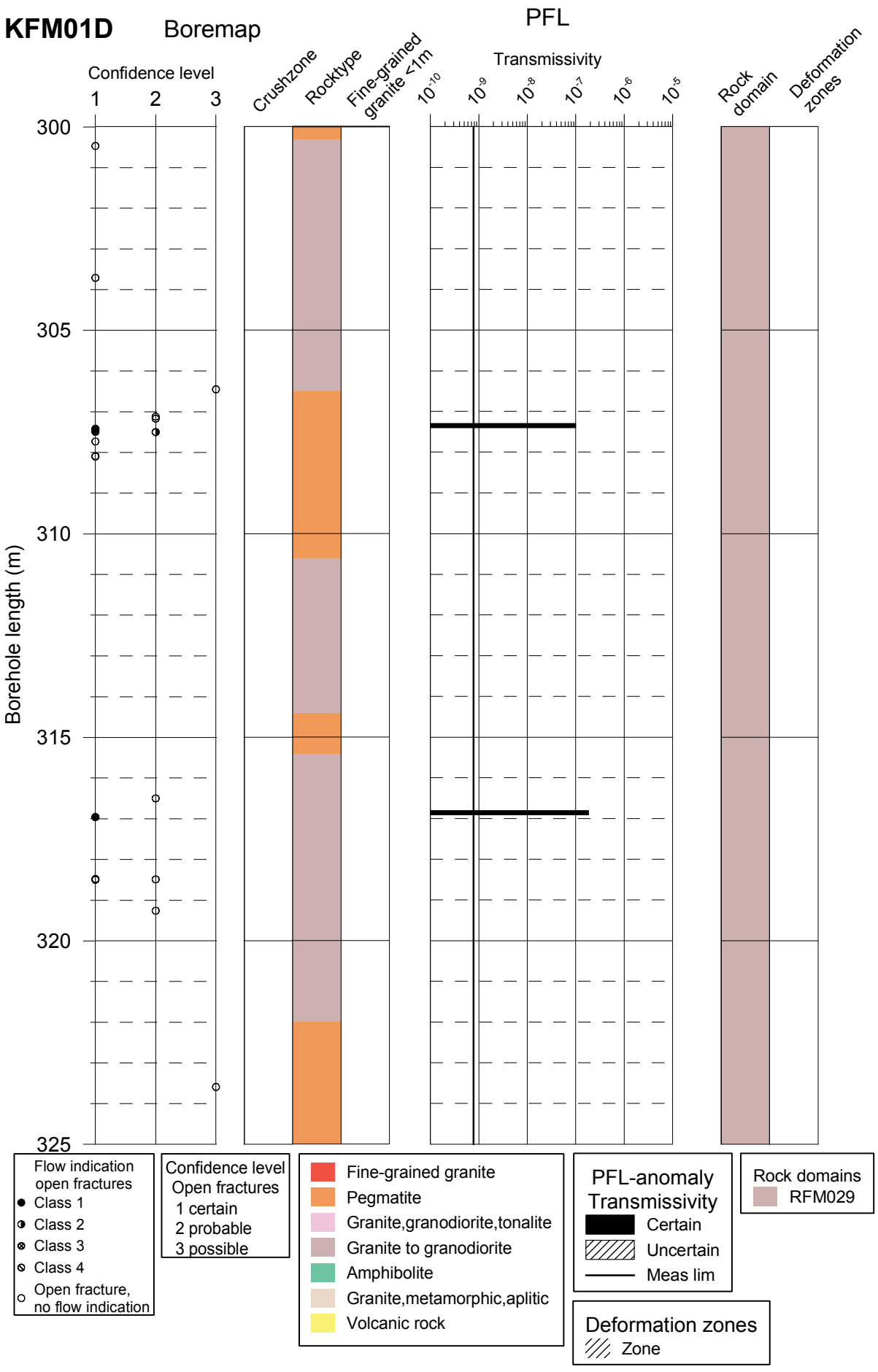
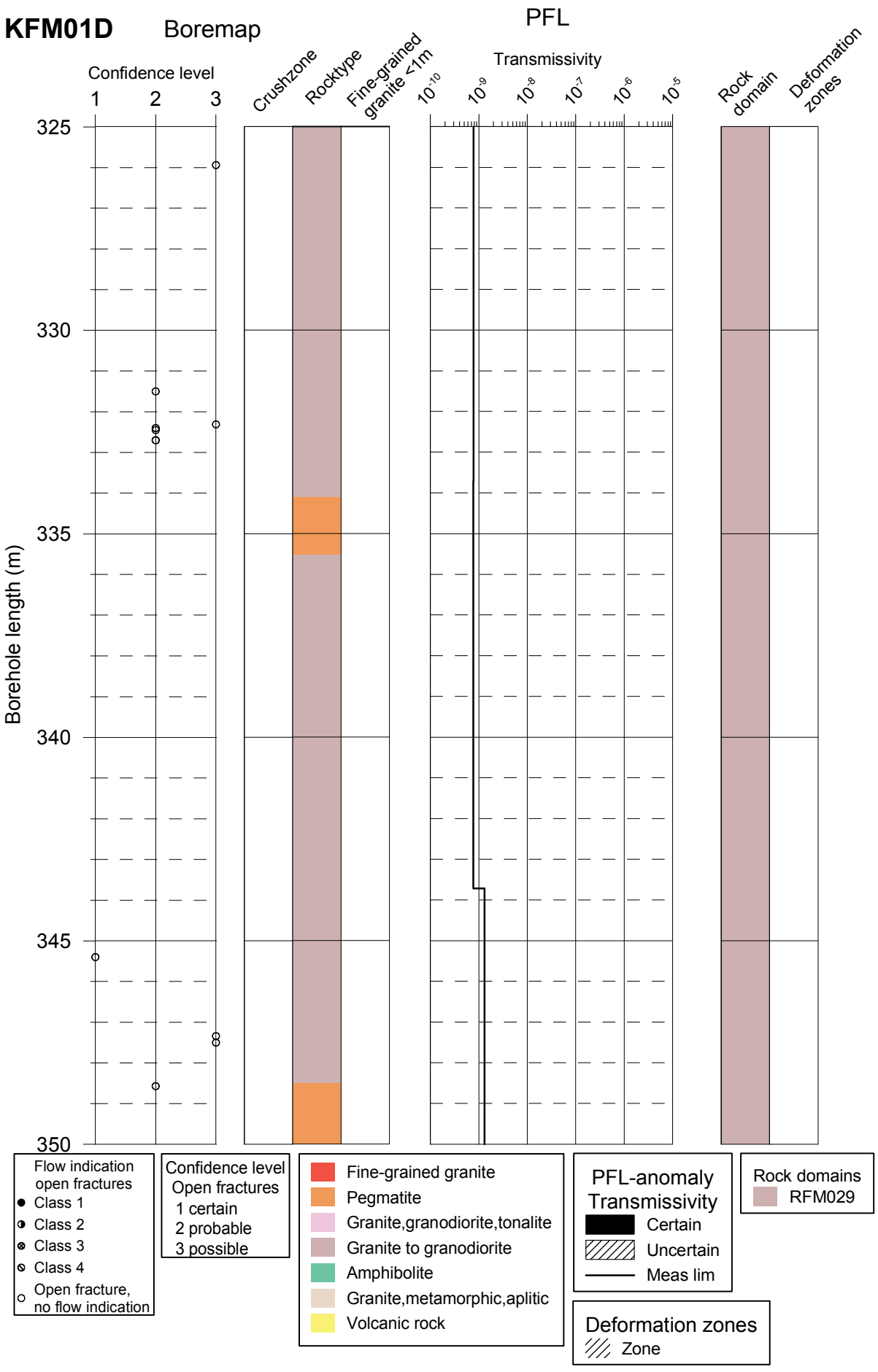
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
200
205
210
215
220
225
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

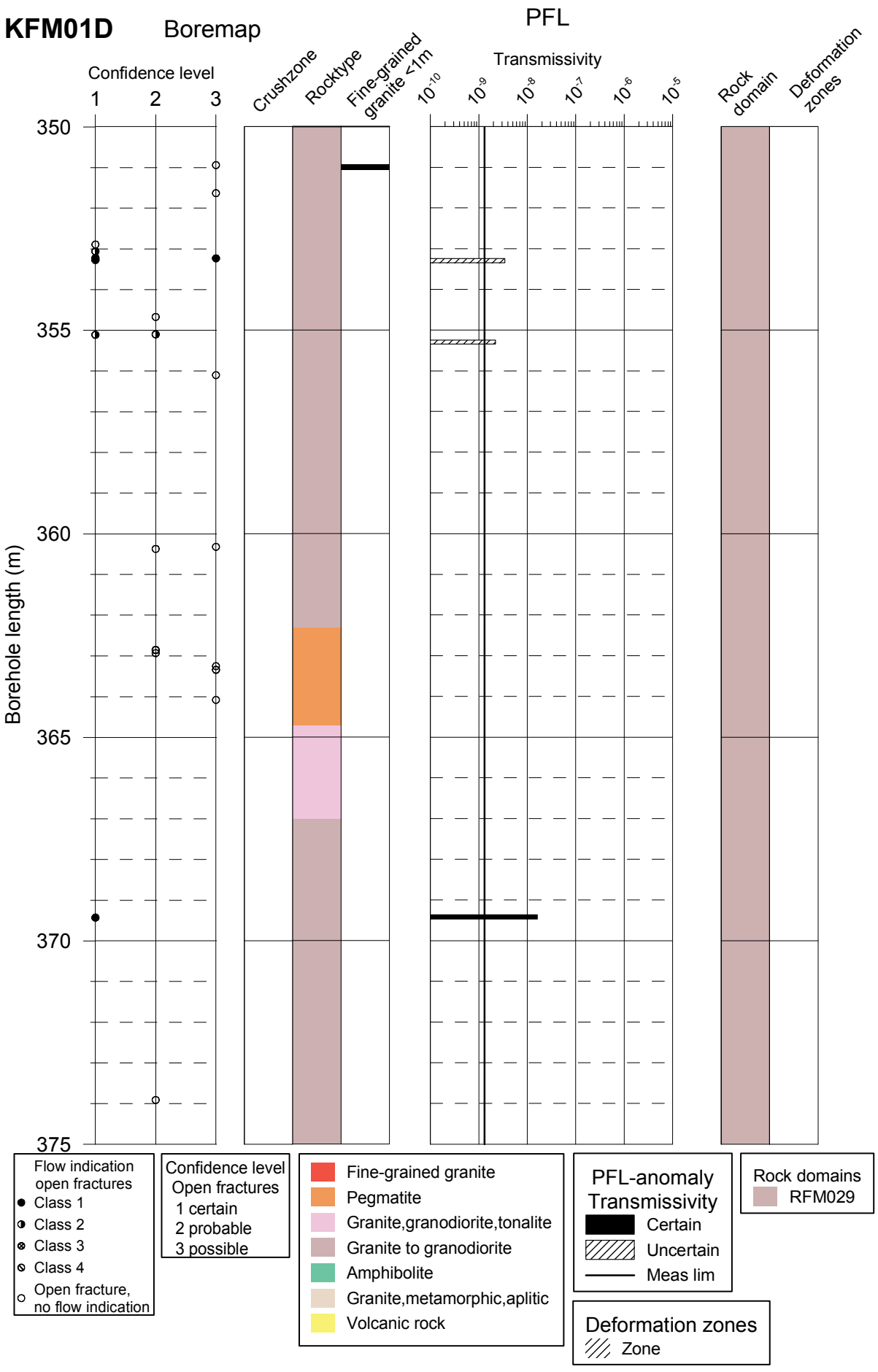

KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
225
230
235
240
245
250
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

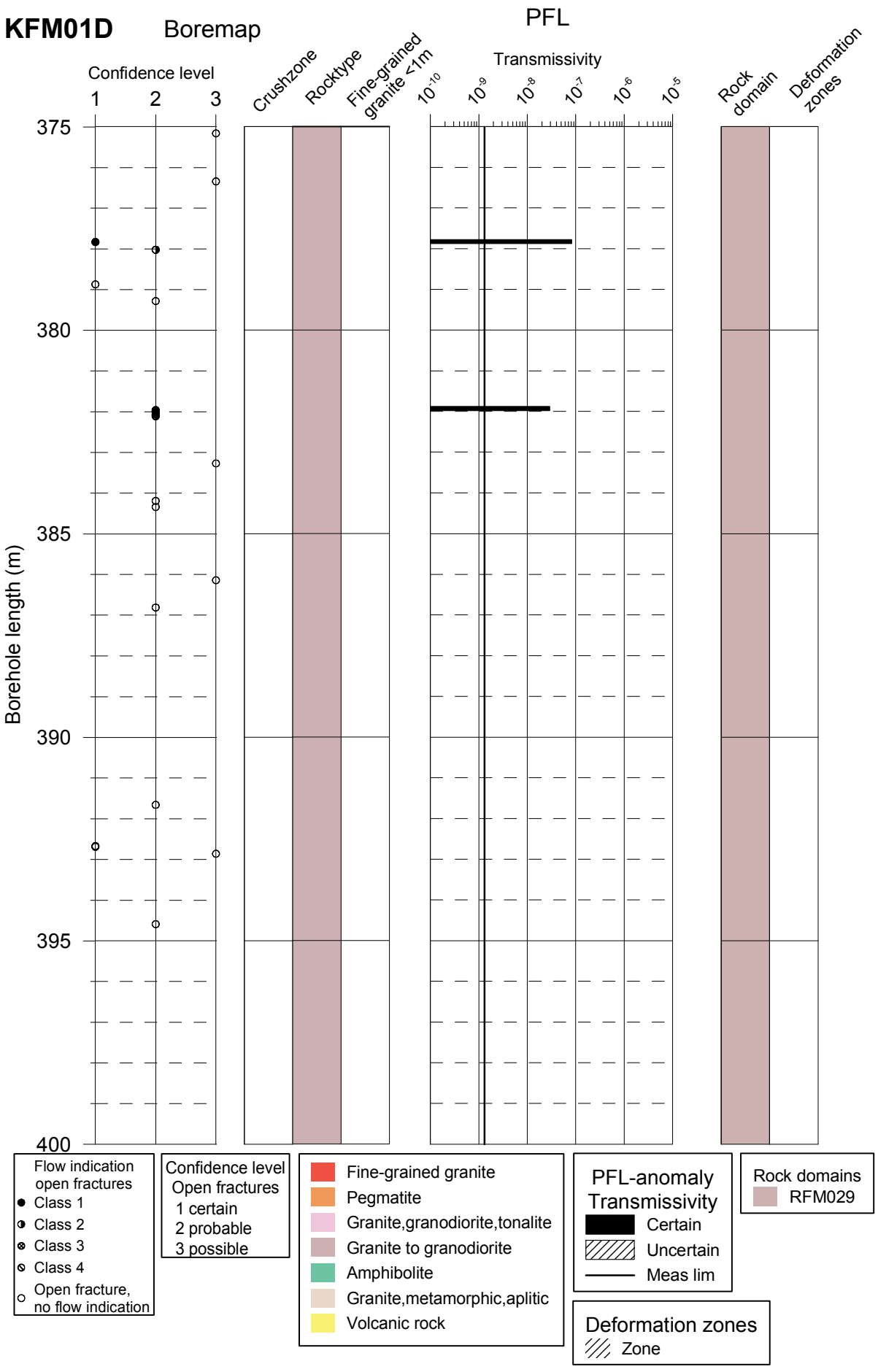

KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
250
255
260
265
270
275
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

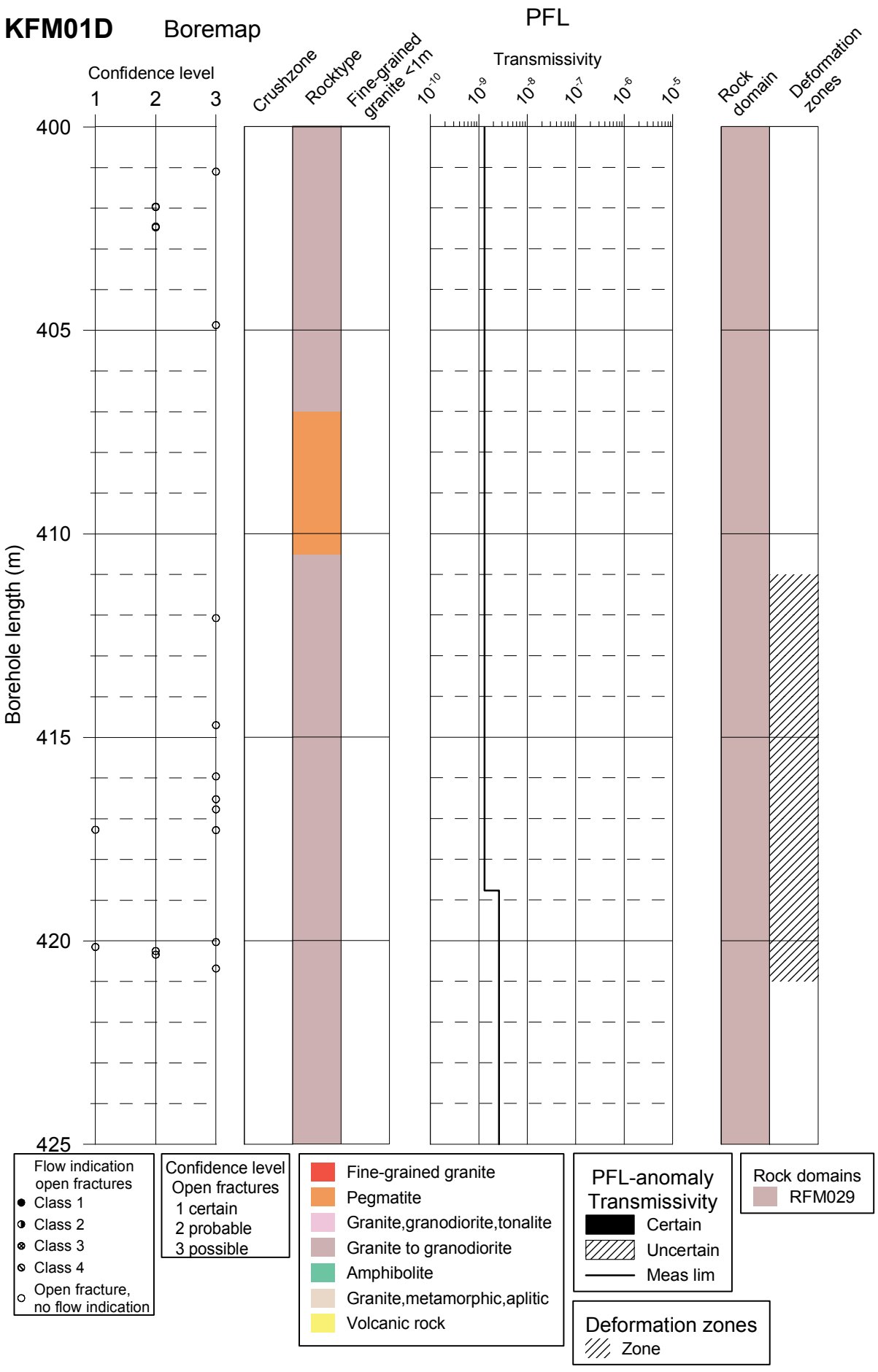

KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
275
280
285
290
295
300
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

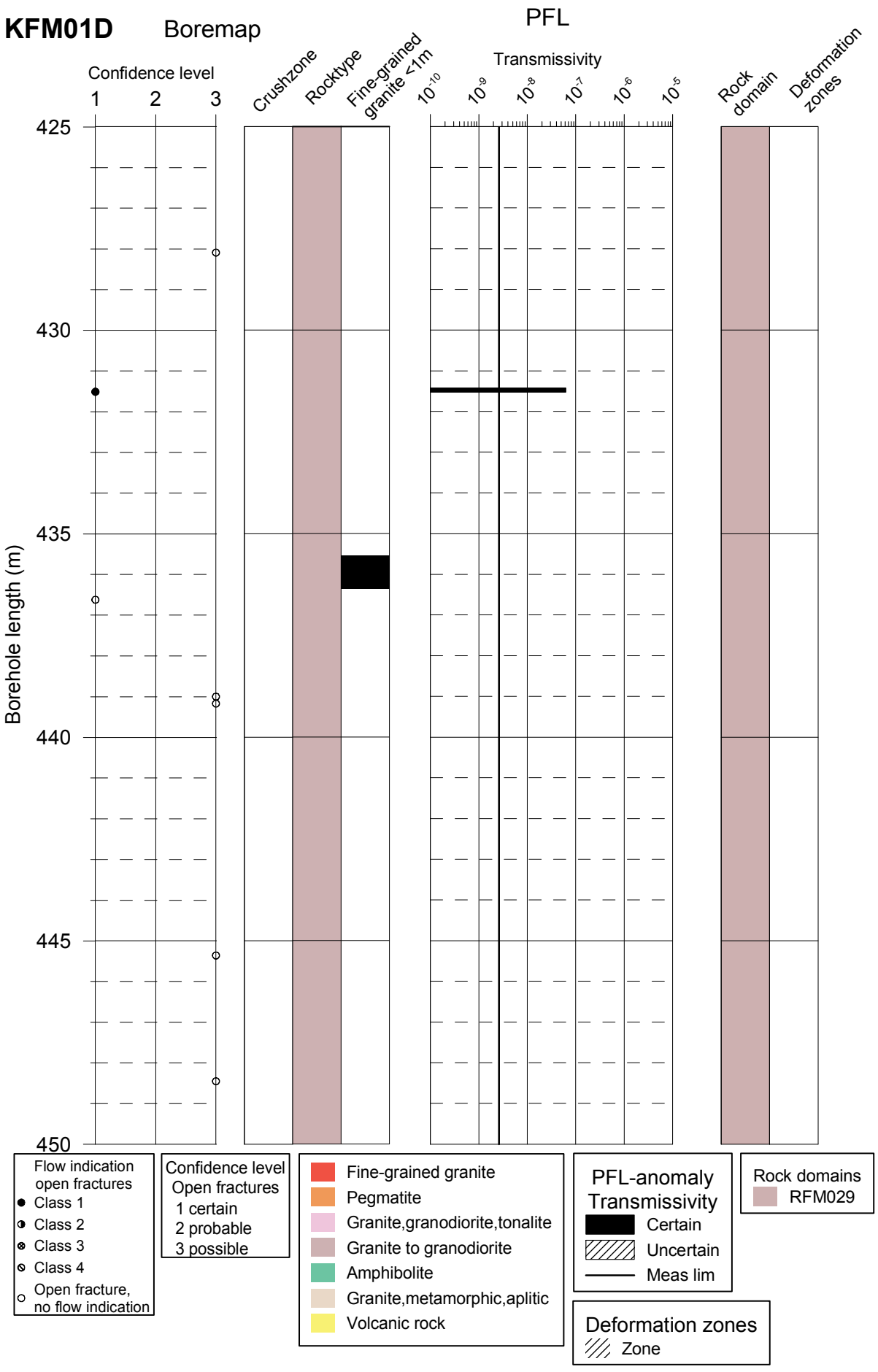

KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
300
305
310
315
320
325
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

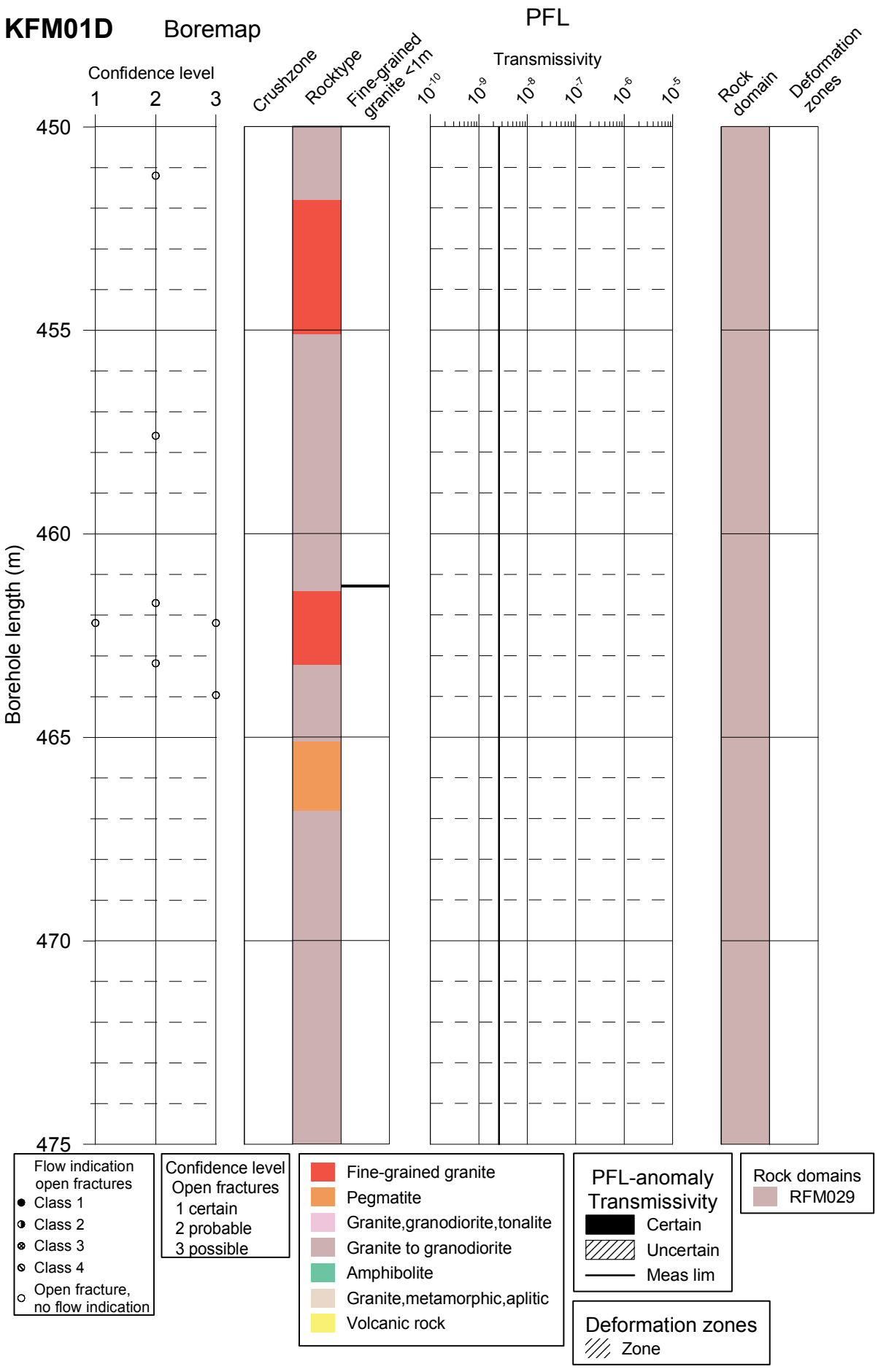

KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
325
330
335
340
345
350
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

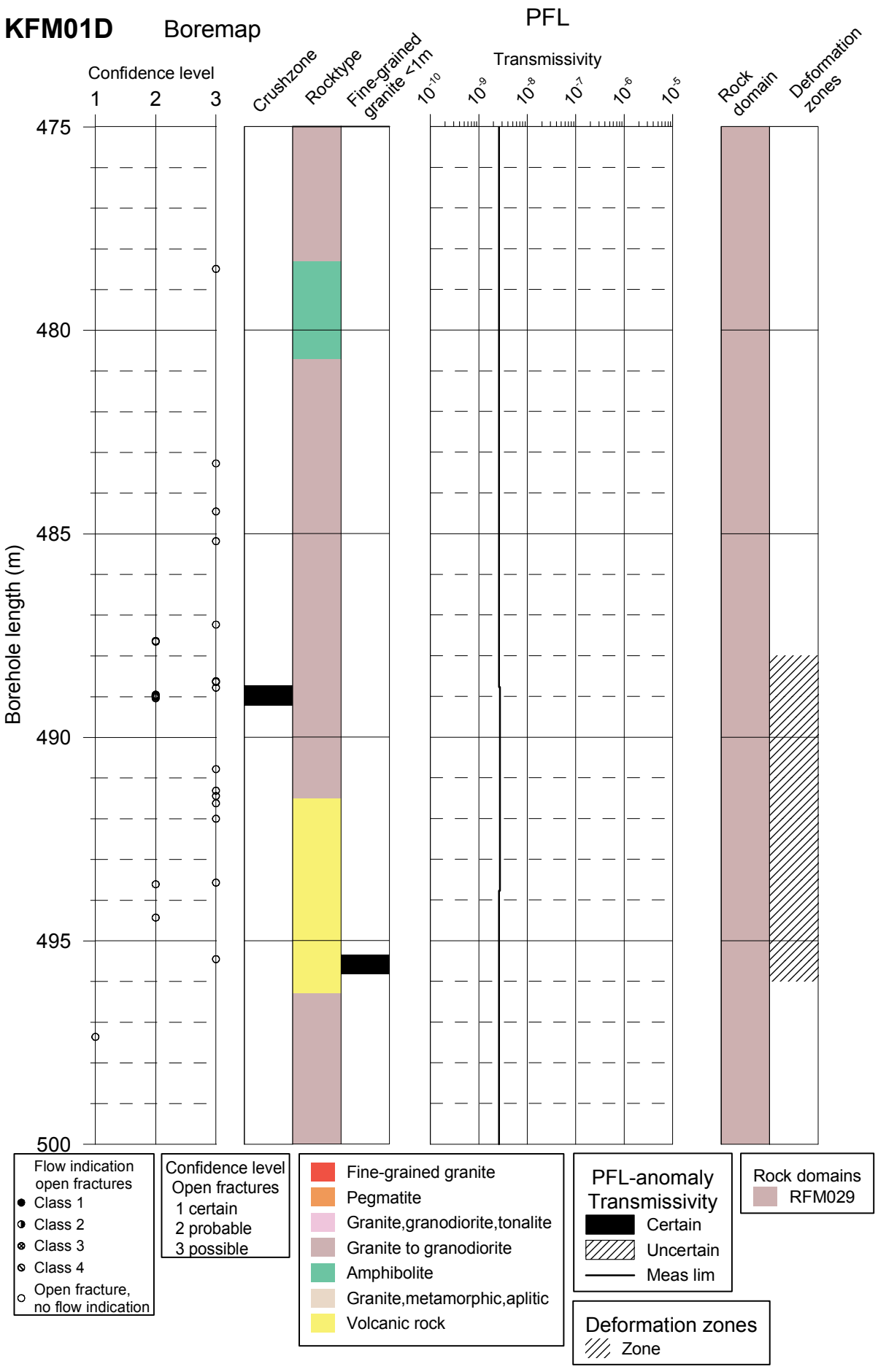

KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
350
355
360
365
370
375
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

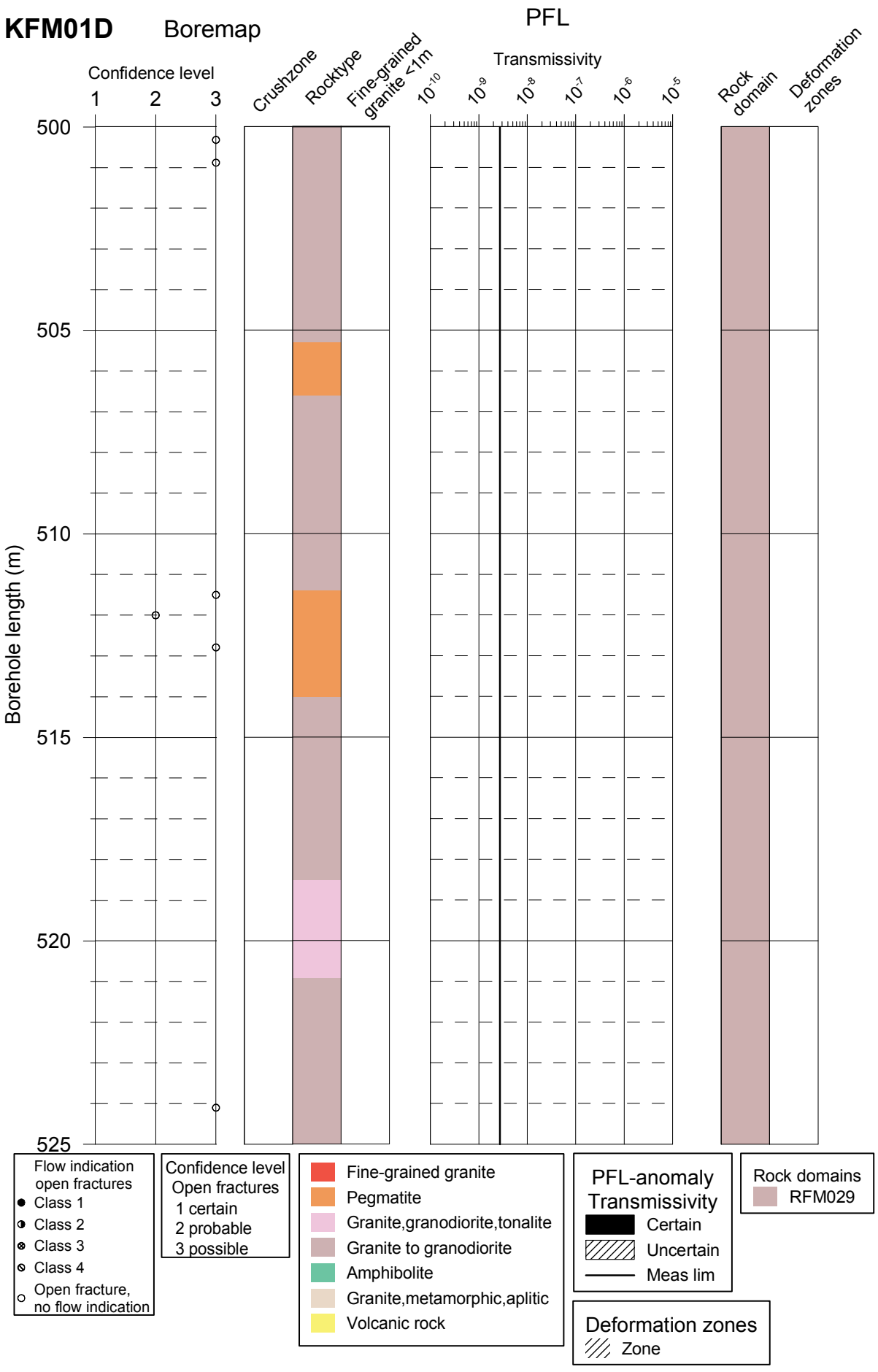

KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
375
380
385
390
395
400
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

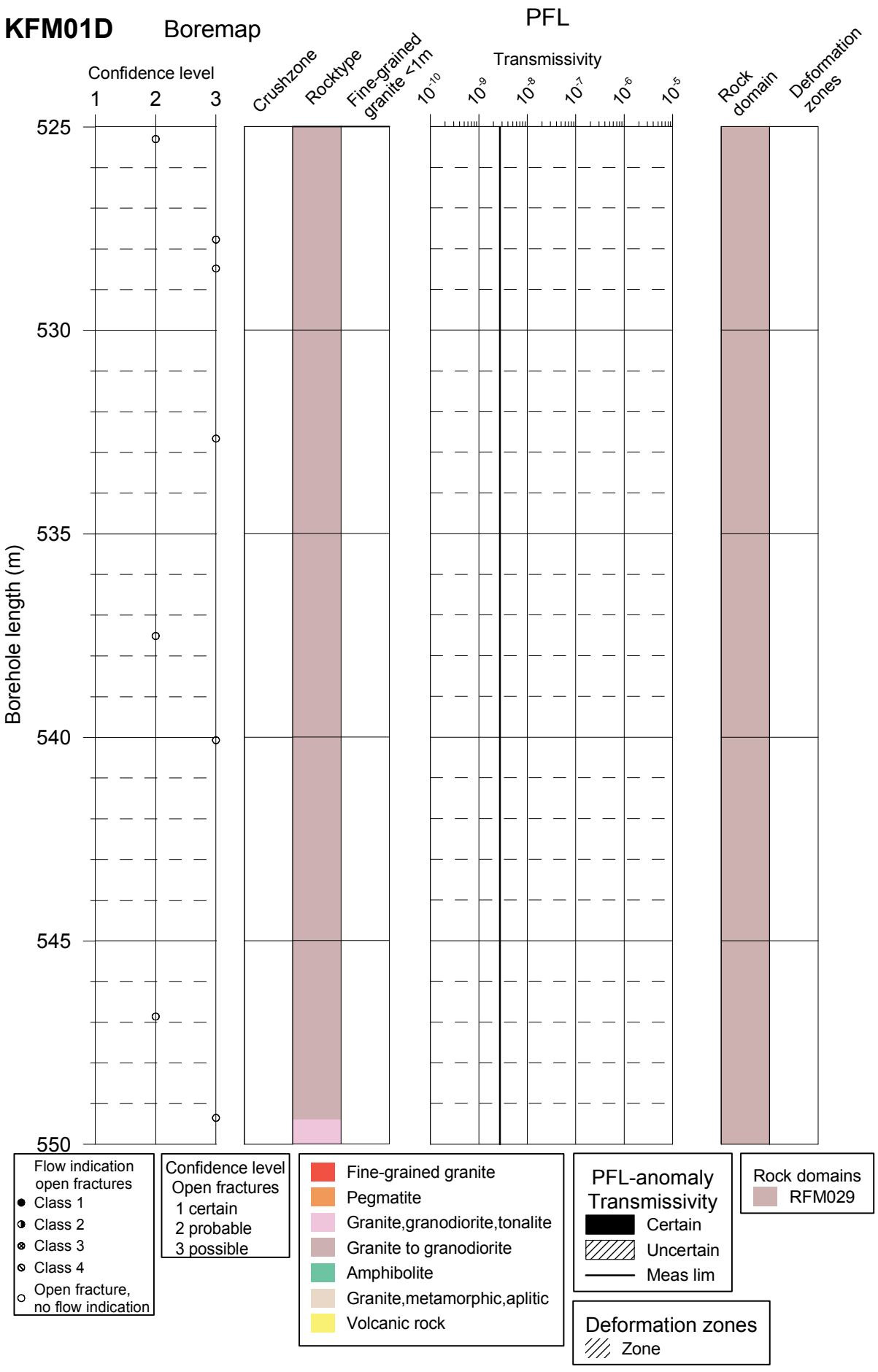

KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
400
405
410
415
420
425
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

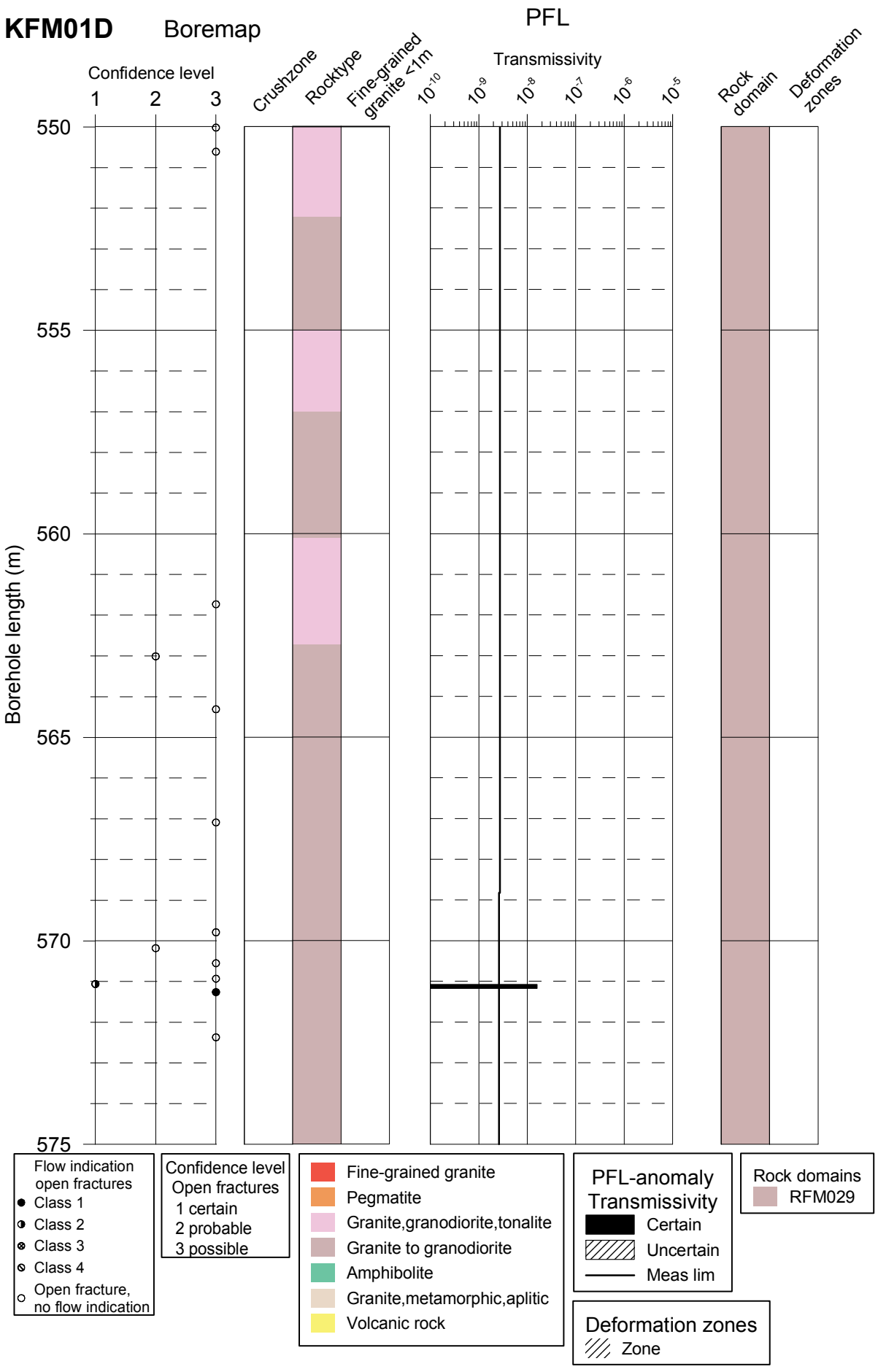

KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
425
430
435
440
445
450
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

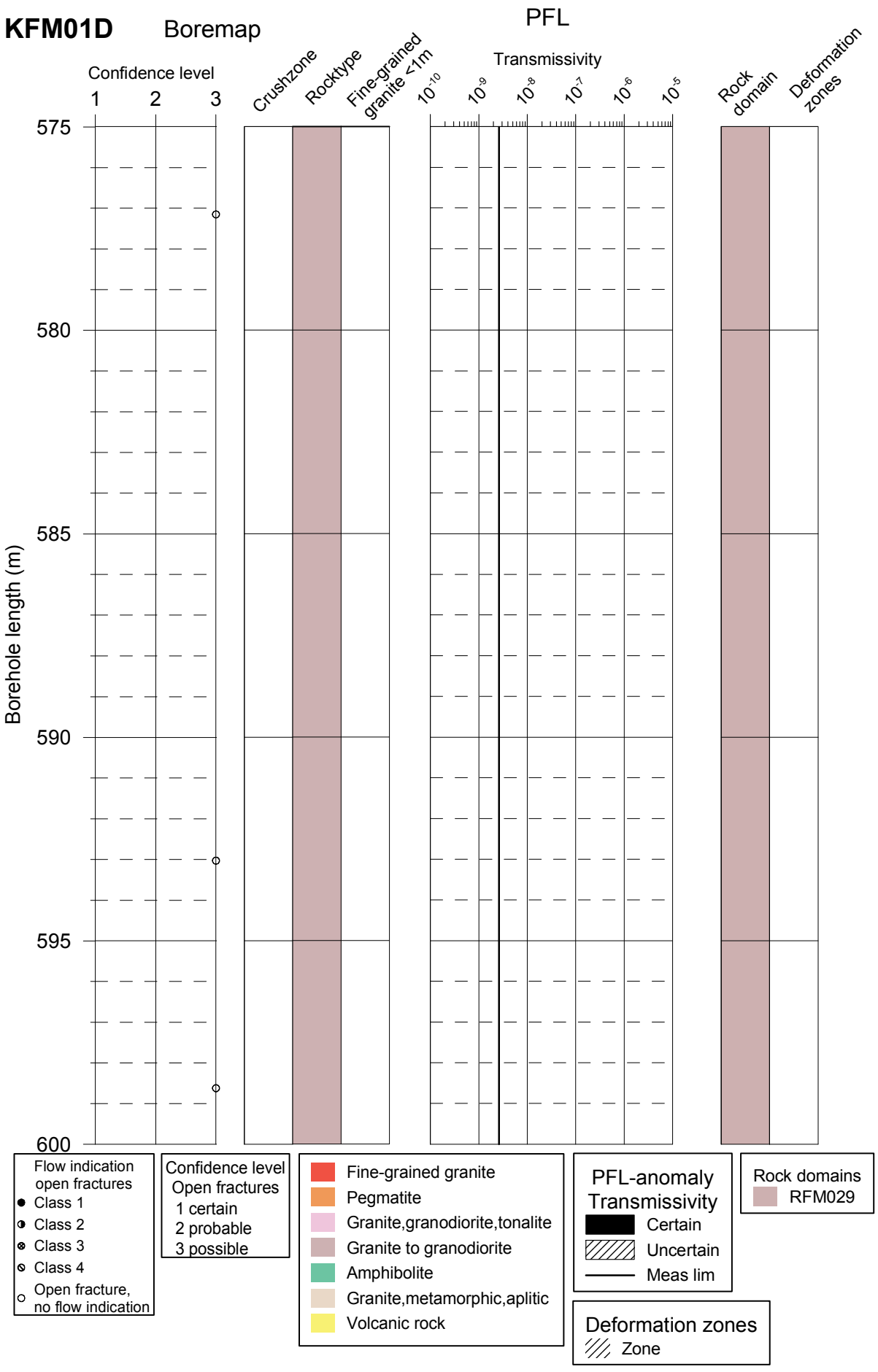

KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
450
455
460
465
470
475
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

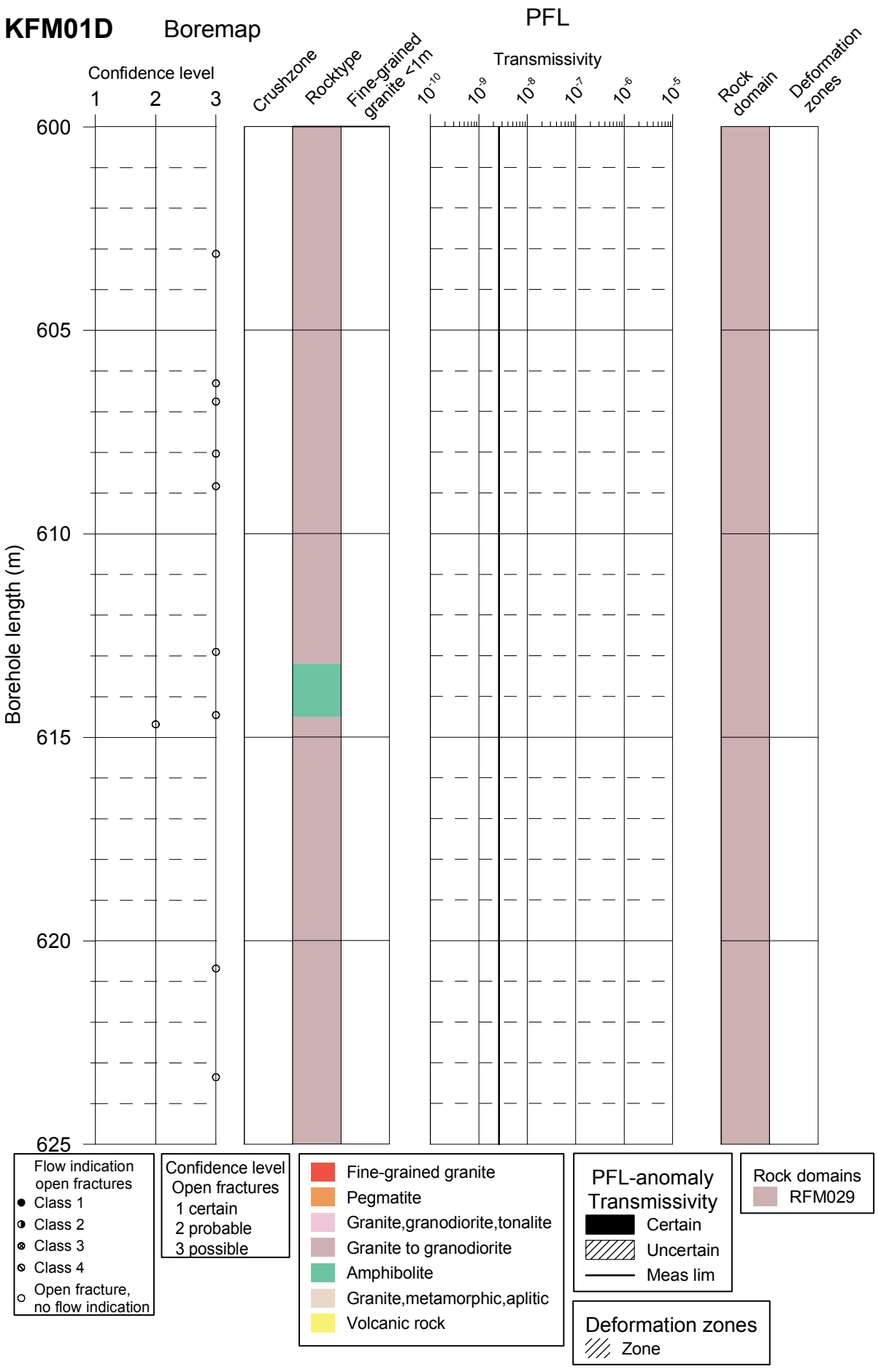

KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
475
480
485
490
495
500
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

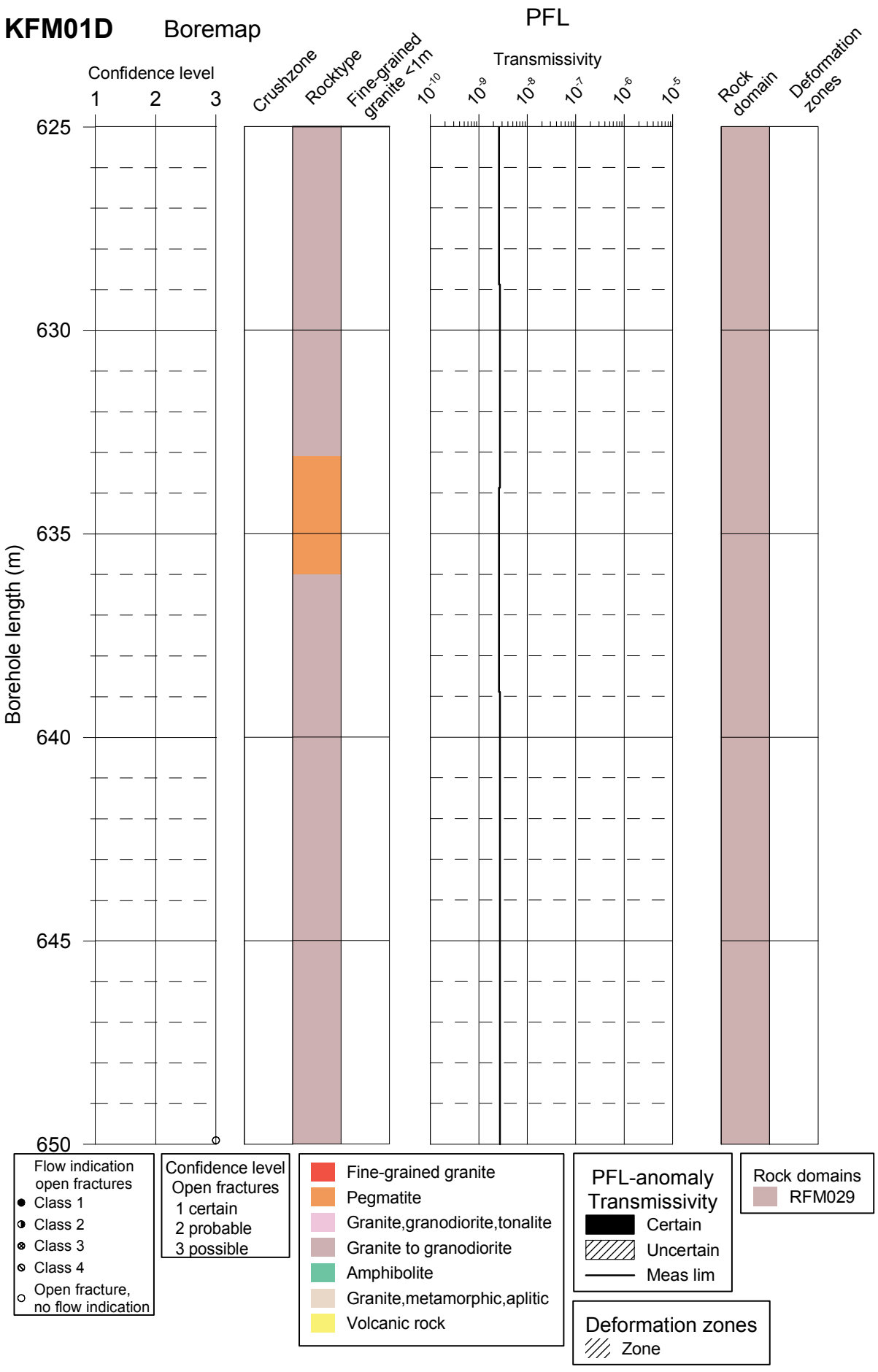

KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
500
505
510
515
520
525
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

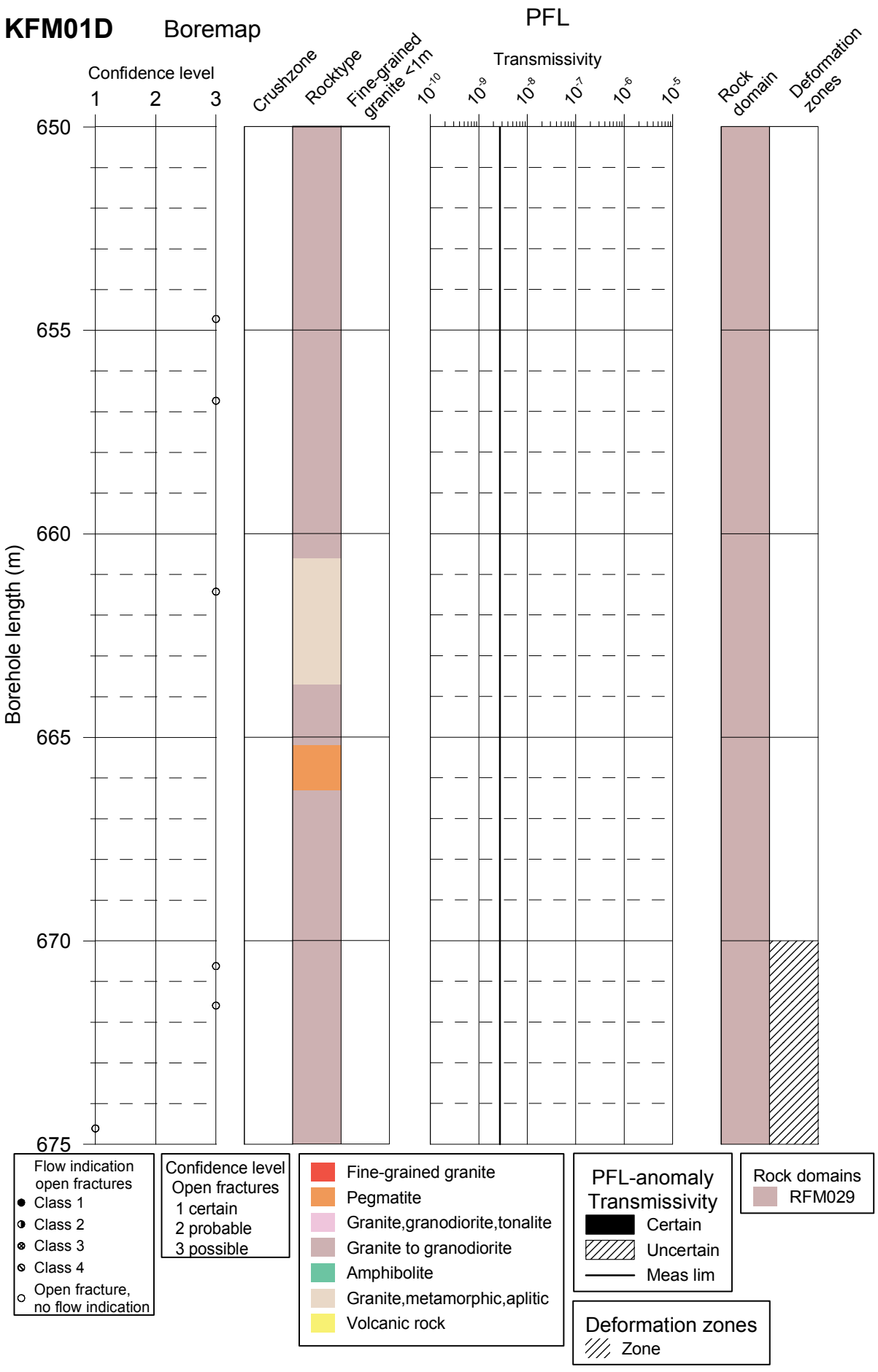

KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
525
530
535
540
545
550
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

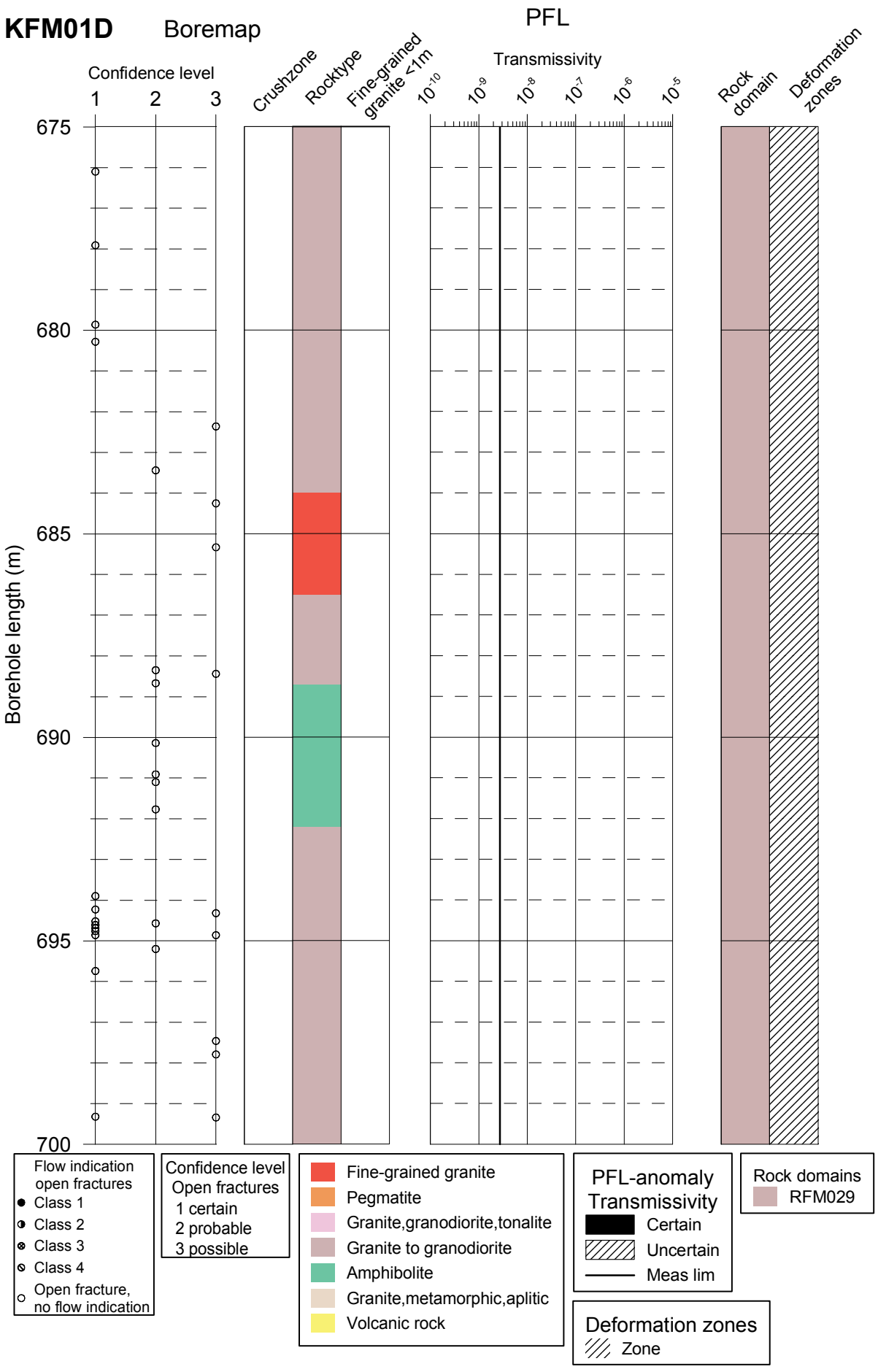

KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
550
555
560
565
570
575
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

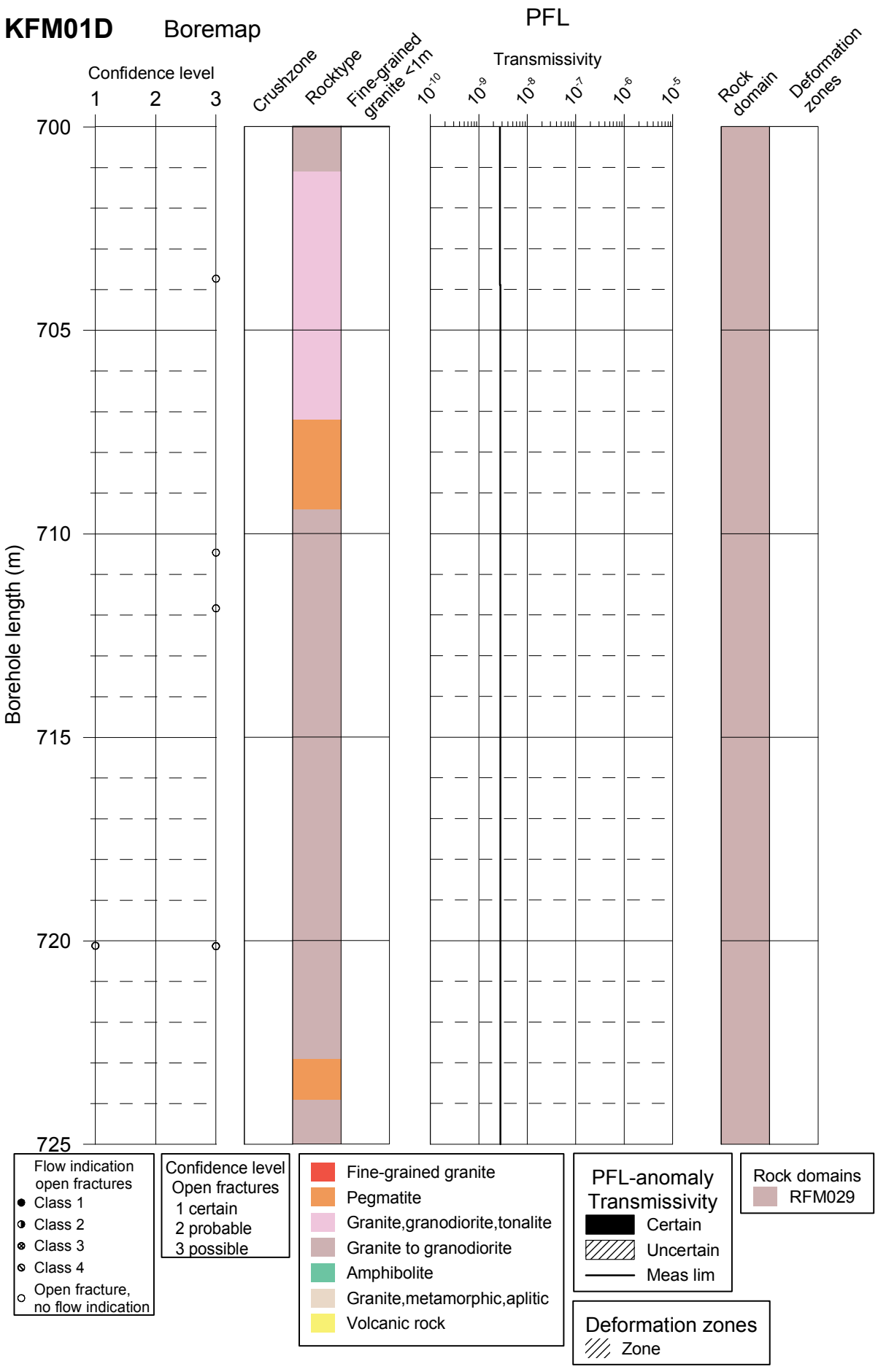

KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
575
580
585
590
595
600
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

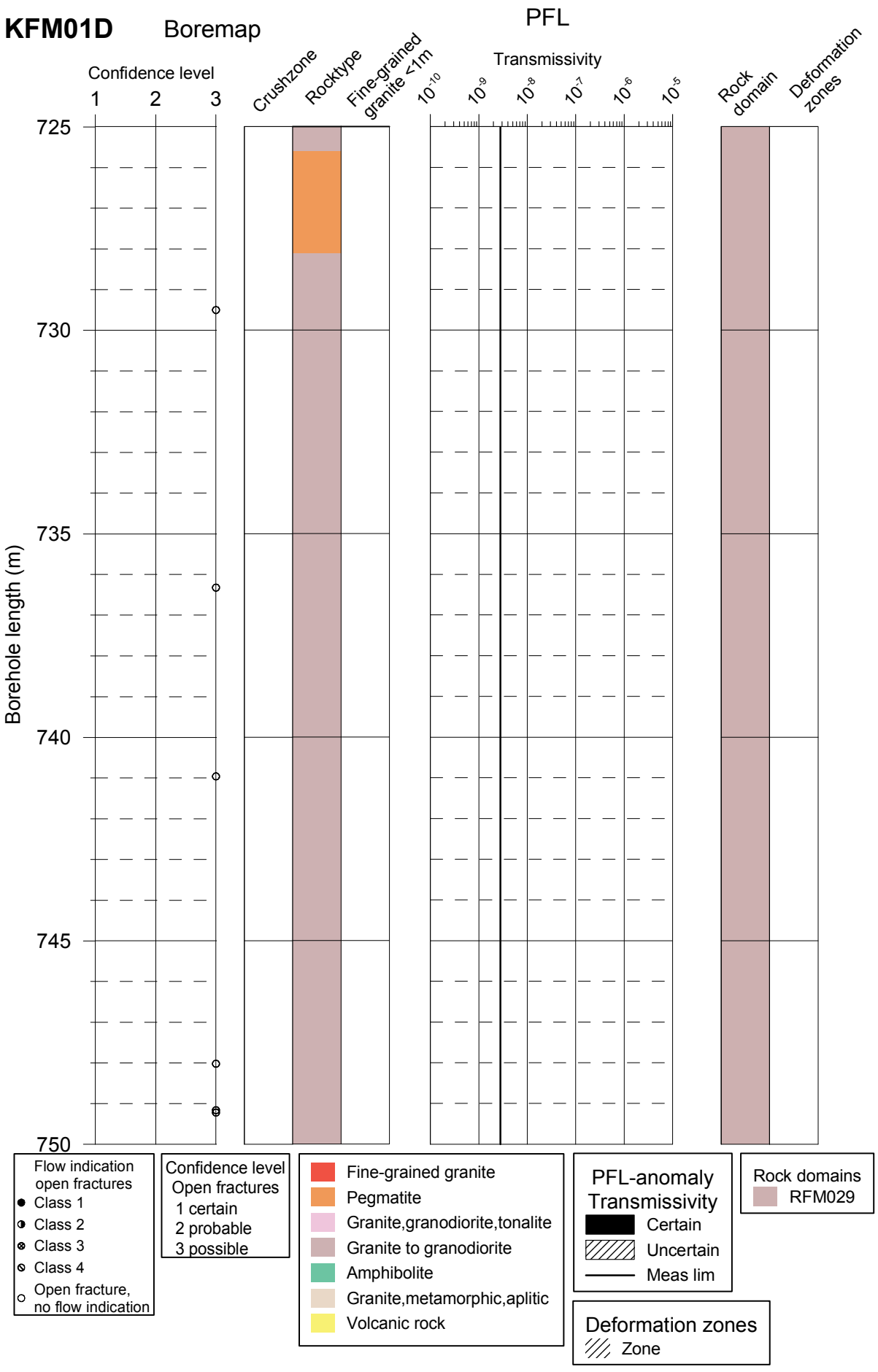

KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
600
605
610
615
620
625
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

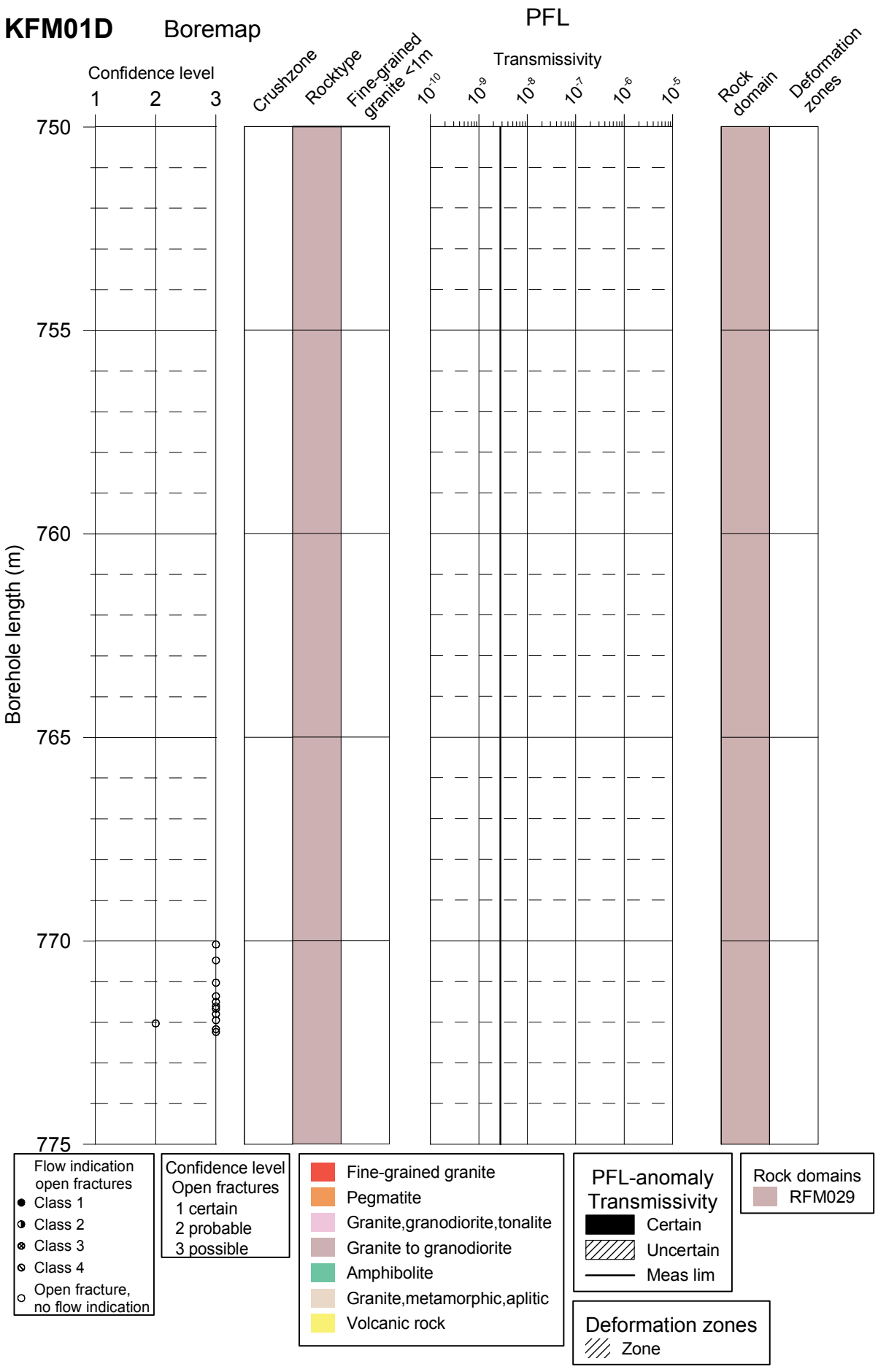

KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
625
630
635
640
645
650
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

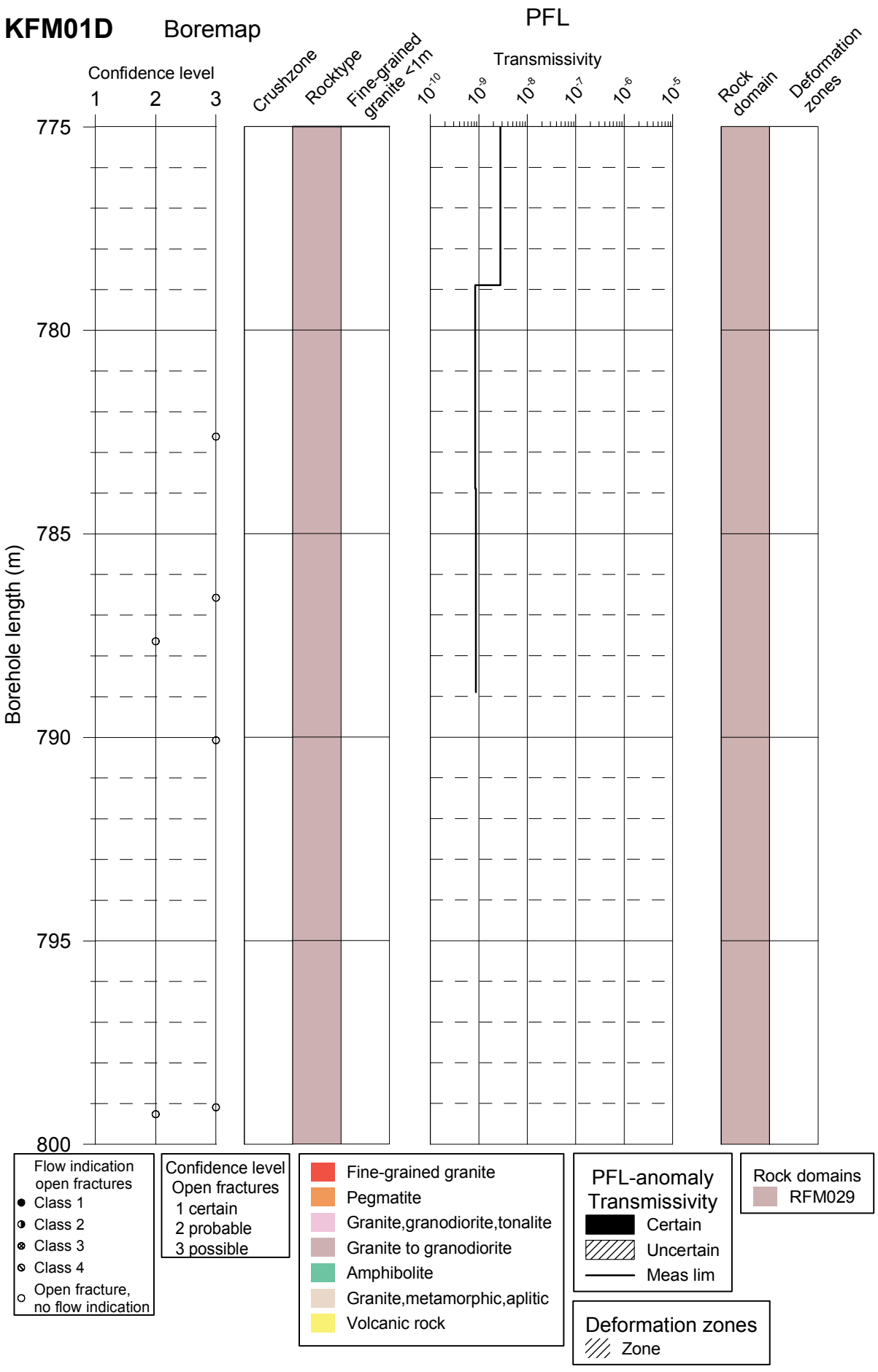

KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
650
655
660
665
670
675
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone


KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
675
680
685
690
695
700
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone


KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
700
705
710
715
720
725
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone


KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
725
730
735
740
745
750
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone


KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
750
755
760
765
770
775
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone


KFM01D
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
775
780
785
790
795
800
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

KFM01D

Table A1-1. KFM01D. Interpretation of PFL measurements and BOREMAP data

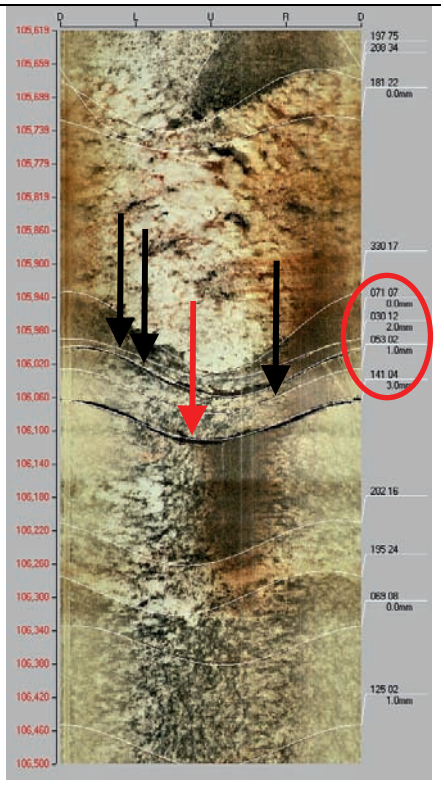
PFL anom. No	PFL anom data	Boremap data	BIPS Image
1a	Bh-length (m) = 106.00 T (m^2/s) = * 5.05E-8 PFL confidence= Certain	Adjusted secup (m) = 106.01 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
1b		Adjusted secup (m) = 106.03 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
1c		Adjusted secup (m) = 106.05 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
1d		Adjusted secup (m) = 106.09 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2 **Best choice**	

Table A1-2. KFM01D. Interpretation of PFL measurements and BOREMAP data

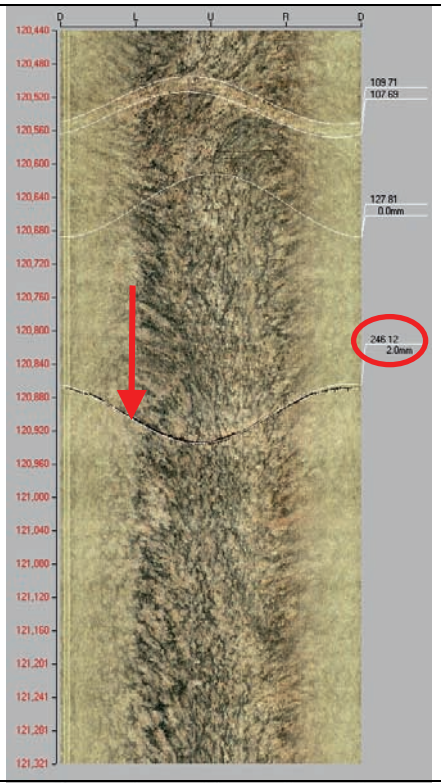
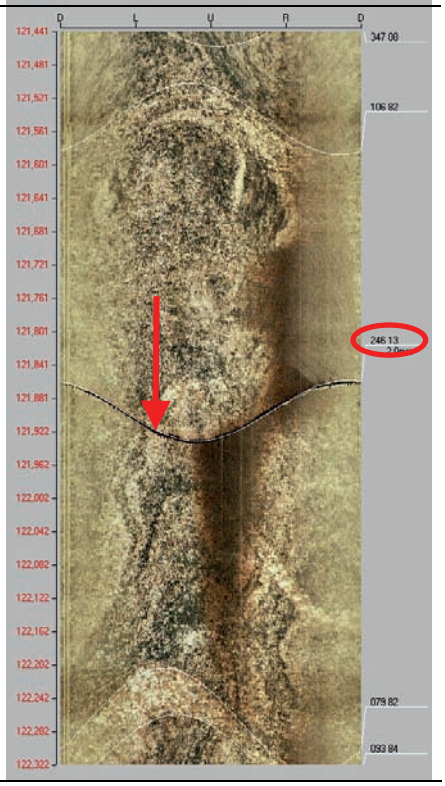
PFL anom. No	PFL anom data	Boremap data	BIPS Image
2	Bh-length (m) = 120.90 T (m^2/s) = * 1.66E-7 PFL confidence= Certain	Adjusted secup (m) = 120.90 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
3	Bh-length (m) = 121.90 T (m^2/s) = * 6.11E-8 PFL confidence= Certain	Adjusted secup (m) = 121.90 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A1-3. KFM01D. Interpretation of PFL measurements and BOREMAP data

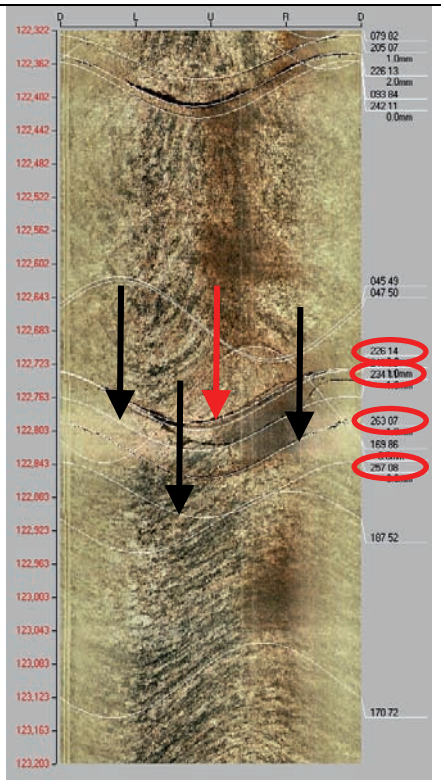
PFL anom. No	PFL anom data	Boremap data	BIPS Image
4a	Bh-length (m) = 122.70 T (m^2/s) = * 3.56E-8 PFL confidence= Certain	Adjusted secup (m) = 122.76 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
4b		Adjusted secup (m) = 122.79 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
4c		Adjusted secup (m) = 122.83 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
4d		Adjusted secup (m) = 122.87 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	

Table A1-4. KFM01D. Interpretation of PFL measurements and BOREMAP data

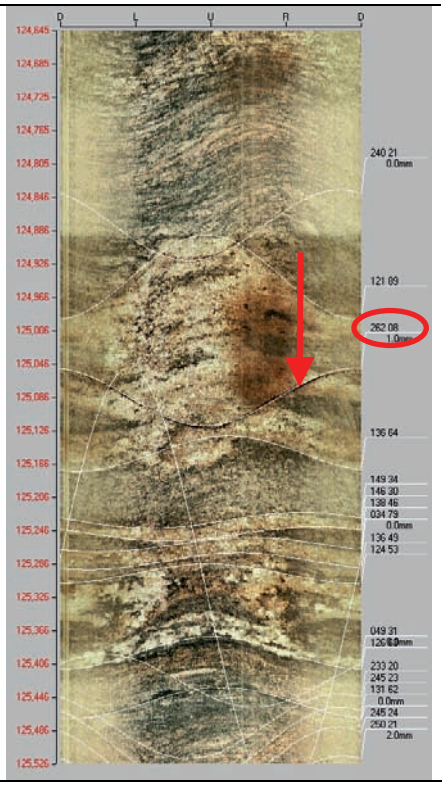
PFL anom. No	PFL anom data	Boremap data	BIPS Image
5	Bh-length (m) = 125.00 T (m^2/s) = * 8.08E-9 PFL confidence= Certain	Adjusted secup (m) = 125.09 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A1-5. KFM01D. Interpretation of PFL measurements and BOREMAP data

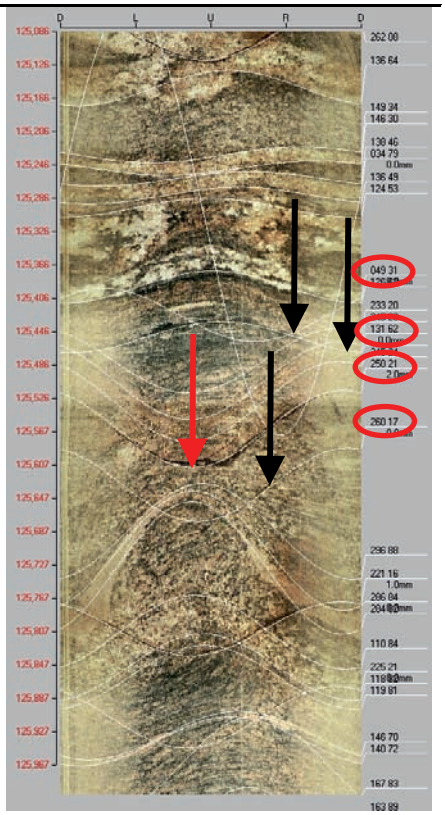
PFL anom. No	PFL anom data	Boremap data	BIPS Image
6a	Bh-length (m) = 125.50 T (m^2/s) = * 9.19E-9 PFL confidence= Certain	Adjusted secup (m) = 125.43 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
6b		Adjusted secup (m) = 125.45 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
6c		Adjusted secup (m) = 125.56 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
6d		Adjusted secup (m) = 125.63 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	

Table A1-6. KFM01D. Interpretation of PFL measurements and BOREMAP data

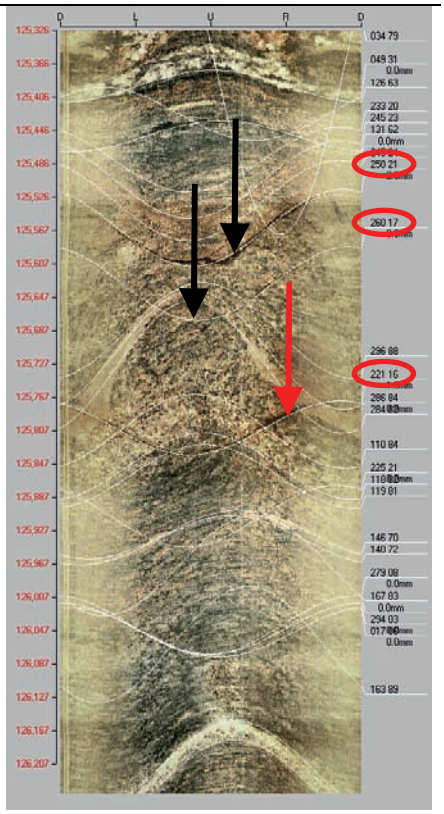
PFL anom. No	PFL anom data	Boremap data	BIPS Image
7a	Bh-length (m) = 125.70 T (m^2/s) = * 1.35E-8 PFL confidence= Certain	Adjusted secup (m) = 125.56 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
7b		Adjusted secup (m) = 125.63 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
7c		Adjusted secup (m) = 125.80 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1 **Best choice**	

Table A1-7. KFM01D. Interpretation of PFL measurements and BOREMAP data

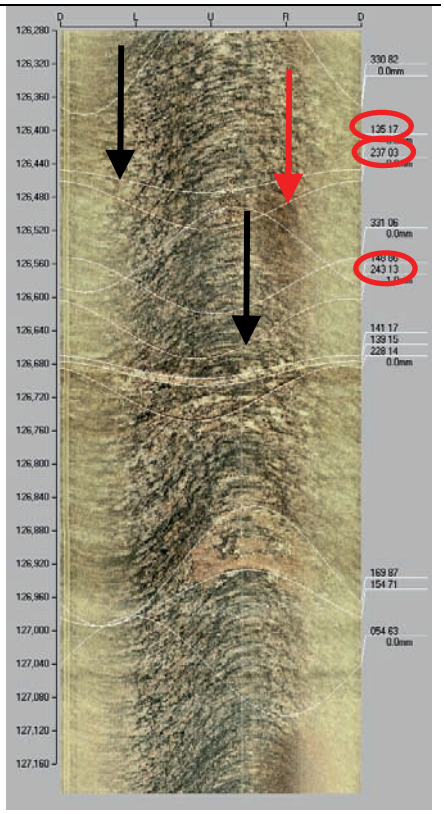
PFL anom. No	PFL anom data	Boremap data	BIPS Image
8a	Bh-length (m) = 126.70 T (m^2/s) = * 1.34E-9 PFL confidence= Certain	Adjusted secup (m) = 126.51 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
8b		Adjusted secup (m) = 126.54 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2 **Best choice**	
8c		Adjusted secup (m) = 126.69 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A1-8. KFM01D. Interpretation of PFL measurements and BOREMAP data

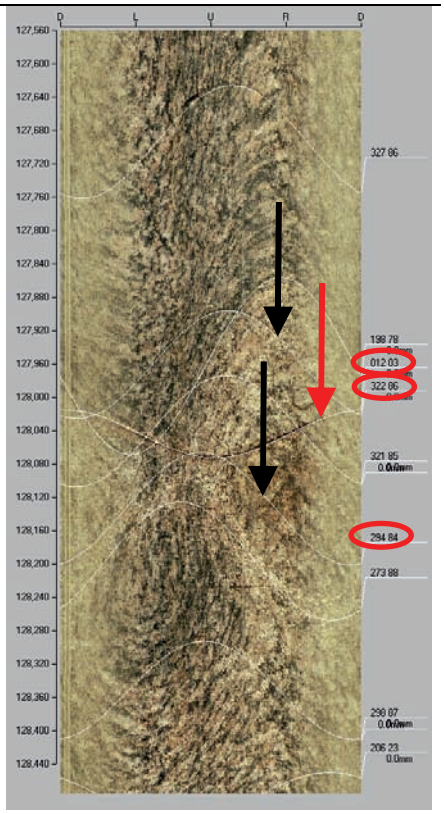
PFL anom. No	PFL anom data	Boremap data	BIPS Image
9a	Bh-length (m) = 128.00 T (m^2/s) = * 6.59E-10 PFL confidence= Uncertain	Adjusted secup (m) = 128.09 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
9b		Adjusted secup (m) = 128.09 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
9c		Adjusted secup (m) = 128.18 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	

Table A1-9. KFM01D. Interpretation of PFL measurements and BOREMAP data

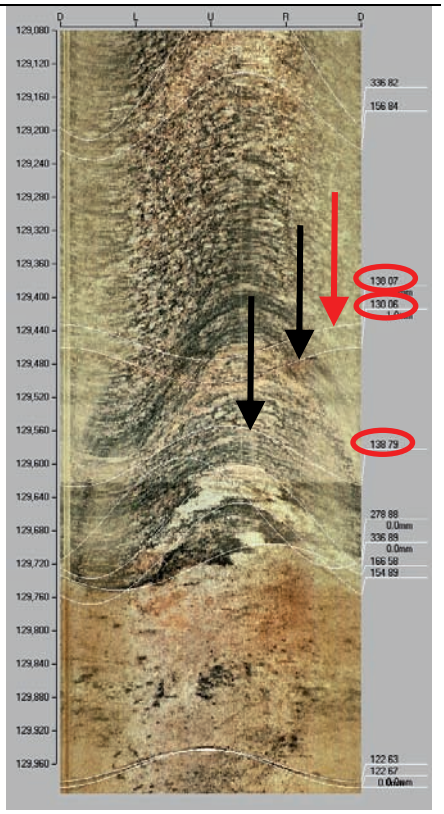
PFL anom. No	PFL anom data	Boremap data	BIPS Image
10a	Bh-length (m) = 129.50 T (m^2/s) = * 1.77E-8 PFL confidence= Certain	Adjusted secup (m) = 129.51 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
10b		Adjusted secup (m) = 129.53 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
10c		Adjusted secup (m) = 129.64 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	

Table A1-10. KFM01D. Interpretation of PFL measurements and BOREMAP data

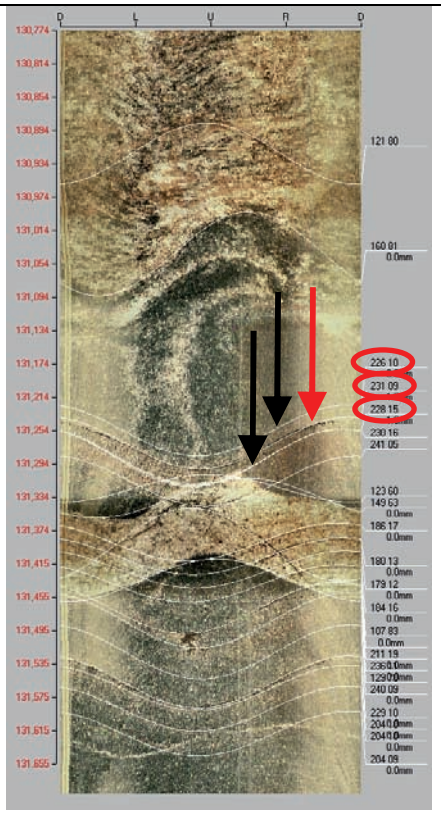
PFL anom. No	PFL anom data	Boremap data	BIPS Image
11a	Bh-length (m) = 131.19 T (m^2/s) = * 1.13E-8 PFL confidence= Certain	Adjusted secup (m) = 131.25 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
11b		Adjusted secup (m) = 131.27 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
11c		Adjusted secup (m) = 131.29 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A1-11. KFM01D. Interpretation of PFL measurements and BOREMAP data

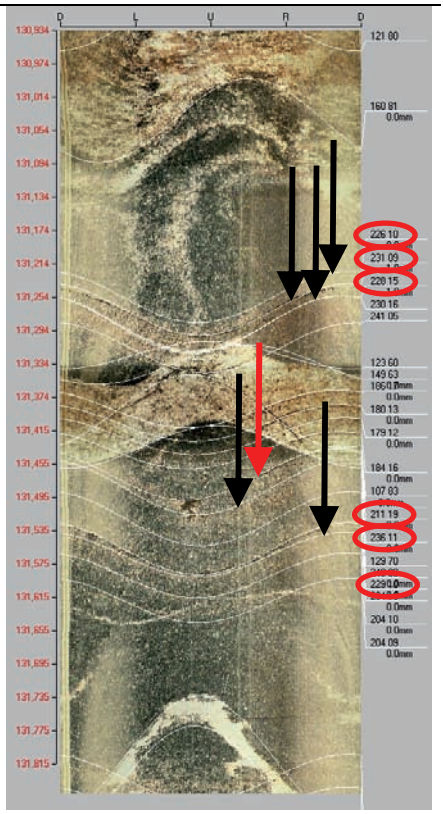
PFL anom. No	PFL anom data	Boremap data	BIPS Image
12a	Bh-length (m) = 131.39 T (m^2/s) = * 1.90E-8 PFL confidence= Certain	Adjusted secup (m) = 131.25 Fract_interpret / varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
12b		Adjusted secup (m) = 131.27 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
12c		Adjusted secup (m) = 131.29 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
12d		Adjusted secup (m) = 131.47 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1 **Best choice**	

Table A1-12. KFM01D. Interpretation of PFL measurements and BOREMAP data

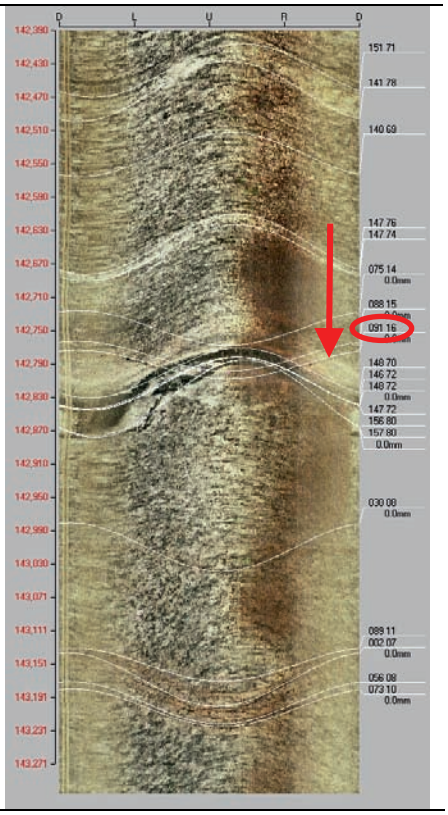
PFL anom. No	PFL anom data	Boremap data	BIPS Image
12e	Bh-length (m) = 131.39 T (m^2/s) = * 1.90E-8 PFL confidence= Certain	Adjusted secup (m) = 131.48 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
12f		Adjusted secup (m) = 131.56 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
13	Bh-length (m) = 142.79 T (m2/s) = * 1.19E-9 PFL confidence= Uncertain	Adjusted secup (m) = 142.79 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	

Table A1-13. KFM01D. Interpretation of PFL measurements and BOREMAP data

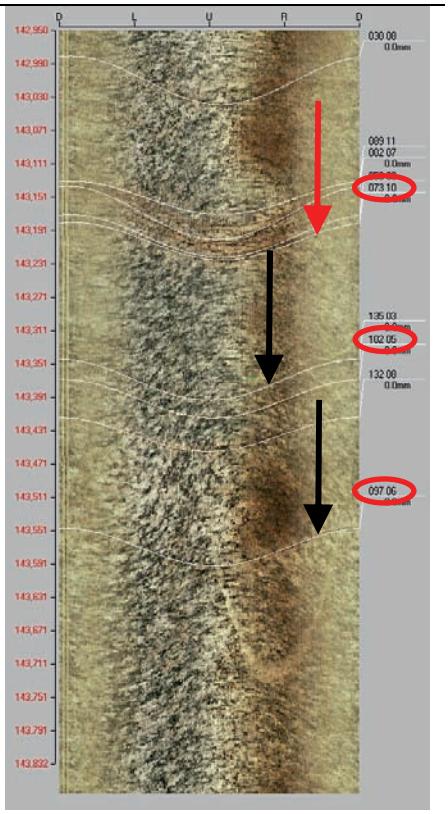
PFL anom. No	PFL anom data	Boremap data	BIPS Image
14a	Bh-length (m) = 143.39 T (m2/s) = * 3.59E-9 PFL confidence= Certain	Adjusted secup (m) = 143.20 Fract_interpret / varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2 **Best choice**	
14b		Adjusted secup (m) = 143.39 Fract_interpret / varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
14c		Adjusted secup (m) = 143.57 Fract_interpret / varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	

Table A1-14. KFM01D. Interpretation of PFL measurements and BOREMAP data

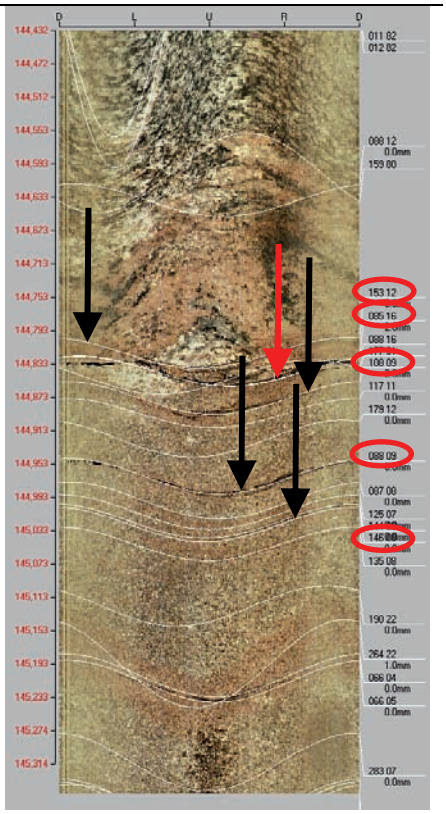
PFL anom. No	PFL anom data	Boremap data	BIPS Image
15a	Bh-length (m) = 144.89 T (m2/s) = * 2.02E-6 PFL confidence= Certain	Adjusted secup (m) = 144.82 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
15b		Adjusted secup (m) = 144.84 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
15c		Adjusted secup (m) = 144.87 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
15d		Adjusted secup (m) = 144.97 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
15e		Adjusted secup (m) = 145.03 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	

Table A1-15. KFM01D. Interpretation of PFL measurements and BOREMAP data

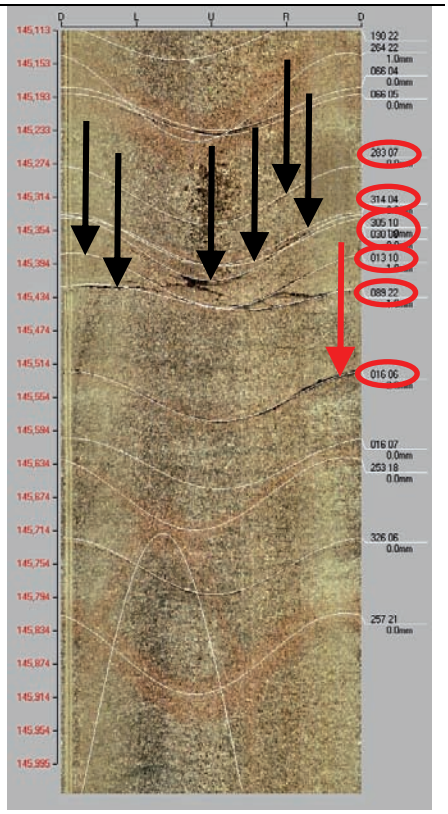
PFL anom. No	PFL anom data	Boremap data	BIPS Image
16a	Bh-length (m) = 145.49 T (m2/s) = * 2.32E-7 PFL confidence= Certain	Adjusted secup (m) = 145.31 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
16b		Adjusted secup (m) = 145.36 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
16c		Adjusted secup (m) = 145.37 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
16d		Adjusted secup (m) = 145.37 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
16e		Adjusted secup (m) = 145.41 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A1-15 contin. KFM01D.

PFL anom. No	PFL anom data	Boremap data	BIPS Image
16f	Bh-length (m) = 145.49 T (m2/s) = * 2.32E-7 PFL confidence= Certain	Adjusted secup (m) = 145.43 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
16g		Adjusted secup (m) = 145.55 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	

Table A1-16. KFM01D. Interpretation of PFL measurements and BOREMAP data

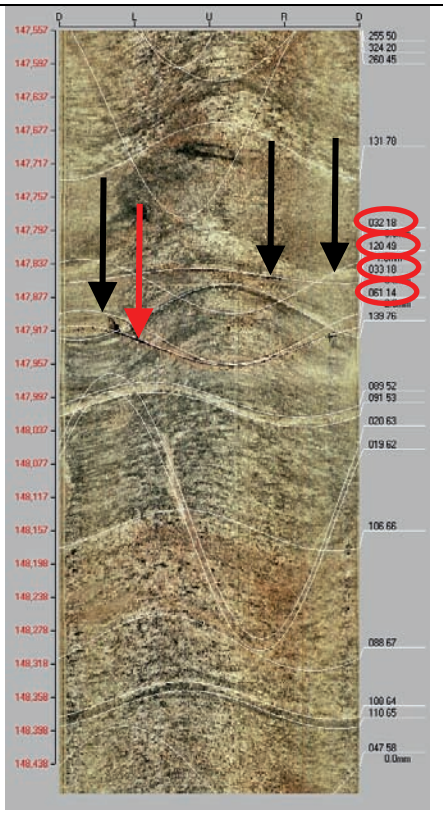
PFL anom. No	PFL anom data	Boremap data	BIPS Image
17a	Bh-length (m) = 147.99 T (m2/s) = * 2.30E-6 PFL confidence= Certain	Adjusted secup (m) = 147.85 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
17b		Adjusted secup (m) = 147.86 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
17c		Adjusted secup (m) = 147.93 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
17d		Adjusted secup (m) = 147.94 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	

Table A1-17. KFM01D. Interpretation of PFL measurements and BOREMAP data

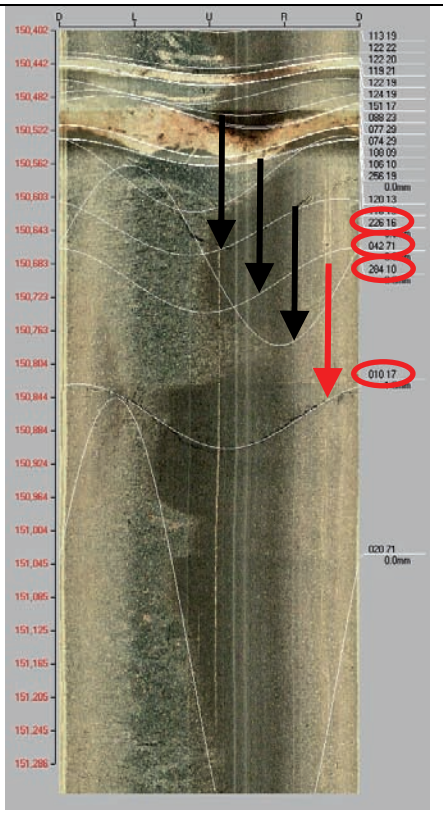
PFL anom. No	PFL anom data	Boremap data	BIPS Image
18a	Bh-length (m) = 150.79 T (m2/s) = * 1.91E-7 PFL confidence= Certain	Adjusted secup (m) = 150.64 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
18b		Adjusted secup (m) = 150.67 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
18c		Adjusted secup (m) = 150.70 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
18d		Adjusted secup (m) = 150.87 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	

Table A1-18. KFM01D. Interpretation of PFL measurements and BOREMAP data

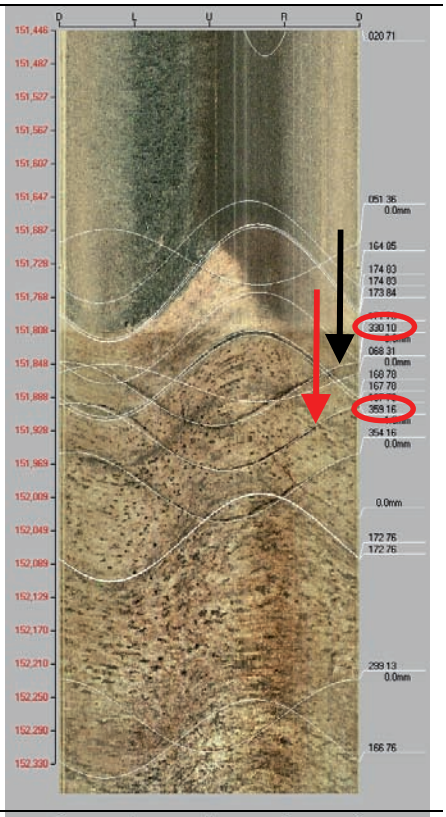
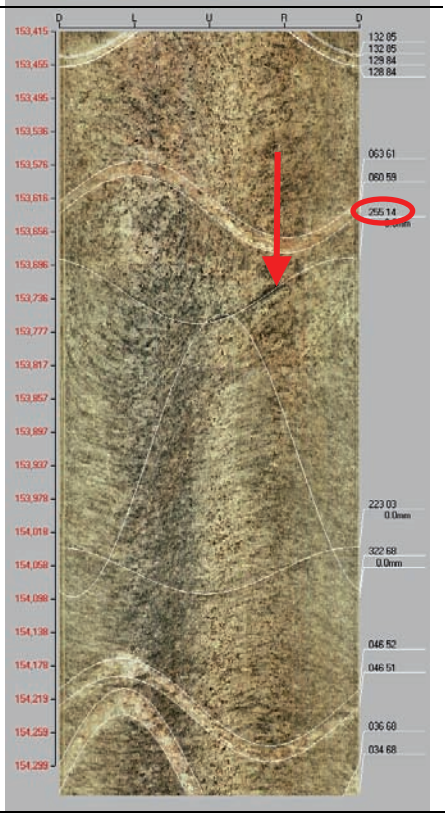
PFL anom. No	PFL anom data	Boremap data	BIPS Image
19a	Bh-length (m) = 151.89 T (m2/s) = * 1.48E-7 PFL confidence= Certain	Adjusted secup (m) = 151.88 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
19b		Adjusted secup (m) = 151.94 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
20	Bh-length (m) = 153.89 T (m2/s) = * 3.23E-9 PFL confidence= Uncertain	Adjusted secup (m) = 153.73 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	

Table A1-19. KFM01D. Interpretation of PFL measurements and BOREMAP data

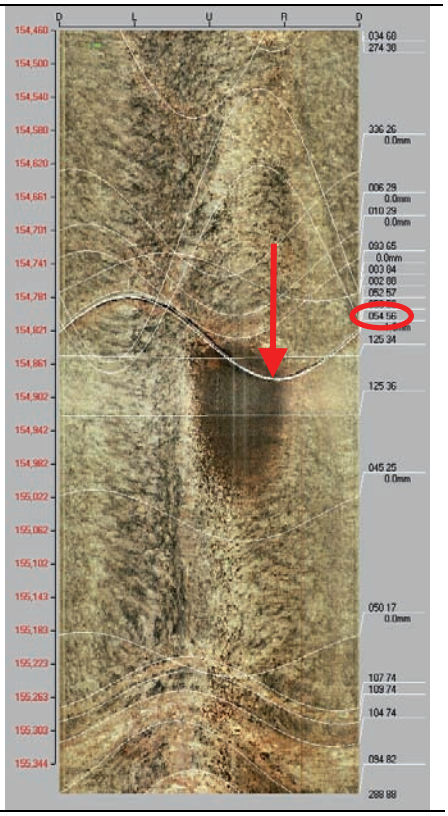
PFL anom. No	PFL anom data	Boremap data	BIPS Image
21	Bh-length (m) = 154.89 T (m2/s) = * 4.07E-9 PFL confidence= Certain	Adjusted secup (m) = 154.83 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A1-20. KFM01D. Interpretation of PFL measurements and BOREMAP data

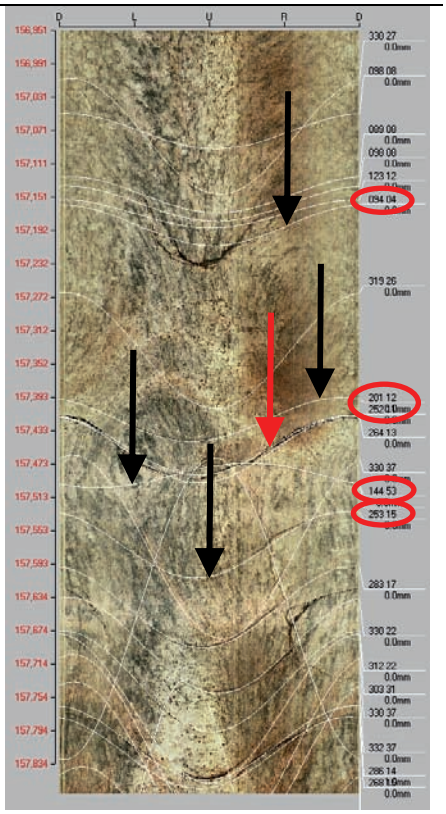
PFL anom. No	PFL anom data	Boremap data	BIPS Image
22a	Bh-length (m) = 157.39 T (m2/s) = * 2.36E-8 PFL confidence= Certain	Adjusted secup (m) = 157.19 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
22b		Adjusted secup (m) = 157.42 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
22c		Adjusted secup (m) = 157.45 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
22d		Adjusted secup (m) = 157.49 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
22e		Adjusted secup (m) = 157.57 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	

Table A1-21. KFM01D. Interpretation of PFL measurements and BOREMAP data

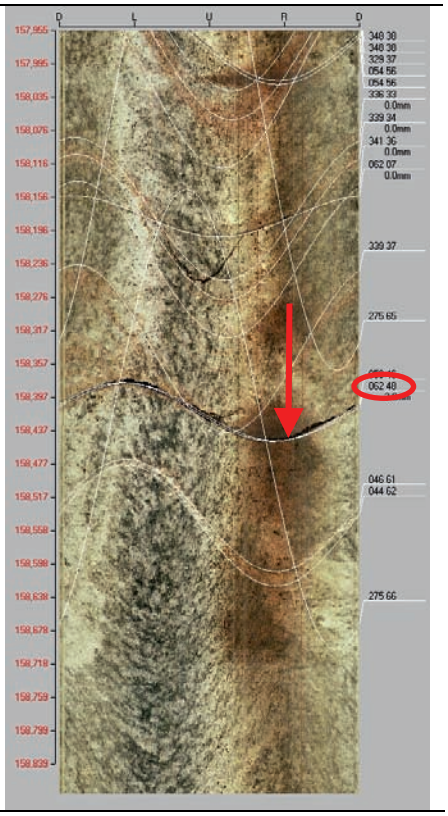
PFL anom. No	PFL anom data	Boremap data	BIPS Image
23	Bh-length (m) = 158.39 T (m2/s) = * 4.46E-9 PFL confidence= Certain	Adjusted secup (m) = 158.41 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A1-22. KFM01D. Interpretation of PFL measurements and BOREMAP data

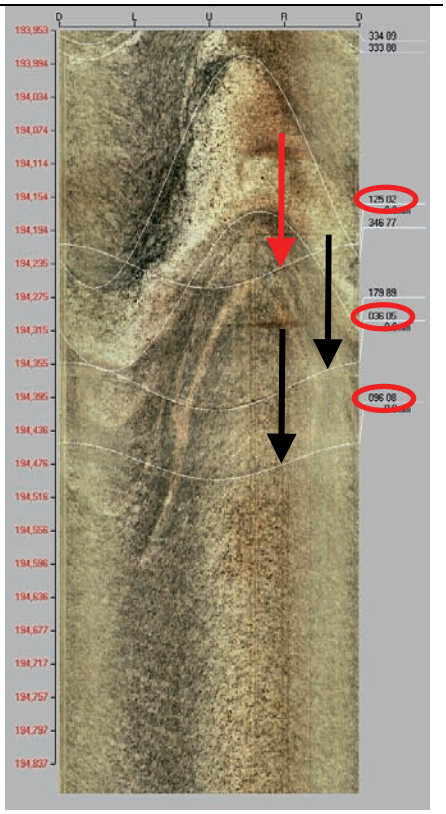
PFL anom. No	PFL anom data	Boremap data	BIPS Image
24a	Bh-length (m) = 194.39 T (m2/s) = * 6.53E-9 PFL confidence= Certain	Adjusted secup (m) = 194.24 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2 **Best choice**	
24b		Adjusted secup (m) = 194.38 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
24c		Adjusted secup (m) = 194.47 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A1-23. KFM01D. Interpretation of PFL measurements and BOREMAP data

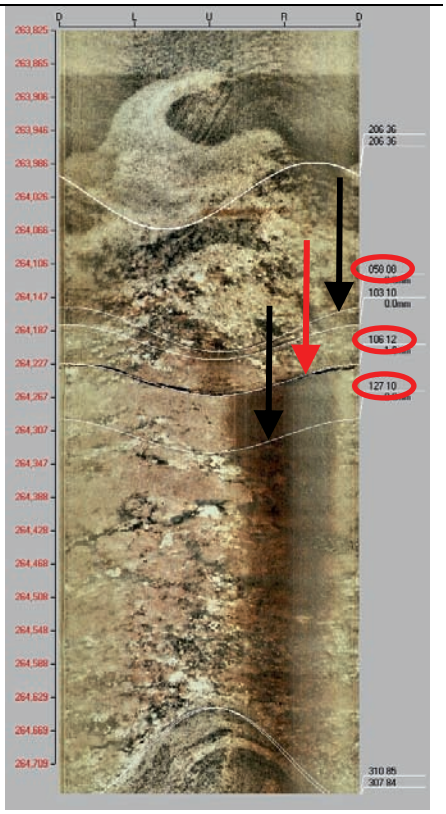
PFL anom. No	PFL anom data	Boremap data	BIPS Image
25a	Bh-length (m) = 264.29 T (m2/s) = * 1.30E-9 PFL confidence= Certain	Adjusted secup (m) = 264.19 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
25b		Adjusted secup (m) = 264.25 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
25c		Adjusted secup (m) = 264.31 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	

Table A1-24. KFM01D. Interpretation of PFL measurements and BOREMAP data

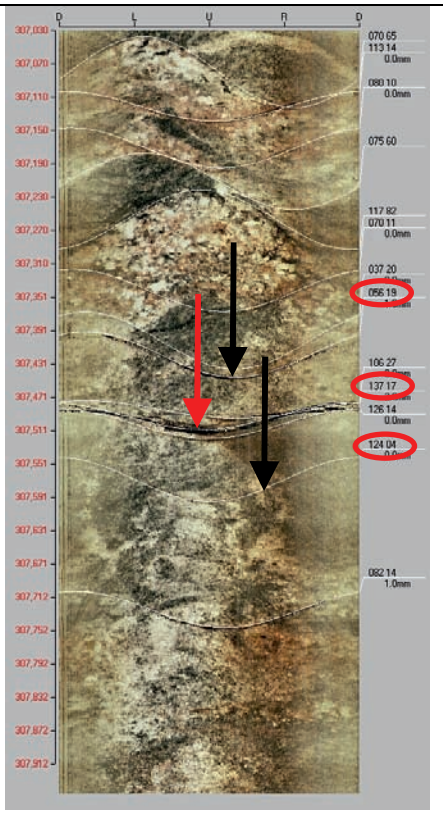
PFL anom. No	PFL anom data	Boremap data	BIPS Image
26a	Bh-length (m) = 307.39 T (m2/s) = * 9.89E-8 PFL confidence= Certain	Adjusted secup (m) = 307.42 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
26b		Adjusted secup (m) = 307.49 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
26c		Adjusted secup (m) = 307.50 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	

Table A1-25. KFM01D. Interpretation of PFL measurements and BOREMAP data

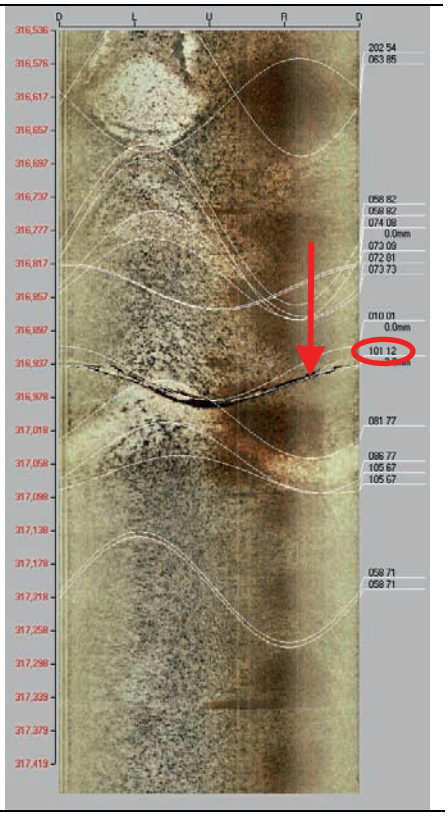
PFL anom. No	PFL anom data	Boremap data	BIPS Image
27	Bh-length (m) = 316.90 T (m2/s) = * 1.83E-7 PFL confidence= Certain	Adjusted secup (m) = 316.96 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A1-26. KFM01D. Interpretation of PFL measurements and BOREMAP data

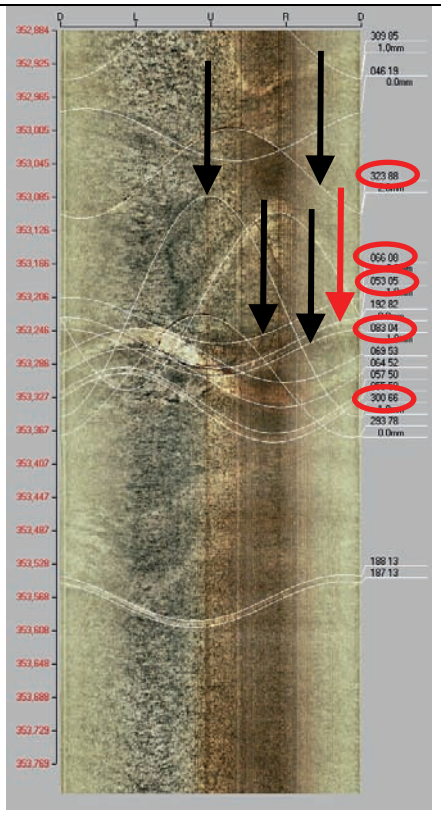
PFL anom. No	PFL anom data	Boremap data	BIPS Image
28a	Bh-length (m) = 353.24 T (m2/s) = * 3.42E-9 PFL confidence= Uncertain	Adjusted secup (m) = 353.06 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
28b		Adjusted secup (m) = 353.22 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
28c		Adjusted secup (m) = 353.23 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
28d		Adjusted secup (m) = 353.26 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
28e		Adjusted secup (m) = 353.27 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A1-27. KFM01D. Interpretation of PFL measurements and BOREMAP data

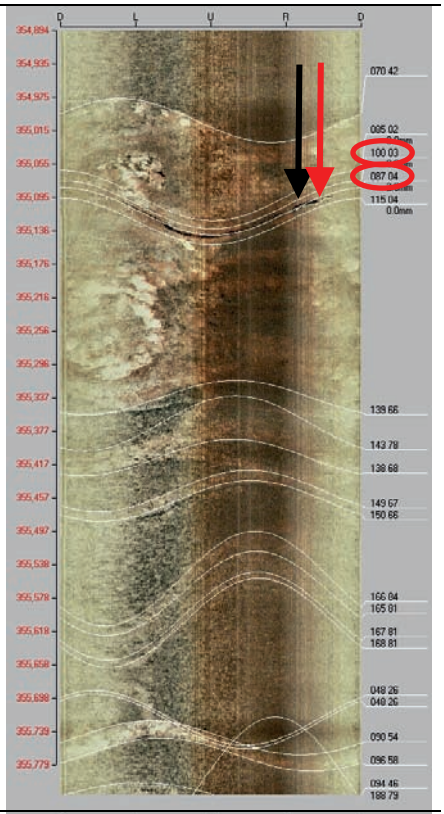
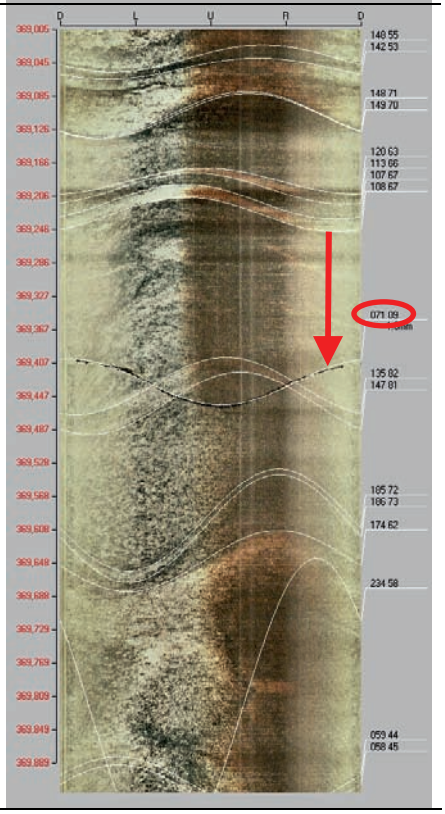
PFL anom. No	PFL anom data	Boremap data	BIPS Image
29a	Bh-length (m) = 355.24 T (m2/s) = * 2.22E-9 PFL confidence= Uncertain	Adjusted secup (m) = 355.10 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
29b		Adjusted secup (m) = 355.11 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2 **Best choice**	
30	Bh-length (m) = 369.46 T (m2/s) = * 1.60E-8 PFL confidence= Certain	Adjusted secup (m) = 369.43 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A1-28. KFM01D. Interpretation of PFL measurements and BOREMAP data

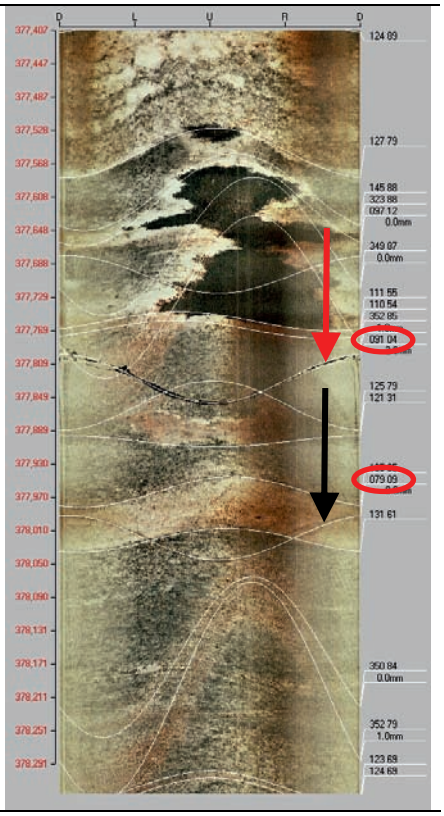
PFL anom. No	PFL anom data	Boremap data	BIPS Image
31a	Bh-length (m) = 377.87 T (m2/s) = * 8.21E-8 PFL confidence= Certain	Adjusted secup (m) = 377.83 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
31b		Adjusted secup (m) = 378.02 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	

Table A1-29. KFM01D. Interpretation of PFL measurements and BOREMAP data

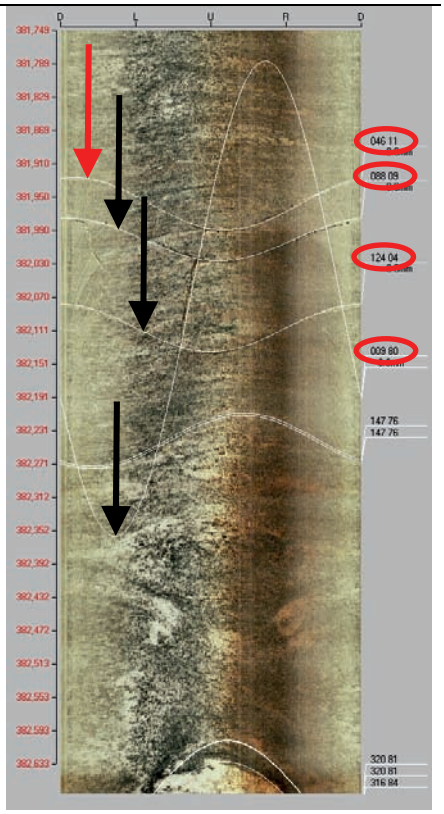
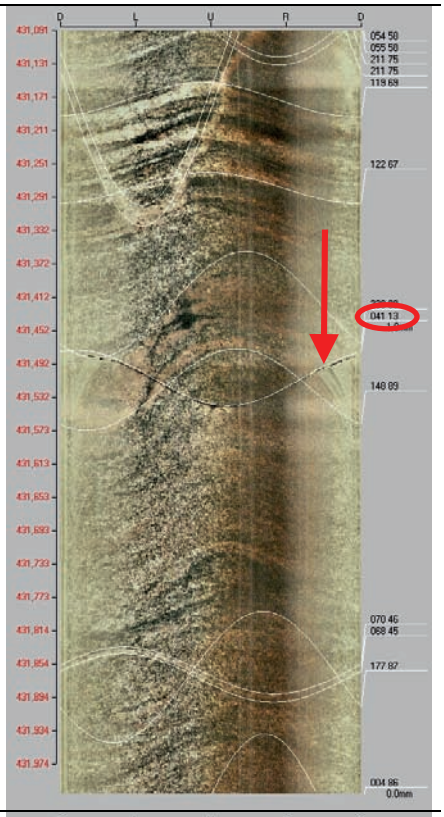
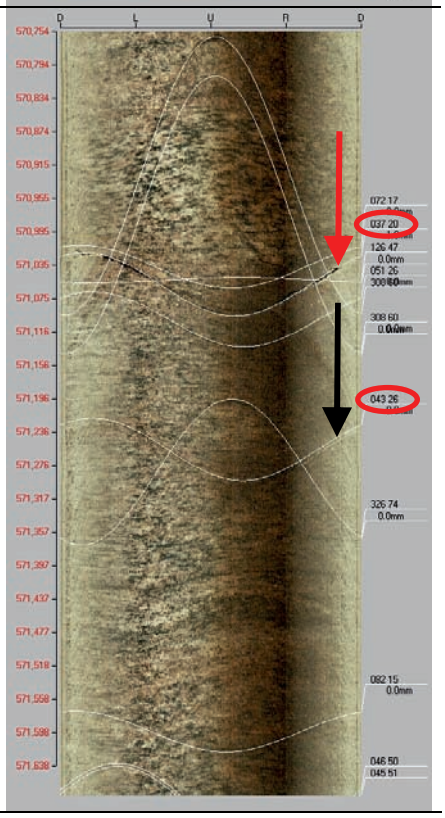
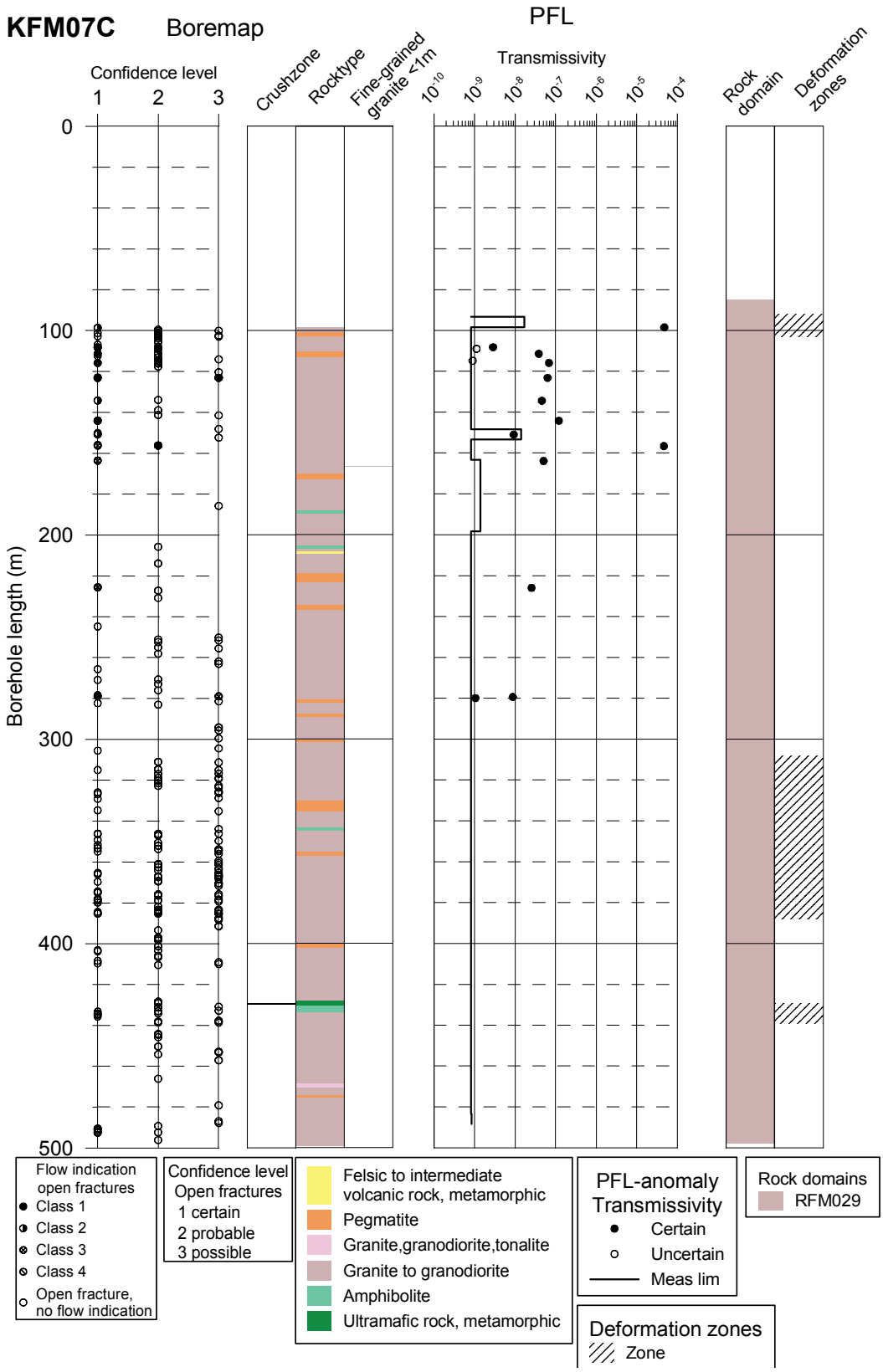
PFL anom. No	PFL anom data	Boremap data	BIPS Image
32a	Bh-length (m) = 381.97 T (m2/s) = * 2.90E-8 PFL confidence= Certain	Adjusted secup (m) = 381.96 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1 **Best choice**	
32b		Adjusted secup (m) = 382.00 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
32c		Adjusted secup (m) = 382.07 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
32d		Adjusted secup (m) = 382.11 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	

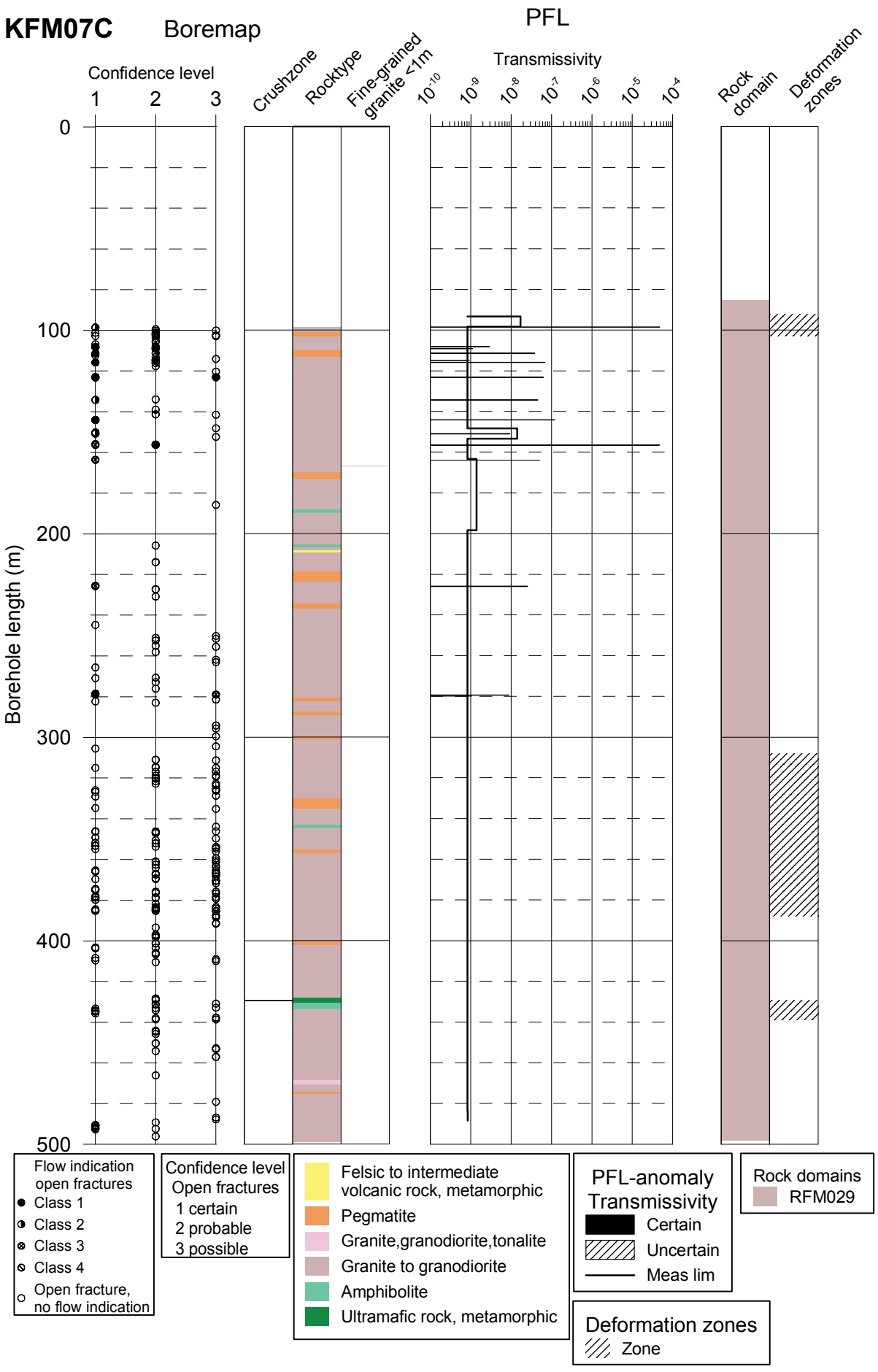
Table A1-30. KFM01D. Interpretation of PFL measurements and BOREMAP data

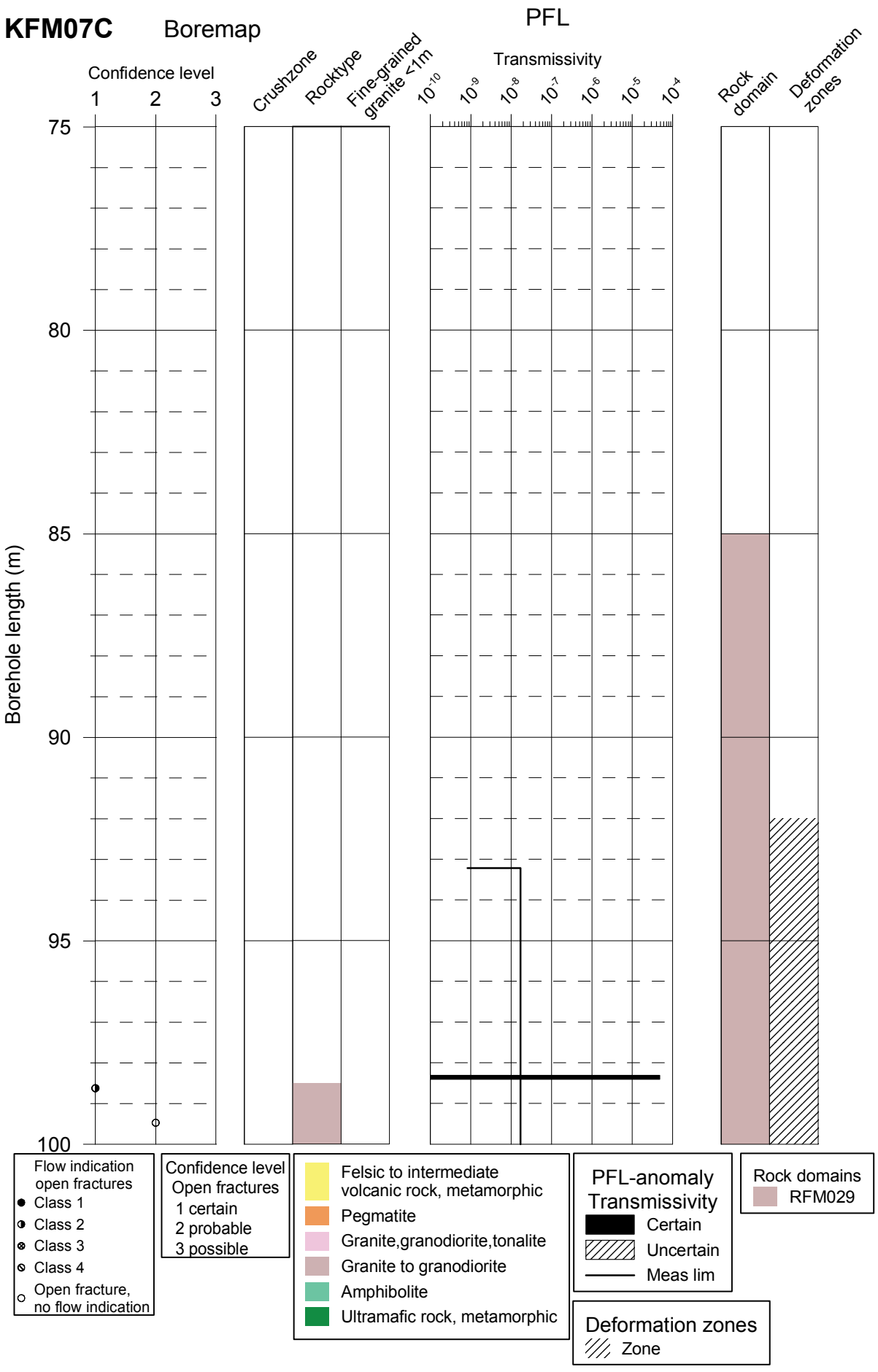
PFL anom. No	PFL anom data	Boremap data	BIPS Image
33	Bh-length (m) = 431.52 T (m2/s) = * 6.23E-8 PFL confidence= Certain	Adjusted secup (m) = 431.51 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
34a	Bh-length (m) = 571.17 T (m2/s) = * 1.59E-8 PFL confidence= Certain	Adjusted secup (m) = 571.06 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2 **Best choice**	
34b		Adjusted secup (m) = 571.26 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

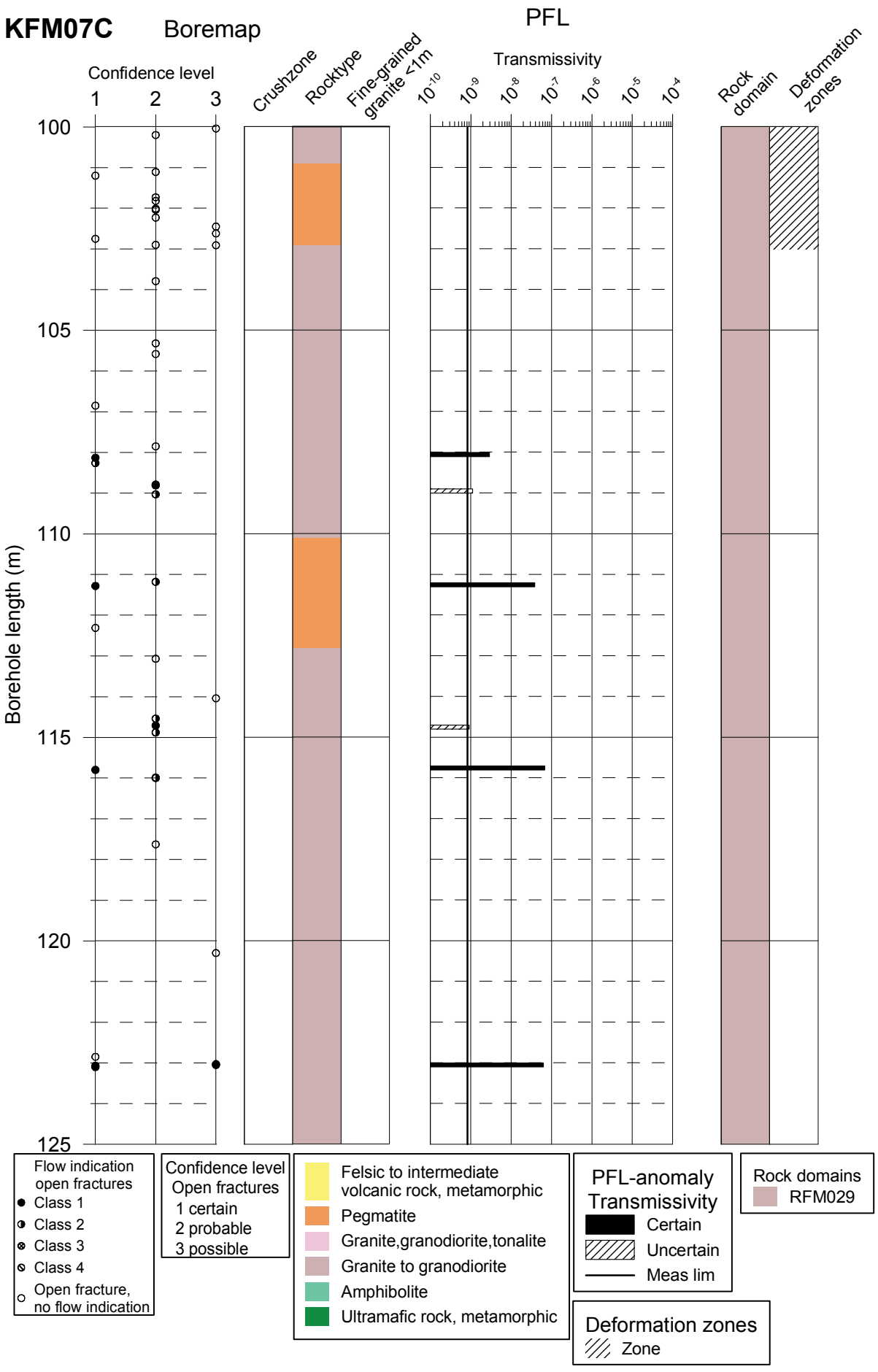
KFM07C

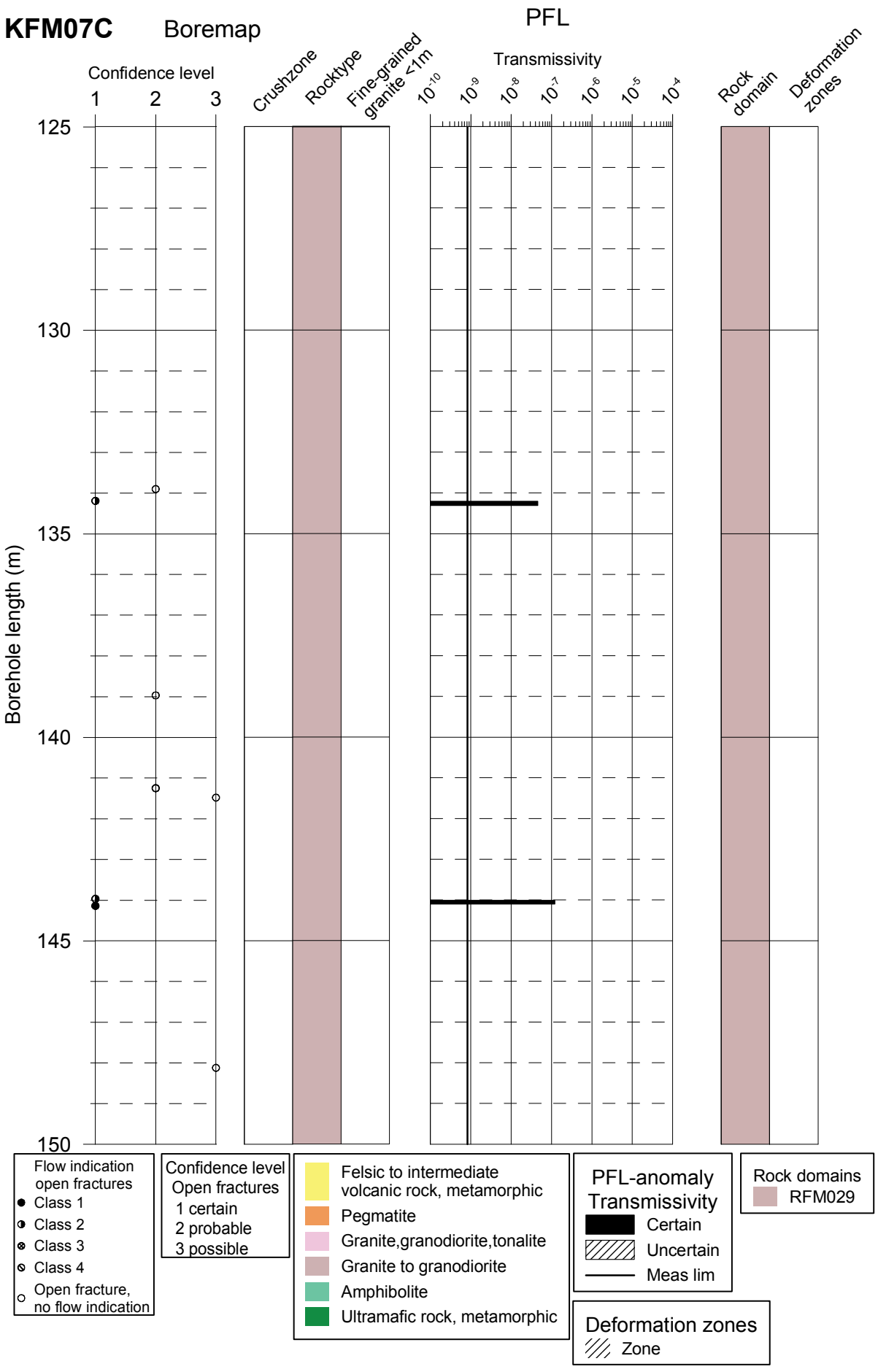
This appendix presents Flow log anomalies related to the Core mapped features for every 25 meters of the borehole KFM07C. BIPS images of the PFL anomalies are also presented.

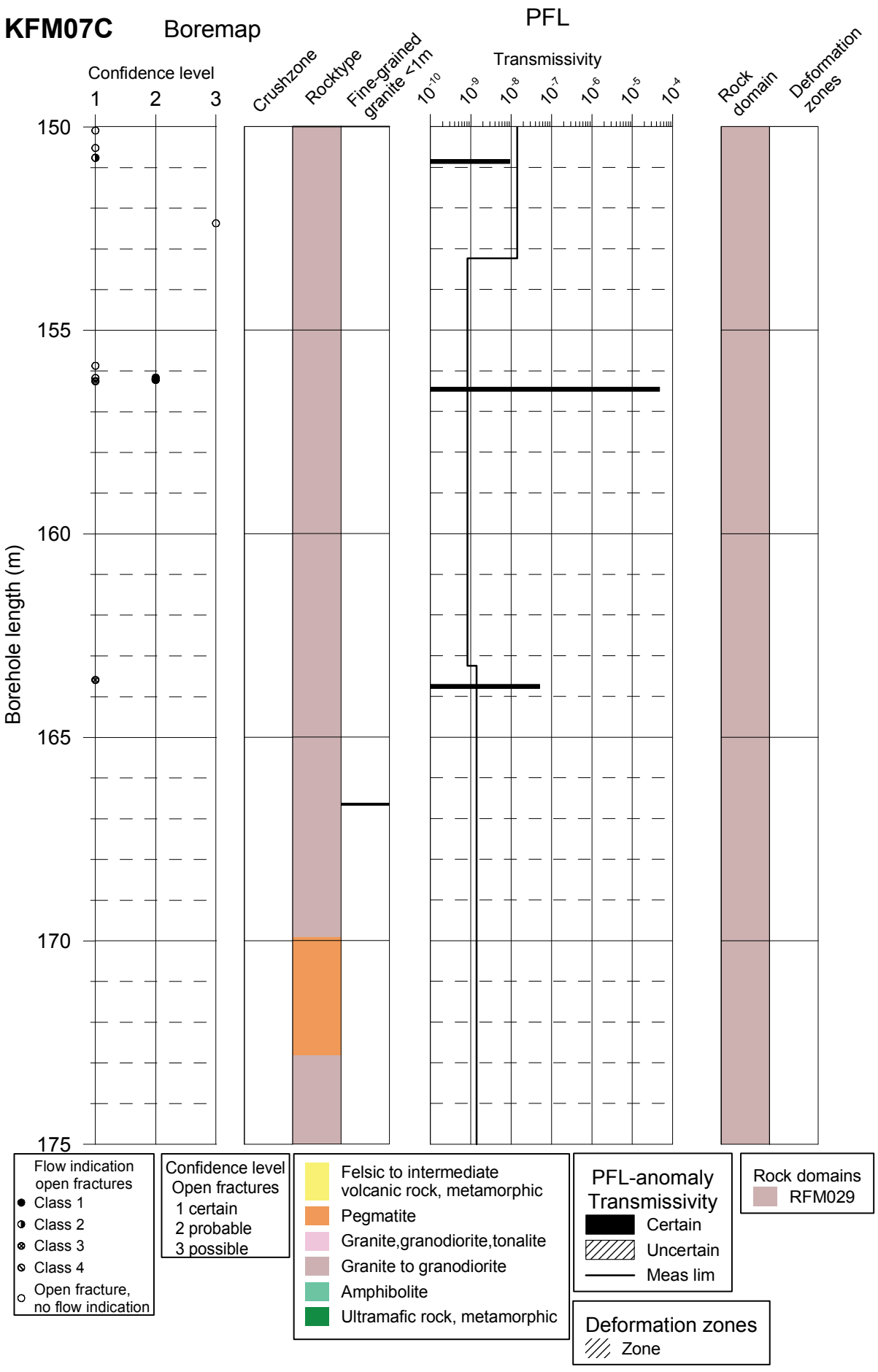


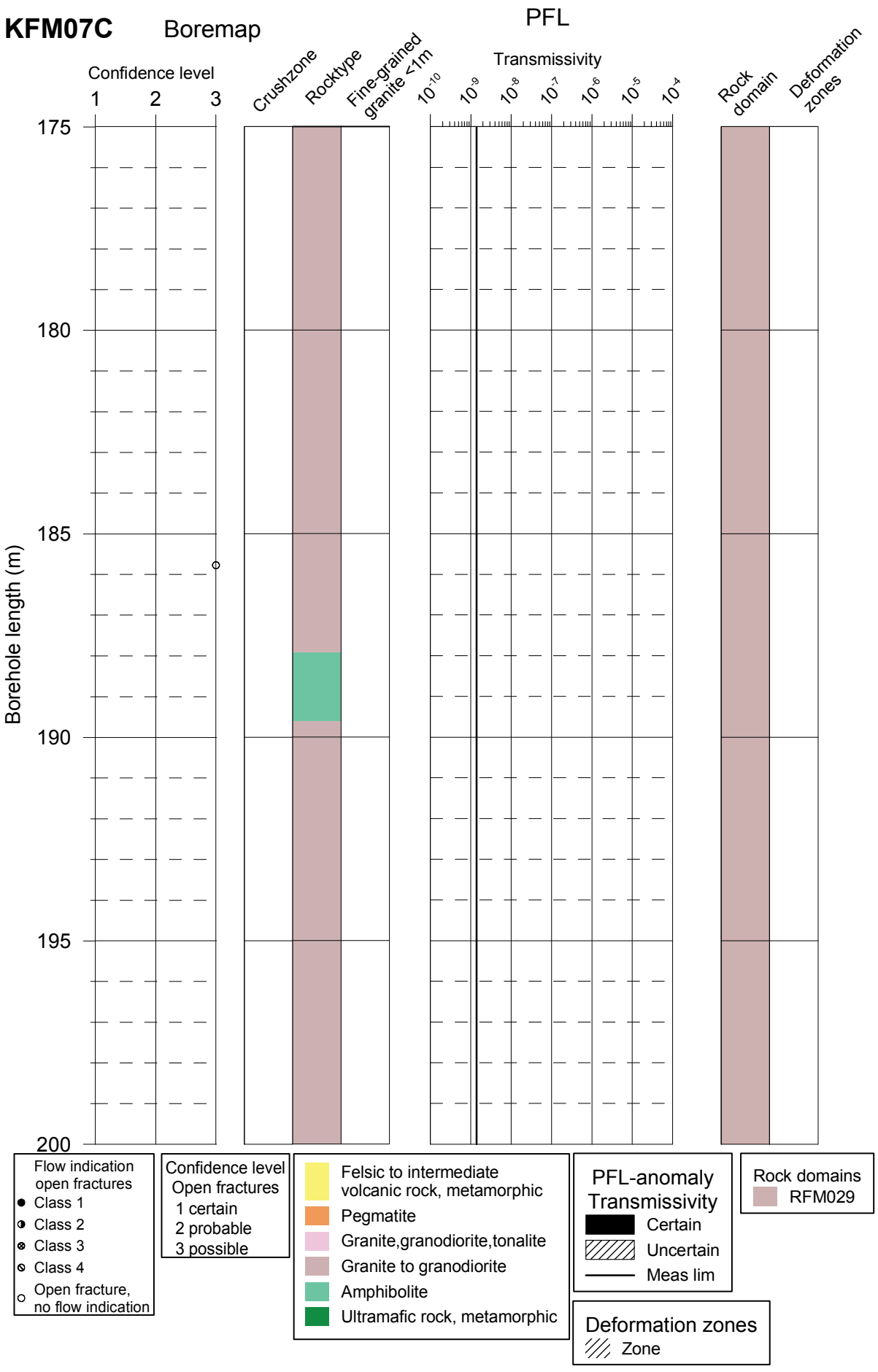

KFM07C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10^{-10}
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
Rock domain
Deformation zones
Borehole length (m)
0
100
200
300
400
500
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Felsic to intermediate volcanic rock, metamorphic
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Ultramafic rock, metamorphic
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

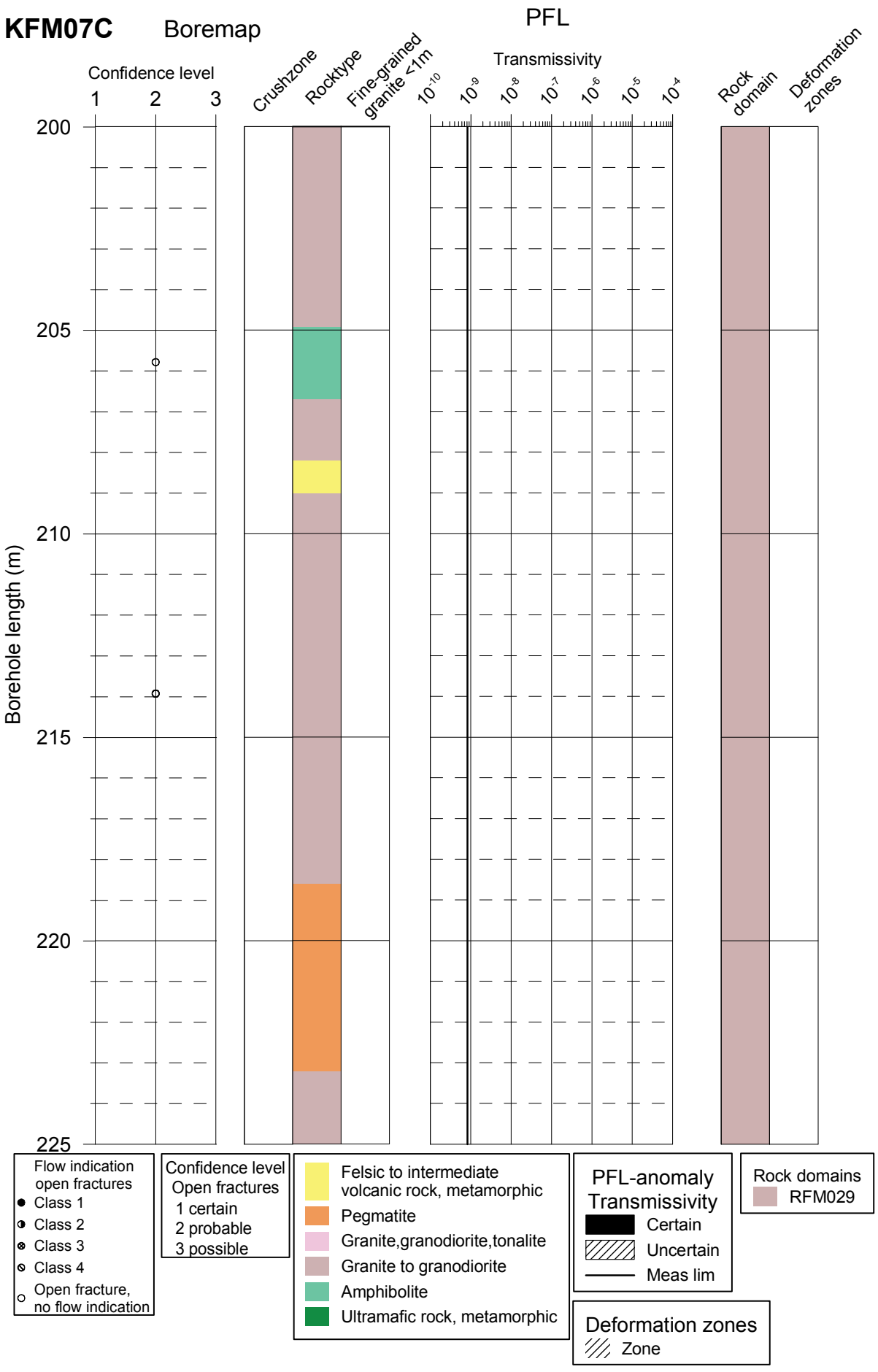

KFM07C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
75
80
85
90
95
100
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Felsic to intermediate volcanic rock, metamorphic
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Ultramafic rock, metamorphic
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

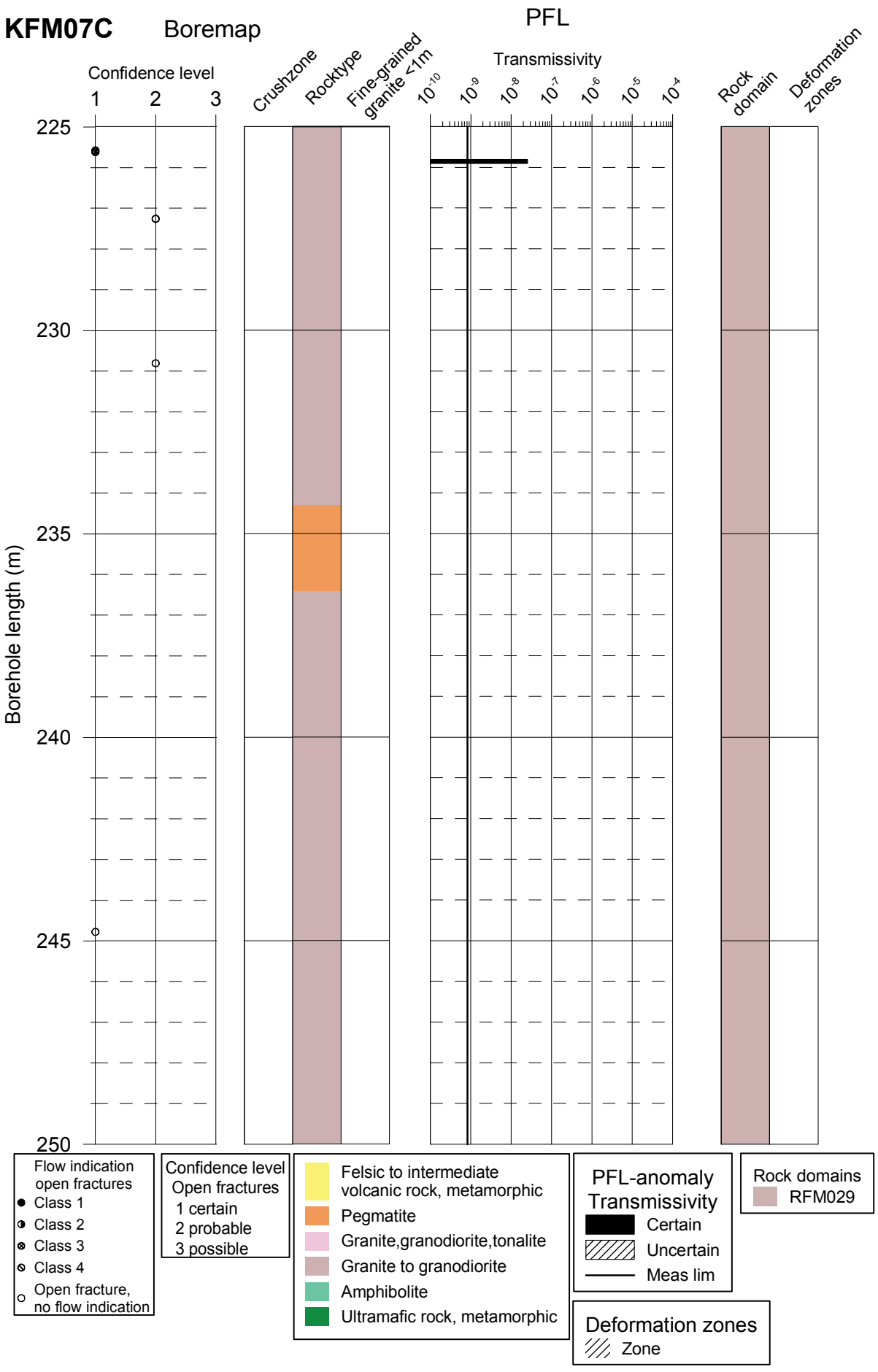

KFM07C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
100
105
110
115
120
125
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Felsic to intermediate volcanic rock, metamorphic
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Ultramafic rock, metamorphic
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

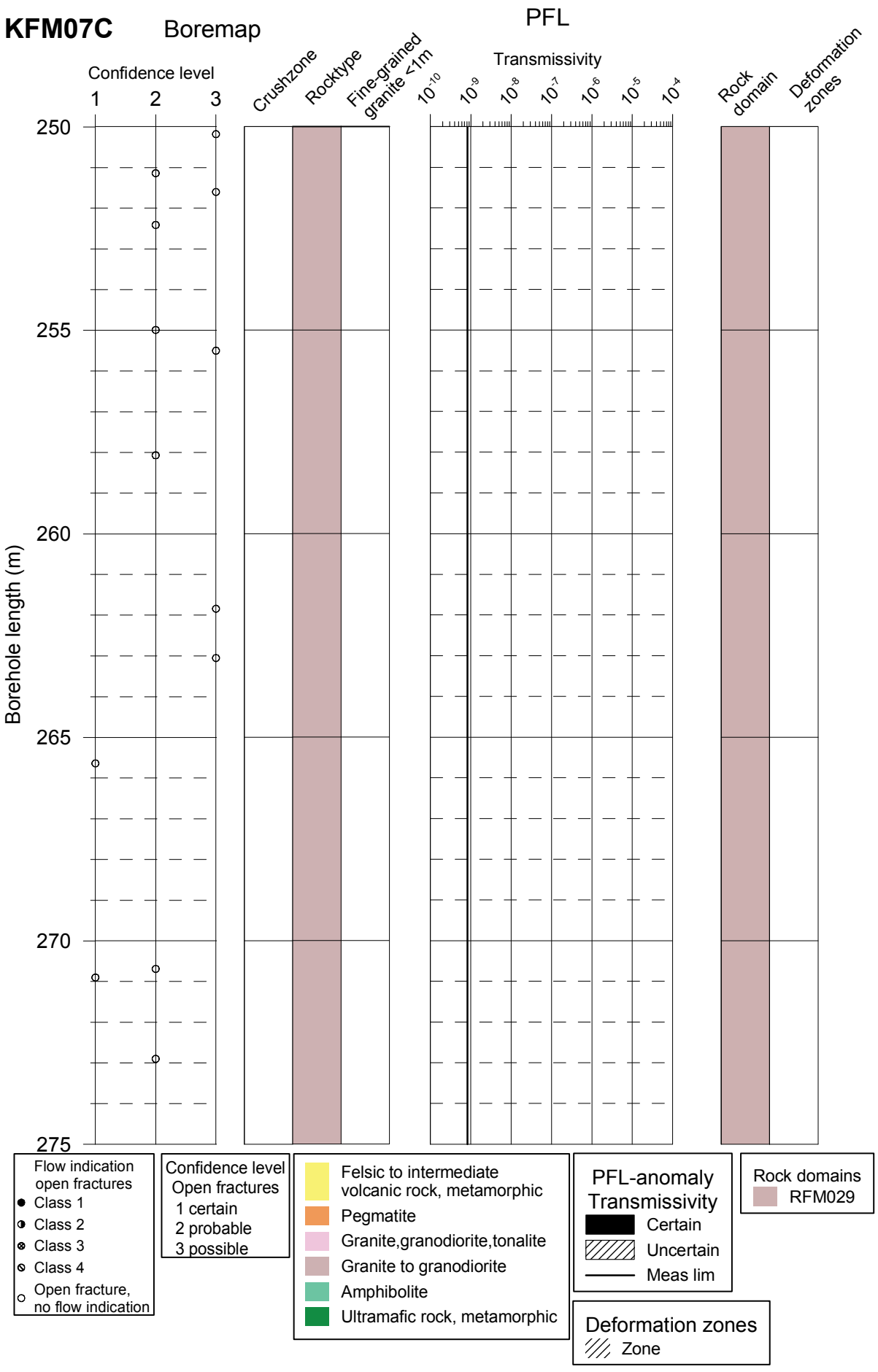

KFM07C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
125
130
135
140
145
150
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Felsic to intermediate volcanic rock, metamorphic
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Ultramafic rock, metamorphic
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

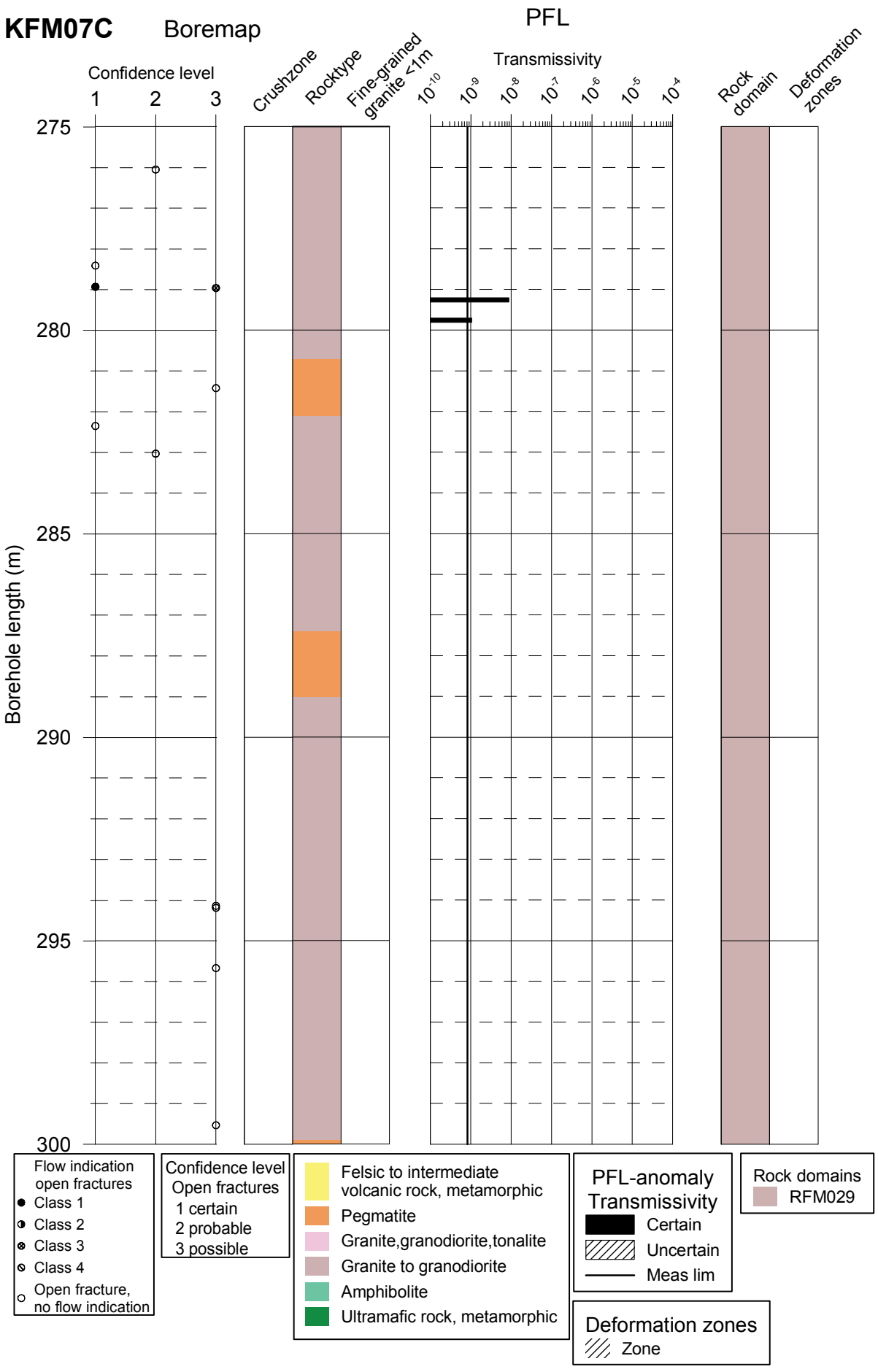

KFM07C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
150
155
160
165
170
175
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Felsic to intermediate volcanic rock, metamorphic
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Ultramafic rock, metamorphic
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

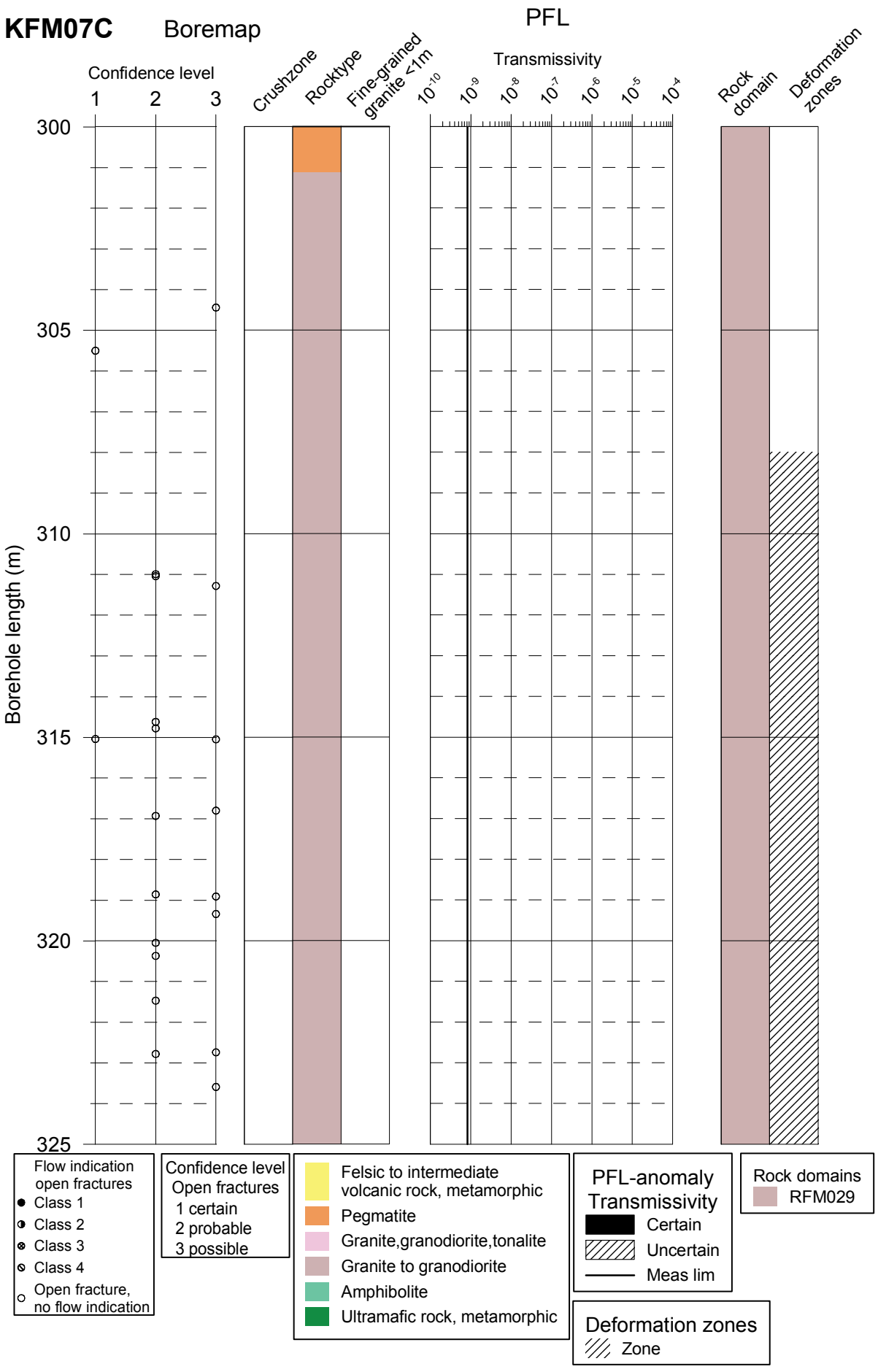

KFM07C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
175
180
185
190
195
200
Borehole length (m)
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Felsic to intermediate volcanic rock, metamorphic
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Ultramafic rock, metamorphic
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

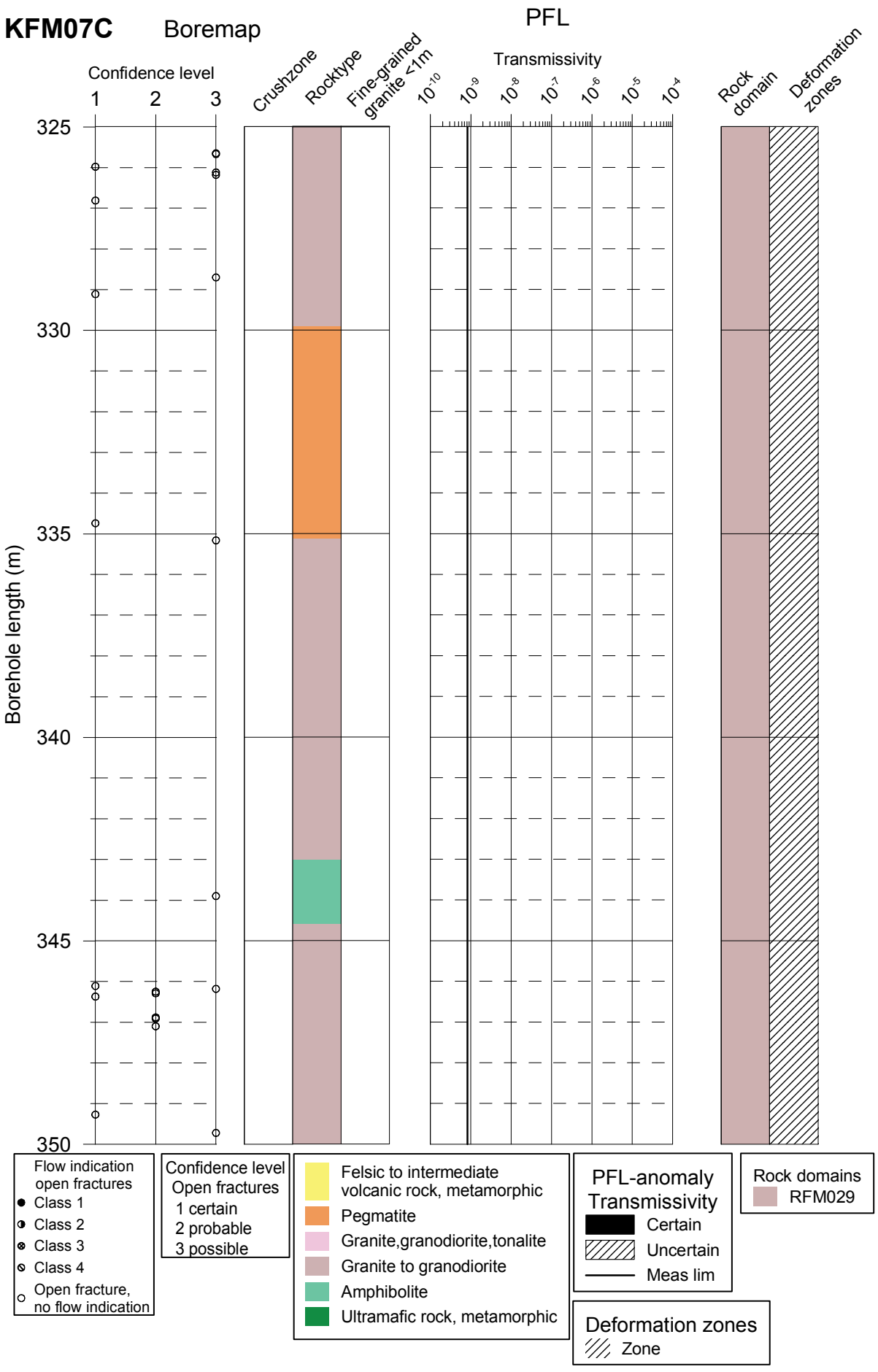

KFM07C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
200
205
210
215
220
225
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Felsic to intermediate volcanic rock, metamorphic
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Ultramafic rock, metamorphic
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

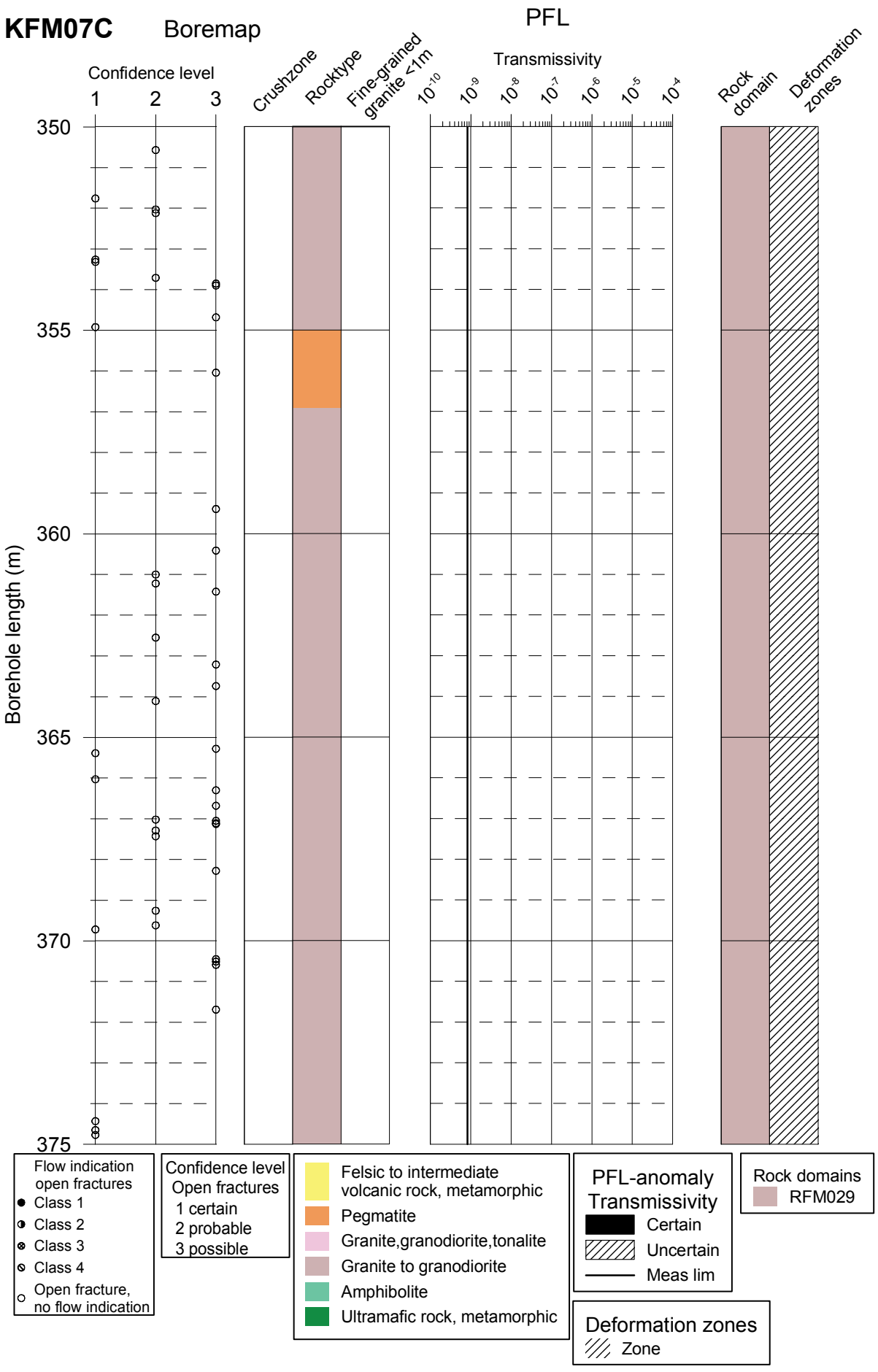

KFM07C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
225
230
235
240
245
250
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Felsic to intermediate volcanic rock, metamorphic
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Ultramafic rock, metamorphic
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

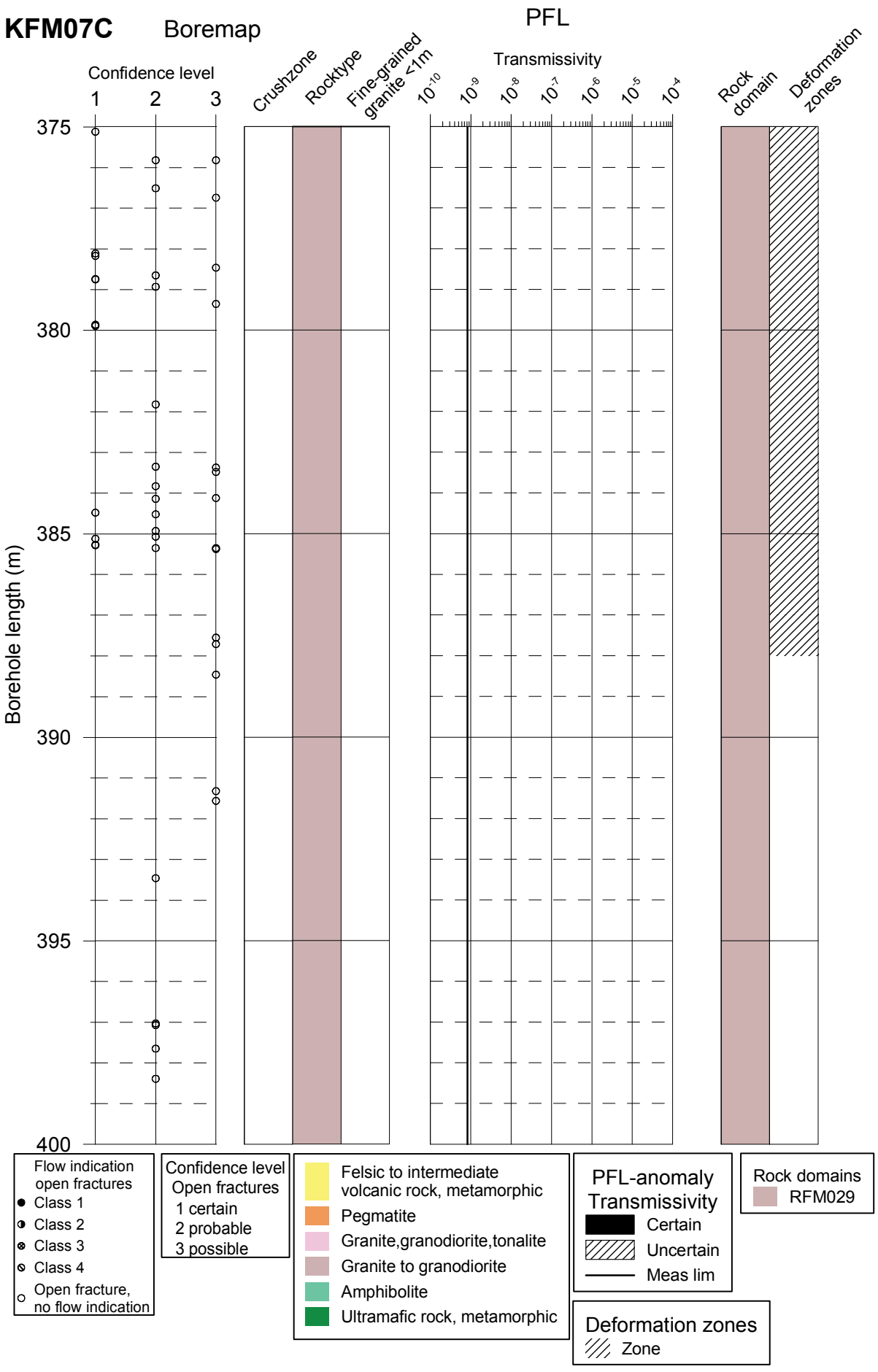

KFM07C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
250
255
260
265
270
275
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Felsic to intermediate volcanic rock, metamorphic
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Ultramafic rock, metamorphic
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

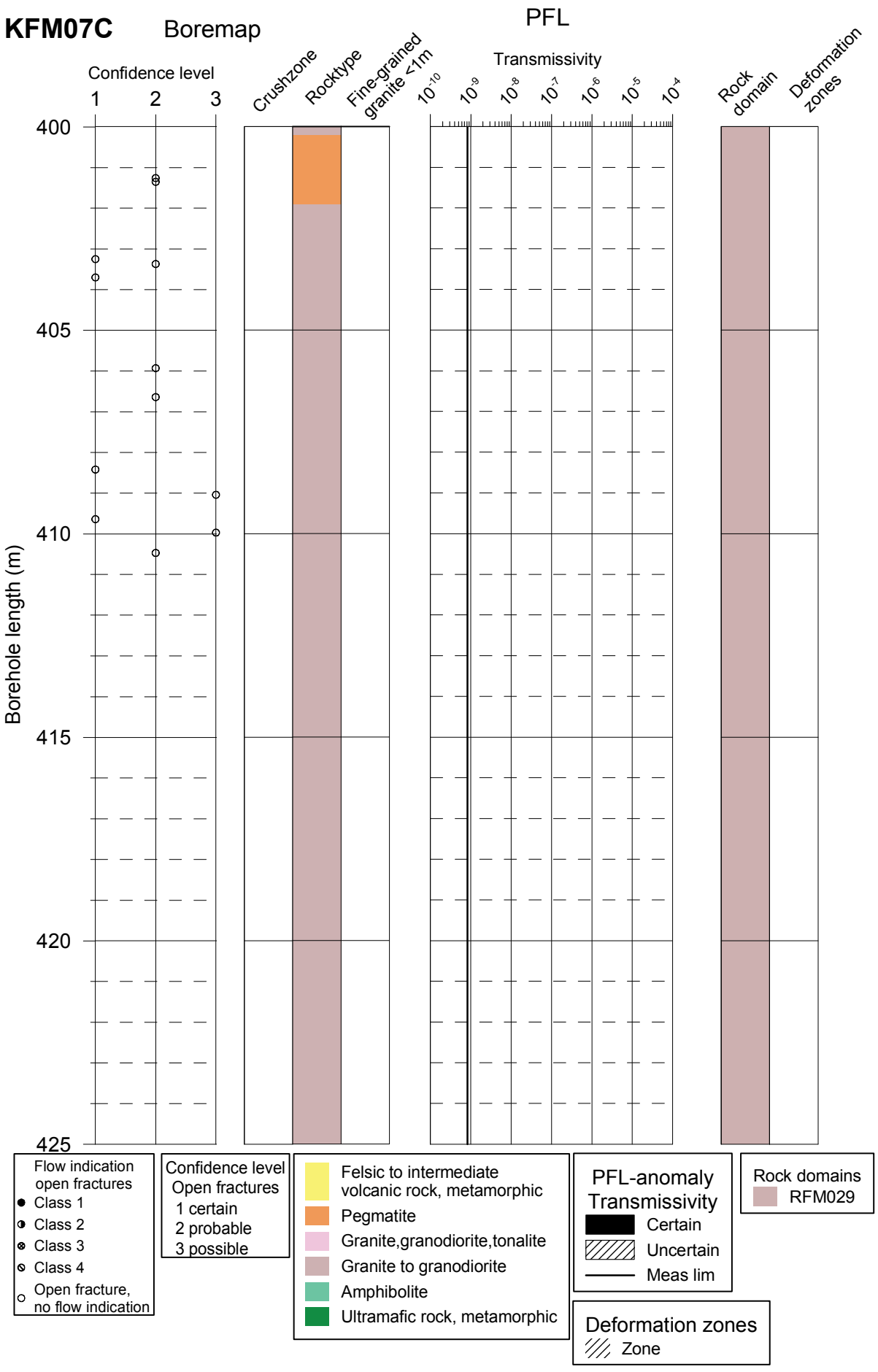

KFM07C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
275
280
285
290
295
300
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Felsic to intermediate volcanic rock, metamorphic
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Ultramafic rock, metamorphic
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

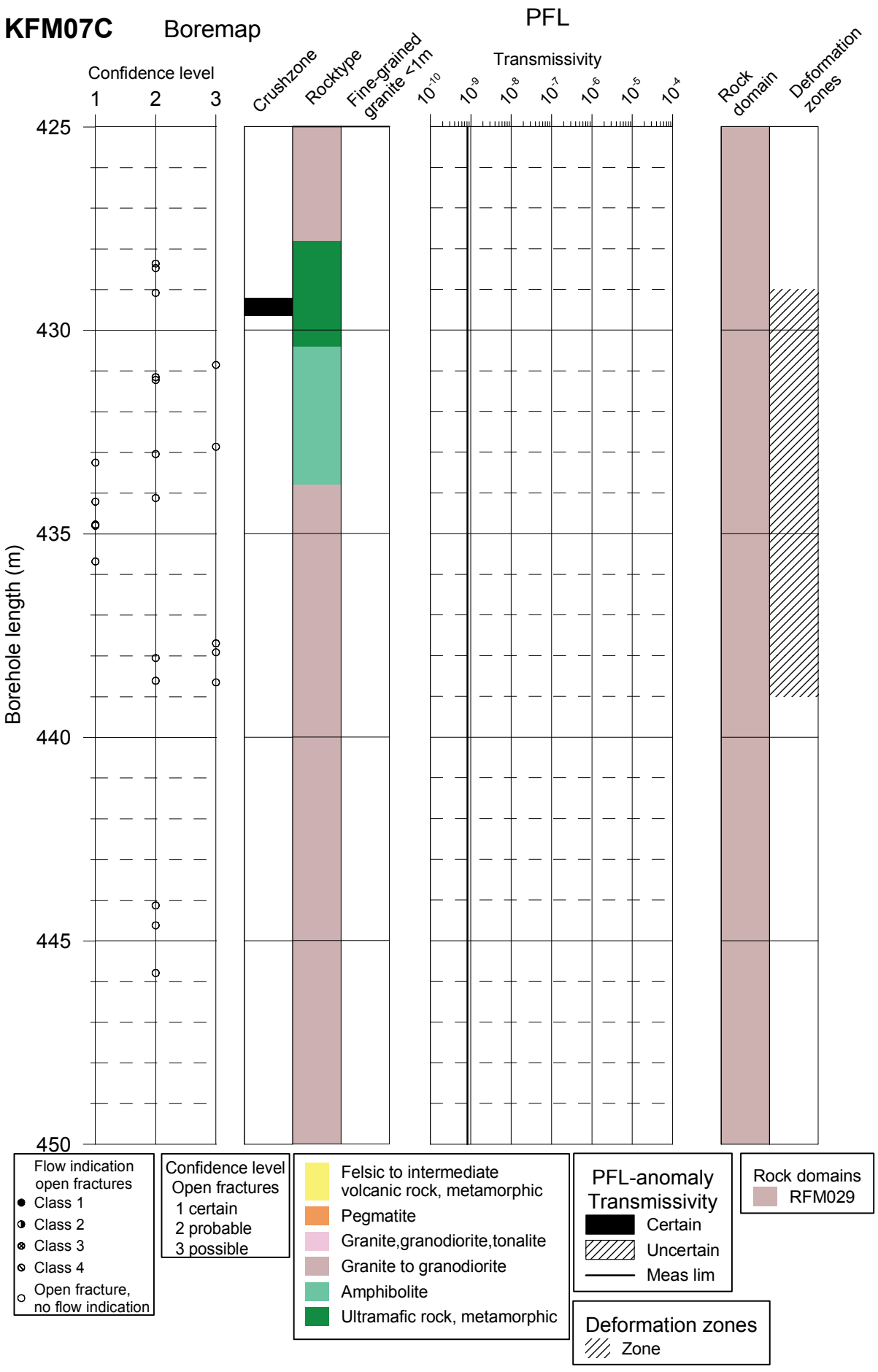

KFM07C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
300
305
310
315
320
325
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Felsic to intermediate volcanic rock, metamorphic
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Ultramafic rock, metamorphic
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

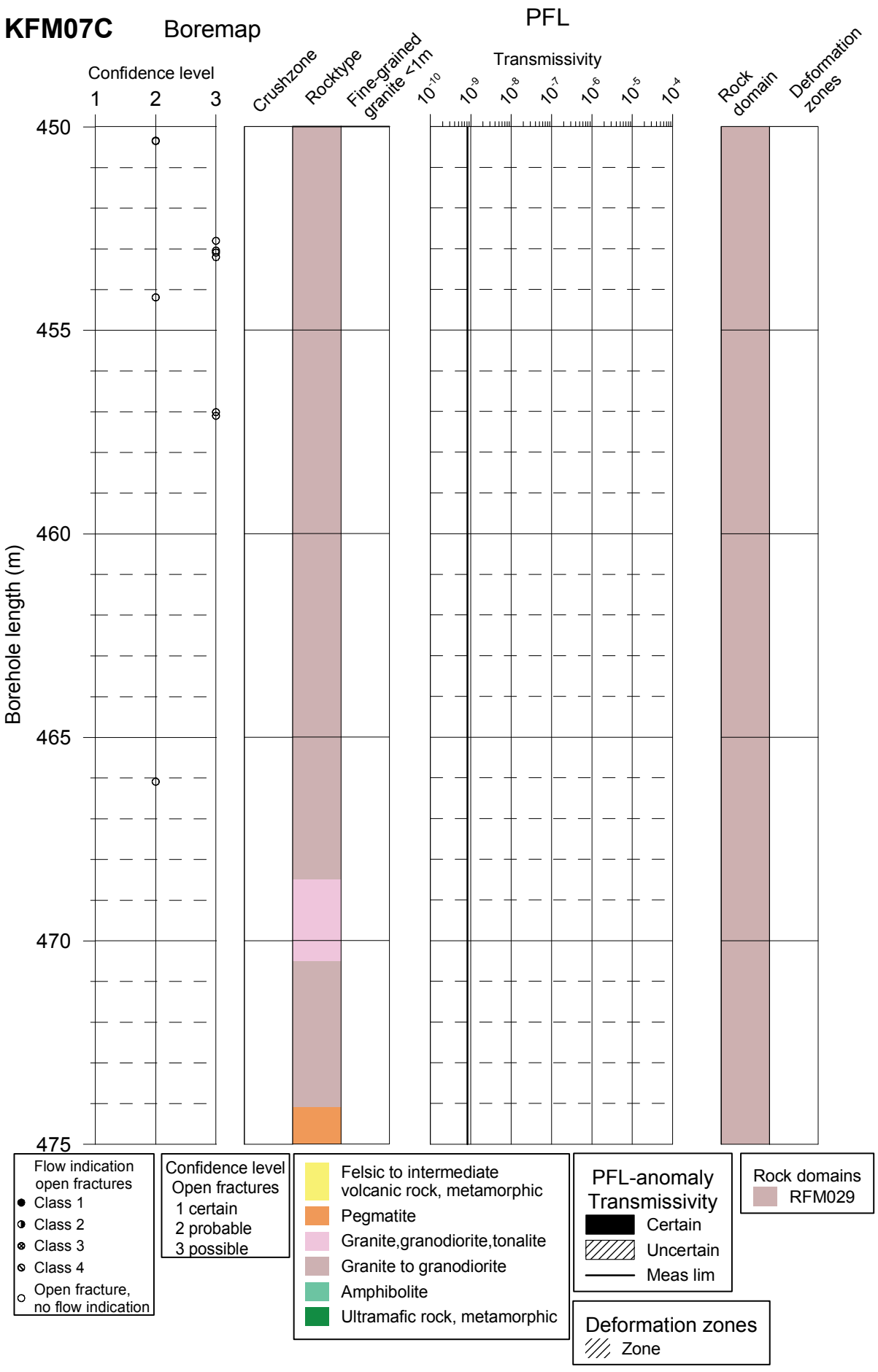

KFM07C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
325
330
335
340
345
350
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Felsic to intermediate volcanic rock, metamorphic
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Ultramafic rock, metamorphic
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

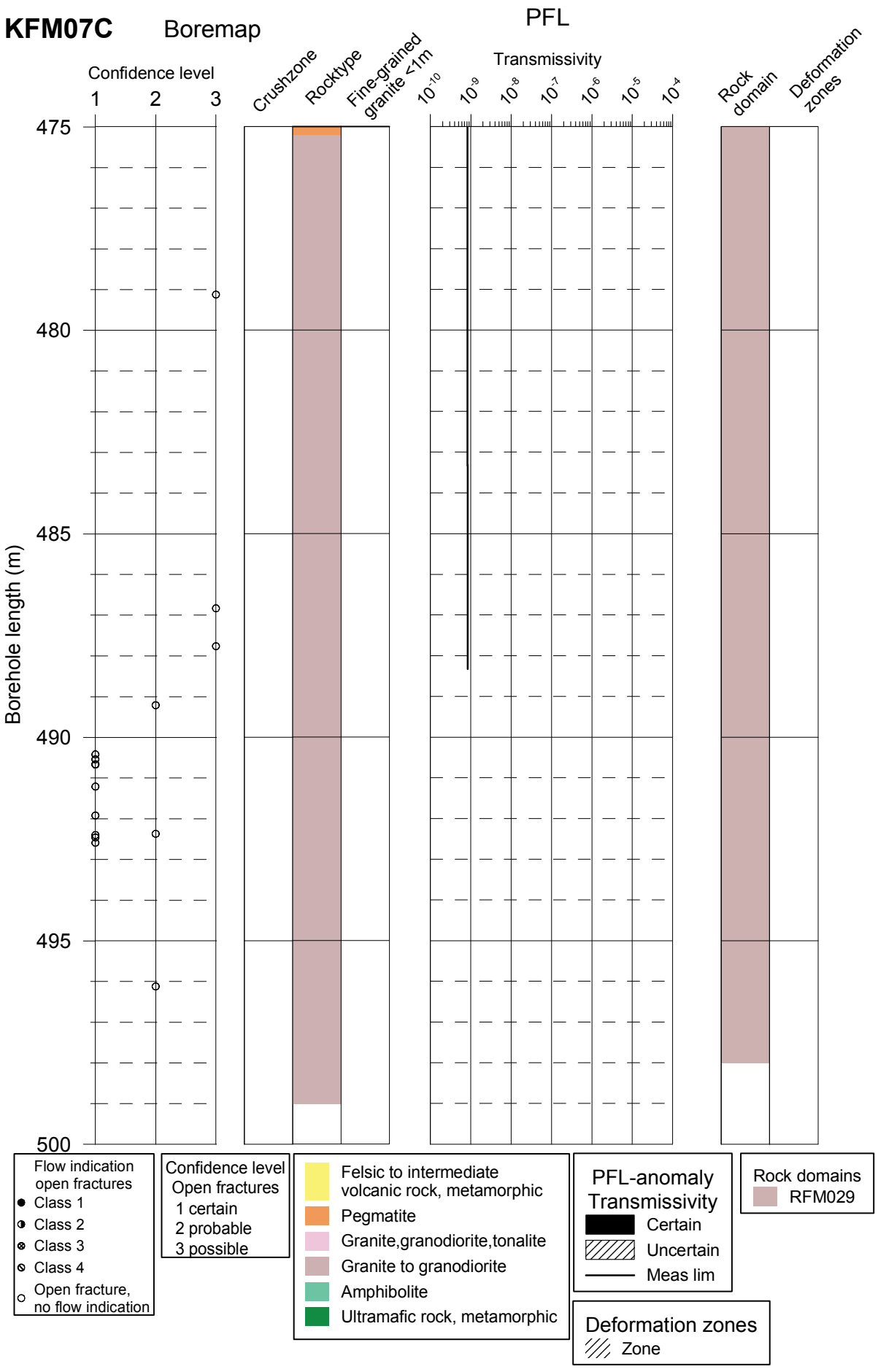

KFM07C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
350
355
360
365
370
375
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Felsic to intermediate volcanic rock, metamorphic
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Ultramafic rock, metamorphic
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone


KFM07C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
375
380
385
390
395
400
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Felsic to intermediate volcanic rock, metamorphic
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Ultramafic rock, metamorphic
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone


KFM07C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
400
405
410
415
420
425
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Felsic to intermediate volcanic rock, metamorphic
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Ultramafic rock, metamorphic
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone


KFM07C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
425
430
435
440
445
450
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Felsic to intermediate volcanic rock, metamorphic
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Ultramafic rock, metamorphic
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone


KFM07C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
450
455
460
465
470
475
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Felsic to intermediate volcanic rock, metamorphic
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Ultramafic rock, metamorphic
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone


KFM07C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
475
480
485
490
495
500
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Felsic to intermediate volcanic rock, metamorphic
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Ultramafic rock, metamorphic
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

KFM07C

Table A2-1. KFM07AC Interpretation of PFL measurements and BOREMAP data

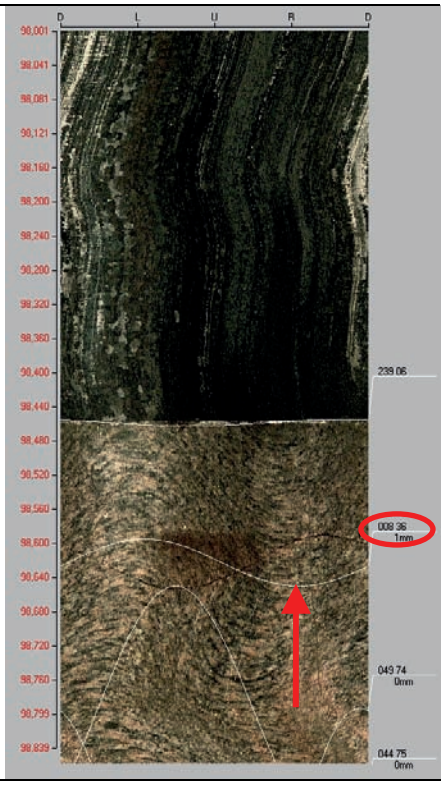
PFL anom. No	PFL anom data	Boremap data	BIPS Image
1	Bh-length (m) = 98.40 T (m^2/s) = 4.81E-5 PFL confidence= Certain	Adjusted secup (m) = 98.62 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2 **Best choice**	

Table A2-2. KFM07AC Interpretation of PFL measurements and BOREMAP data

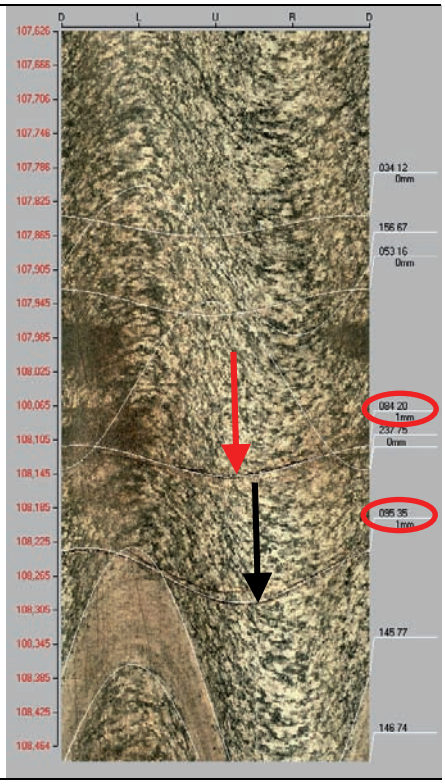
PFL anom. No	PFL anom data	Boremap data	BIPS Image
2a	Bh-length (m) = 108.10 T (m2/s) = 2.88E-9 PFL confidence= Certain	Adjusted secup (m) = 108.13 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
2b		Adjusted secup (m) = 108.26 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A2-3. KFM07AC Interpretation of PFL measurements and BOREMAP data

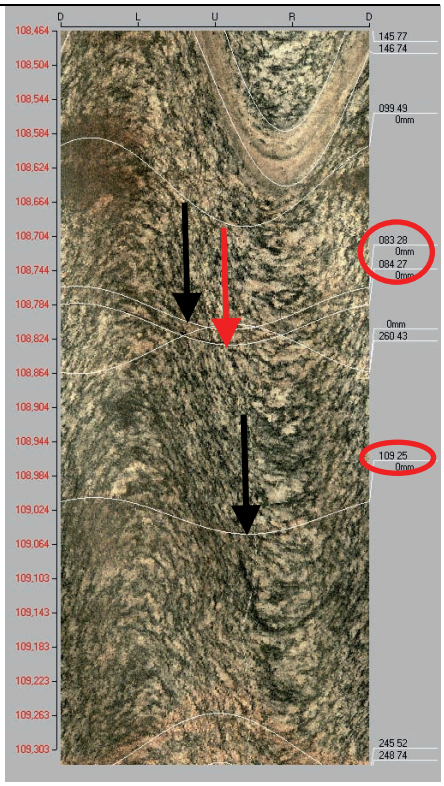
PFL anom. No	PFL anom data	Boremap data	BIPS Image
3a	Bh-length (m) = 108.90 T (m2/s) = 1.12E-9 PFL confidence= Uncertain	Adjusted secup (m) = 108.79 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
3b		Adjusted secup (m) = 108.81 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1 **Best choice**	
3c		Adjusted secup (m) = 109.03 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	

Table A2-4. KFM07AC Interpretation of PFL measurements and BOREMAP data

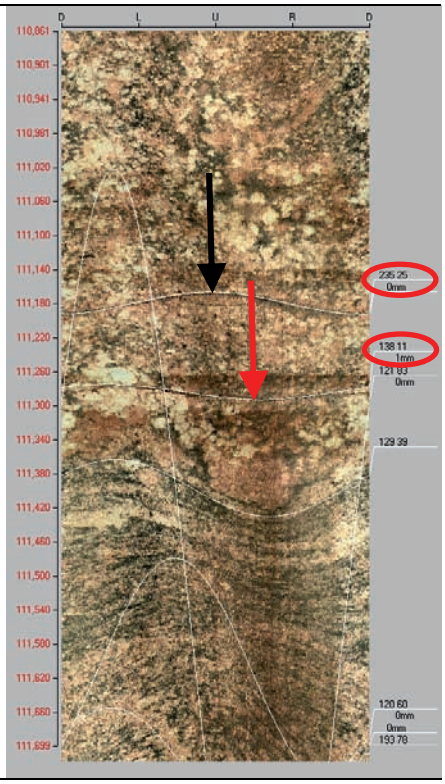
PFL anom. No	PFL anom data	Boremap data	BIPS Image
4a	Bh-length (m) = 111.30 T (m^2/s) = 3.85E-8 PFL confidence= Certain	Adjusted secup (m) = 111.18 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
4b		Adjusted secup (m) = 111.28 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	

Table A2-5. KFM07AC Interpretation of PFL measurements and BOREMAP data

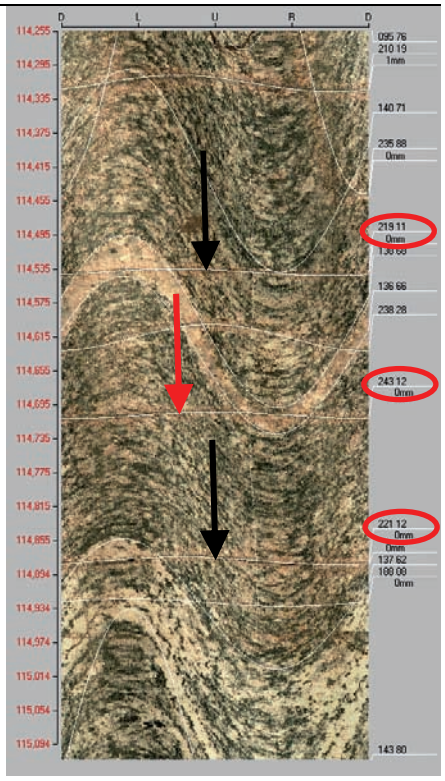
PFL anom. No	PFL anom data	Boremap data	BIPS Image
5a	Bh-length (m) = 114.70 T (m2/s) = 8.99E-10 PFL confidence= Uncertain	Adjusted secup (m) = 114.54 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
5b		Adjusted secup (m) = 114.71 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1 **Best choice**	
5c		Adjusted secup (m) = 114.88 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	

Table A2-6. KFM07AC Interpretation of PFL measurements and BOREMAP data

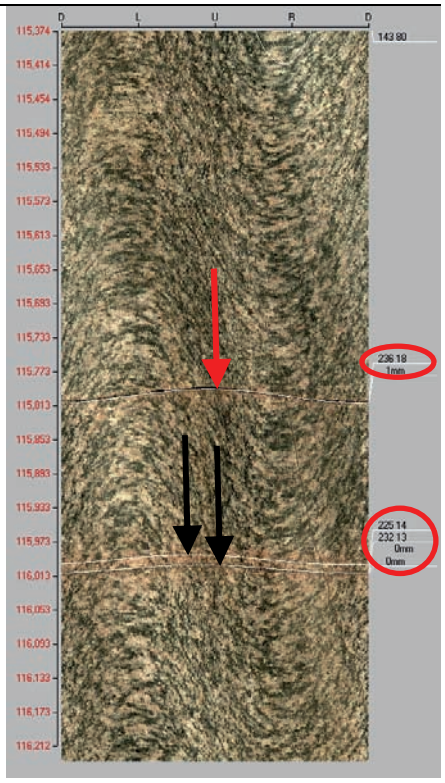
PFL anom. No	PFL anom data	Boremap data	BIPS Image
6a	Bh-length (m) = 115.80 T (m^2/s) = 6.86E-8 PFL confidence= Certain	Adjusted secup (m) = 115.80 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
6b		Adjusted secup (m) = 115.99 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
6c		Adjusted secup (m) = 116.00 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	

Table A2-7. KFM07AC Interpretation of PFL measurements and BOREMAP data

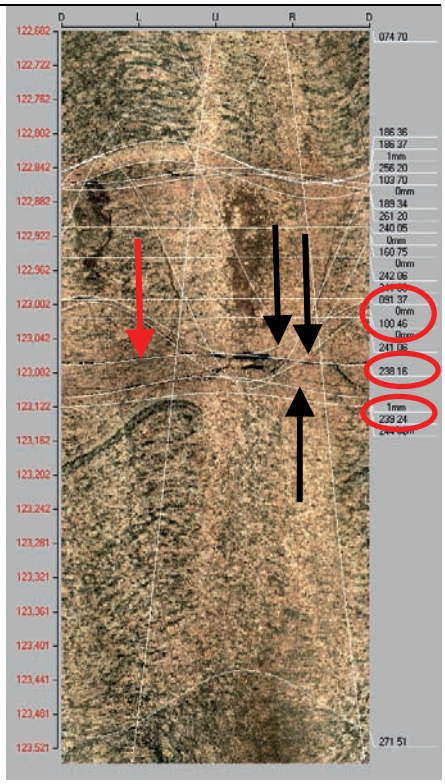
PFL anom. No	PFL anom data	Boremap data	BIPS Image
7a	Bh-length (m) = 123.10 T (m^2/s) = 6.32E-8 PFL confidence= Certain	Adjusted secup (m) = 123.03 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
7b		Adjusted secup (m) = 123.05 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
7c		Adjusted secup (m) = 123.07 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
7d		Adjusted secup (m) = 123.10 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A2-8. KFM07AC Interpretation of PFL measurements and BOREMAP data

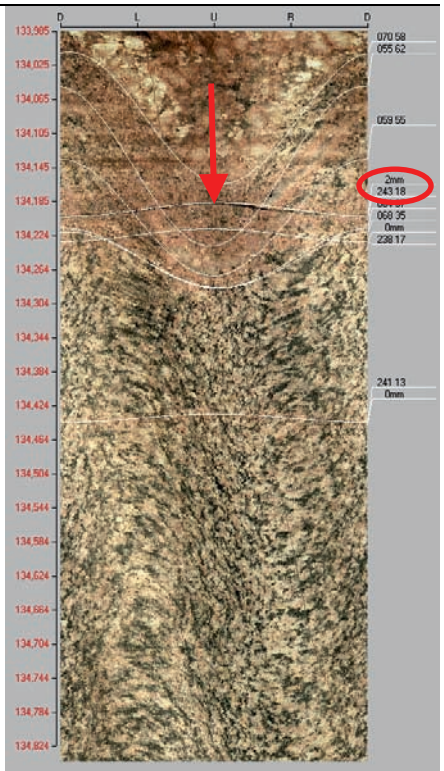
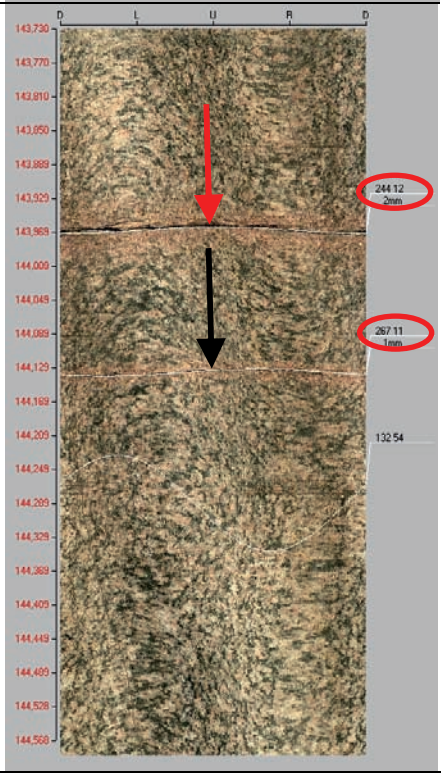
PFL anom. No	PFL anom data	Boremap data	BIPS Image
8	Bh-lengt h (m) = 134.30 T (m2/s) = 4.57E-8 PFL confidence= Certain	Adjusted secup (m) = 134.19 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2 **Best choice**	
9a	Bh-length (m) = 144.10 T (m^2/s) = 1.20E-7 PFL confidence= Certain	Adjusted secup (m) = 143.97 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2 **Best choice**	
9b		Adjusted secup (m) = 144.14 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A2-9. KFM07AC Interpretation of PFL measurements and BOREMAP data

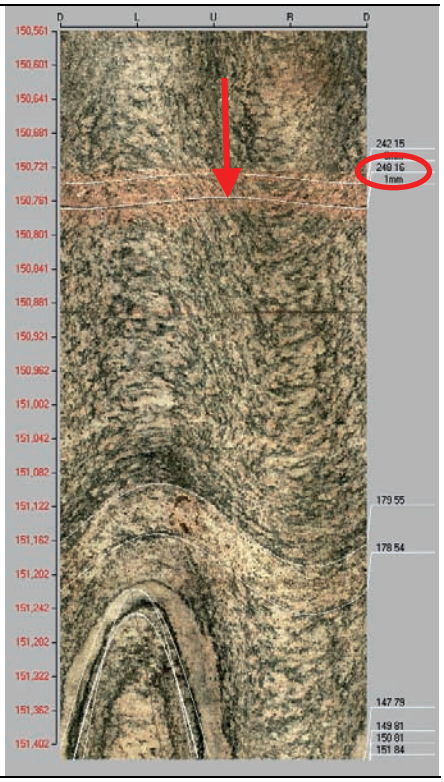
PFL anom. No	PFL anom data	Boremap data	BIPS Image
10	Bh-length (m) = 150.90 T (m^2/s) = 9.26E-9 PFL confidence= Certain	Adjusted secup (m) = 150.76 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2 **Best choice**	

Table A2-10. KFM07AC Interpretation of PFL measurements and BOREMAP data

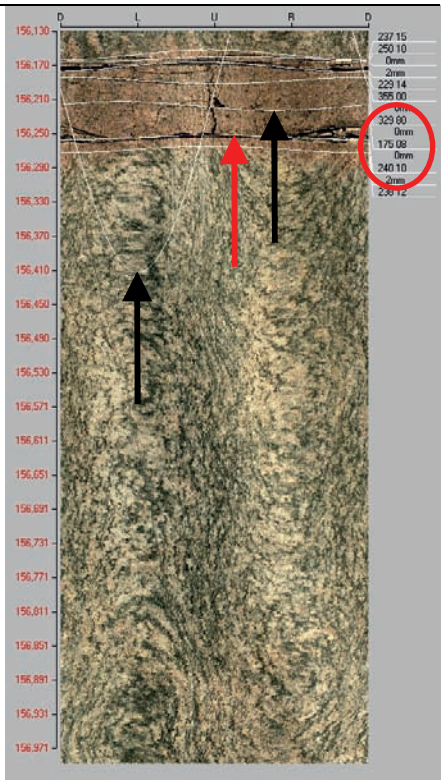
PFL anom. No	PFL anom data	Boremap data	BIPS Image
11a	Bh-length (m) = 156.50 T (m^2/s) = 4.68E-5 PFL confidence= Certain	Adjusted secup (m) = 156.20 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
11b		Adjusted secup (m) = 156.22 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 3	
11c		Adjusted secup (m) = 156.25 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 3 **Best choice**	

Table A2-11. KFM07AC Interpretation of PFL measurements and BOREMAP data

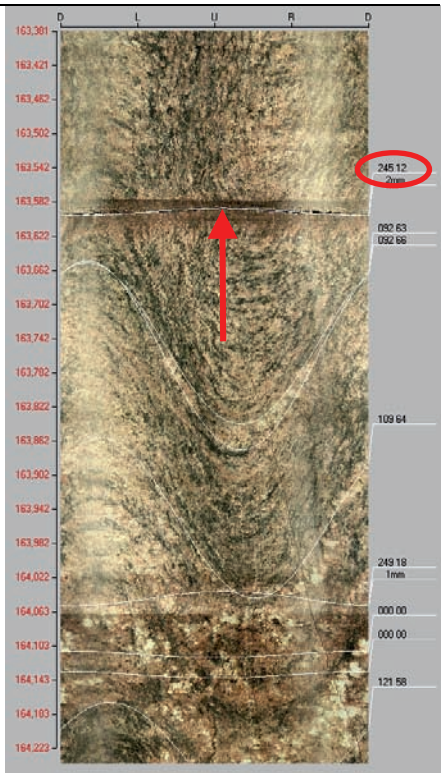
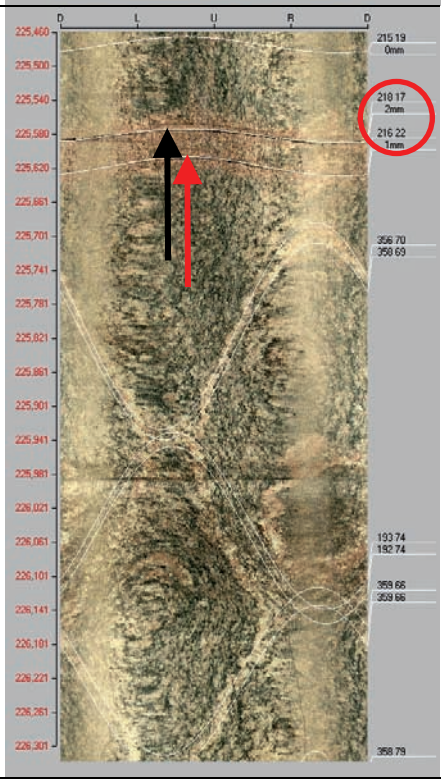
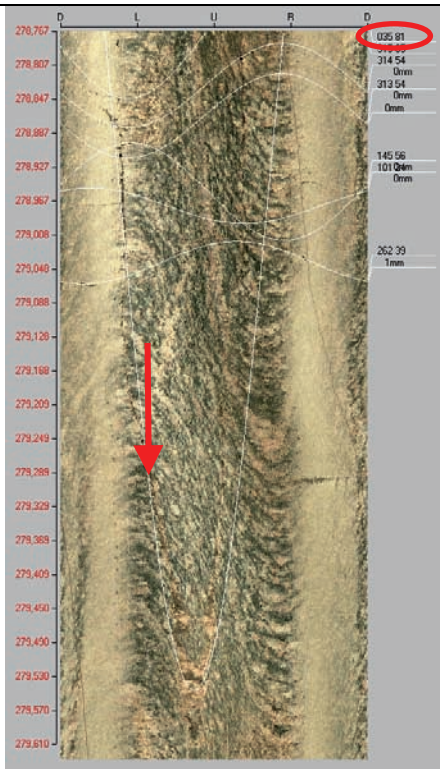
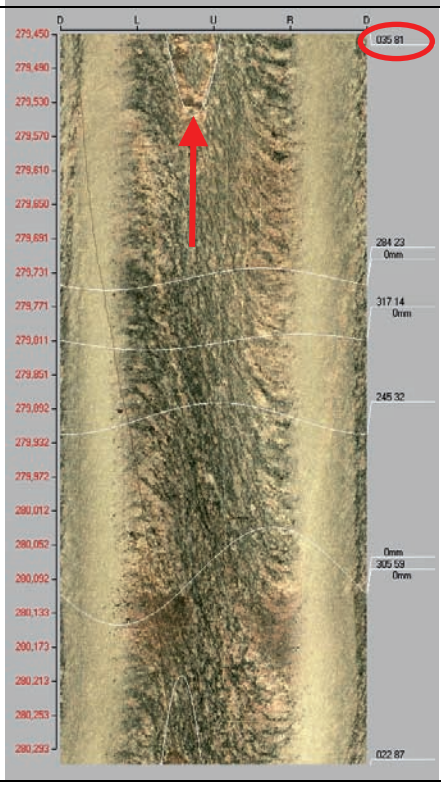
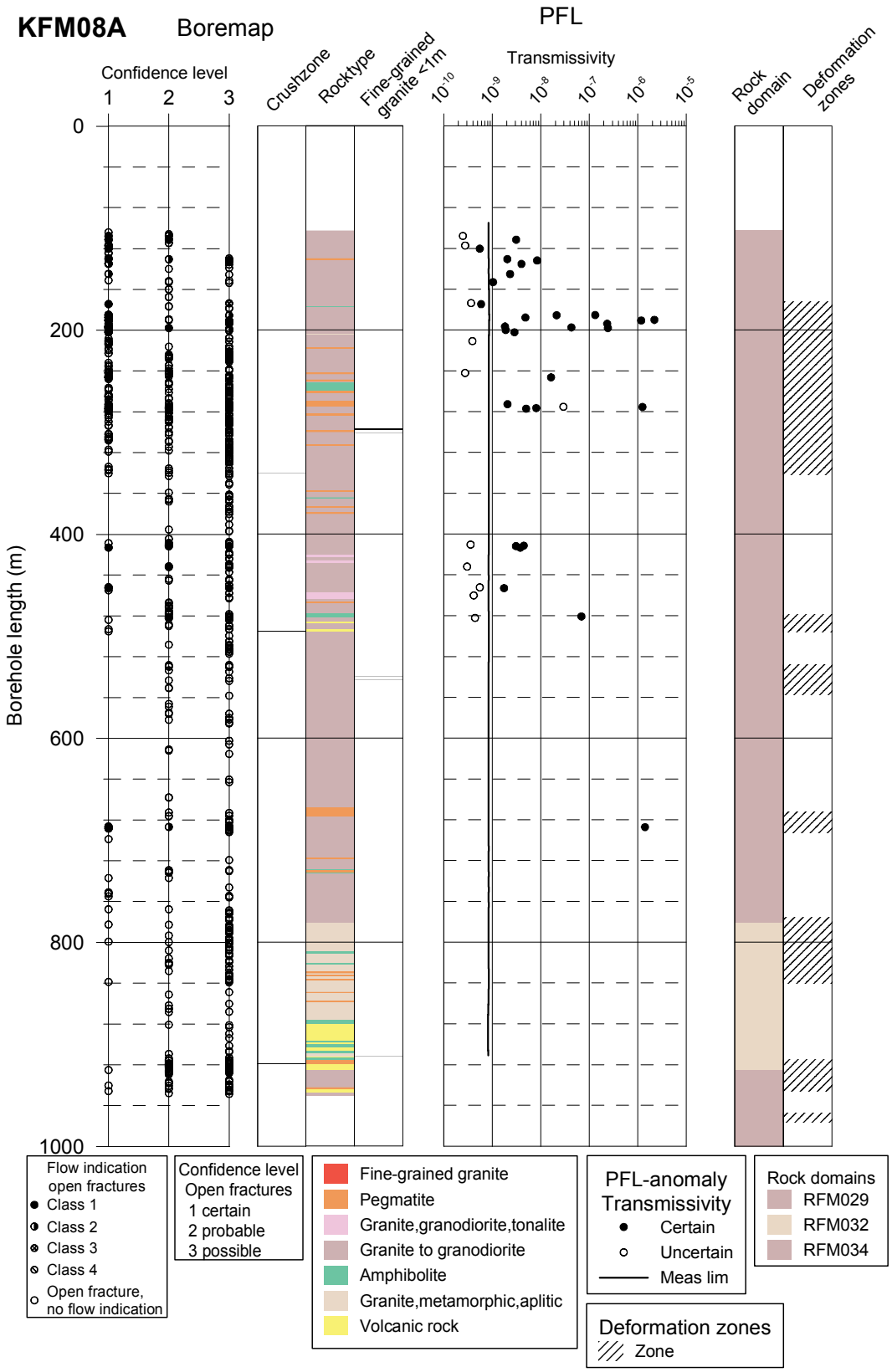
PFL anom. No	PFL anom data	Boremap data	BIPS Image
12	Bh-length (m) = 163.80 T (m2/s) = 5.03E-8 PFL confidence= Certain	Adjusted secup (m) = 163.25 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 3 **Best choice**	
13a	Bh-length (m) = 225.90 T (m^2/s) = 2.56E-8 PFL confidence= Certain	Adjusted secup (m) = 225.58 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 4	
13b		Adjusted secup (m) = 225.62 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 3 **Best choice**	

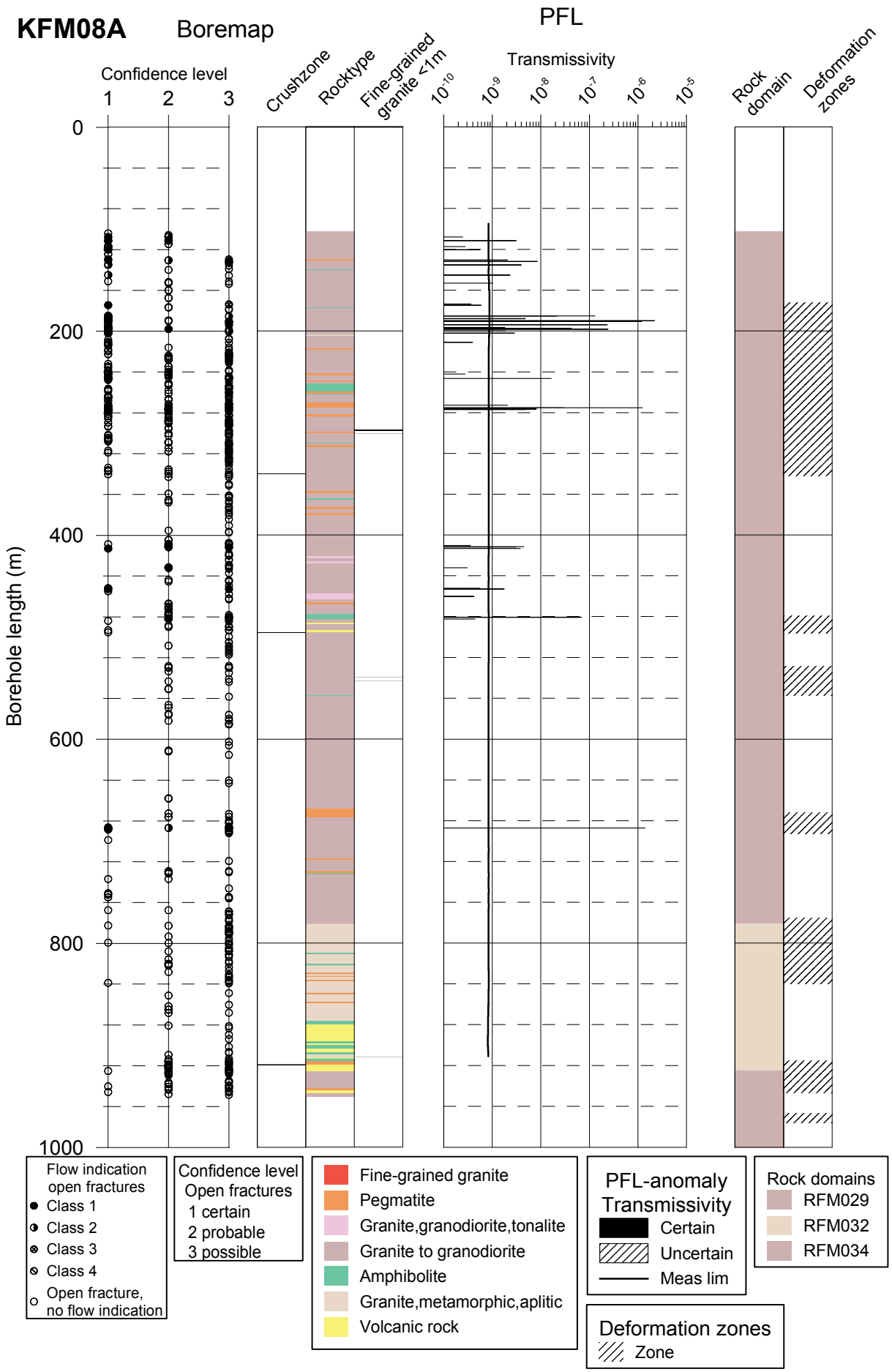
Table A2-12. KFM07AC Interpretation of PFL measurements and BOREMAP data

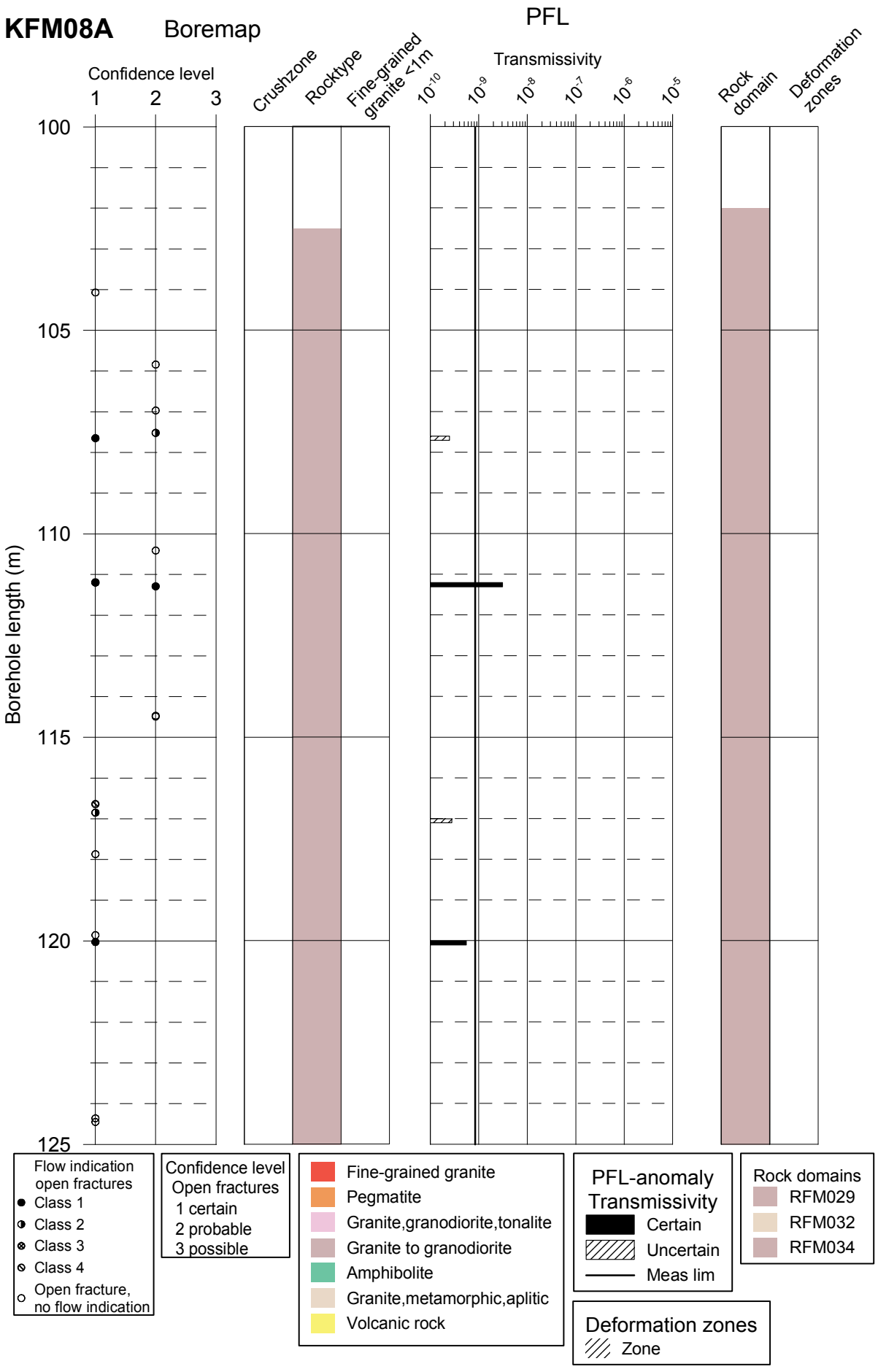
PFL anom. No	PFL anom data	Boremap data	BIPS Image
14a	Bh-length (m) = 279.30 T (m2/s) = 8.78E-9 PFL confidence= Certain	Adjusted secup (m) = 279.93 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice** *Same fracture as no. 15.*	
15	Bh-length (m) = 279.80 T (m^2/s) = 1.05E-9 PFL confidence= Certain	Adjusted secup (m) = 278.93 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 3 **Best choice** *Same fracture as no. 14.*	

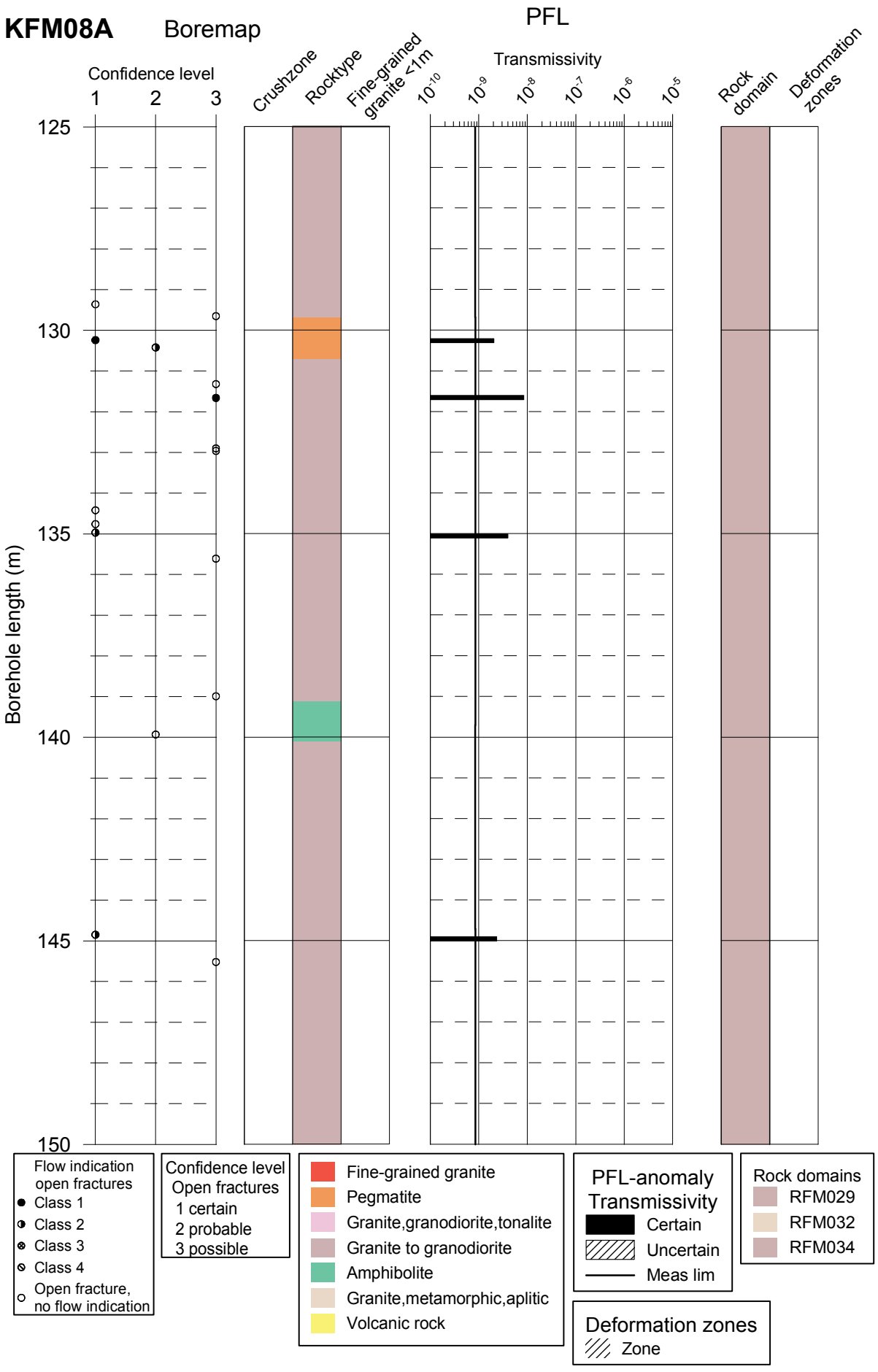
KFM08A

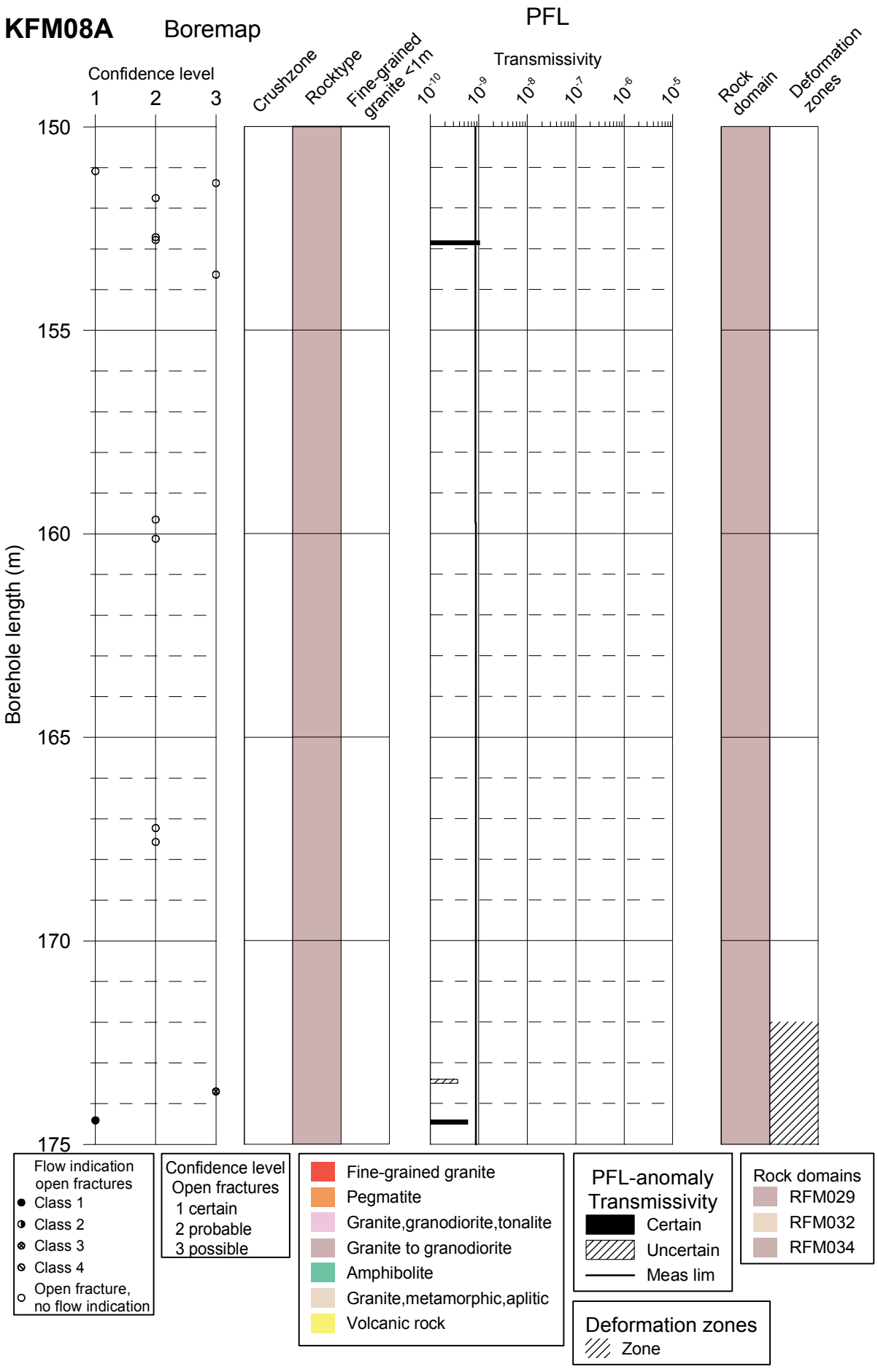
This appendix presents Flow log anomalies related to the Core mapped features for every 25 meters of the borehole KFM08A. BIPS images of the PFL anomalies are also presented.

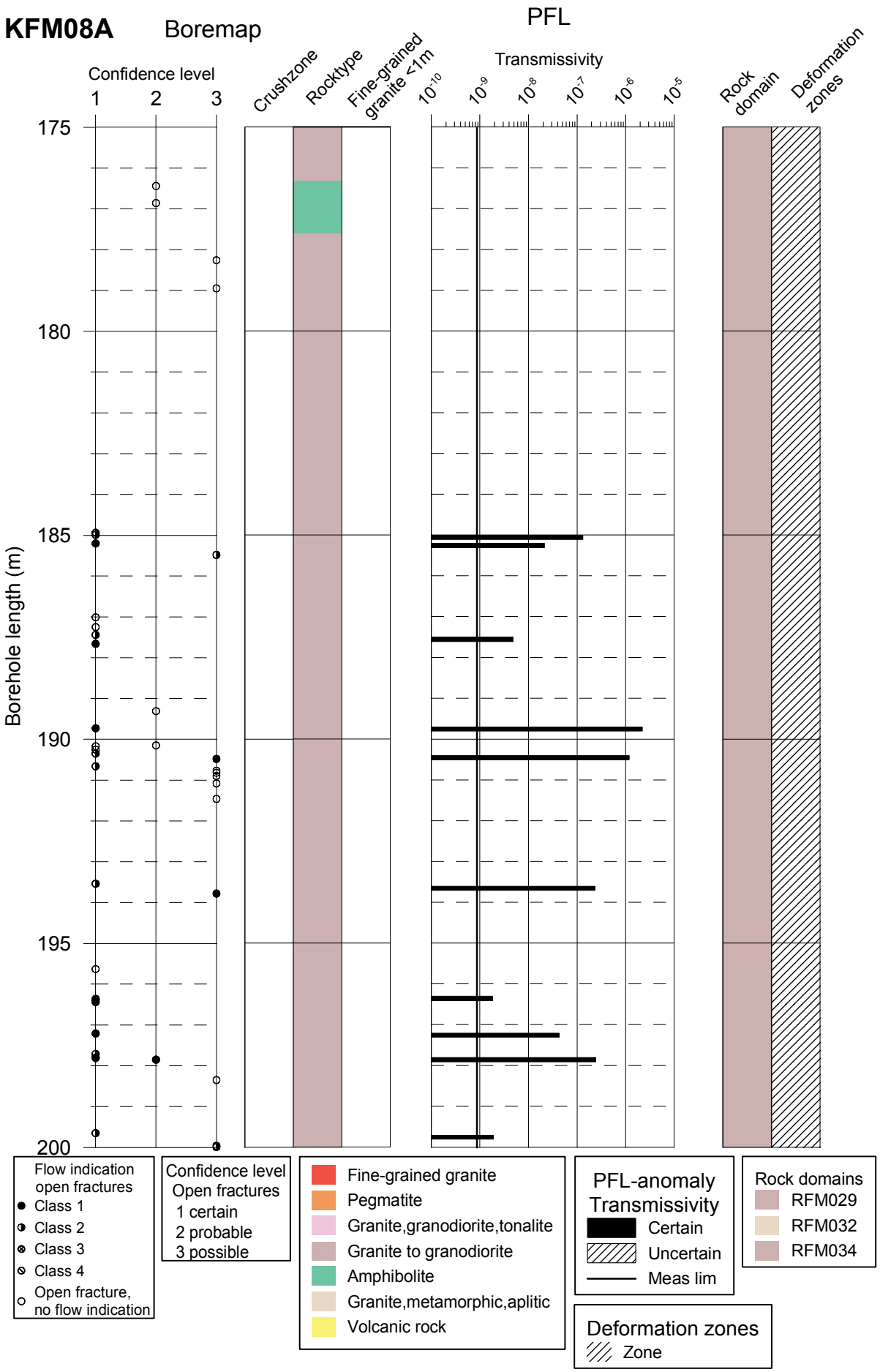


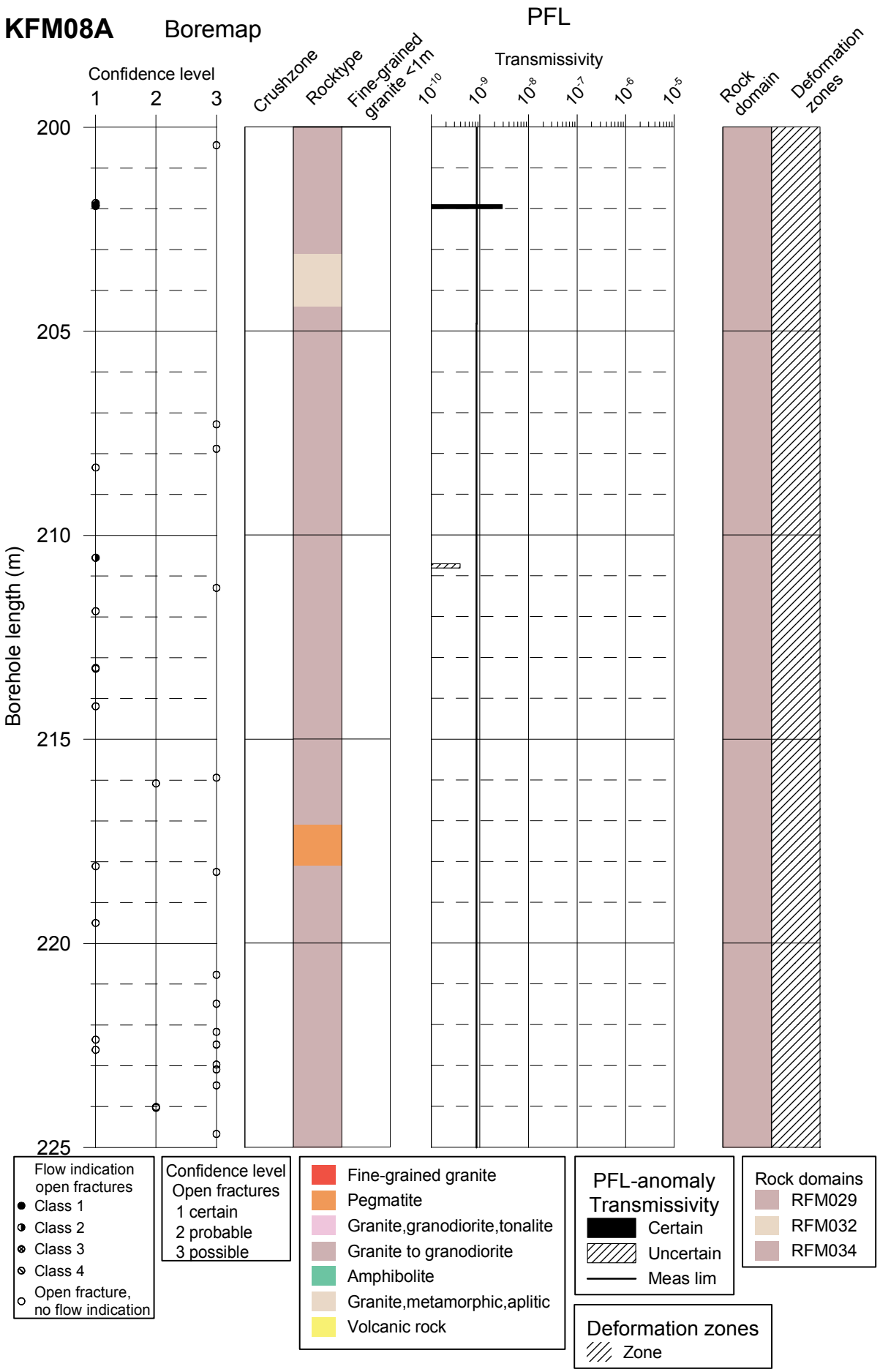

KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
0
200
400
600
800
1000
Borehole length (m)
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone

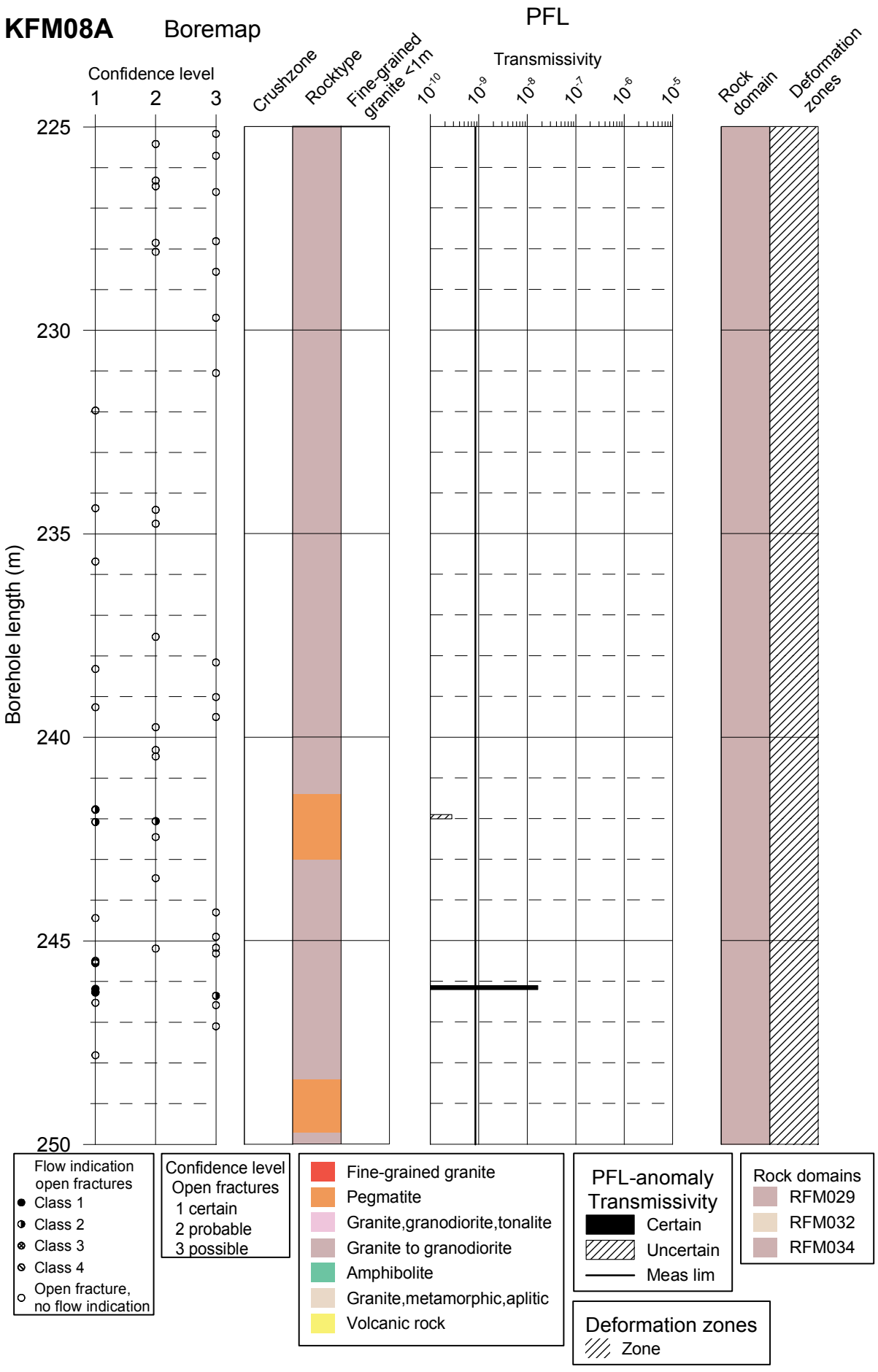

KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
100
105
110
115
120
125
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone

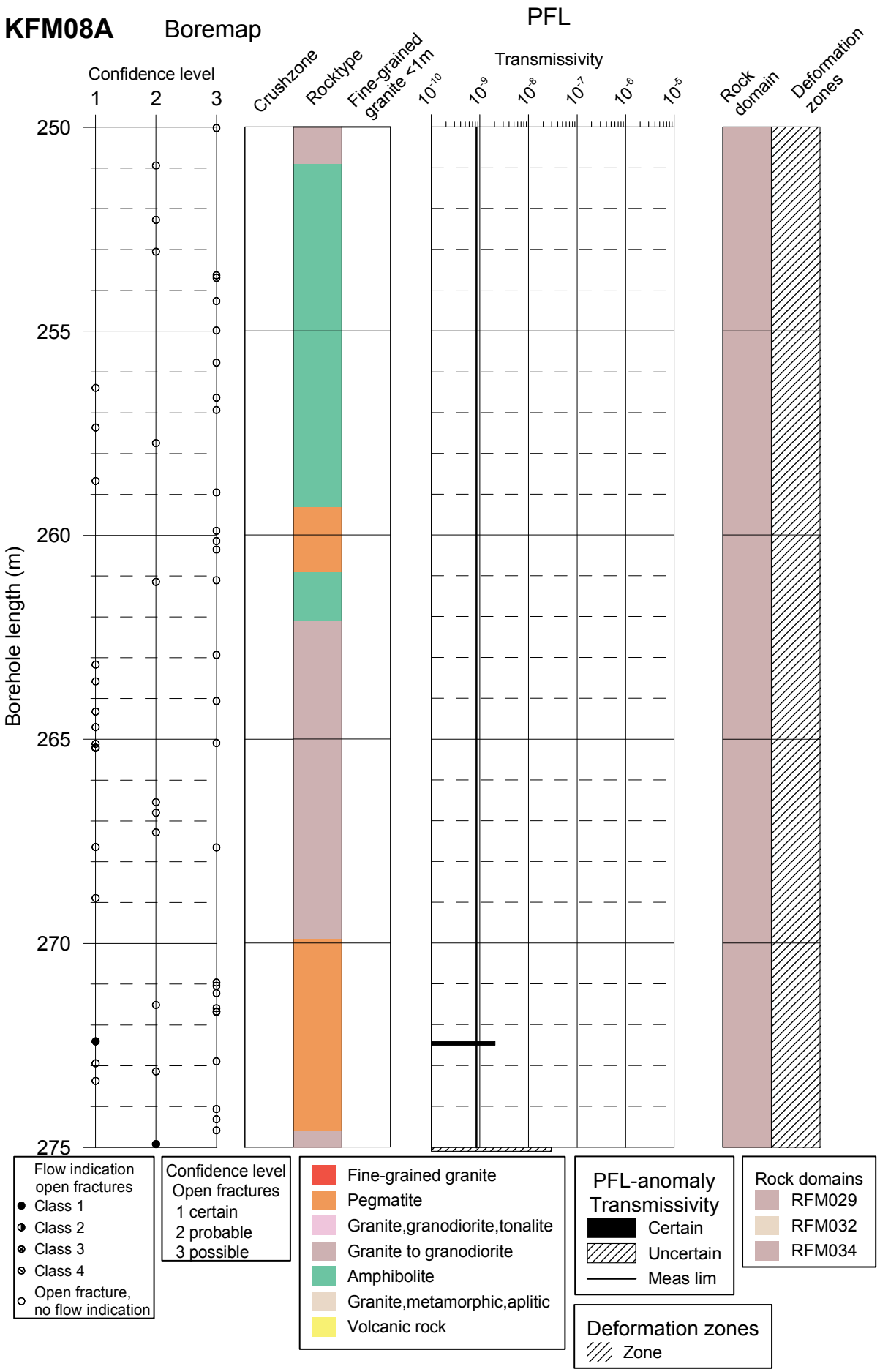

KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
125
130
135
140
145
150
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone

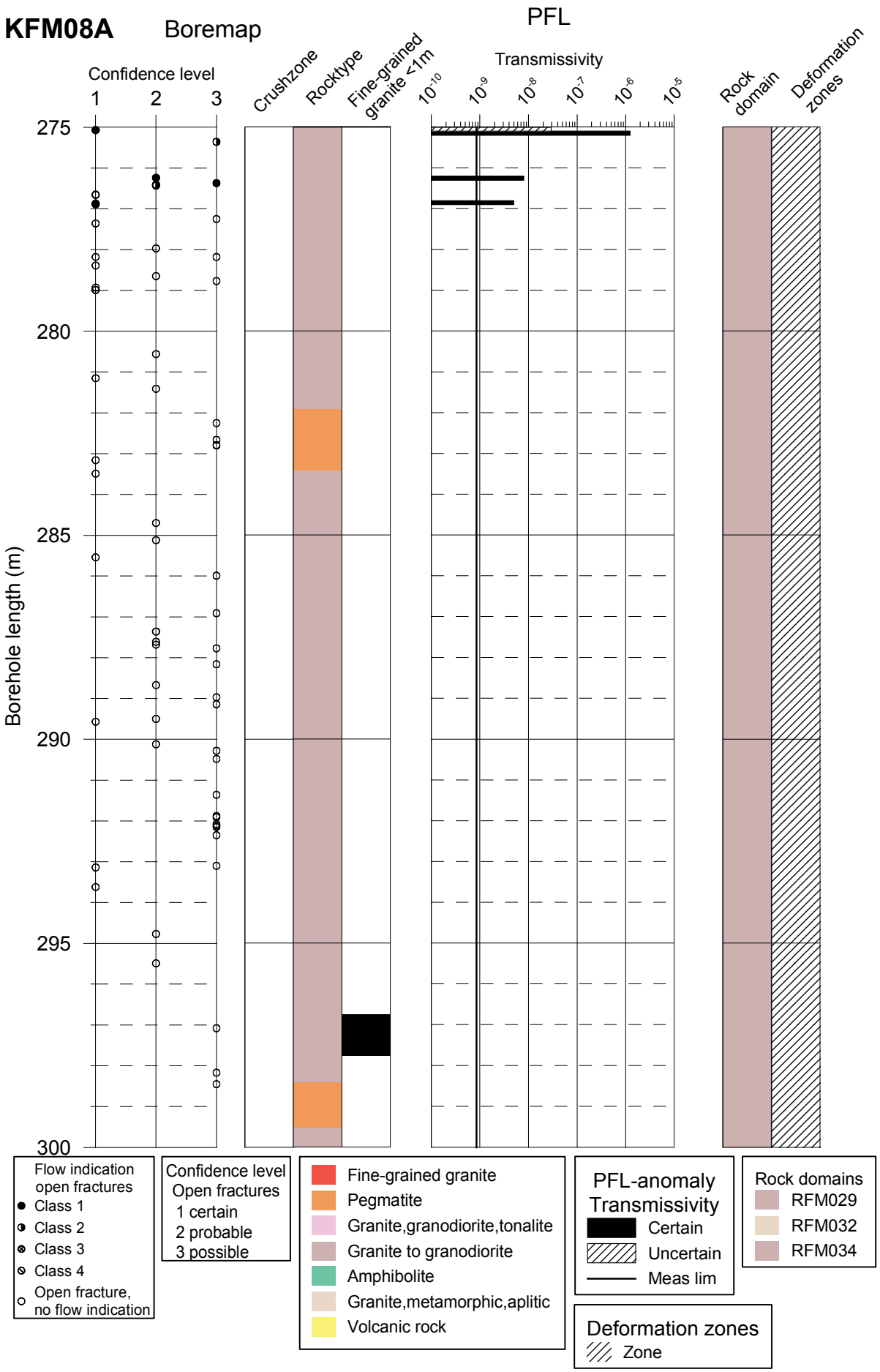

KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
150
155
160
165
170
175
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone

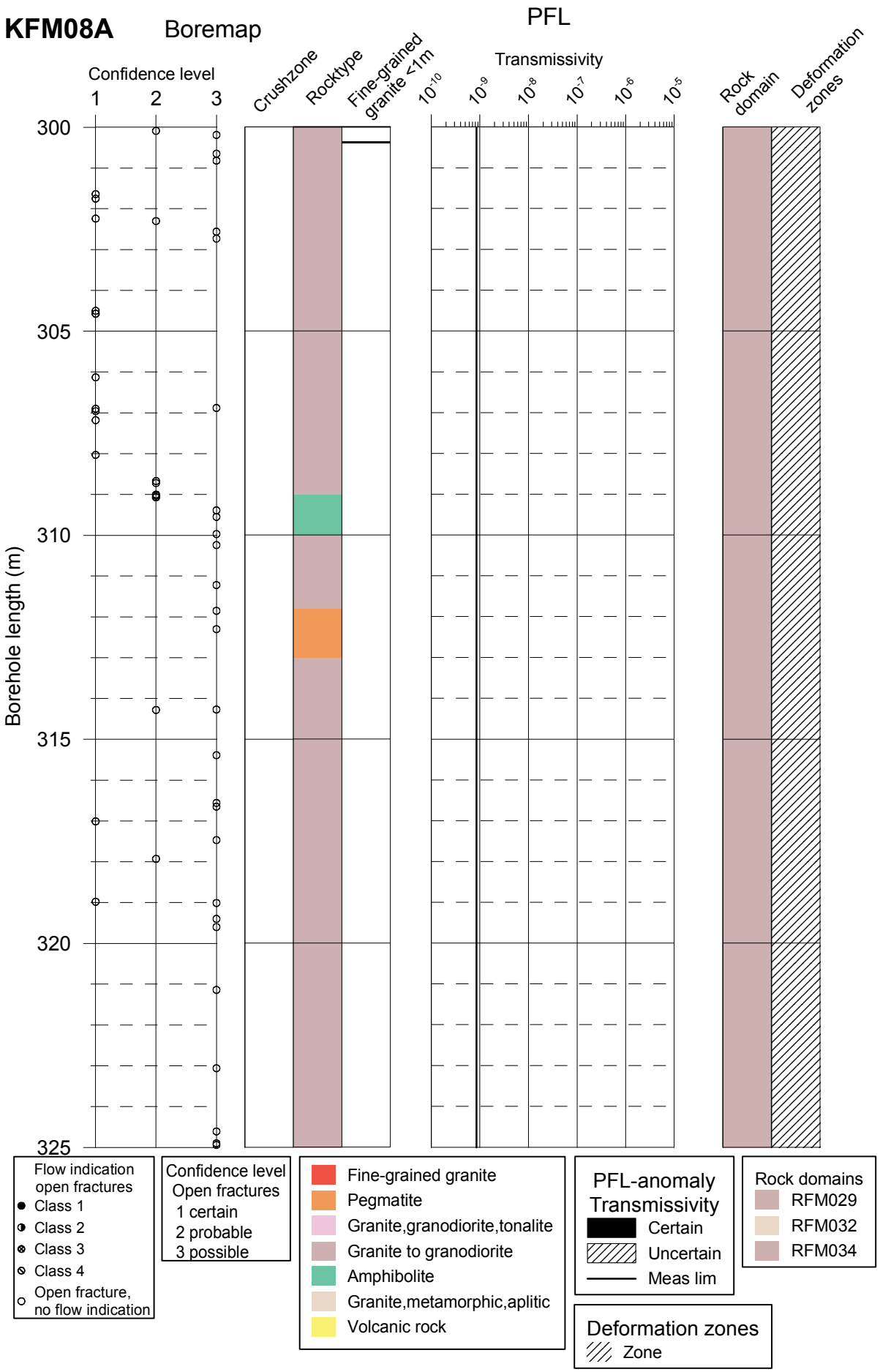

KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
175
180
185
190
195
200
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone


KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
200
205
210
215
220
225
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone


KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
225
230
235
240
245
250
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone


KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
250
255
260
265
270
275
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone


KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
275
280
285
290
295
300
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone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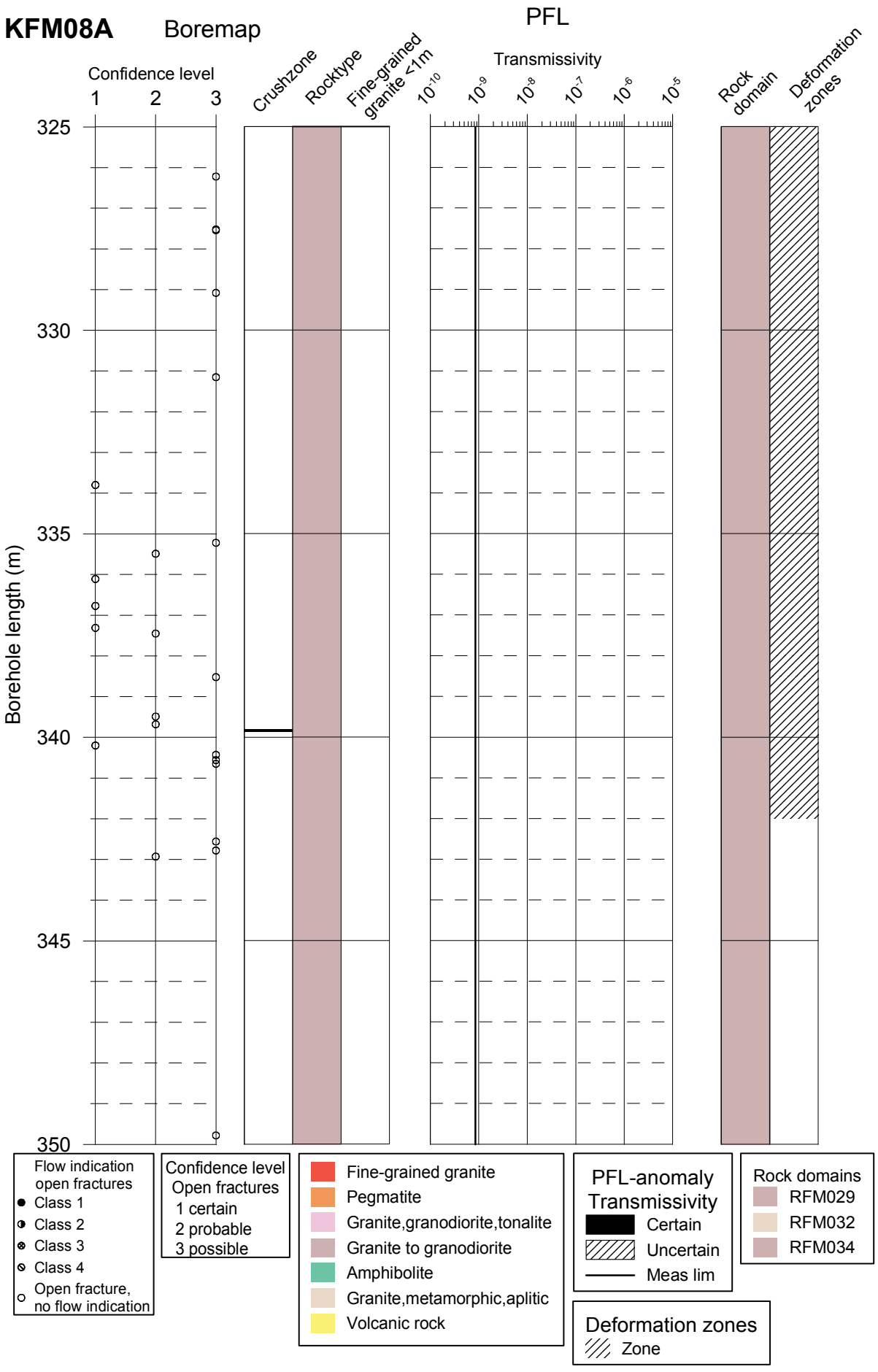
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
300
305
310
315
320
325
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone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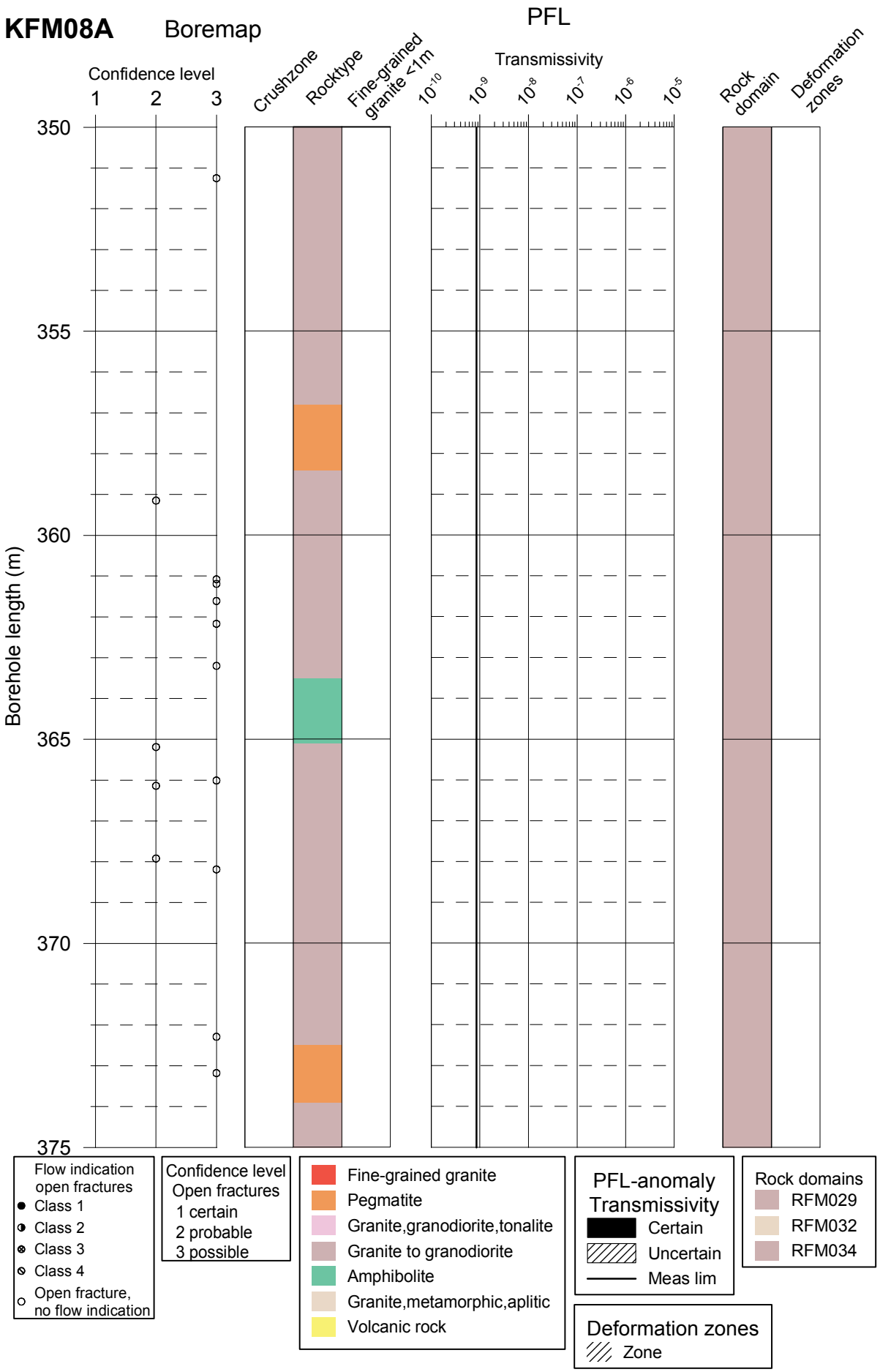
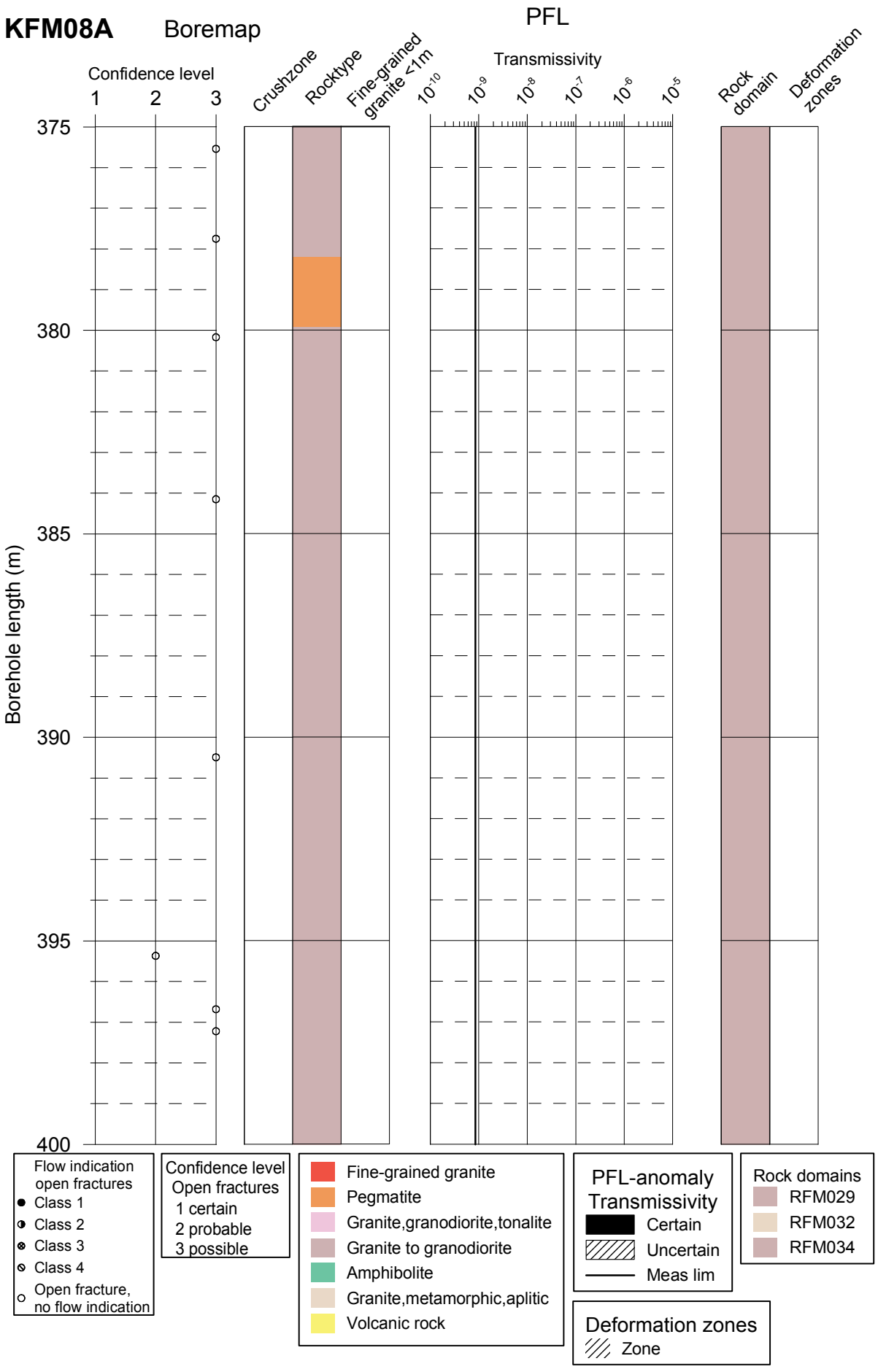
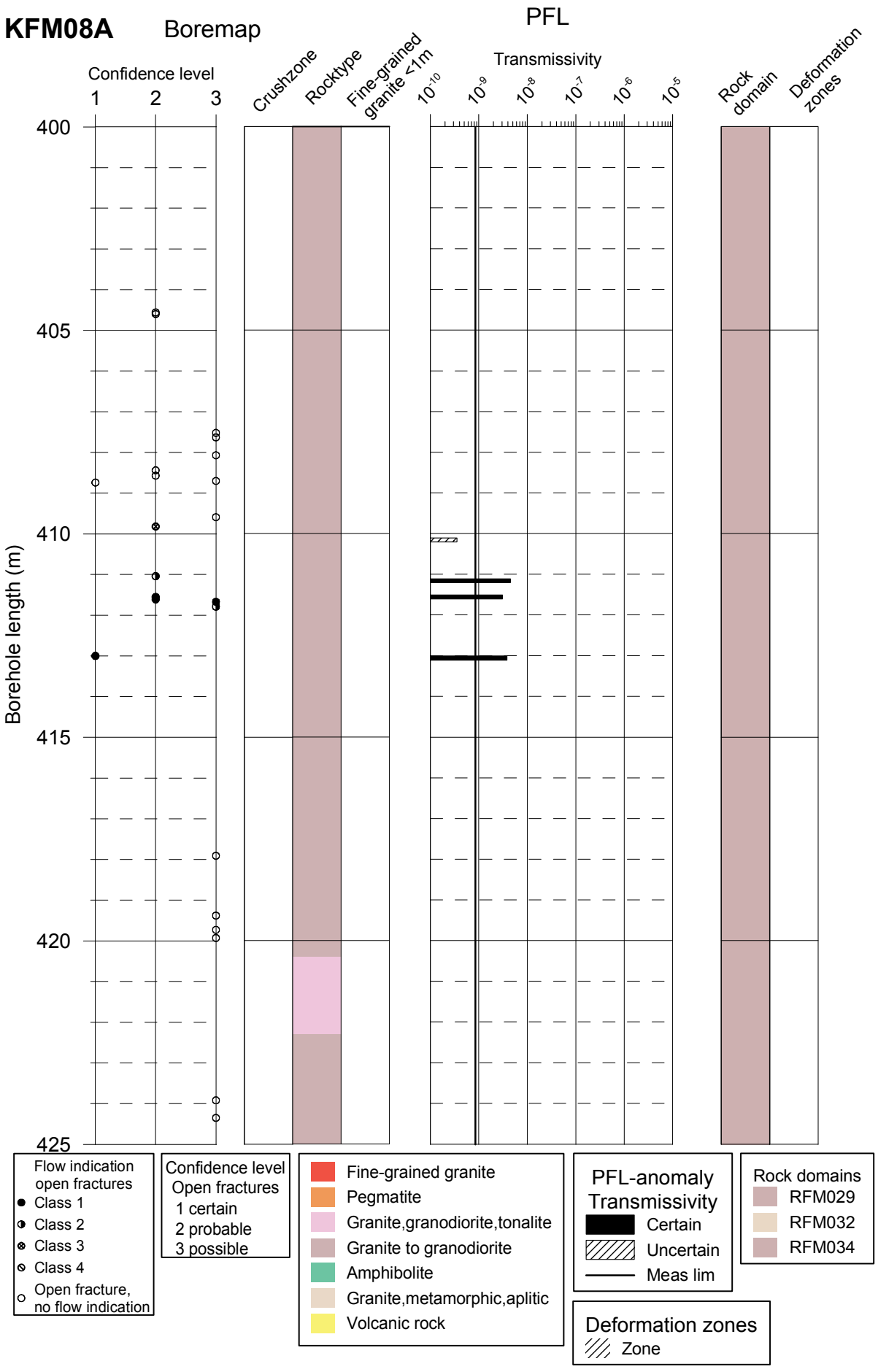
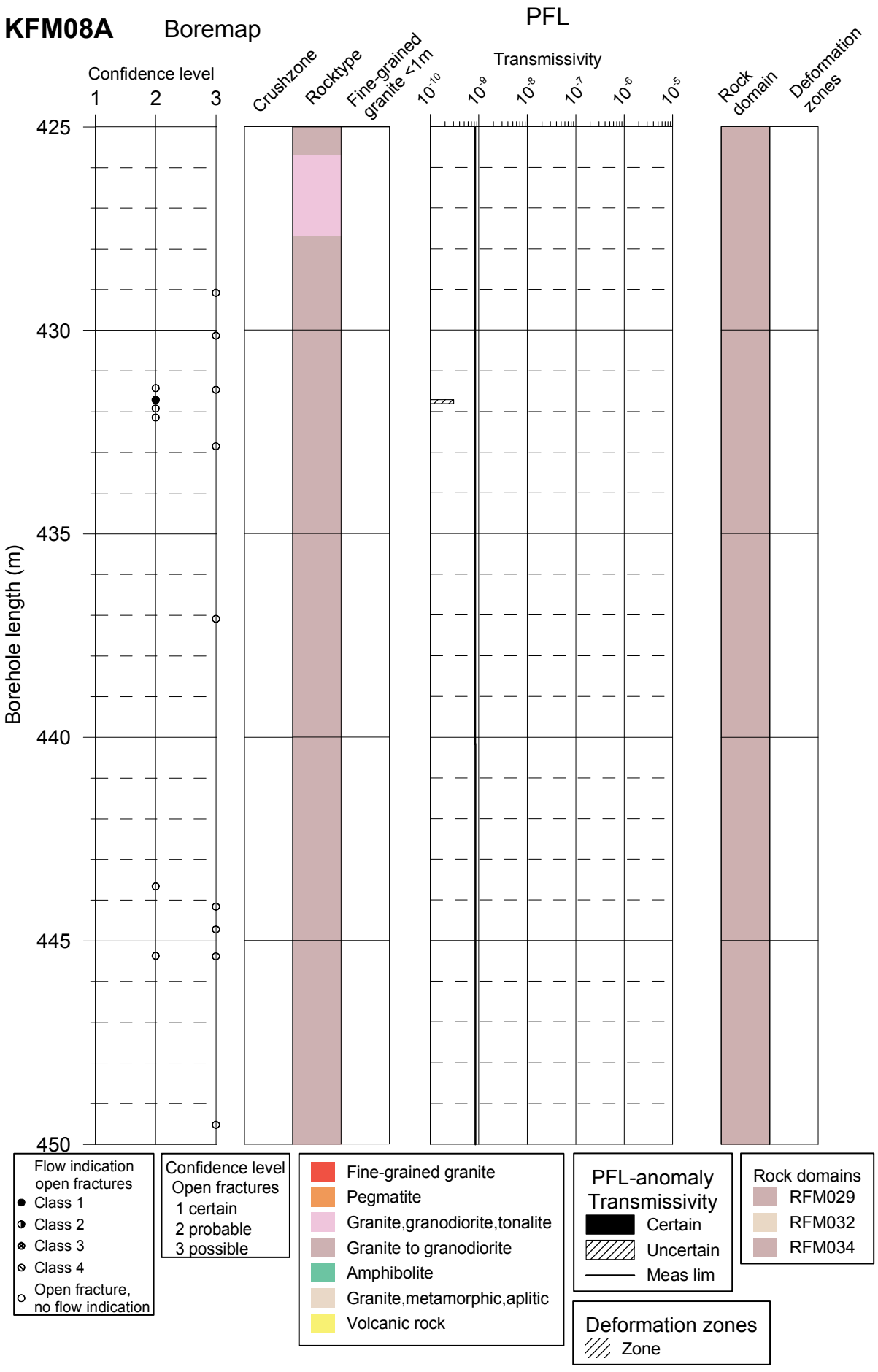
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
325
330
335
340
345
350
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone


KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
350
355
360
365
370
375
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone


KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
375
380
385
390
395
400
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone


KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
400
405
410
415
420
425
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone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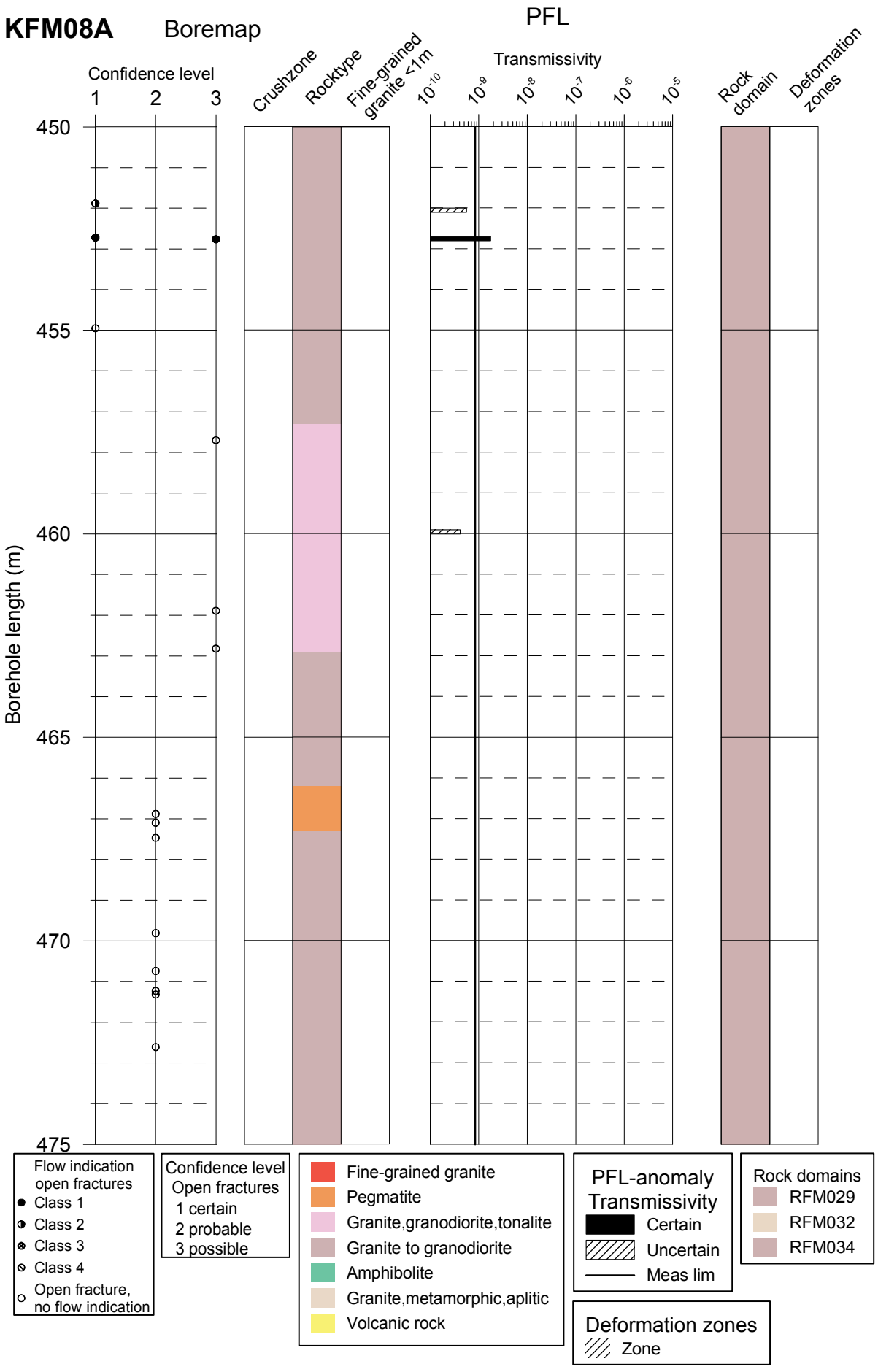
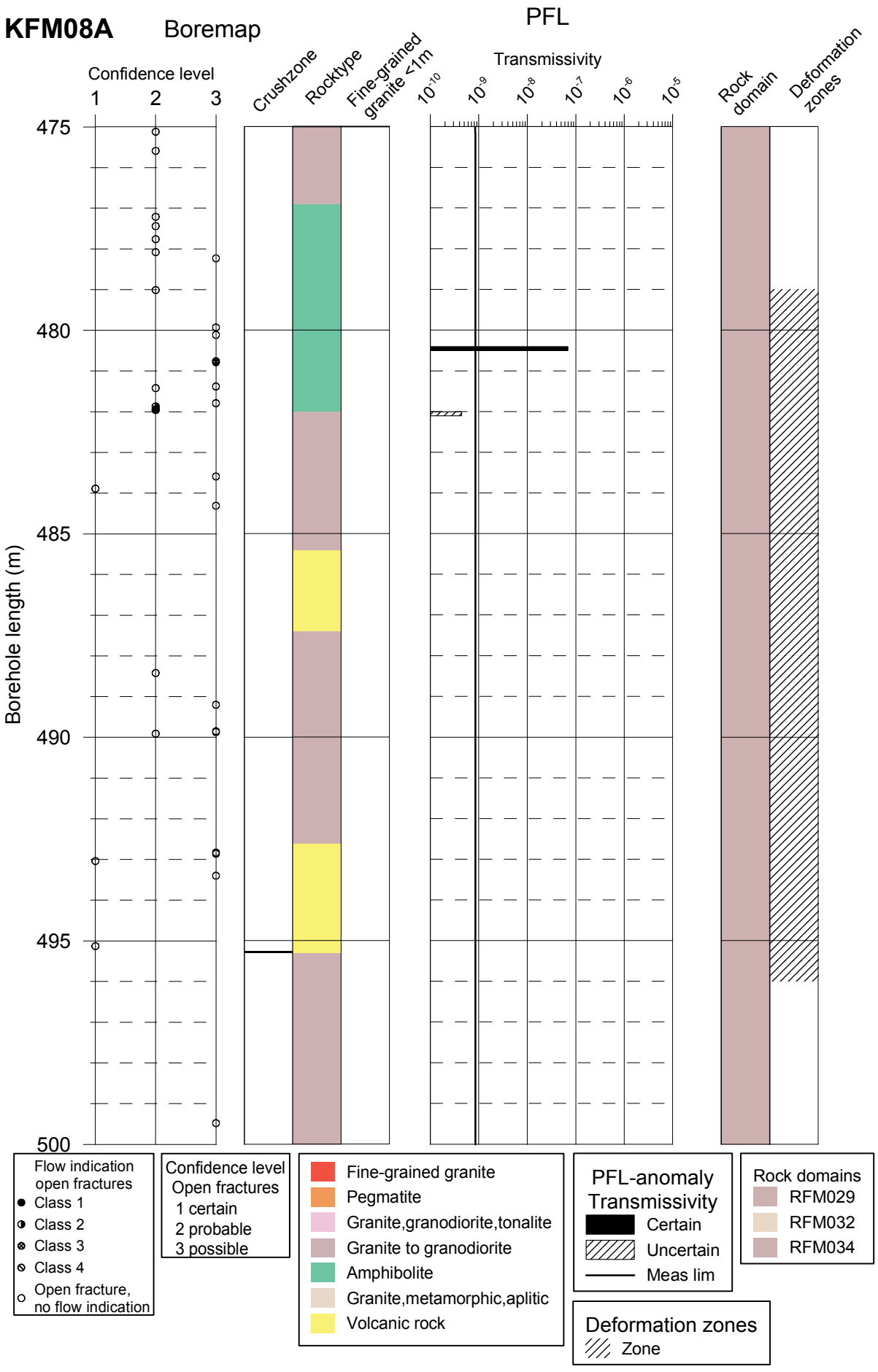
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
425
430
435
440
445
450
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone


KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
450
455
460
465
470
475
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone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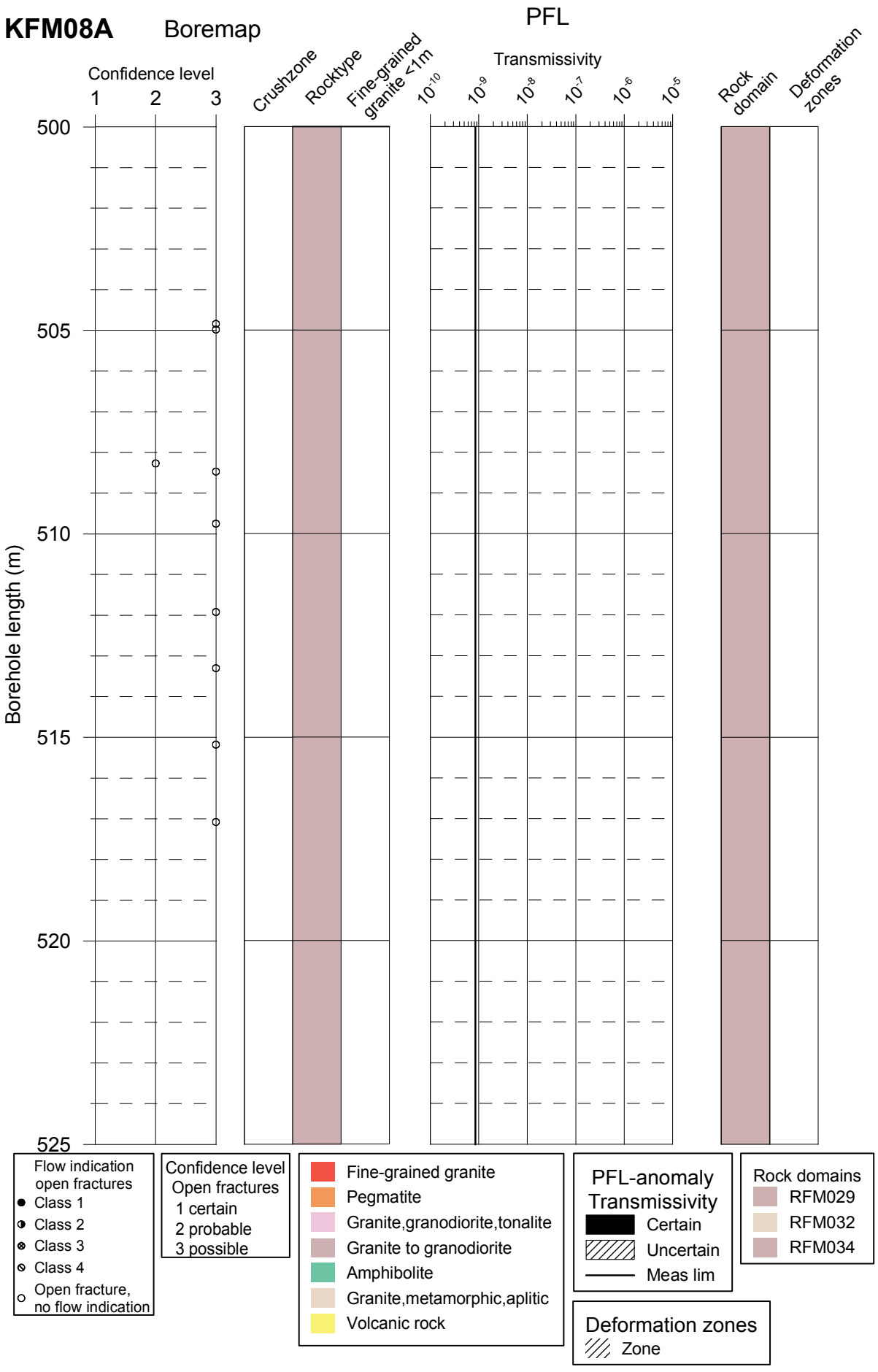
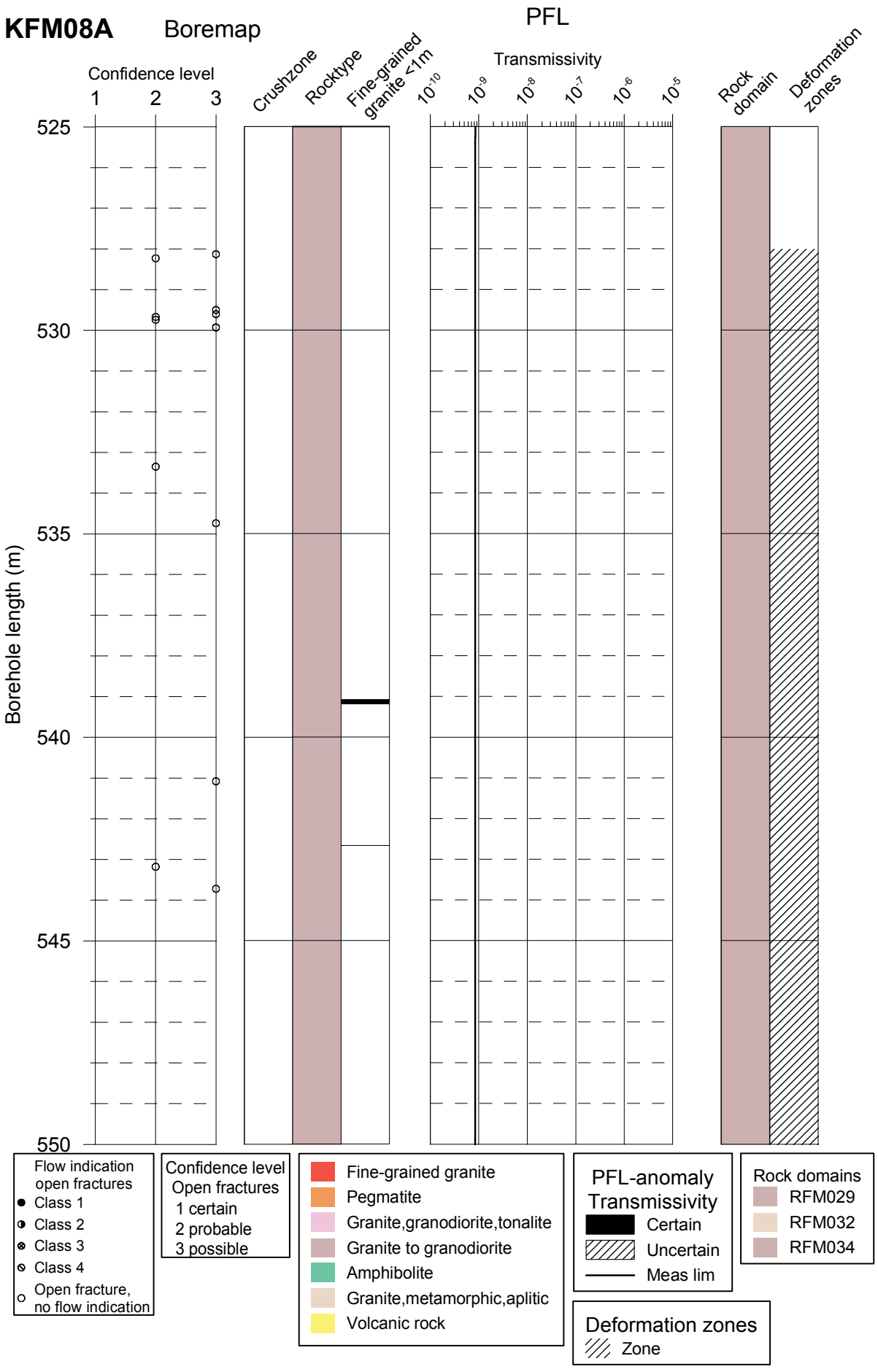
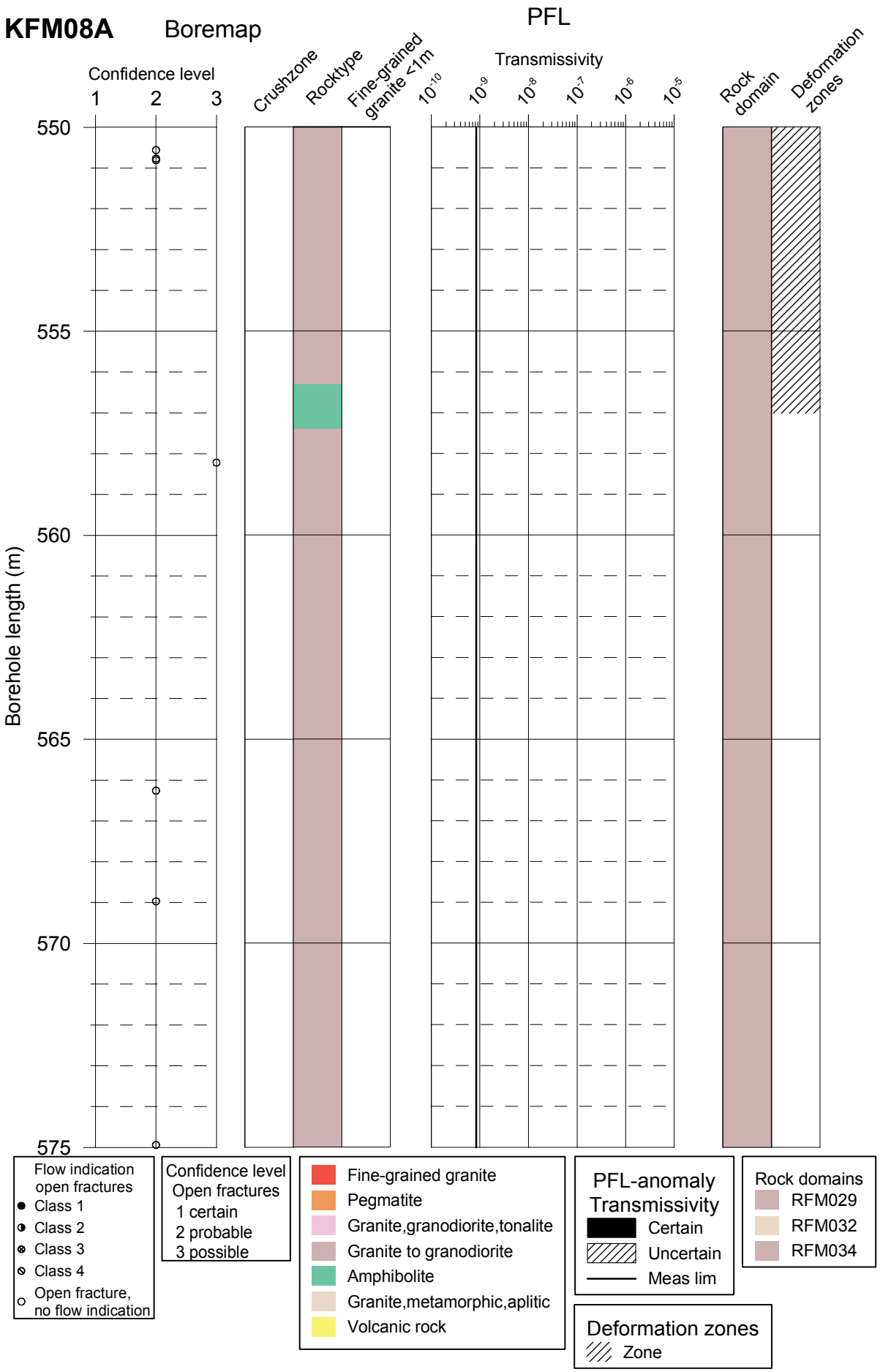
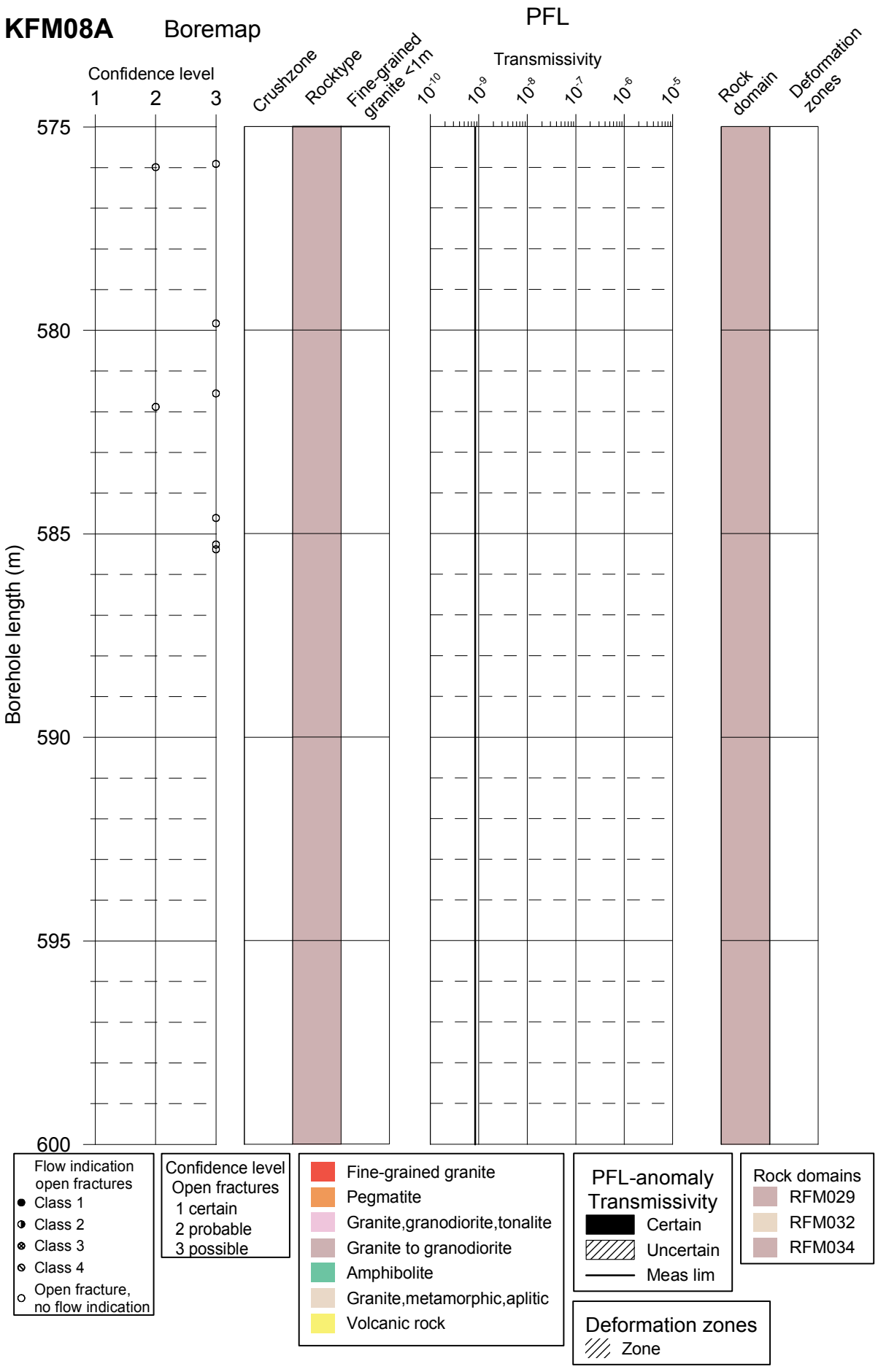
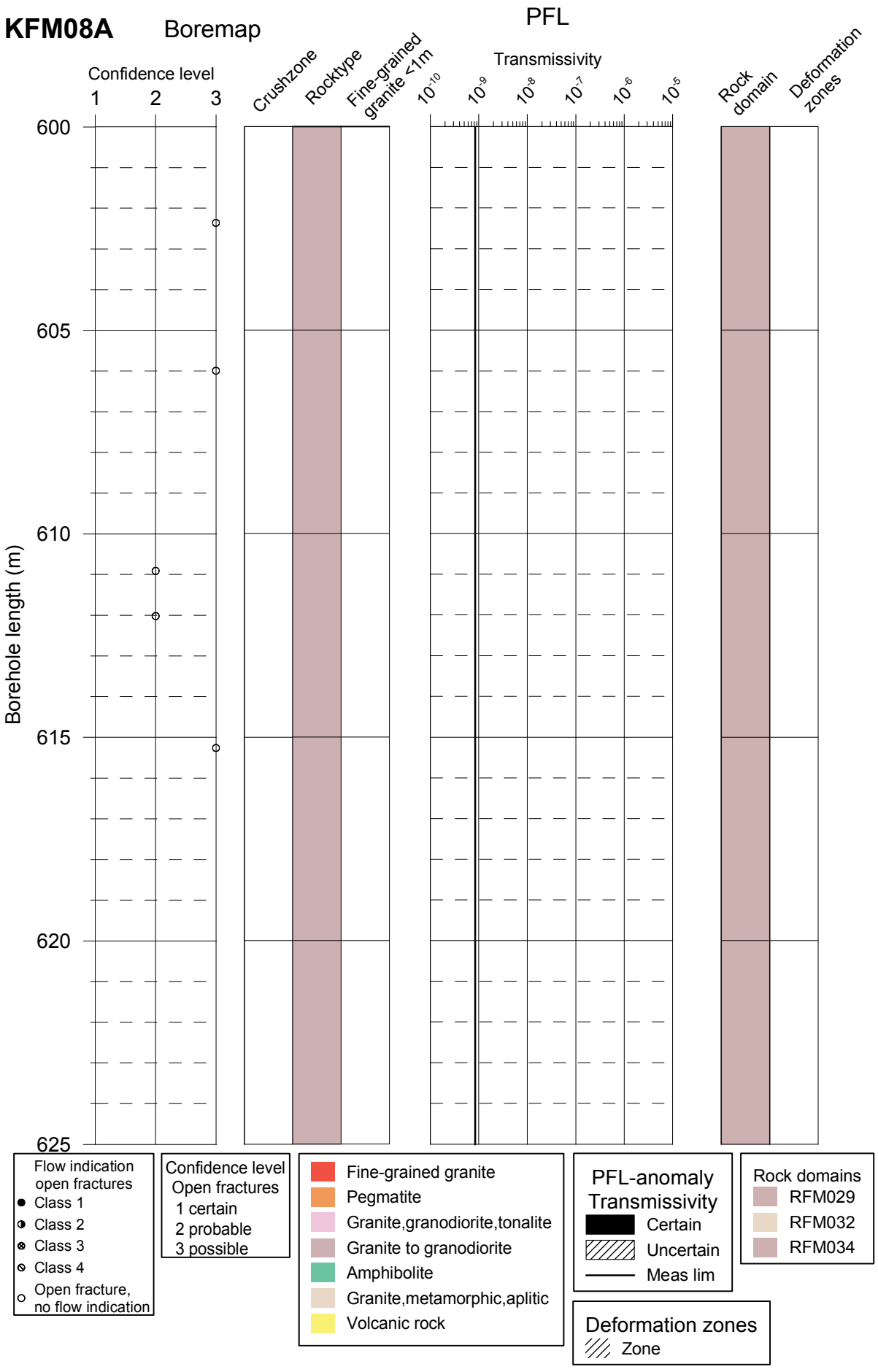
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
475
480
485
490
495
500
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone


KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
500
505
510
515
520
525
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone


KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
525
530
535
540
545
550
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone


KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
550
555
560
565
570
575
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone


KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
575
580
585
590
595
600
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone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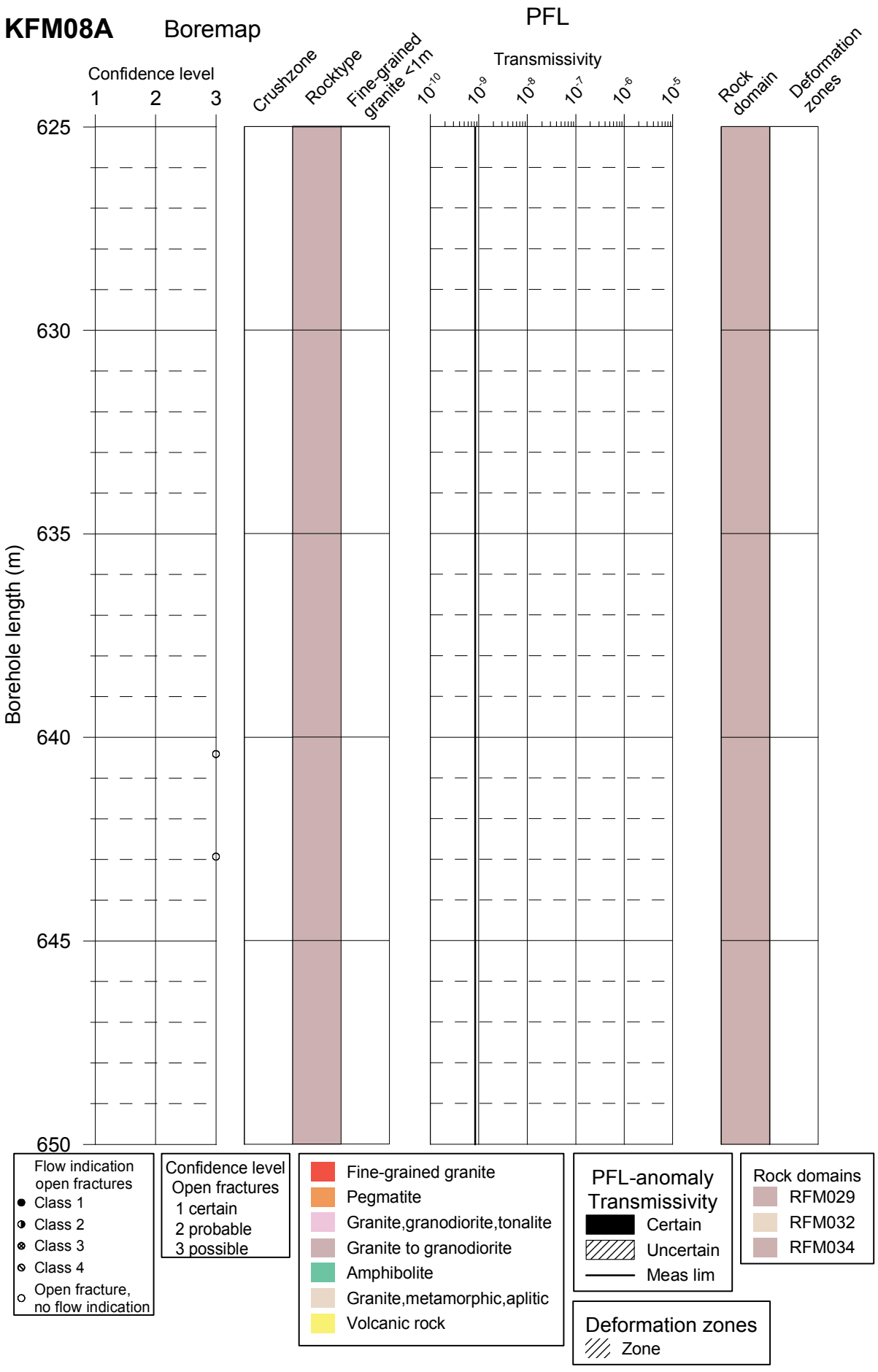
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
600
605
610
615
620
625
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone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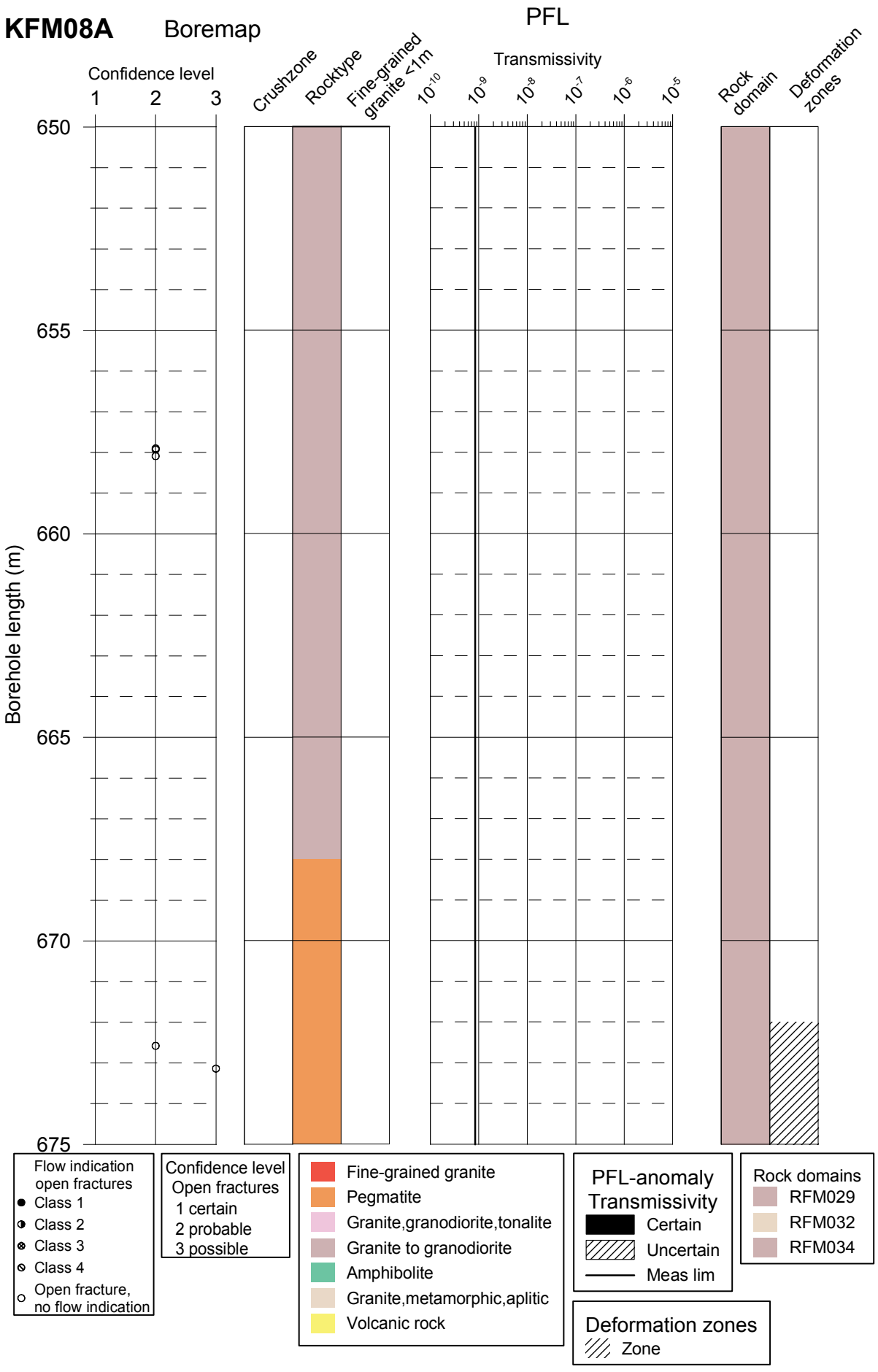
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
625
630
635
640
645
650
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone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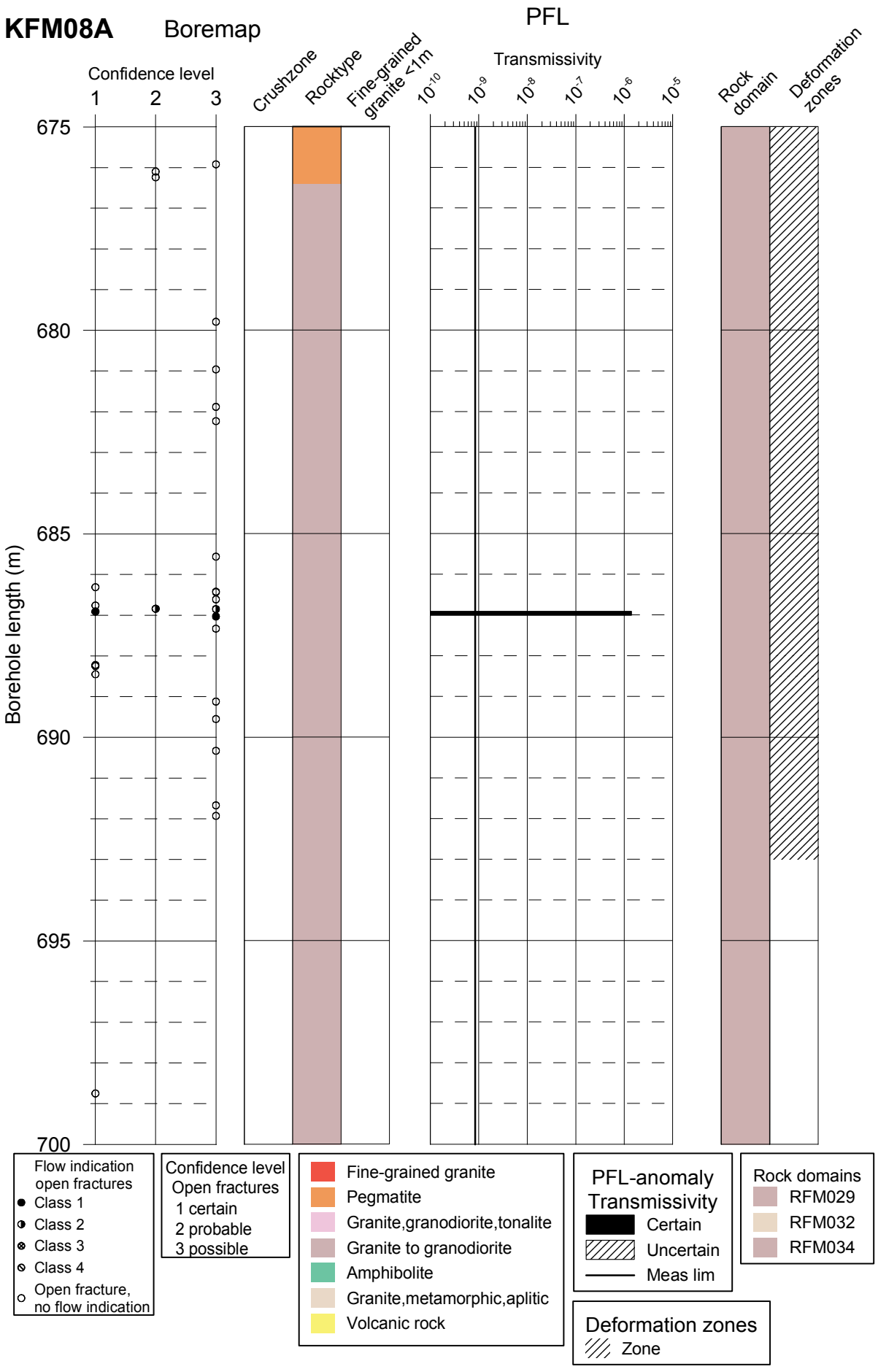
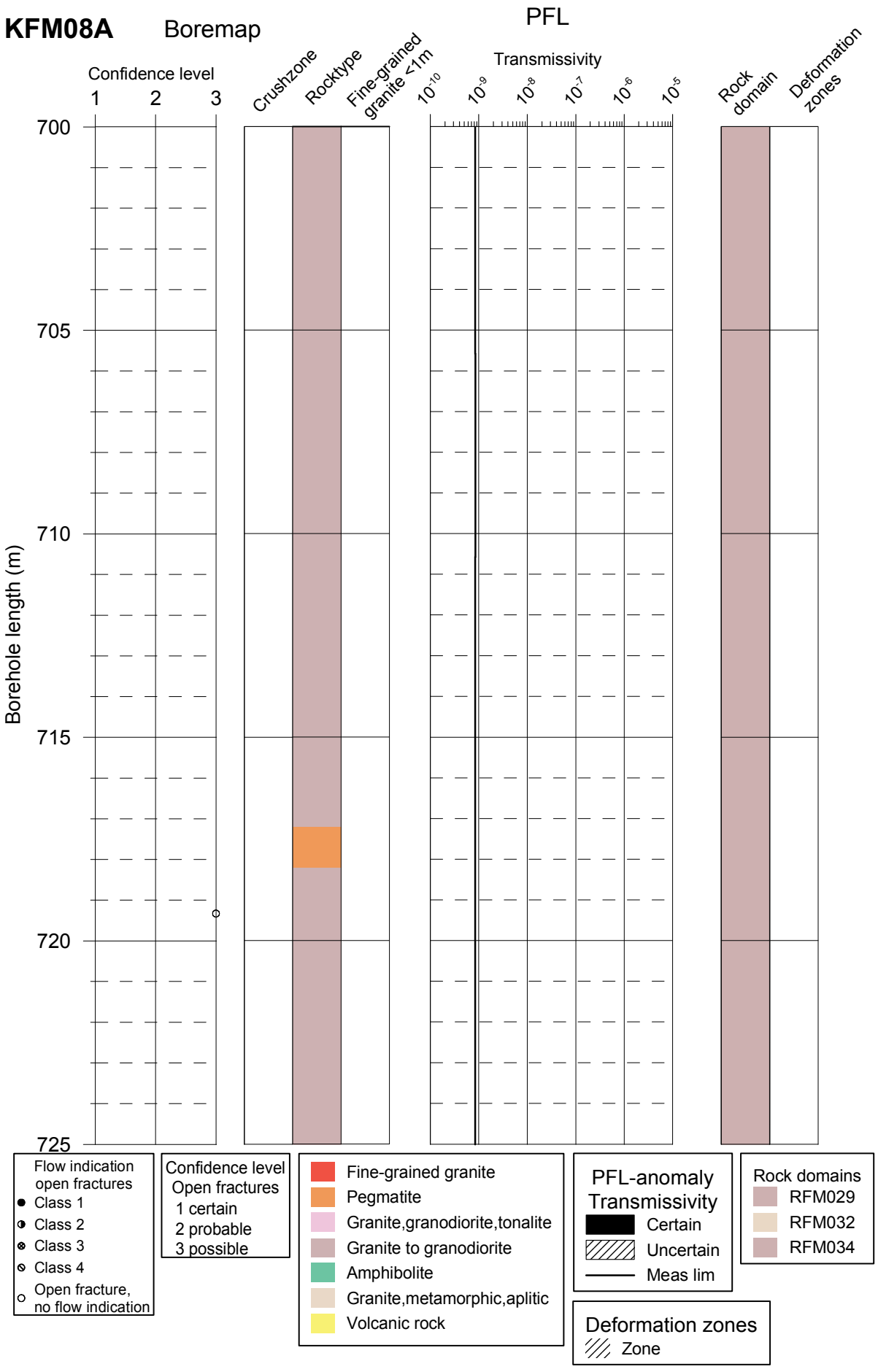
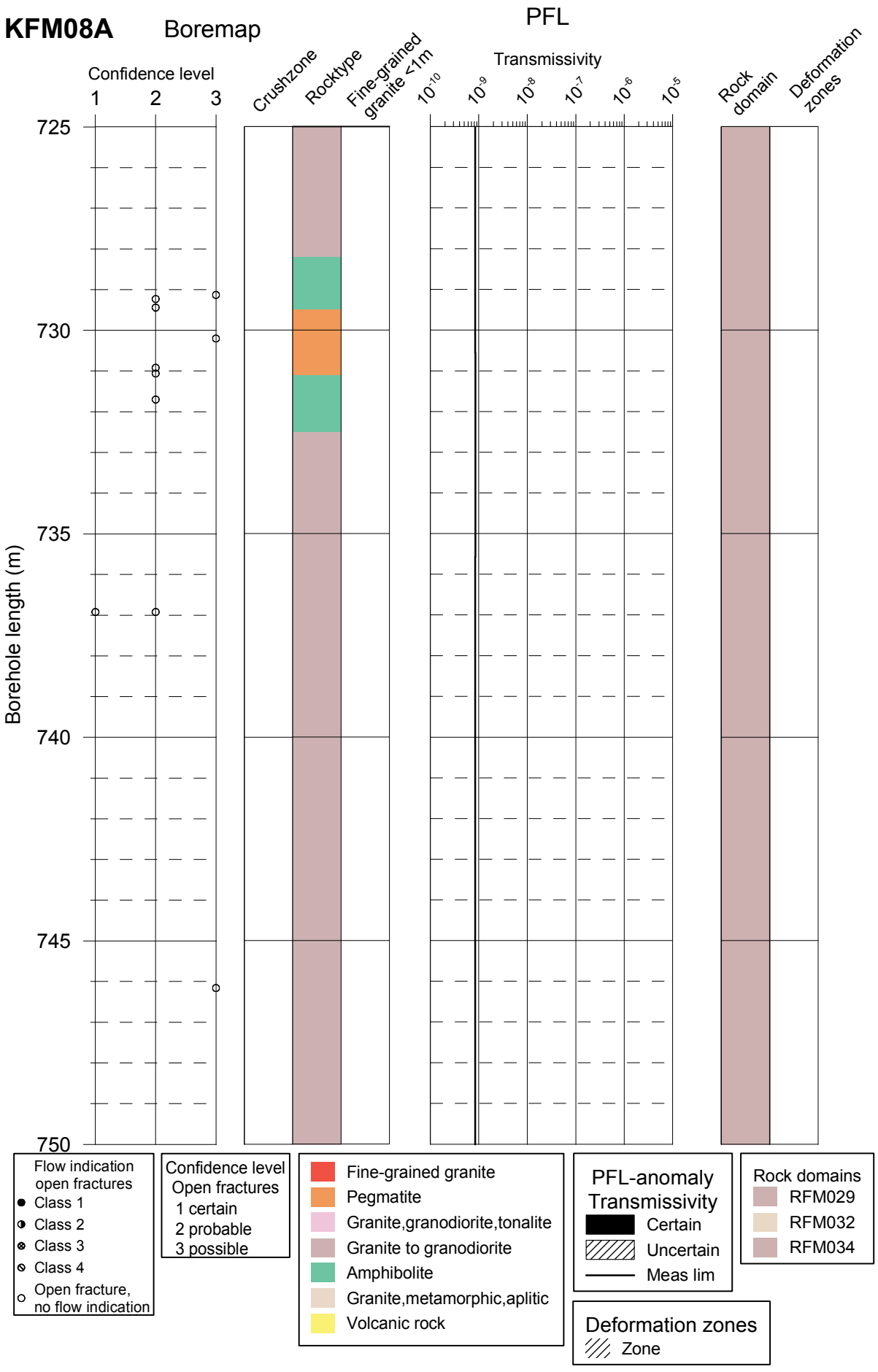
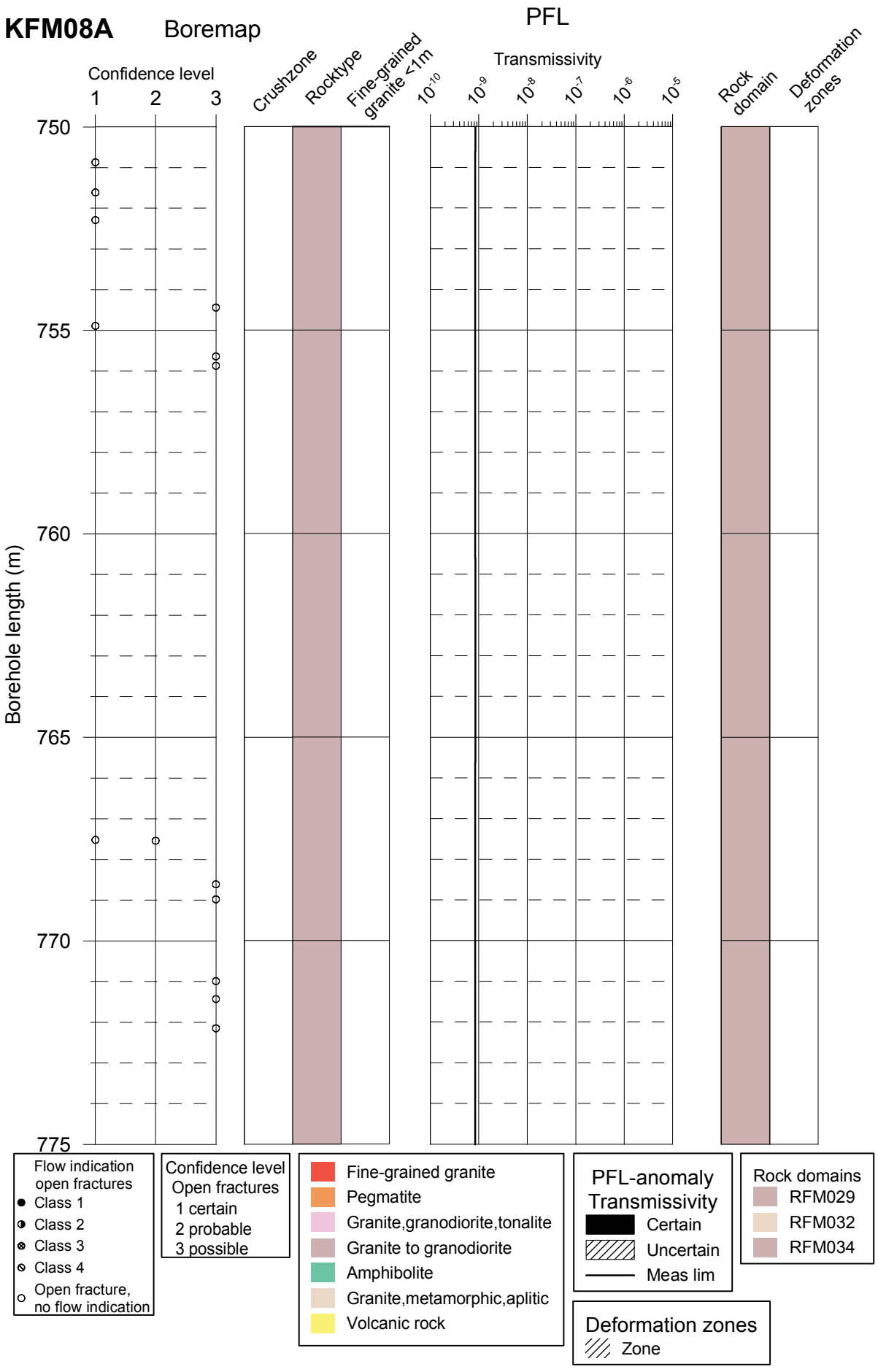
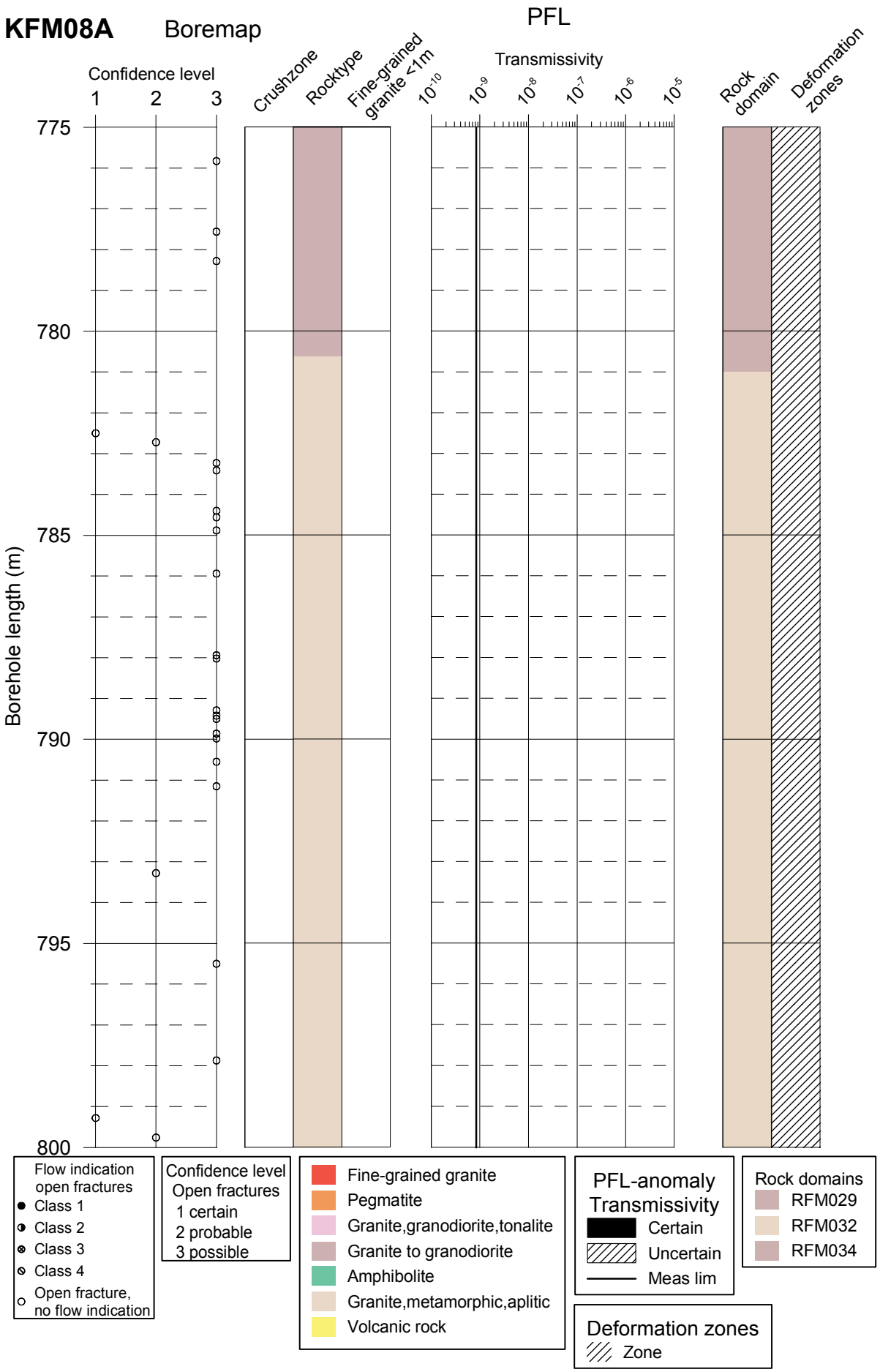
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
650
655
660
665
670
675
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone

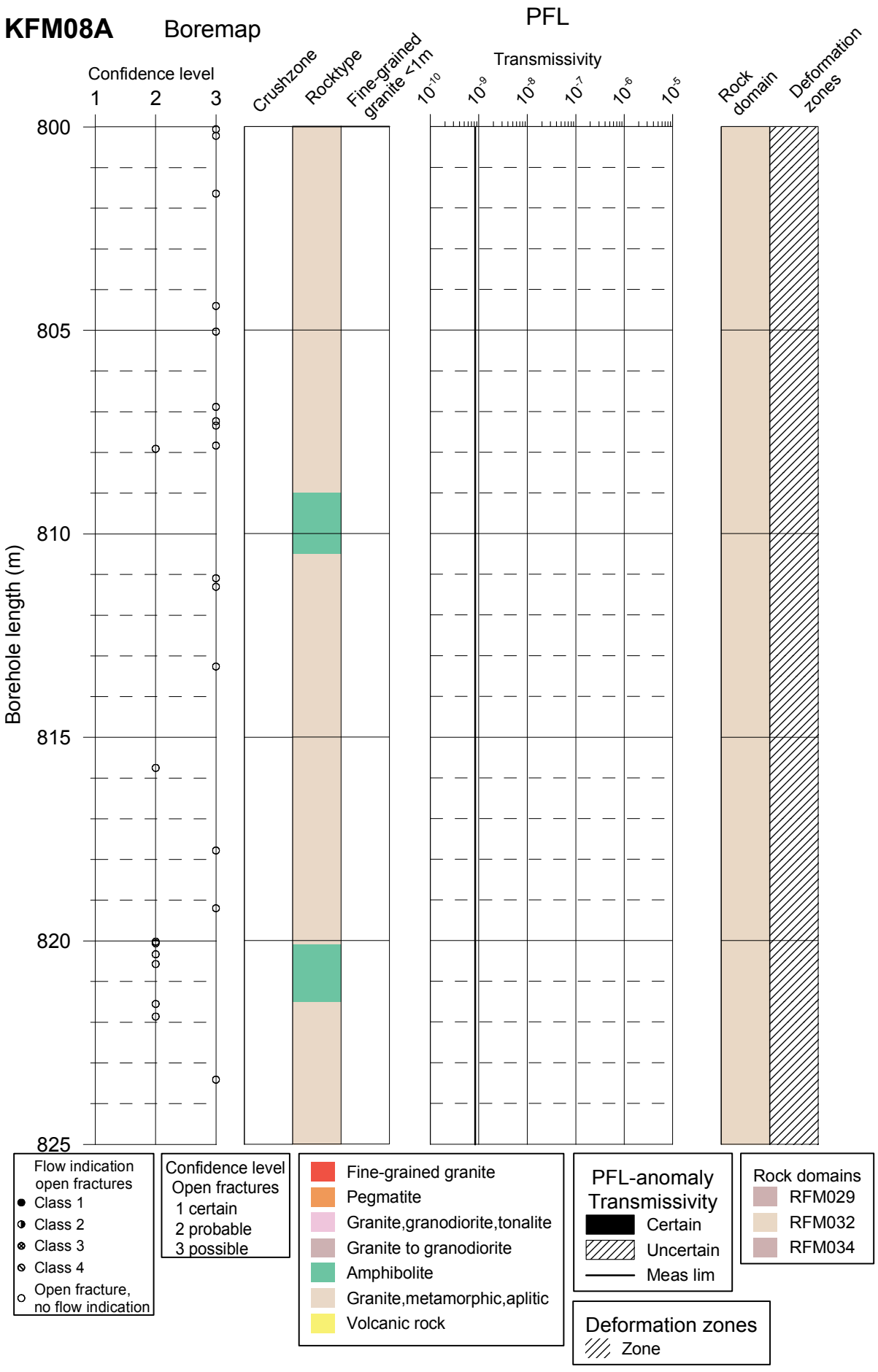

KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
675
680
685
690
695
700
Borehole length (m)
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone

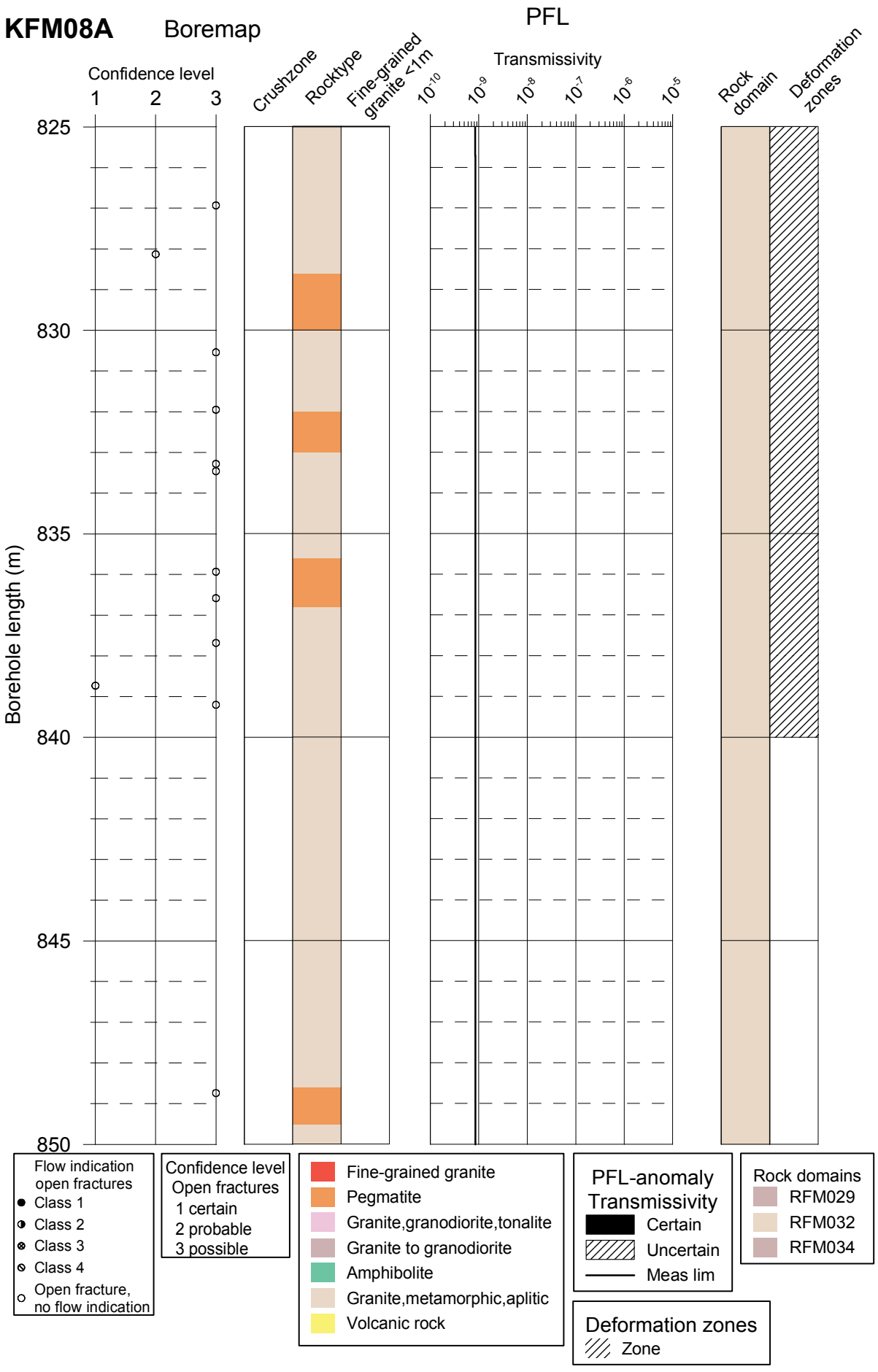

KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
700
705
710
715
720
725
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone

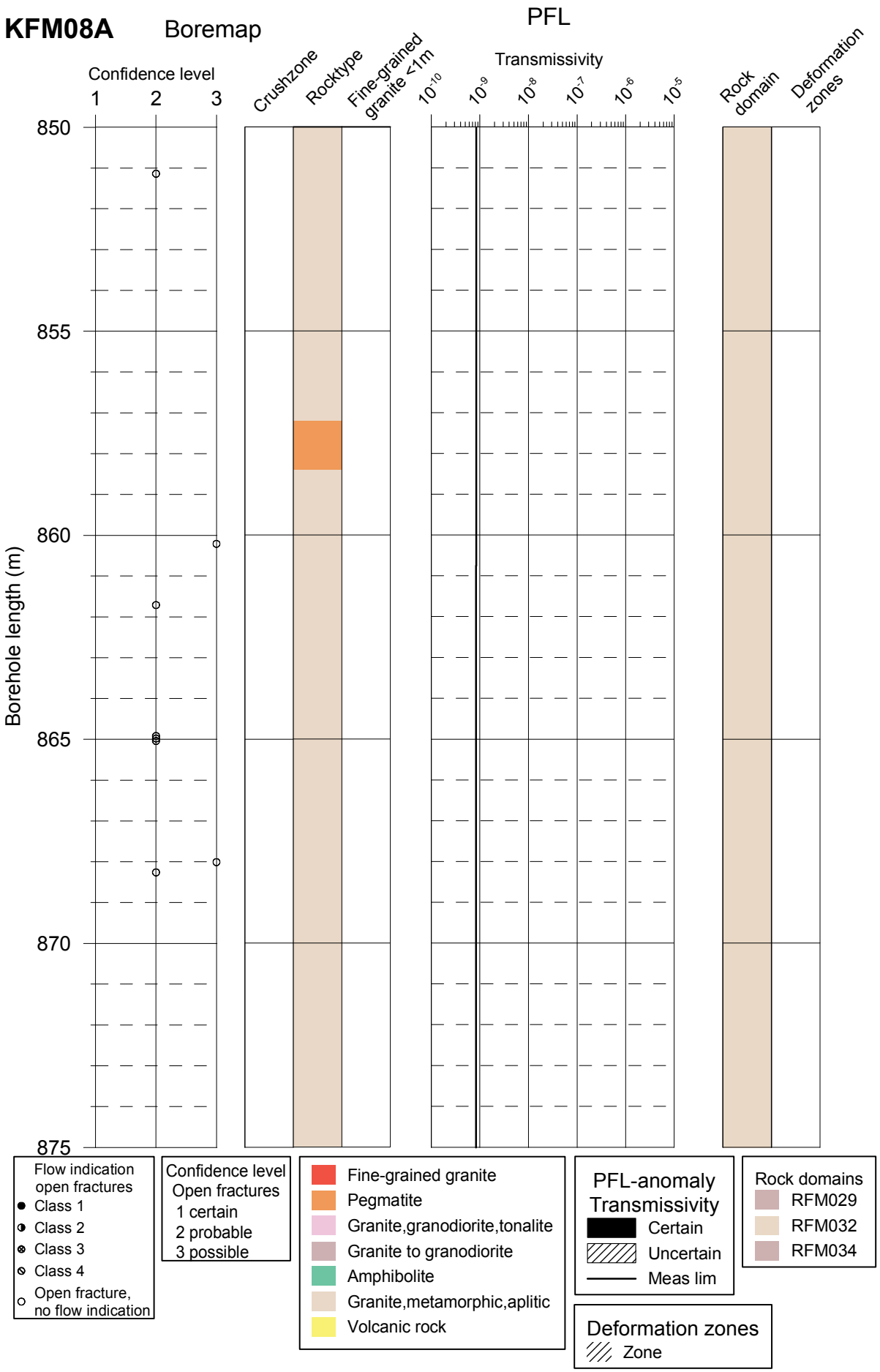

KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
725
730
735
740
745
750
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone

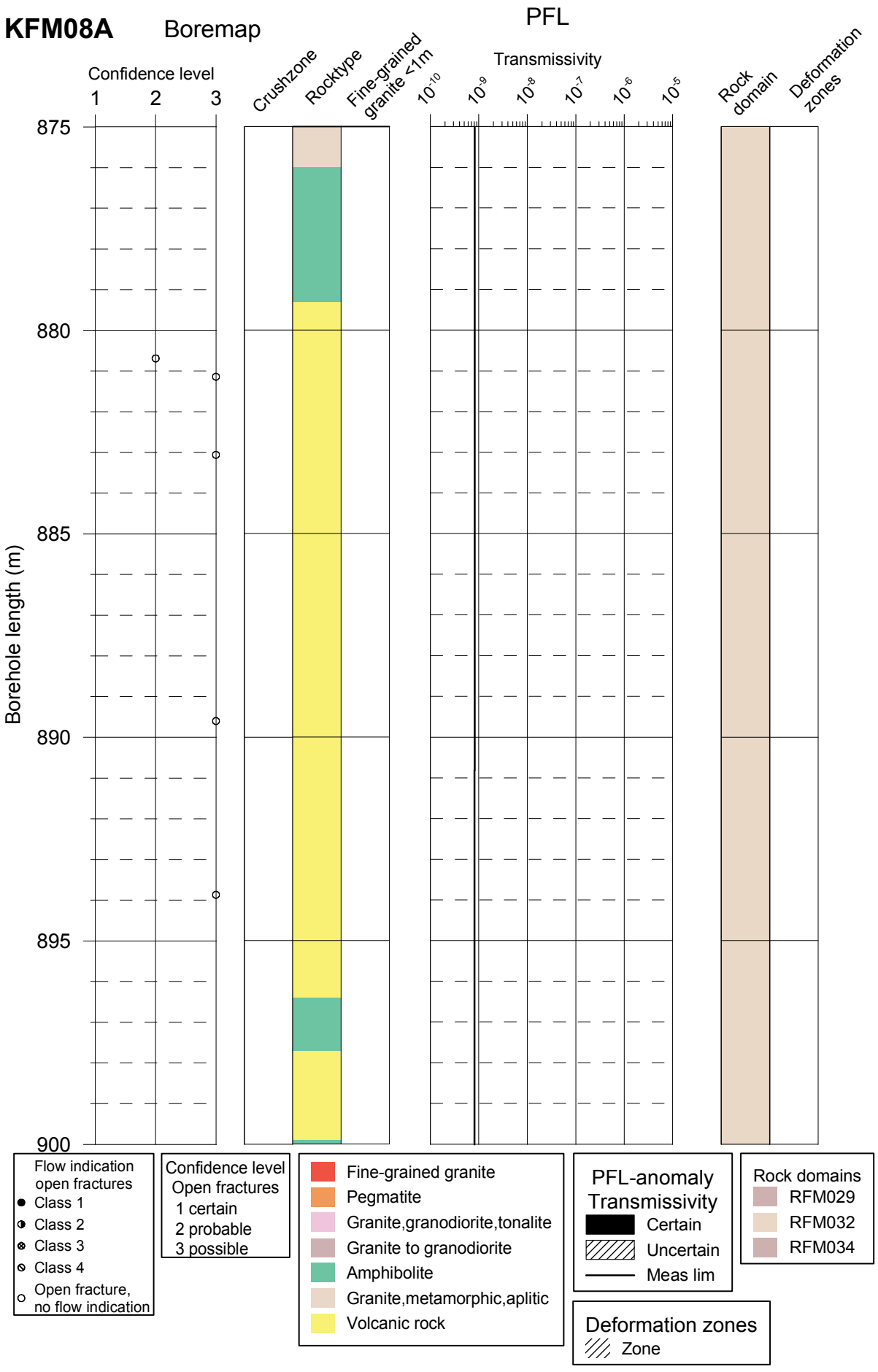

KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
750
755
760
765
770
775
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone

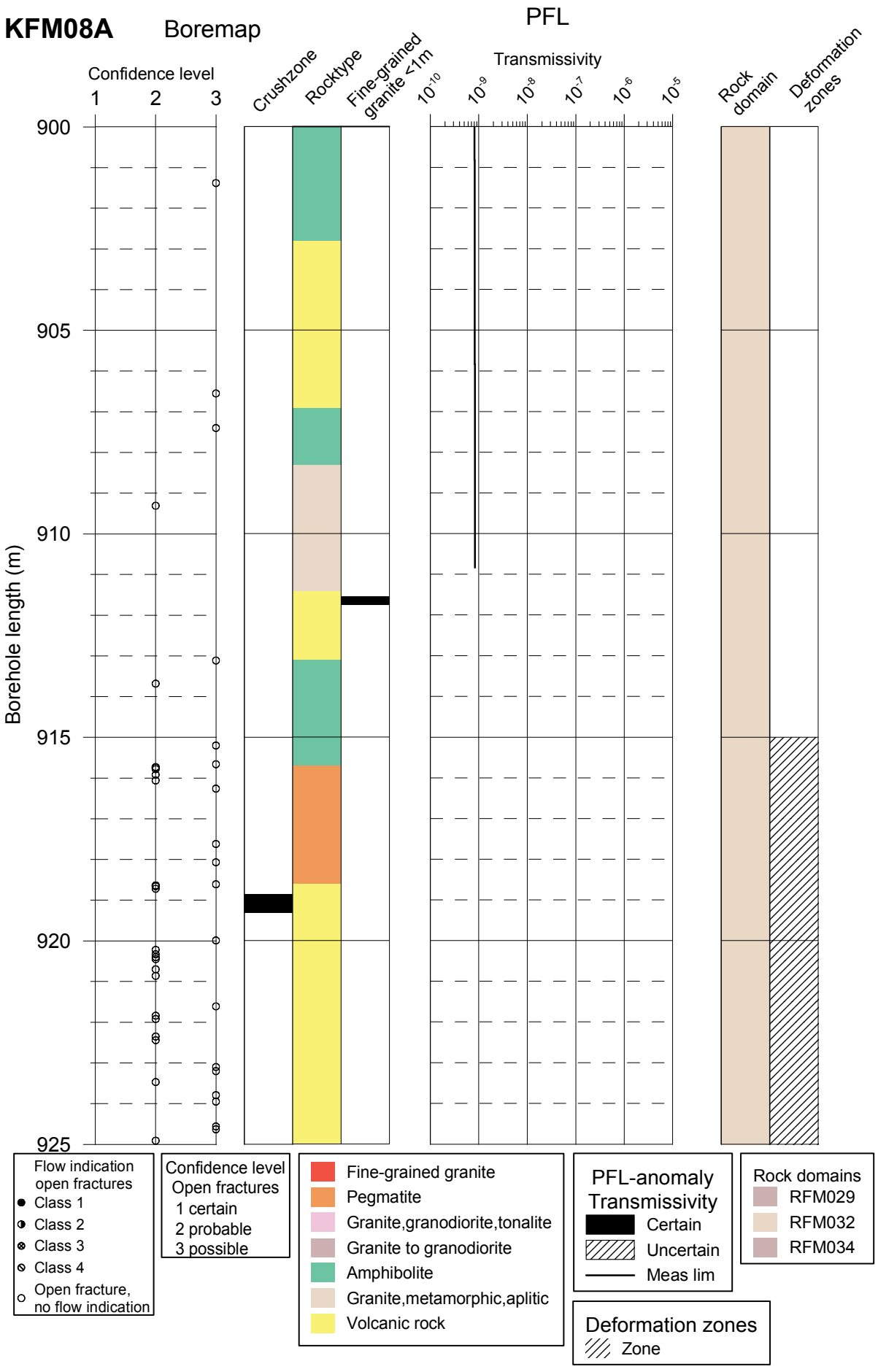

KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
775
780
785
790
795
800
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone

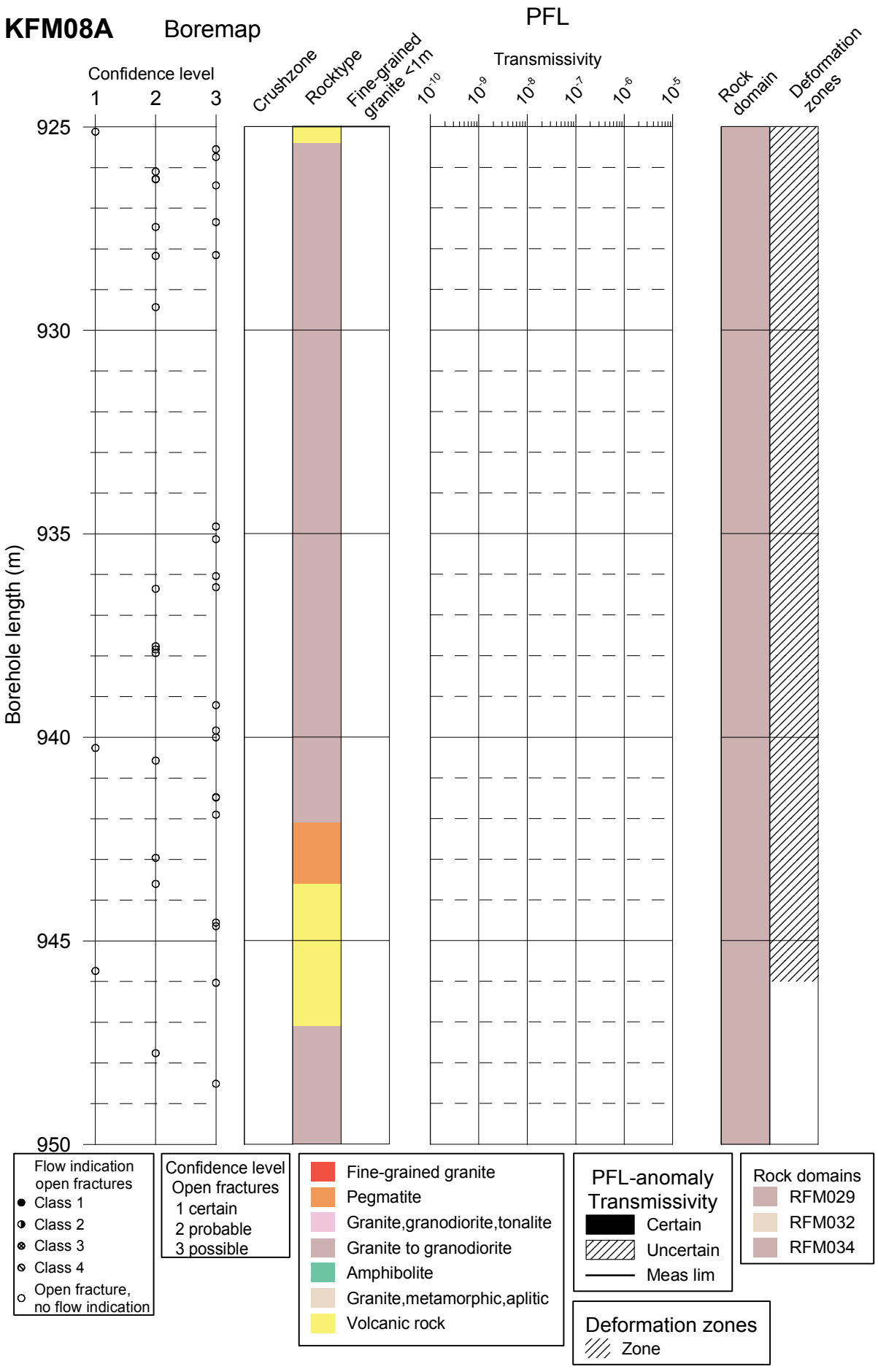

KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
800
805
810
815
820
825
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone

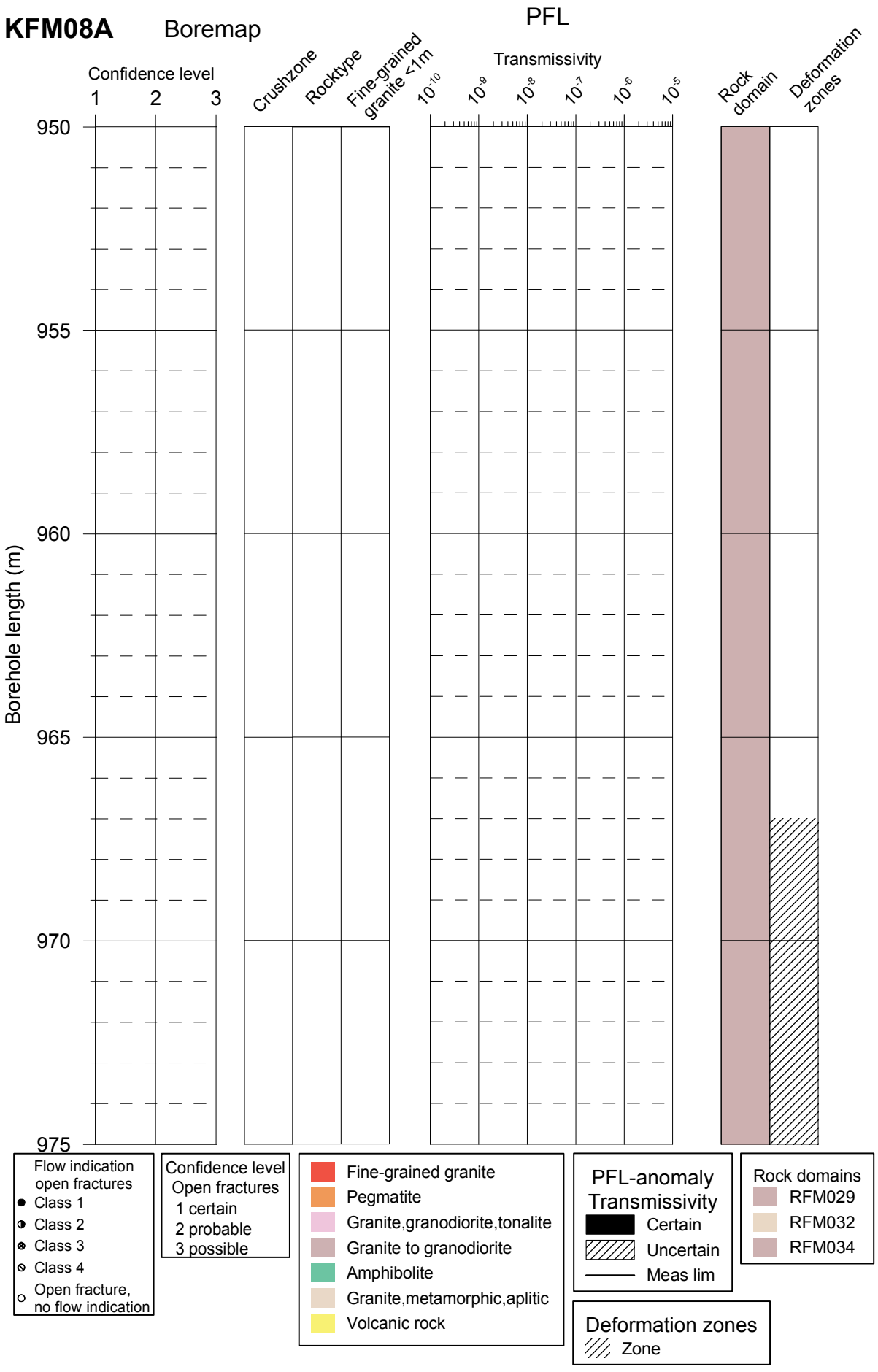

KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
825
830
835
840
845
850
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone

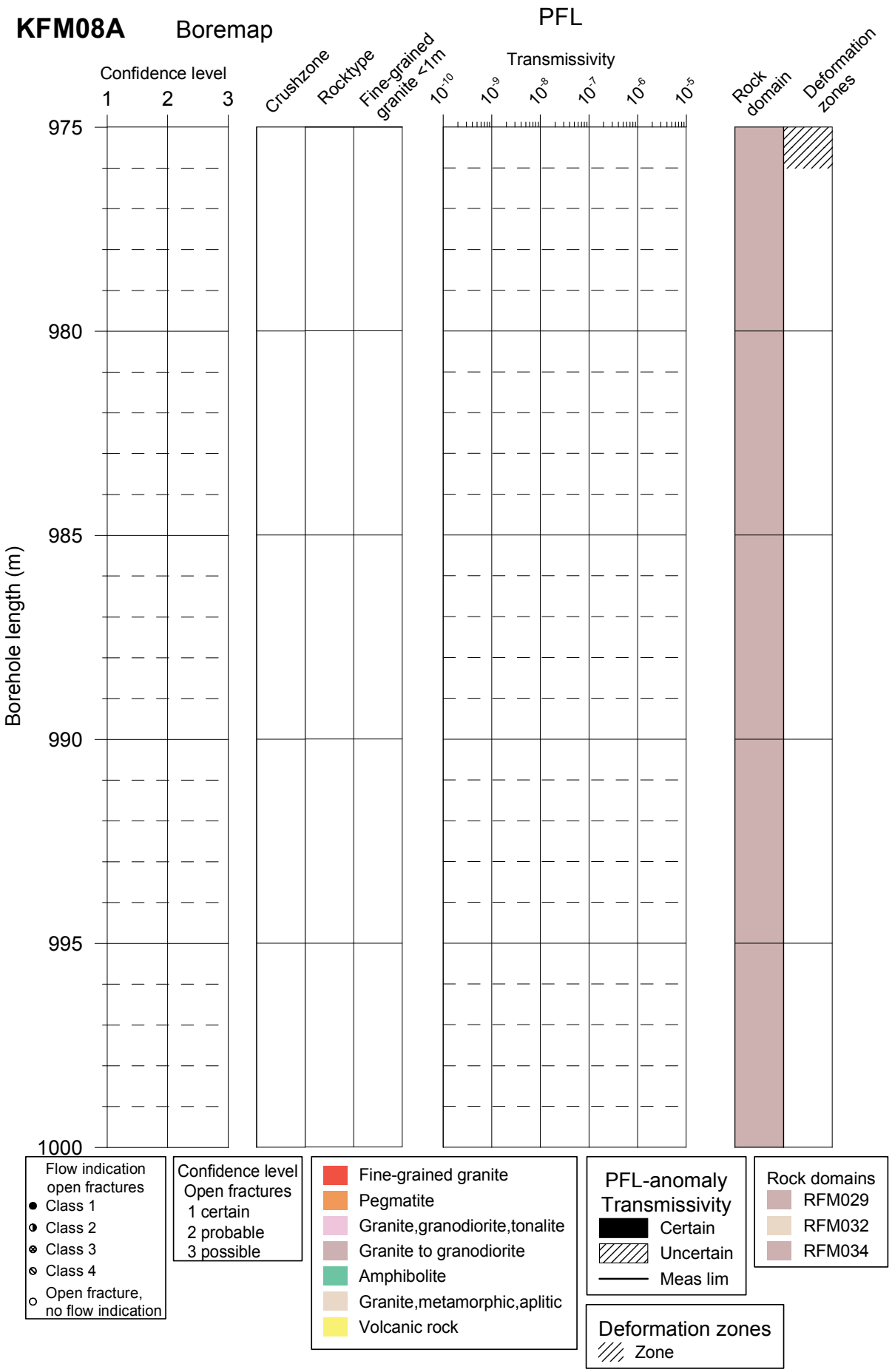

KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
850
855
860
865
870
875
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone


KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
875
880
885
890
895
900
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone


KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
900
905
910
915
920
925
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone


KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
925
930
935
940
945
950
Borehole length (m)
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone


KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
950
955
960
965
970
975
Borehole length (m)
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone


KFM08A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
975
980
985
990
995
1000
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Volcanic rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM032
RFM034
Deformation zones
Zone

KFM08A

Table A3-1. KFM08A. Interpretation of PFL measurements and BOREMAP data

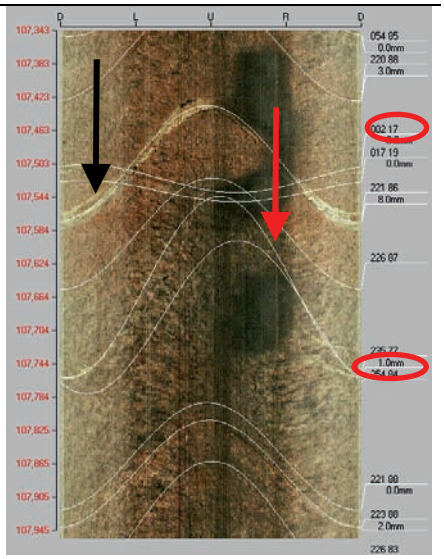
PFL anom. No	PFL anom data	Boremap data	BIPS Image
1a	Bh-length (m) = 107,6 T (m^2/s) = 2.48E-10 PFL confidence= Uncertain	Adjusted secup (m) = 107.52 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
1b		Adjusted secup (m) = 107.65 Fract_interpret / Varcode= partly open. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	

Table A3-2. KFM08A. Interpretation of PFL measurements and BOREMAP data

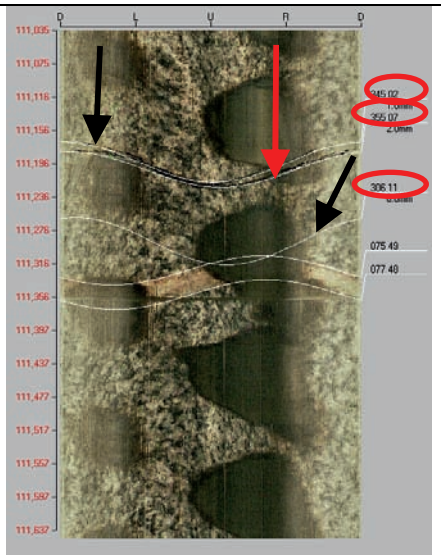
PFL anom. No	PFL anom data	Boremap data	BIPS Image
2a	Bh-length (m) = 111.3 T (m^2/s) = 3.11E-009 PFL confidence= Certain	Adjusted secup (m) = 111.19 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
2b		Adjusted secup (m) = 111.20 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
2c		Adjusted secup (m) = 111.29 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	

Table A3-3. KFM08A. Interpretation of PFL measurements and BOREMAP data

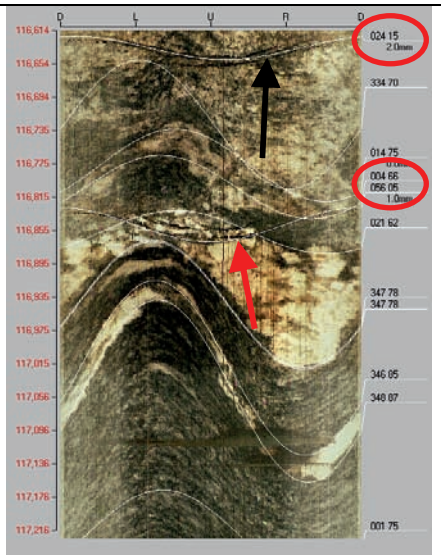
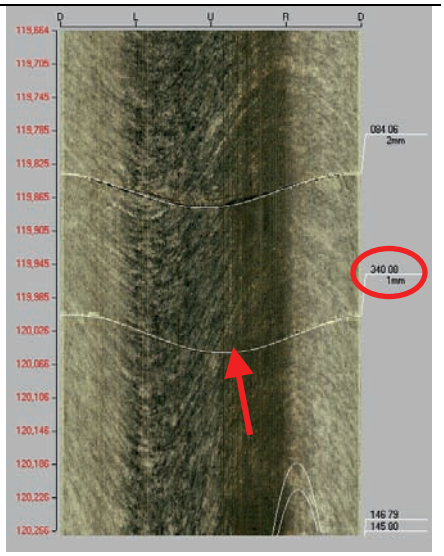
PFL anom. No	PFL anom data	Boremap data	BIPS Image
3a	Bh-length (m) = 117.00 T (m^2/s) = 2.76E-010 PFL confidence= Uncertain	Adjusted secup (m) = 116.64 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 4	
3b		Adjusted secup (m) = 116.85 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2 **Best choice**	
4	Bh-length (m) = 120.10 T (m^2/s) = 5.53E-010 PFL confidence= Certain	Adjusted secup (m) = 120.03 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-4. KFM08A. Interpretation of PFL measurements and BOREMAP data

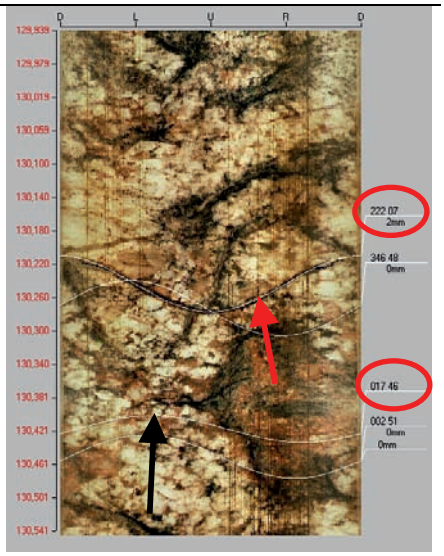
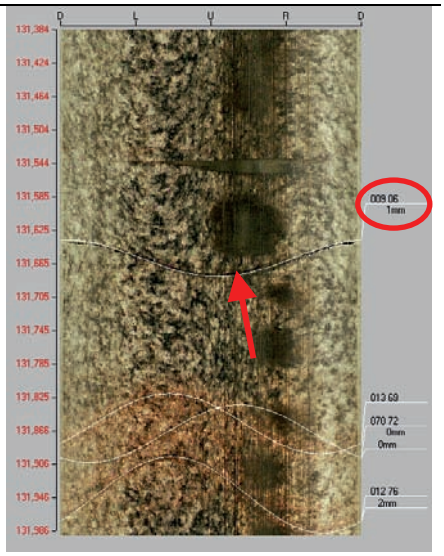
PFL anom. No	PFL anom data	Boremap data	BIPS Image
5a	Bh-length (m) = 130.30 T (m^2/s) = 2.04E-09 PFL confidence= Certain	Adjusted secup (m) = 130.24 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
5b		Adjusted secup (m) = 130.42 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
6	Bh-length (m) = 131.70 T (m^2/s) = 8.42E-09 PFL confidence= Certain	Adjusted secup (m) = 131.66 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A3-5. KFM08A. Interpretation of PFL measurements and BOREMAP data

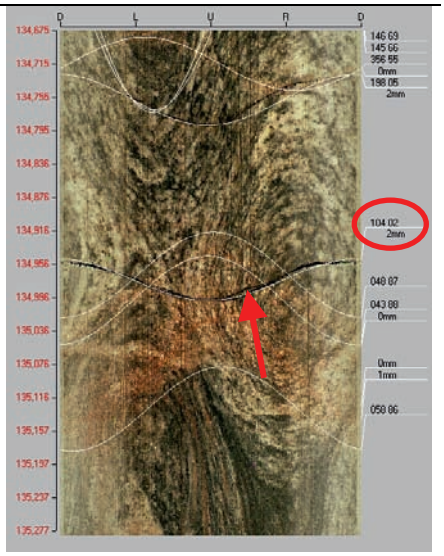
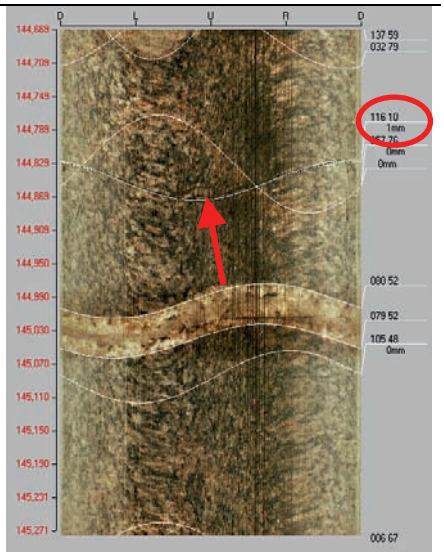
PFL anom. No	PFL anom data	Boremap data	BIPS Image
7	Bh-length (m) = 135.10 T (m^2/s) = 3.99E-09 PFL confidence= Certain	Adjusted secup (m) = 134.97 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
8	Bh-length (m) = 145.00 T (m^2/s) = 2.33E-09 PFL confidence= Certain	Adjusted secup (m) = 144.85 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Cetain PFL-anom. confidence= 2	

Table A3-6. KFM08A. Interpretation of PFL measurements and BOREMAP data

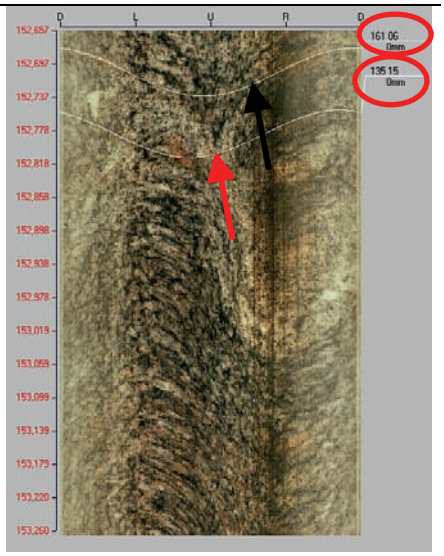
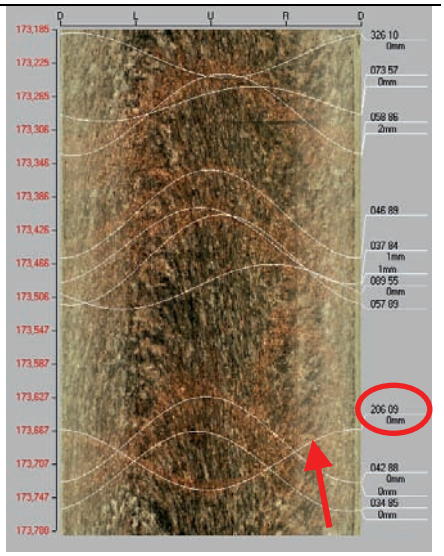
PFL anom. No	PFL anom data	Boremap data	BIPS Image
9a	Bh-length (m) = 152.90 T (m^2/s) = 1.04E-09 PFL confidence= Certain	Adjusted secup (m) = 152.71 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
9b		Adjusted secup (m) = 152.78 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2 **Best choice**	
10	Bh-length (m) = 173.40 T (m^2/s) = 3.65E-010 PFL confidence= Uncertain	Adjusted secup (m) = 173.70 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 3	

Table A3-7. KFM08A. Interpretation of PFL measurements and BOREMAP data

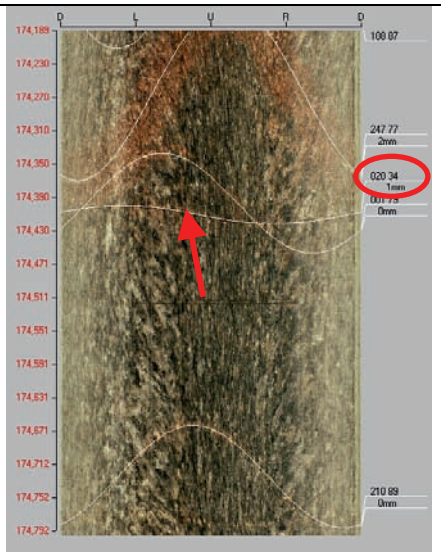
PFL anom. No	PFL anom data	Boremap data	BIPS Image
11	Bh-length (m) = 174.50 T (m^2/s) = 5.89E-10 PFL confidence= Certain	Adjusted secup (m) = 174.41 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-8. KFM08A. Interpretation of PFL measurements and BOREMAP data

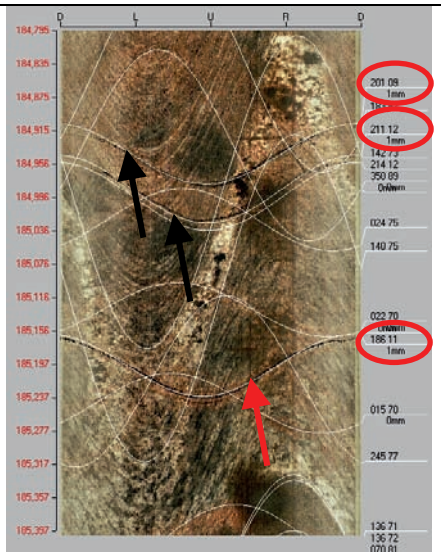
PFL anom. No	PFL anom data	Boremap data	BIPS Image
12a	Bh-length (m) = 185.10 T (m^2/s) = 1.32E-7 PFL confidence= Certain	Adjusted secup (m) = 184.94 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
12b		Adjusted secup (m) = 184.99 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
12c		Adjusted secup (m) = 185.20 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 *Same fracture as no 13a* **Best choice**	

Table A3-9. KFM08A. Interpretation of PFL measurements and BOREMAP data

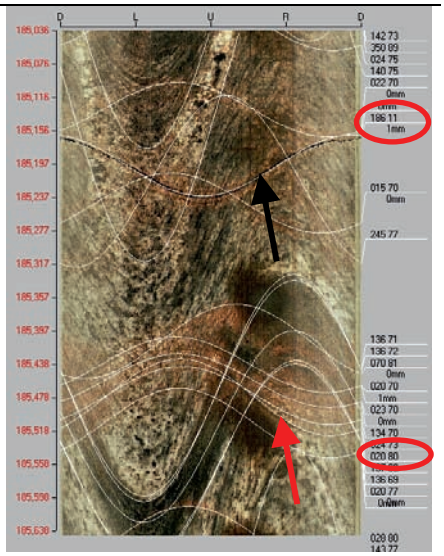
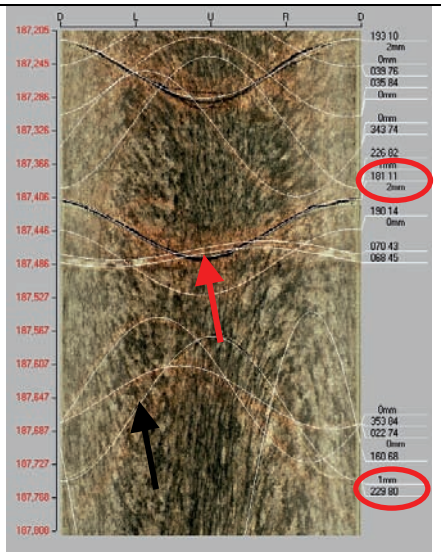
PFL anom. No	PFL anom data	Boremap data	BIPS Image
13a	Bh-length (m) = 185.30 T (m^2/s) = 2.12E-8 PFL confidence= Certain	Adjusted secup (m) = 185.20 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 *Same fracture as no 12c*	
13b		Adjusted secup (m) = 185.48 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2 **Best choice**	
14a	Bh-length (m) = 187.60 T (m^2/s) = 4.81E-9 PFL confidence= Certain	Adjusted secup (m) = 187.44 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2 **Best choice**	
14b		Adjusted secup (m) = 187.66 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-10. KFM08A. Interpretation of PFL measurements and BOREMAP data

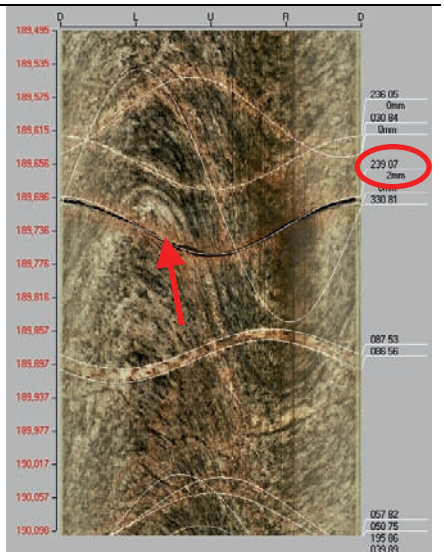
PFL anom. No	PFL anom data	Boremap data	BIPS Image
15	Bh-length (m) = 189.80 T (m^2/s) = 2.20E-6 PFL confidence= Certain	Adjusted secup (m) = 189.73 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-11. KFM08A. Interpretation of PFL measurements and BOREMAP data

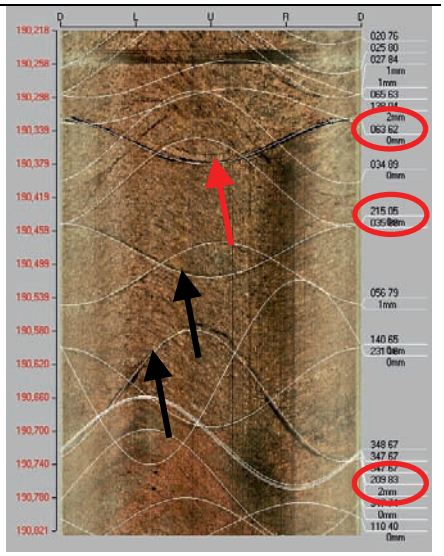
PFL anom. No	PFL anom data	Boremap data	BIPS Image
16a	Bh-length (m) = 190.50 T (m^2/s) = 1.18E-6 PFL confidence= Certain	Adjusted secup (m) = 190.35 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2 **Best choice**	
16b		Adjusted secup (m) = 190.48 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
16c		Adjusted secup (m) = 190.66 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A3-12. KFM08A. Interpretation of PFL measurements and BOREMAP data

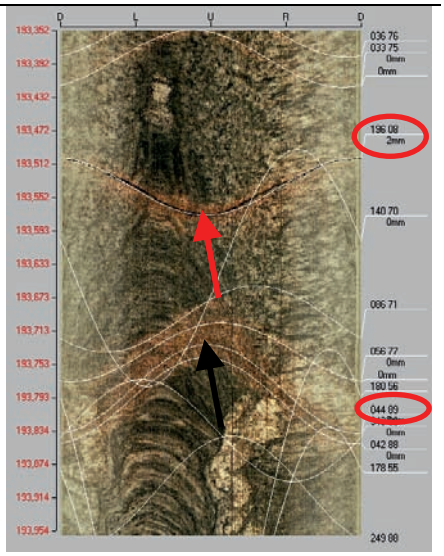
PFL anom. No	PFL anom data	Boremap data	BIPS Image
17a	Bh-length (m) = 193.70 T (m^2/s) = 2.34E-7 PFL confidence= Certain	Adjusted secup (m) = 193.54 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2 **Best choice**	
17b		Adjusted secup (m) = 193.78 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A3-13. KFM08A. Interpretation of PFL measurements and BOREMAP data

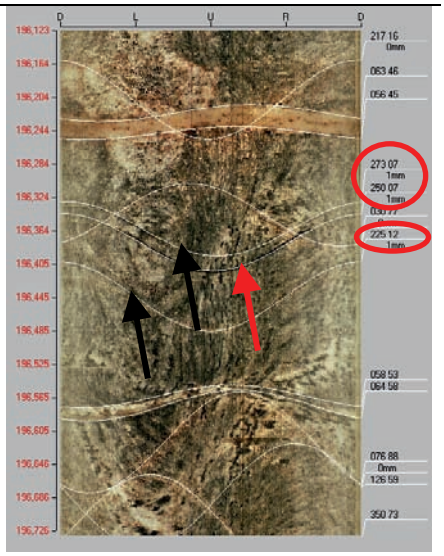
PFL anom. No	PFL anom data	Boremap data	BIPS Image
18a	Bh-length (m) = 196.40 T (m^2/s) = 1.83E-9 PFL confidence= Certain	Adjusted secup (m) = 196.36 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
18b		Adjusted secup (m) = 196.38 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
18c		Adjusted secup (m) = 196.44 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-14. KFM08A. Interpretation of PFL measurements and BOREMAP data

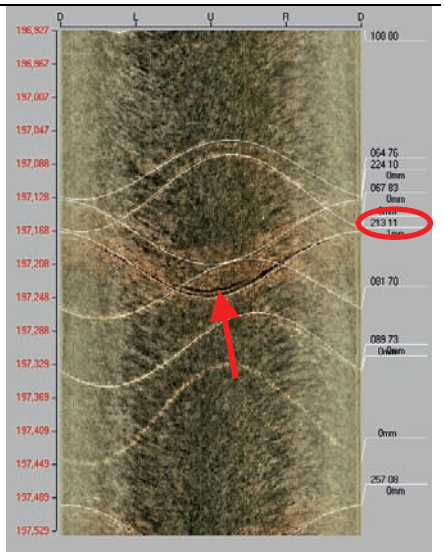
PFL anom. No	PFL anom data	Boremap data	BIPS Image
19	Bh-length (m) = 197.30 T (m^2/s) = 4.27E-8 PFL confidence= Certain	Adjusted secup (m) = 197.21 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-15. KFM08A. Interpretation of PFL measurements and BOREMAP data

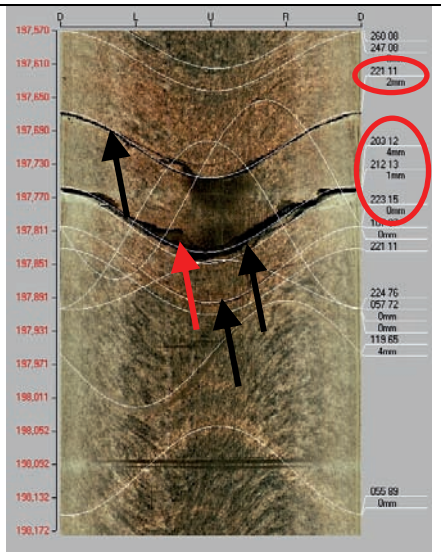
PFL anom. No	PFL anom data	Boremap data	BIPS Image
20a	Bh-length (m) = 197.90 T (m^2/s) = 2.42E-7 PFL confidence= Certain	Adjusted secup (m) = 197.71 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
20b		Adjusted secup (m) = 197.80 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
20c		Adjusted secup (m) = 197.81 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
20d		Adjusted secup (m) = 197.85 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	

Table A3-16. KFM08A. Interpretation of PFL measurements and BOREMAP data

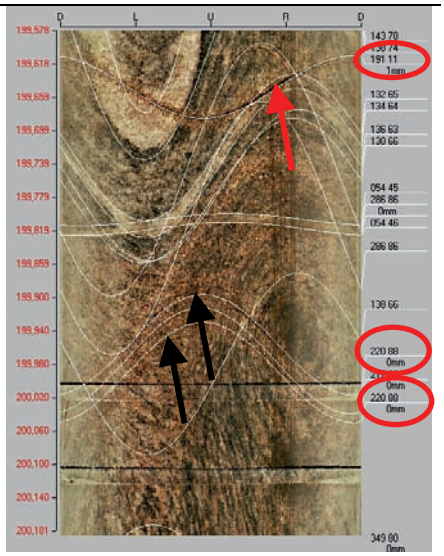
PFL anom. No	PFL anom data	Boremap data	BIPS Image
21a	Bh-length (m) = 199.80 T (m^2/s) = 1.89E-9 PFL confidence= Certain	Adjusted secup (m) = 199.65 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2 **Best choice**	
21b		Adjusted secup (m) = 199.96 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
21c		Adjusted secup (m) = 199.99 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	

Table A3-17. KFM08A. Interpretation of PFL measurements and BOREMAP data

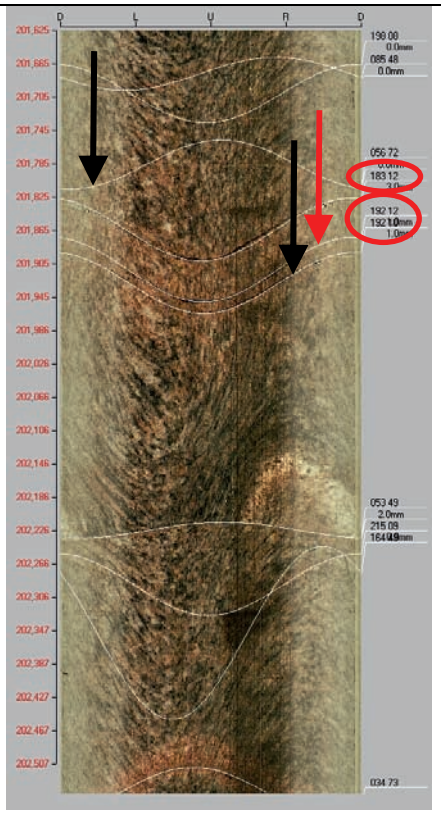
PFL anom. No	PFL anom data	Boremap data	BIPS Image
22a	Bh-length (m) = 202.00 T (m^2/s) = 2.87E-9 PFL confidence= Certain	Adjusted secup (m) = 201.86 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
22b		Adjusted secup (m) = 201.91 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
22c		Adjusted secup (m) = 201.93 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-18. KFM08A. Interpretation of PFL measurements and BOREMAP data

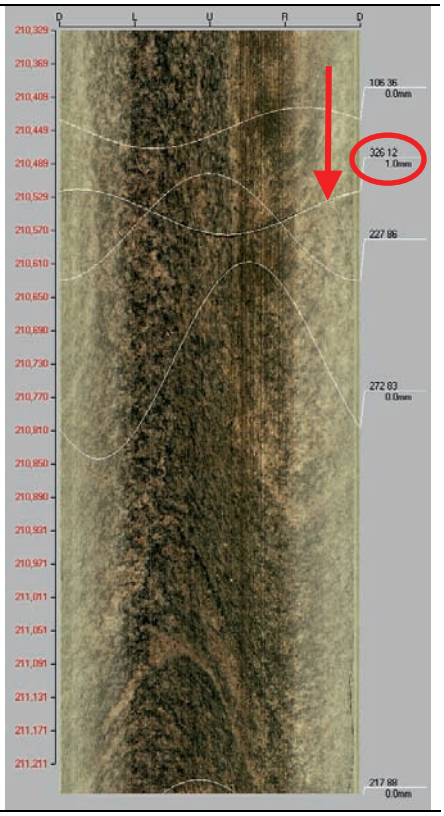
PFL anom. No	PFL anom data	Boremap data	BIPS Image
23	Bh-length (m) = 210.70 T (m2/s) = 3.90E-10 PFL confidence= Uncertain	Adjusted secup (m) = 210.55 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A3-19. KFM08A. Interpretation of PFL measurements and BOREMAP data

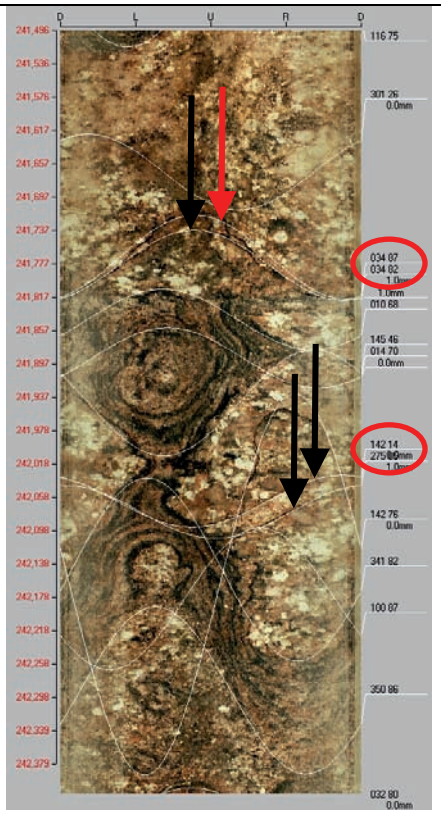
PFL anom. No	PFL anom data	Boremap data	BIPS Image
24a	Bh-length (m) = 241.90 T (m2/s) = 2.75E-10 PFL confidence= Uncertain	Adjusted secup (m) = 241.77 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2 **Best choice**	
24b		Adjusted secup (m) = 241.78 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
24c		Adjusted secup (m) = 242.06 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
24d		Adjusted secup (m) = 242.08 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A3-20. KFM08A. Interpretation of PFL measurements and BOREMAP data

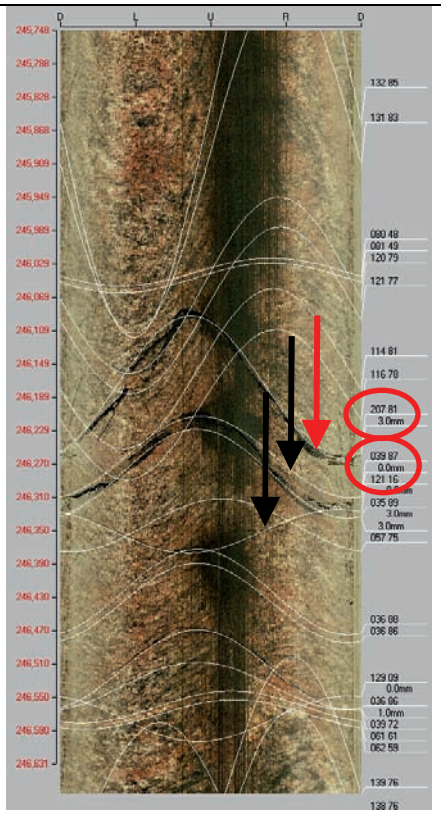
PFL anom. No	PFL anom data	Boremap data	BIPS Image
25a	Bh-length (m) = 246.20 T (m2/s) = 1.63E-8 PFL confidence= Certain	Adjusted secup (m) = 246.18 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
25b		Adjusted secup (m) = 246.26 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
25c		Adjusted secup (m) = 246.27 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 (Data found in SICADA-Boremap file, but not visualised with BDT.)	
25d		Adjusted secup (m) = 246.36 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	

Table A3-21. KFM08A. Interpretation of PFL measurements and BOREMAP data

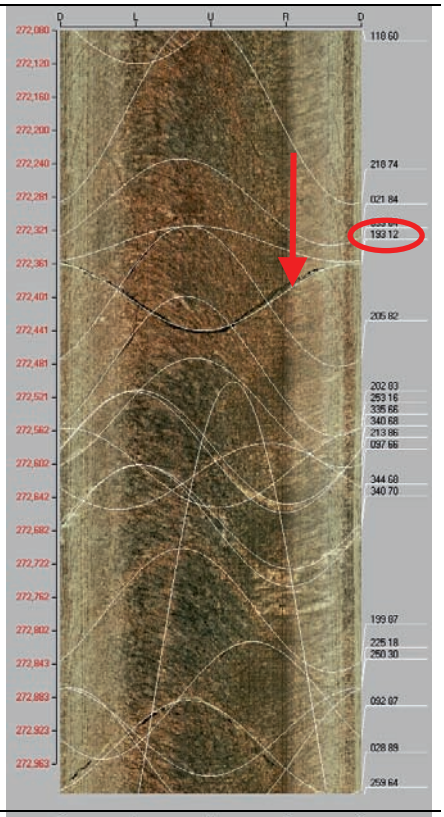
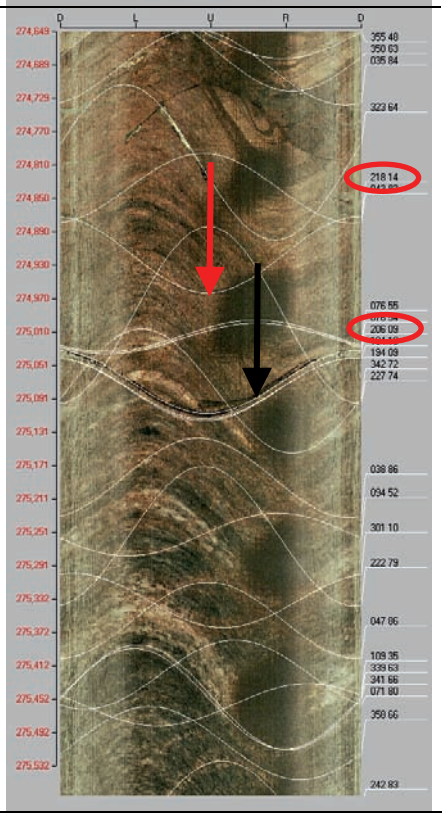
PFL anom. No	PFL anom data	Boremap data	BIPS Image
26	Bh-length (m) = 272.50 T (m2/s) = 2.06E-9 PFL confidence= Certain	Adjusted secup (m) = 272.40 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
27a	Bh-length (m) = 275.00 T (m2/s) = 2.93E-8 PFL confidence= Uncertain	Adjusted secup (m) = 274.92 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1 **Best choice**	
27b		Adjusted secup (m) = 275.07 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-22. KFM08A. Interpretation of PFL measurements and BOREMAP data

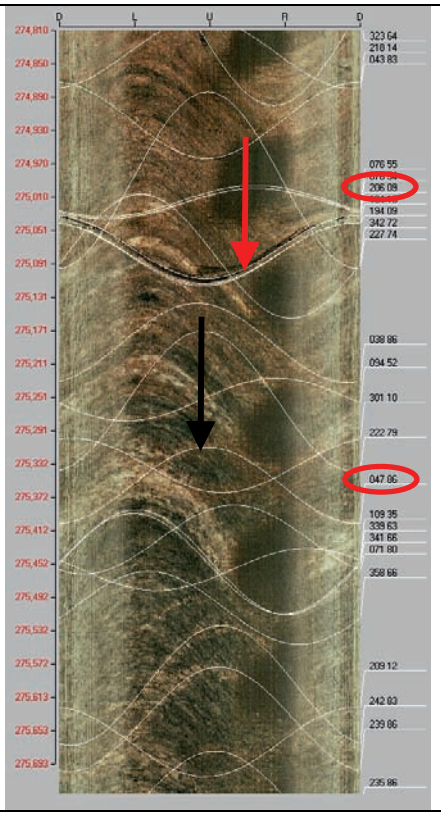
PFL anom. No	PFL anom data	Boremap data	BIPS Image
28a	Bh-length (m) = 275.20 T (m2/s) = 1.25E-6 PFL confidence= Certain	Adjusted secup (m) = 275.07 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2 **Best choice**	
28b		Adjusted secup (m) = 275.36 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	

Table A3-23. KFM08A. Interpretation of PFL measurements and BOREMAP data

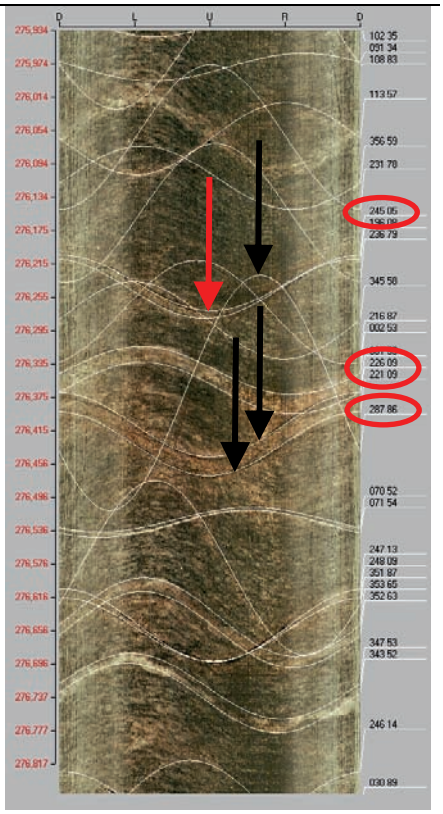
PFL anom. No	PFL anom data	Boremap data	BIPS Image
29a	Bh-length (m) = 276.30 T (m2/s) = 8.05E-9 PFL confidence= Certain	Adjusted secup (m) = 276.24 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1 **Best choice**	
29b		Adjusted secup (m) = 276.37 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
29c		Adjusted secup (m) = 276.41 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
29d		Adjusted secup (m) = 276.43 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	

Table A3-24. KFM08A. Interpretation of PFL measurements and BOREMAP data

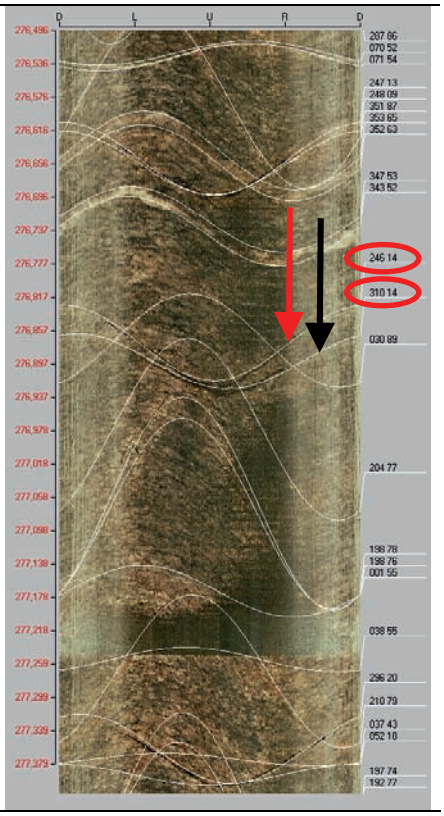
PFL anom. No	PFL anom data	Boremap data	BIPS Image
30a	Bh-length (m) = 276.90 T (m2/s) = 4.99E-9 PFL confidence= Certain	Adjusted secup (m) = 276.87 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
30b		Adjusted secup (m) = 276.89 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-25. KFM08A. Interpretation of PFL measurements and BOREMAP data

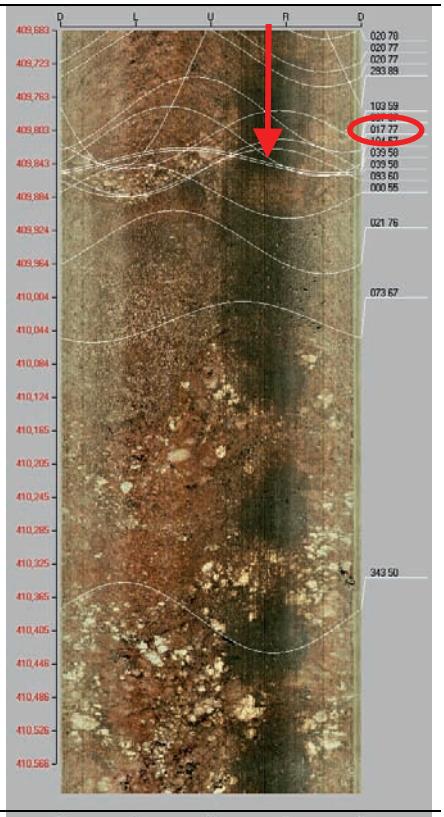
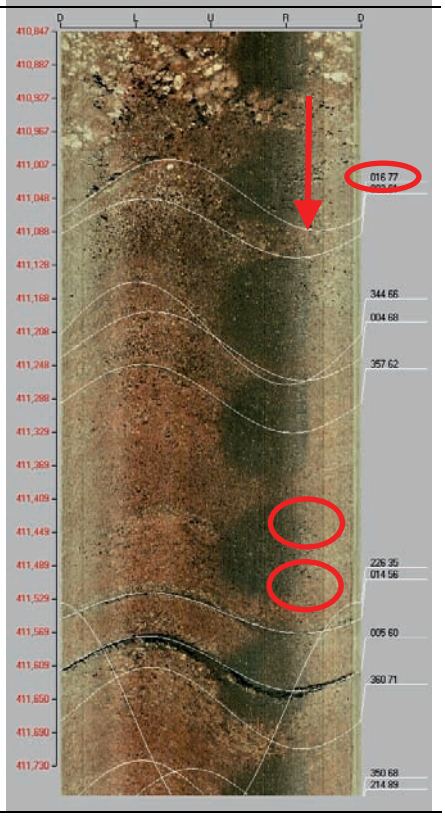
PFL anom. No	PFL anom data	Boremap data	BIPS Image
31	Bh-length (m) = 410.10 T (m2/s) = 3.57E-10 PFL confidence= Uncertain	Adjusted secup (m) = 409.82 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 3	
32	Bh-length (m) = 411.20 T (m2/s) = 4.46E-9 PFL confidence= Certain	Adjusted secup (m) = 411.04 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	

Table A3-26. KFM08A. Interpretation of PFL measurements and BOREMAP data

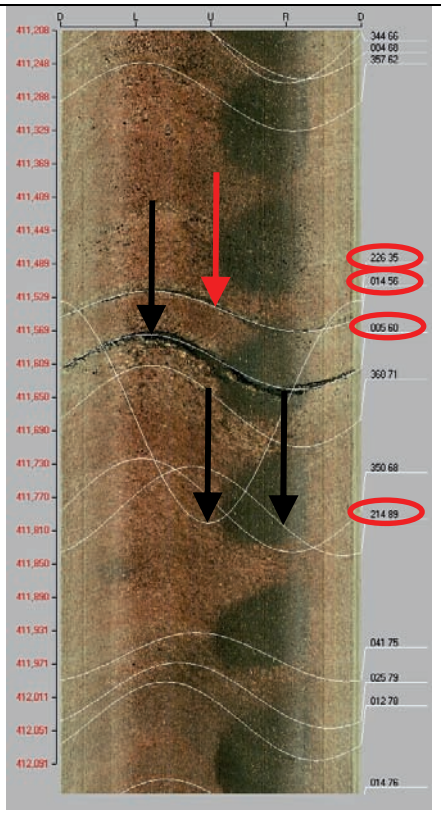
PFL anom. No	PFL anom data	Boremap data	BIPS Image
33a	Bh-length (m) = 411.60 T (m2/s) = 3.08E-9 PFL confidence= Certain	Adjusted secup (m) = 411.55 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1 **Best choice**	
33b		Adjusted secup (m) = 411.61 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
33c		Adjusted secup (m) = 411.67 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
33d		Adjusted secup (m) = 411.79 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	

Table A3-27. KFM08A. Interpretation of PFL measurements and BOREMAP data

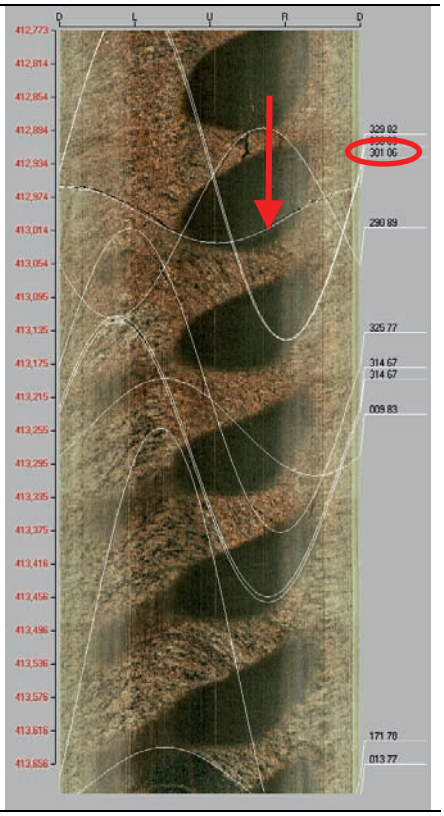
PFL anom. No	PFL anom data	Boremap data	BIPS Image
34	Bh-length (m) = 413.10 T (m2/s) = 3.77E-9 PFL confidence= Certain	Adjusted secup (m) = 413.00 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-28. KFM08A. Interpretation of PFL measurements and BOREMAP data

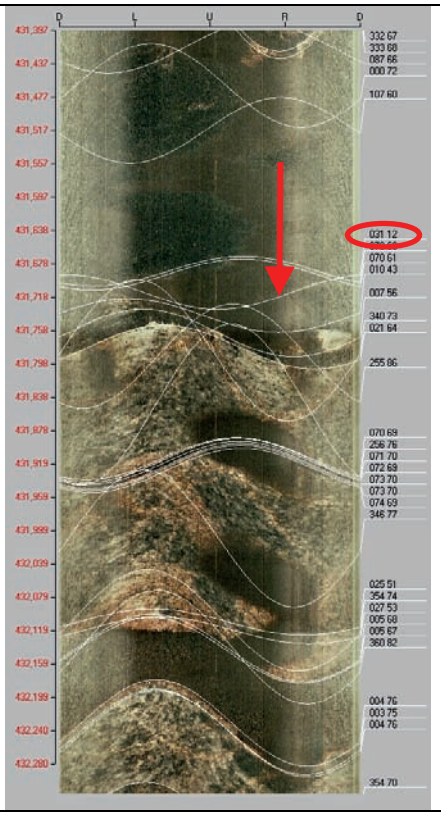
PFL anom. No	PFL anom data	Boremap data	BIPS Image
35	Bh-length (m) = 431.70 T (m2/s) = 3.03E-10 PFL confidence= Uncertain	Adjusted secup (m) = 431.71 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	

Table A3-29. KFM08A. Interpretation of PFL measurements and BOREMAP data

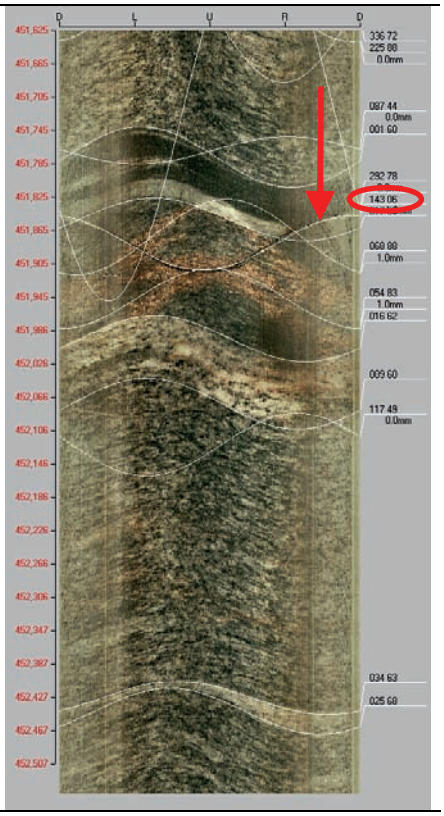
PFL anom. No	PFL anom data	Boremap data	BIPS Image
36	Bh-length (m) = 452.00 T (m2/s) = 5.54E-10 PFL confidence= Uncertain	Adjusted secup (m) = 451.88 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A3-30. KFM08A. Interpretation of PFL measurements and BOREMAP data

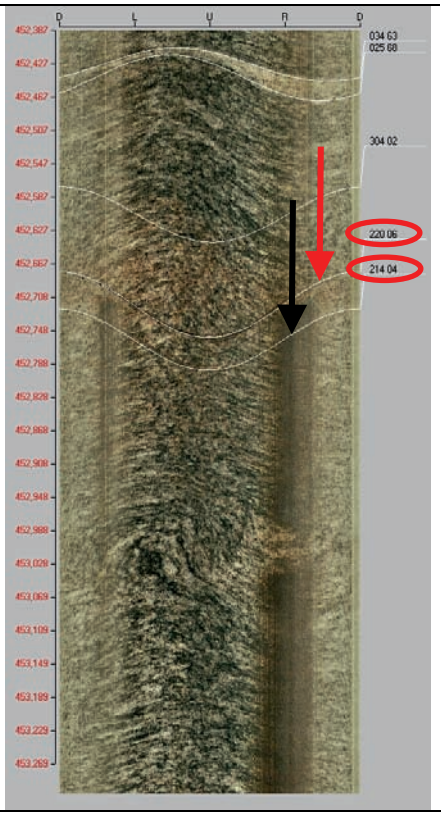
PFL anom. No	PFL anom data	Boremap data	BIPS Image
37a	Bh-length (m) = 452.80 T (m2/s) = 1.75E-9 PFL confidence= Certain	Adjusted secup (m) = 452.72 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
37b		Adjusted secup (m) = 452.76 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A3-31. KFM08A. Interpretation of PFL measurements and BOREMAP data

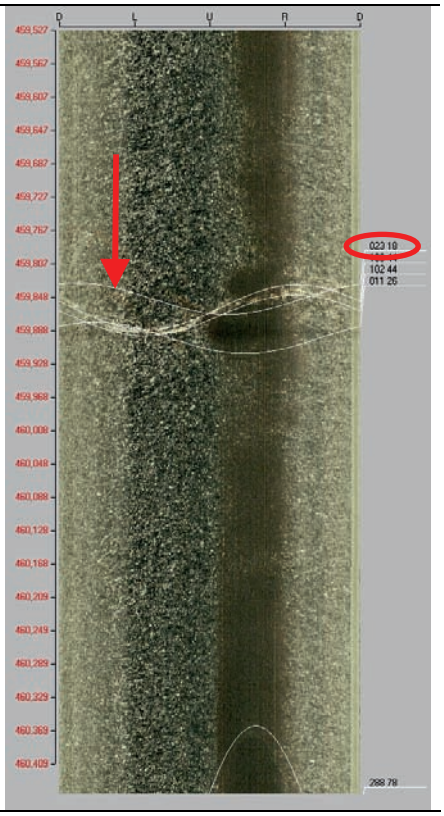
PFL anom. No	PFL anom data	Boremap data	BIPS Image
38	Bh-length (m) = 459.90 T (m2/s) = 4.15E-10 PFL confidence= Uncertain	Adjusted secup (m) = 459.85 Fract_interpret / Varcode= broken sealed fr. Frac.interp. confidence= Probable PFL-anom. confidence= 0 *Nearest open fracture secup 461.89 m*	

Table A3-32. KFM08A. Interpretation of PFL measurements and BOREMAP data

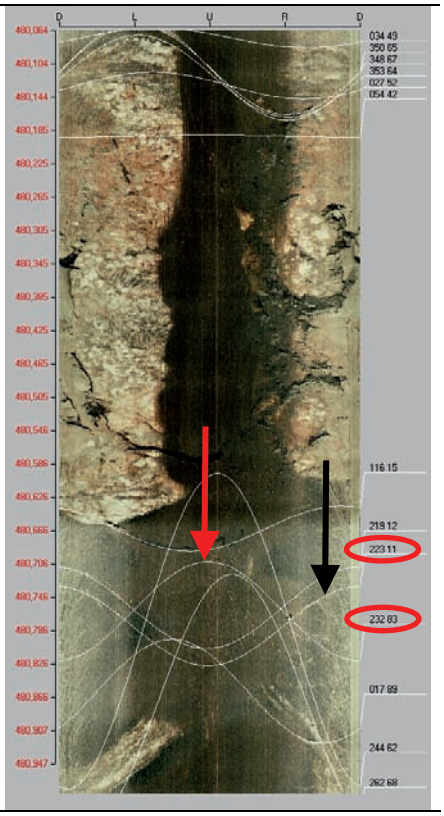
PFL anom. No	PFL anom data	Boremap data	BIPS Image
39a	Bh-length (m) = 480.50 T (m2/s) = 6.89E-8 PFL confidence= Certain	Adjusted secup (m) = 480.76 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 3	
39b		Adjusted secup (m) = 480.78 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 3 **Best choice**	

Table A3-33. KFM08A. Interpretation of PFL measurements and BOREMAP data

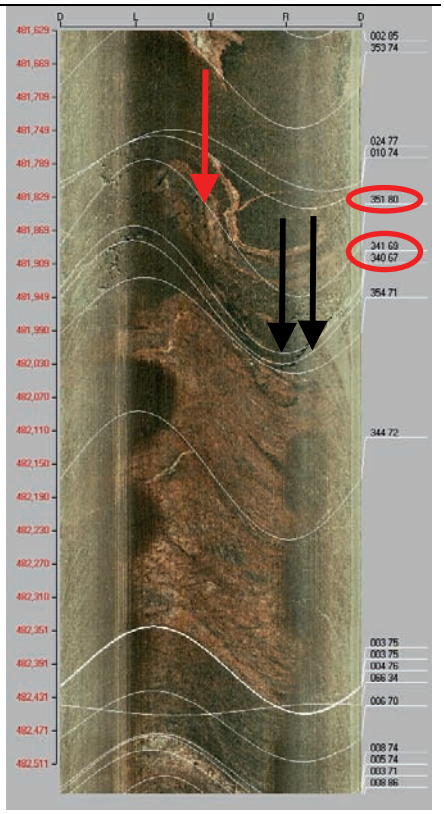
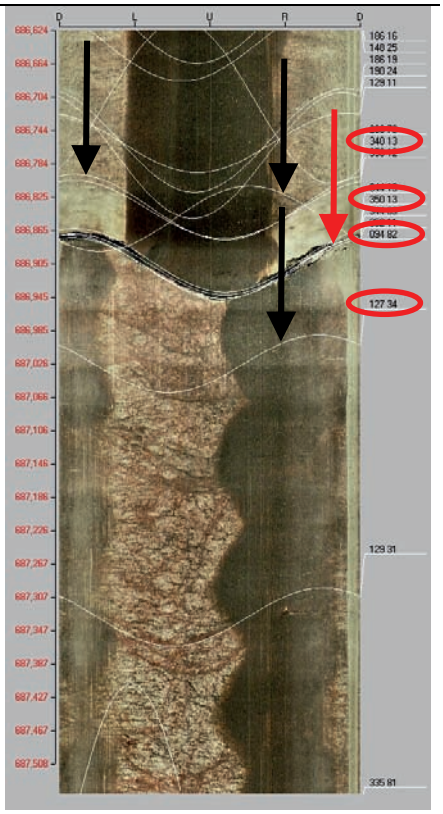
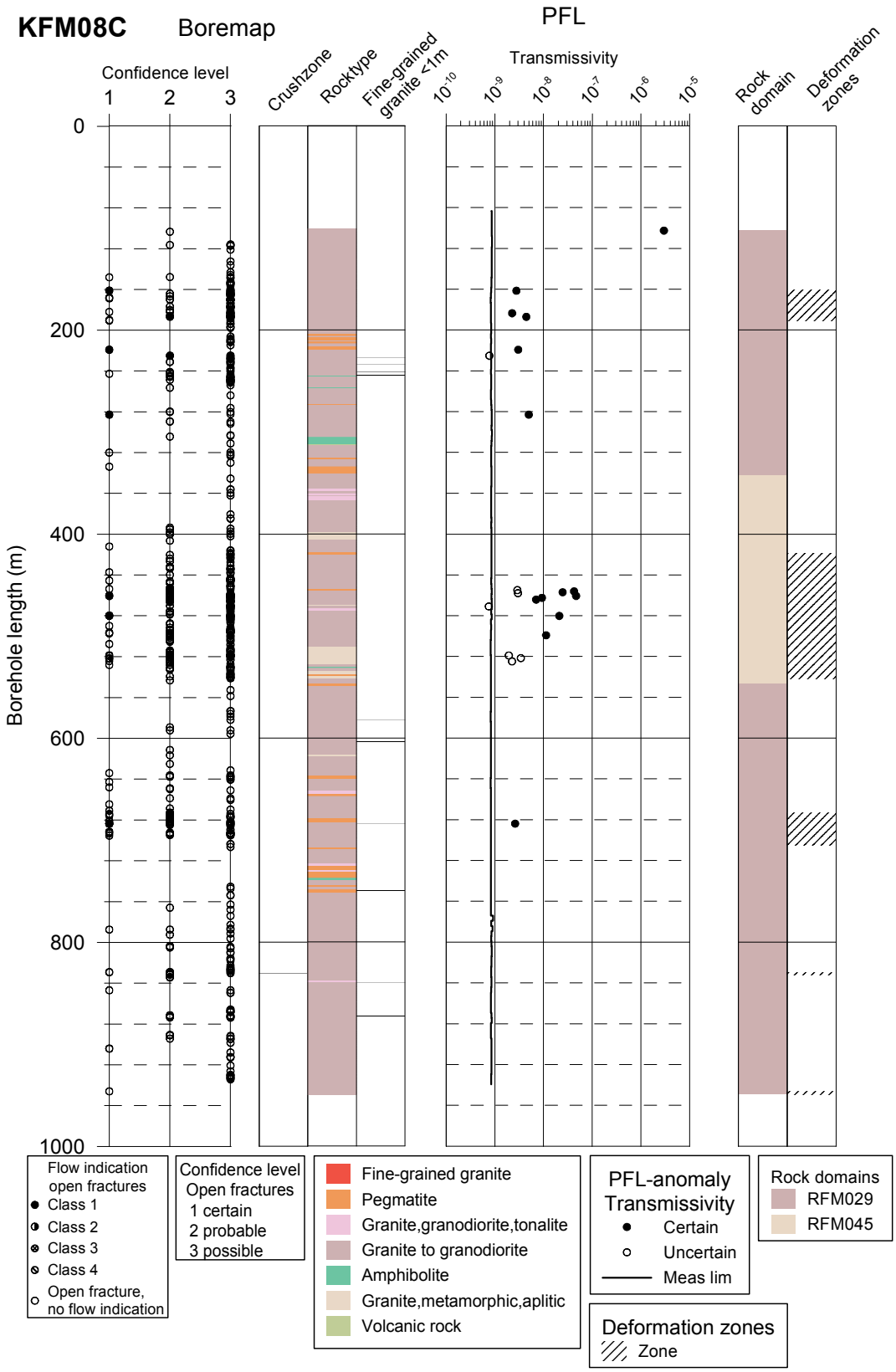
PFL anom. No	PFL anom data	Boremap data	BIPS Image
40a	Bh-length (m) = 482.00 T (m2/s) = 4.41E-10 PFL confidence= Uncertain	Adjusted secup (m) = 481.79 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2 **Best choice**	
40b		Adjusted secup (m) = 481.94 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
40c		Adjusted secup (m) = 481.96 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	

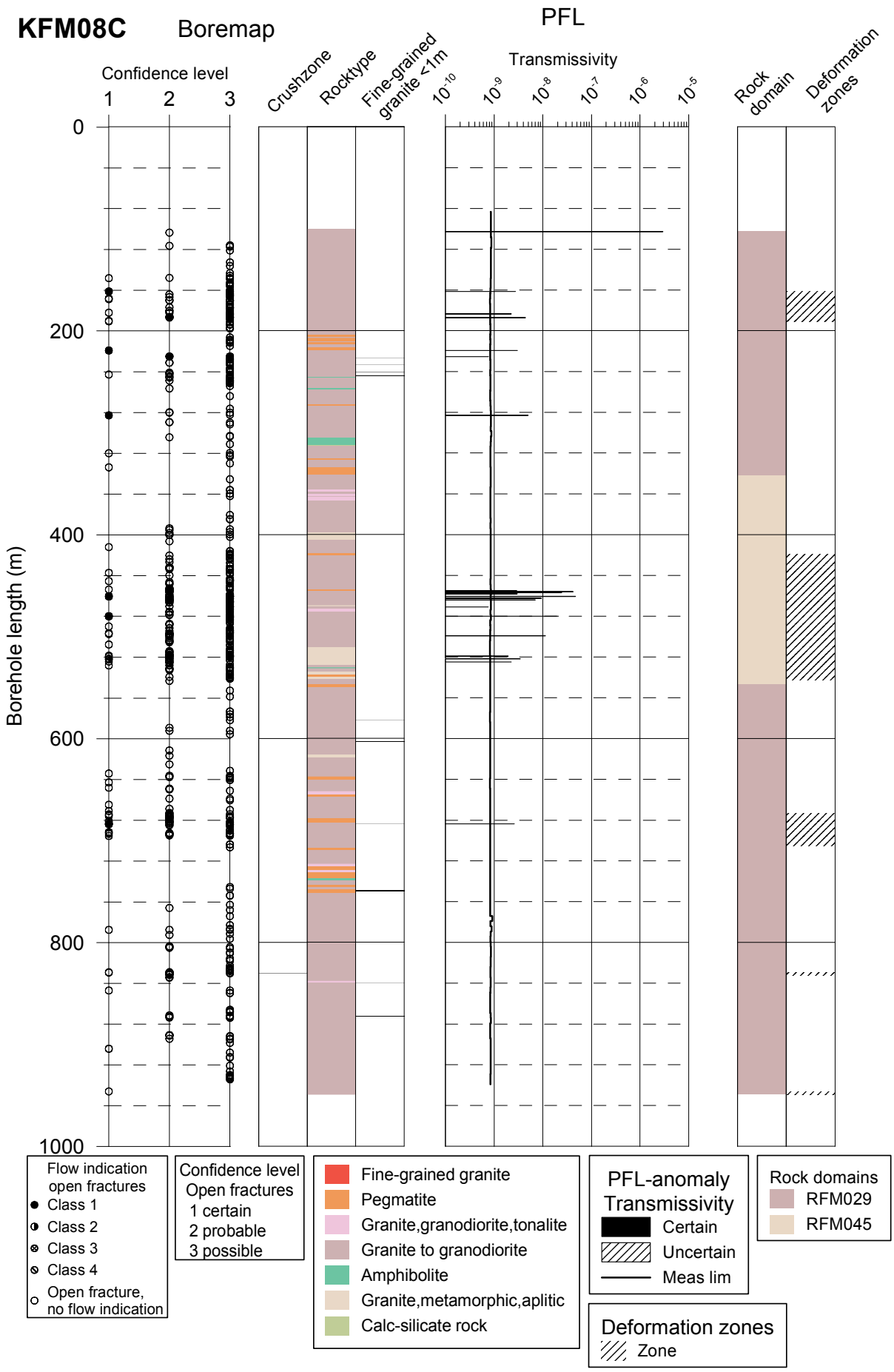
Table A3-34. KFM08A. Interpretation of PFL measurements and BOREMAP data

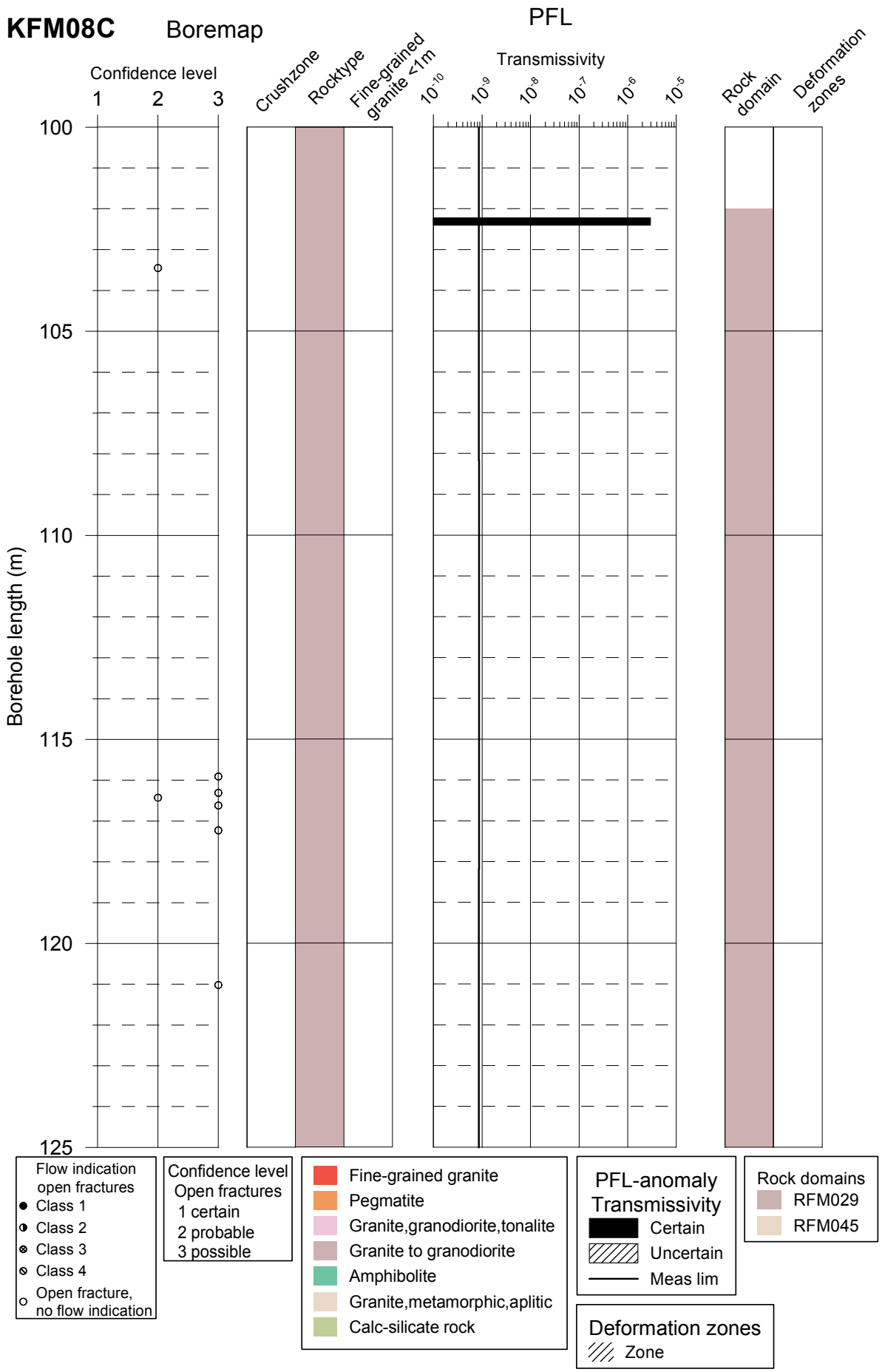
PFL anom. No	PFL anom data	Boremap data	BIPS Image
41a	Bh-length (m) = 687.00 T (m2/s) = 1.41E-6 PFL confidence= Certain	Adjusted secup (m) = 686.84 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
41b		Adjusted secup (m) = 686.85 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
41c		Adjusted secup (m) = 686.91 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
41d		Adjusted secup (m) = 687.03 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

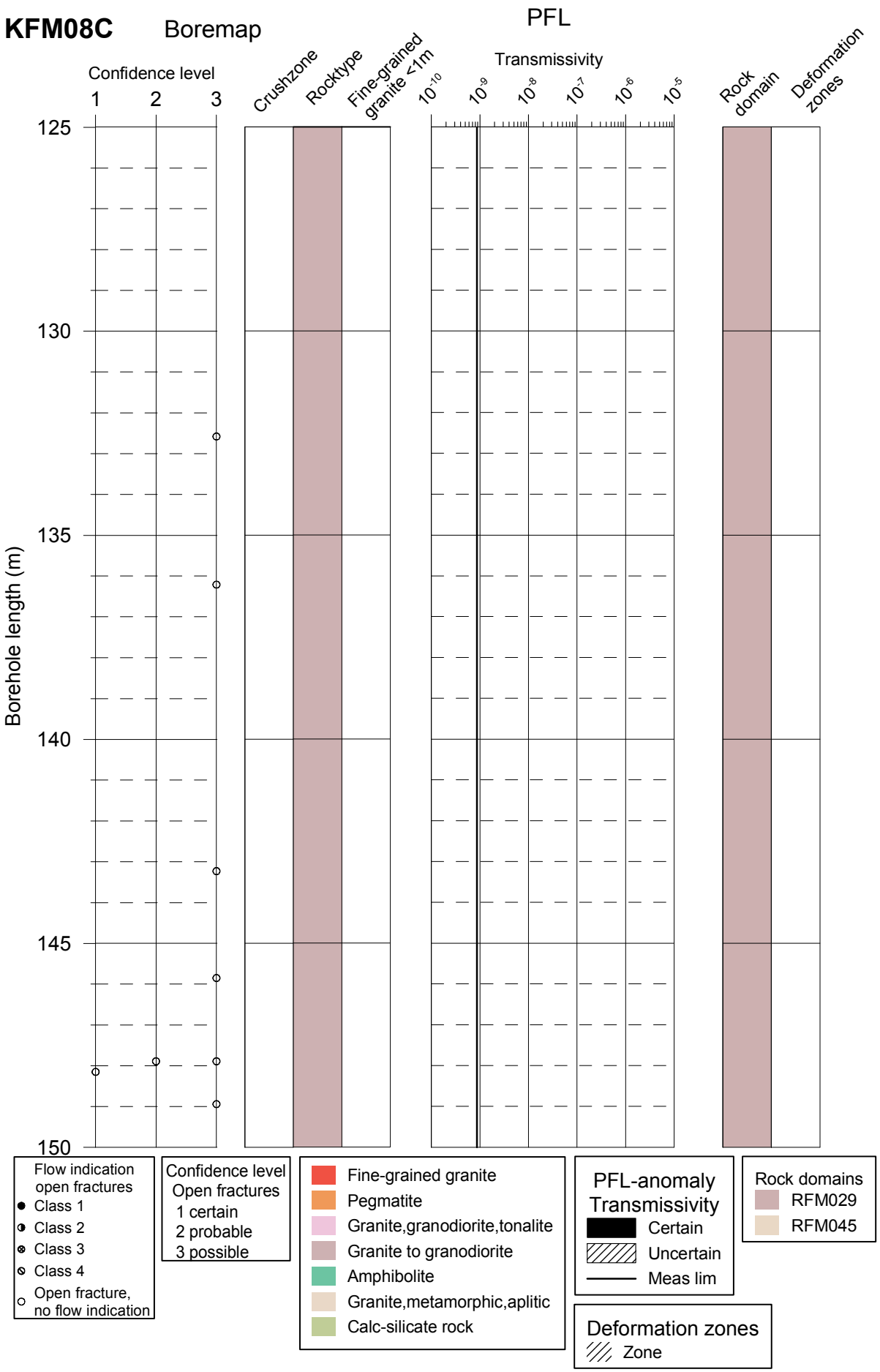
KFM08C

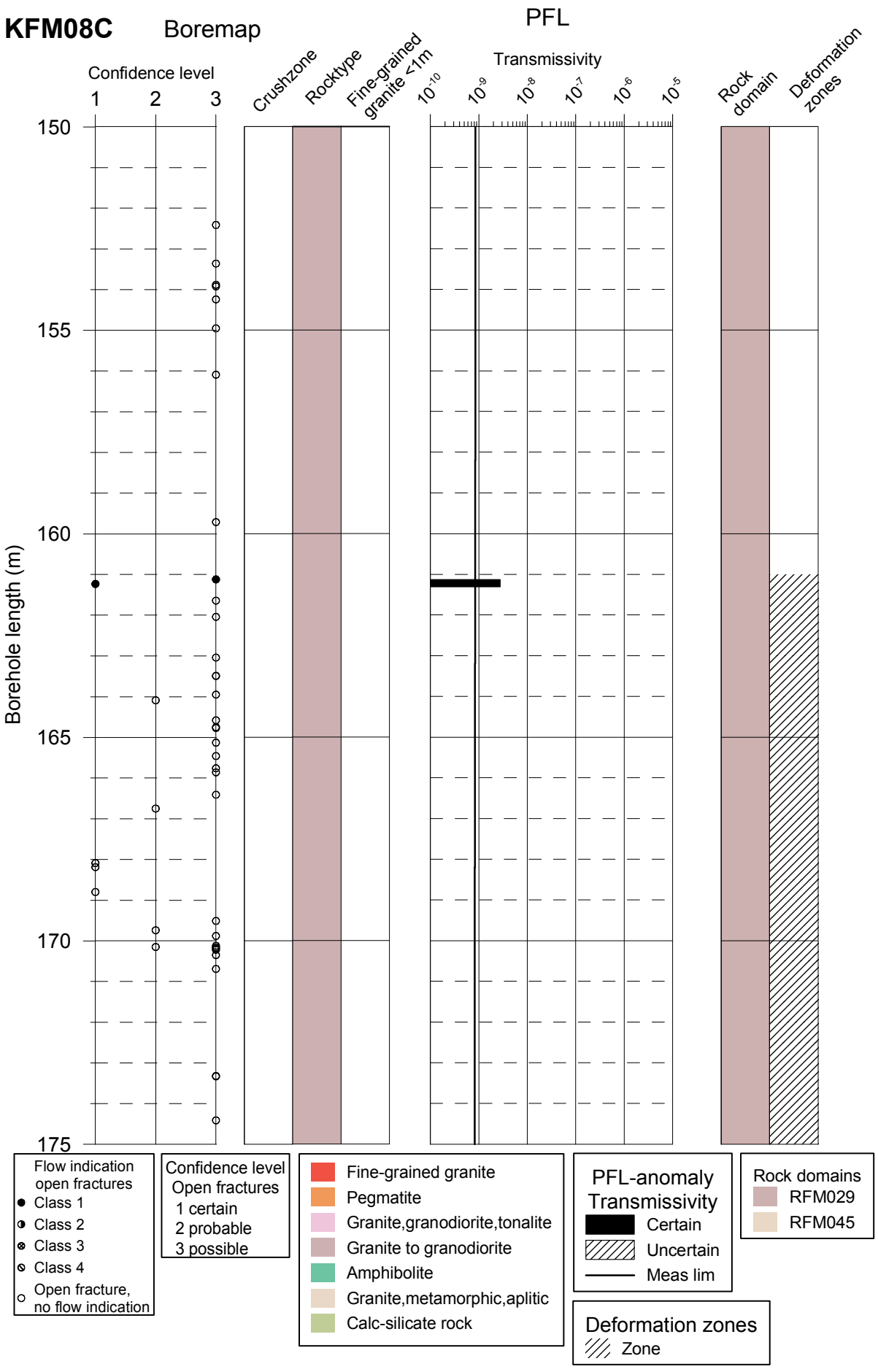
This appendix presents Flow log anomalies related to the Core mapped features for every 25 meters of the borehole KFM08C. BIPS images of the PFL anomalies are also presented.

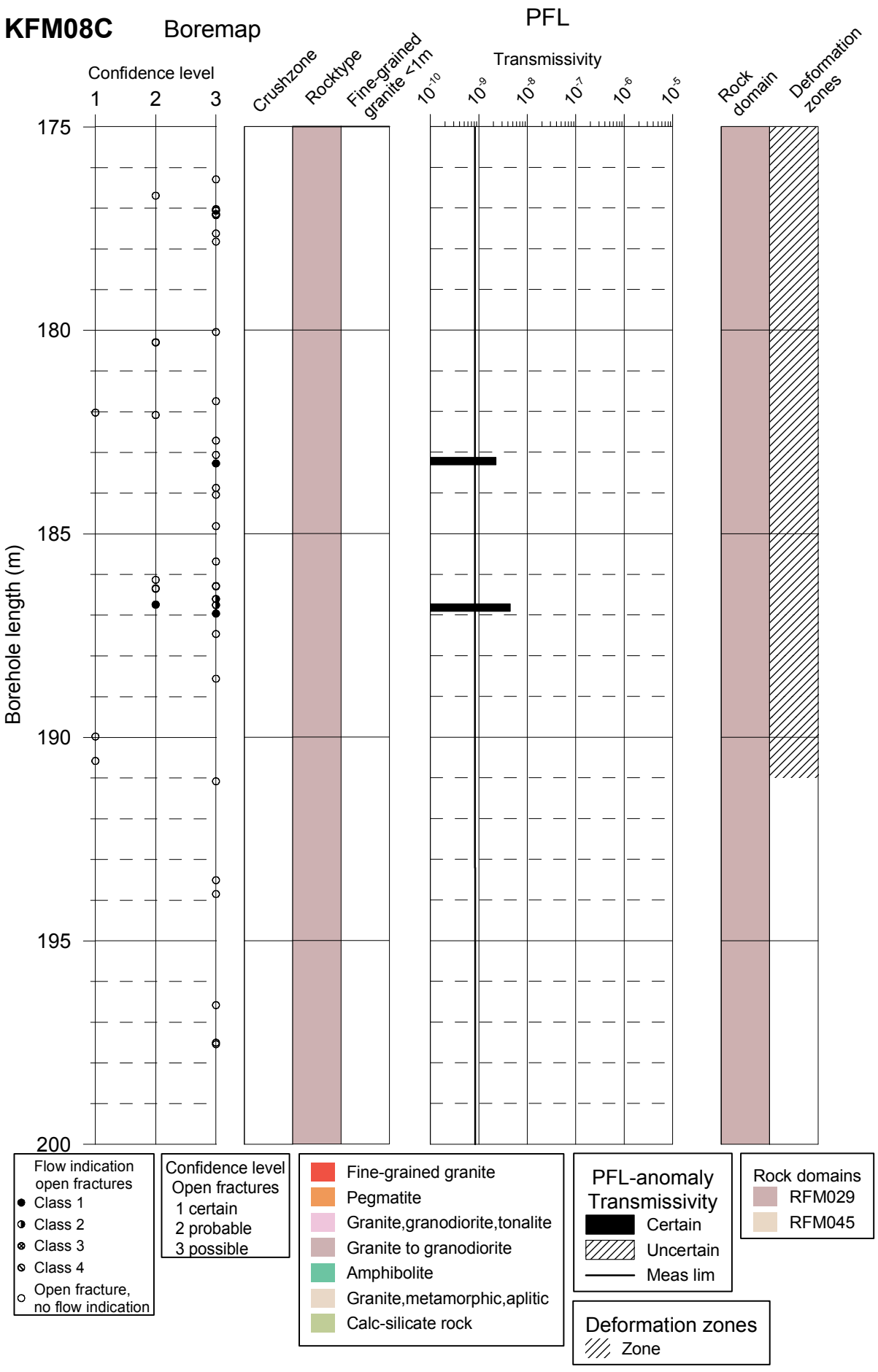


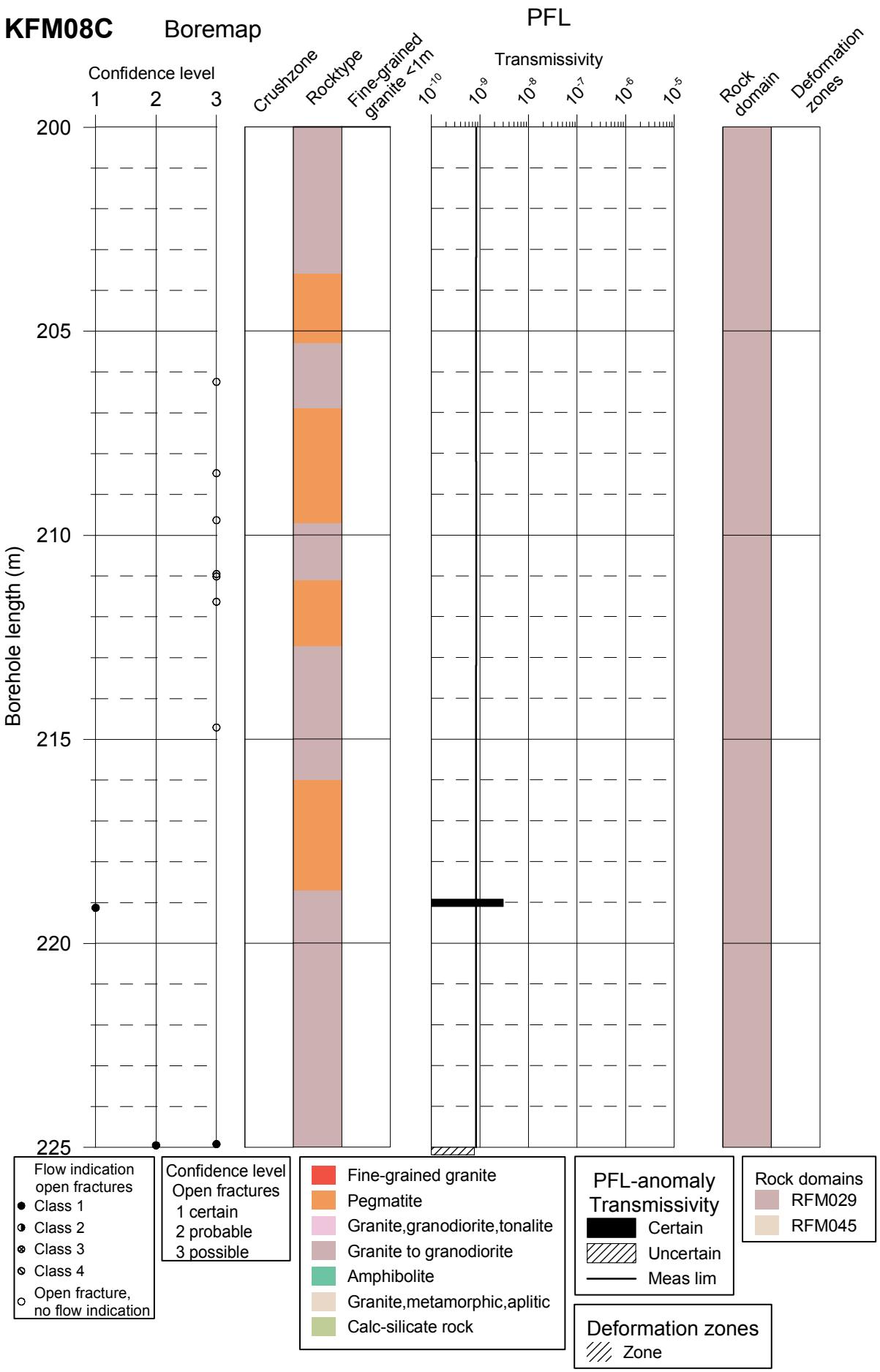

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
0
200
400
600
800
1000
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

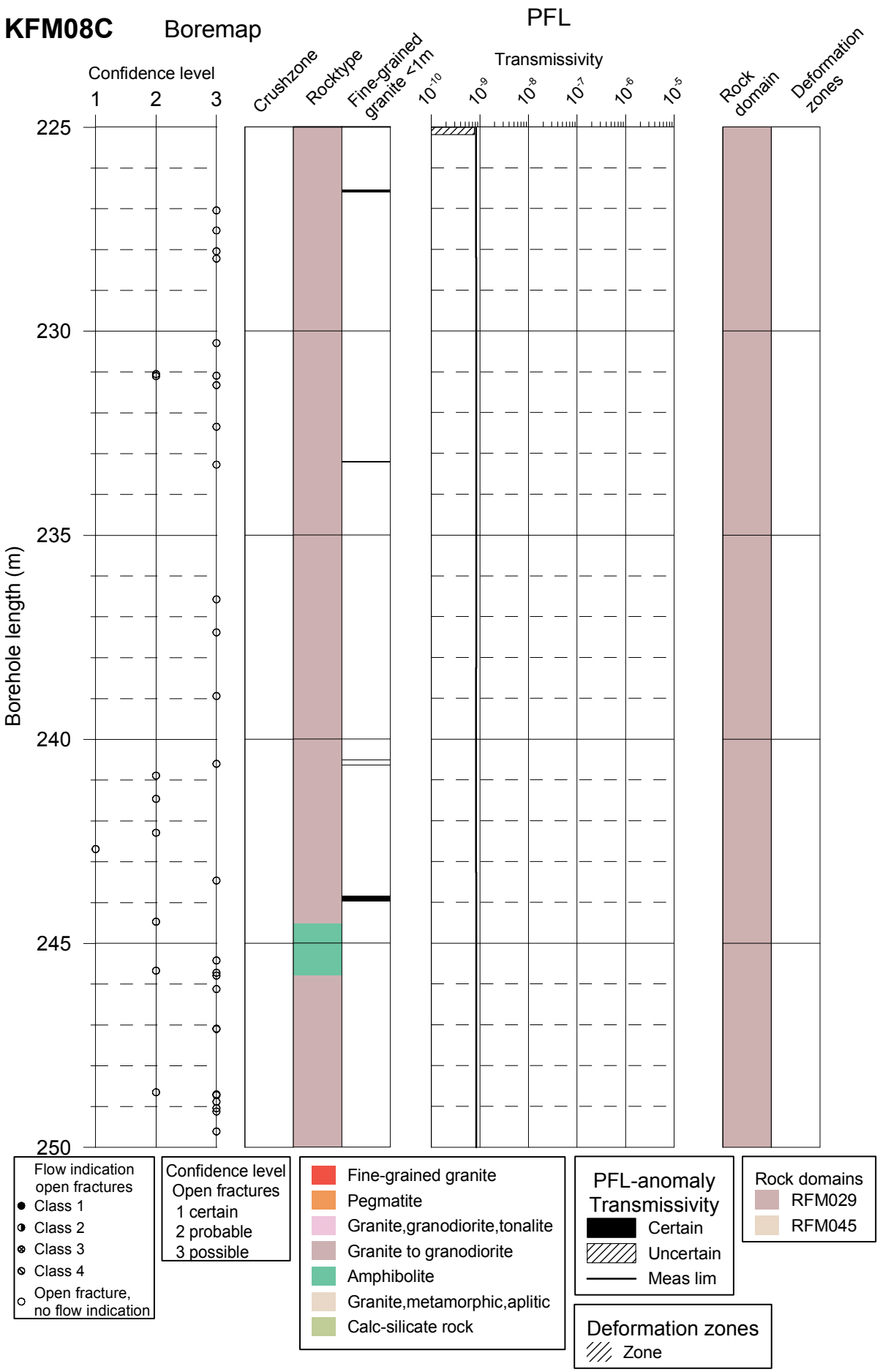

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
100
105
110
115
120
125
Borehole length (m)
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

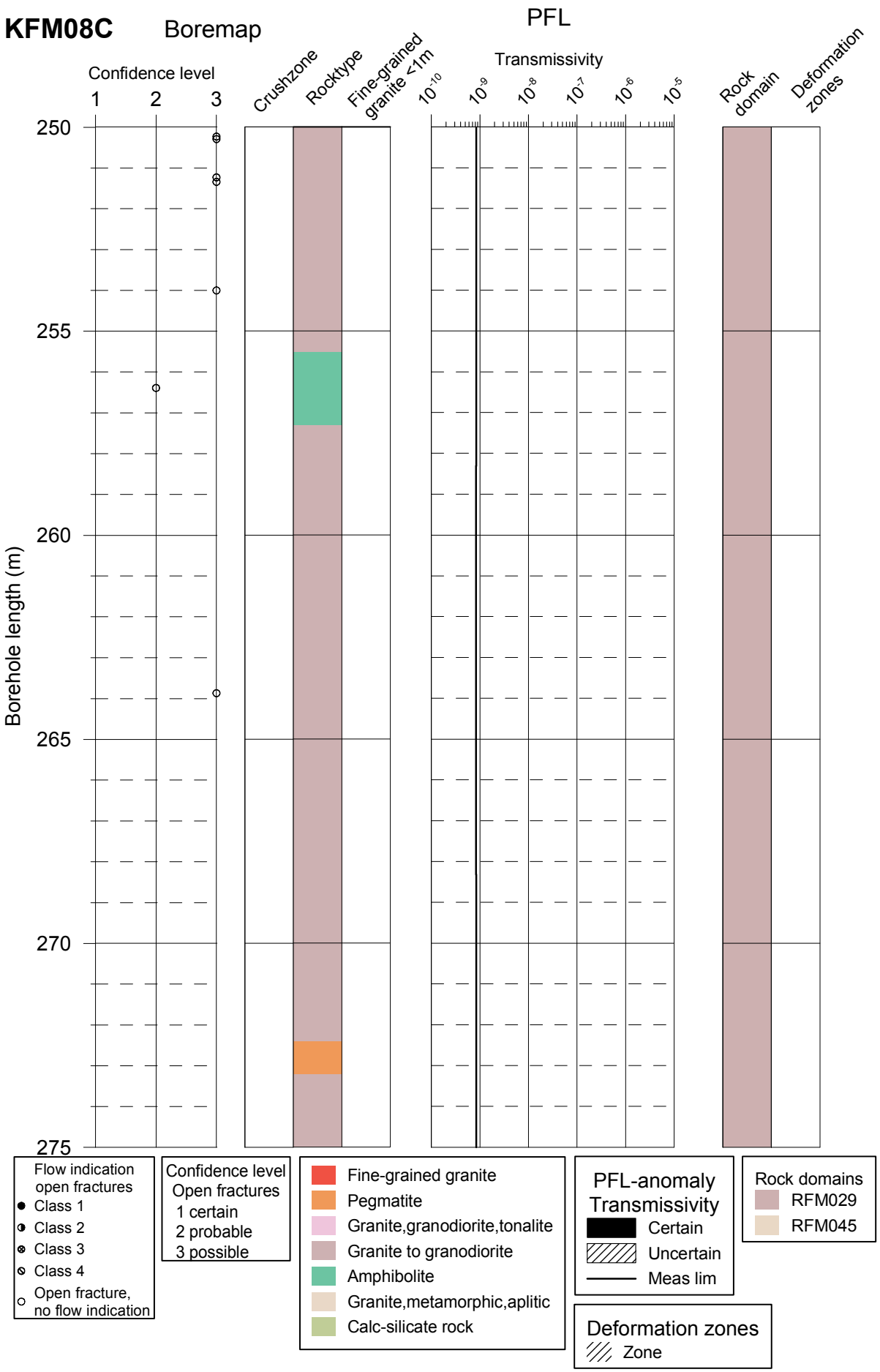

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
125
130
135
140
145
150
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

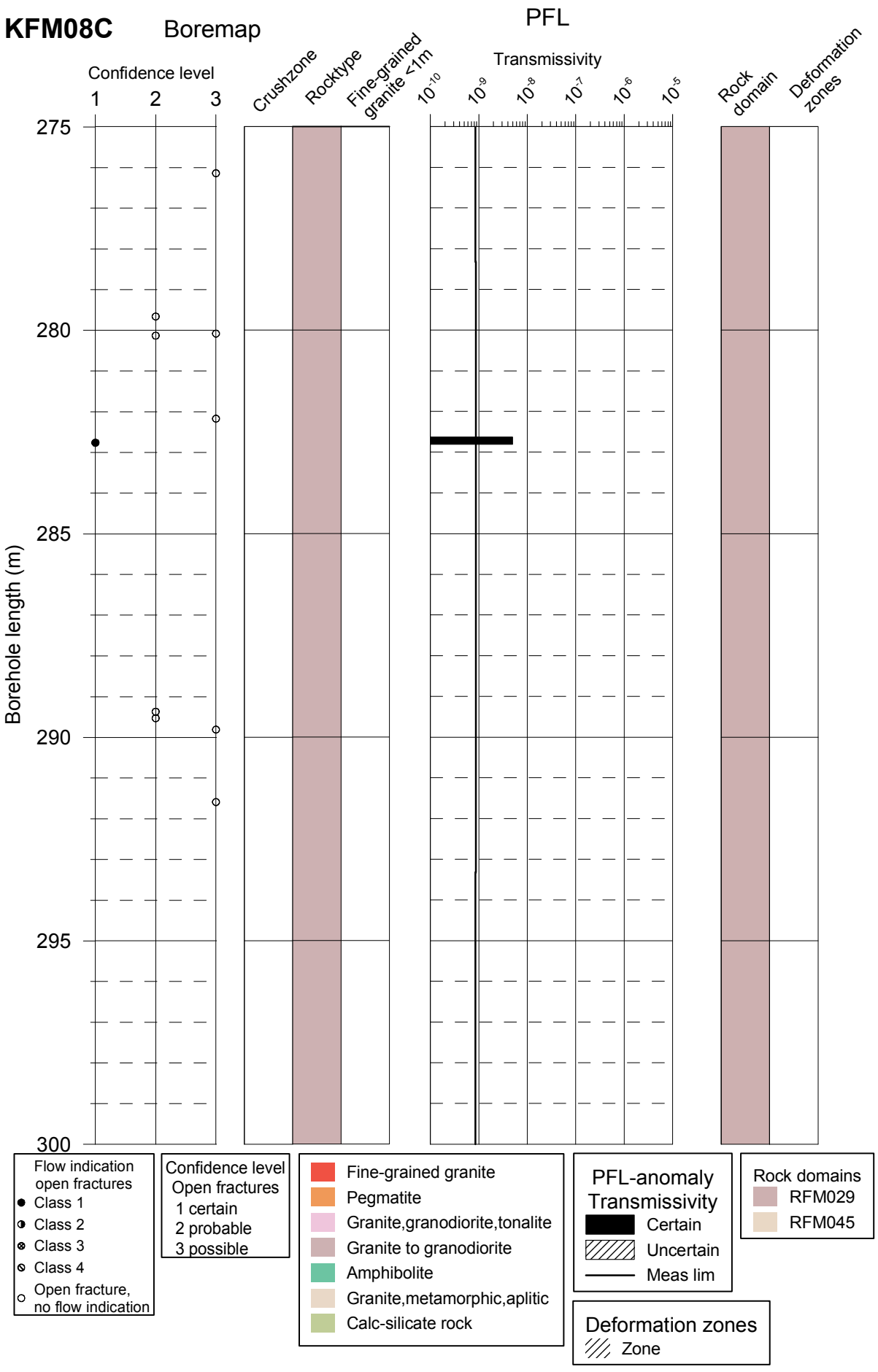

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
150
155
160
165
170
175
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

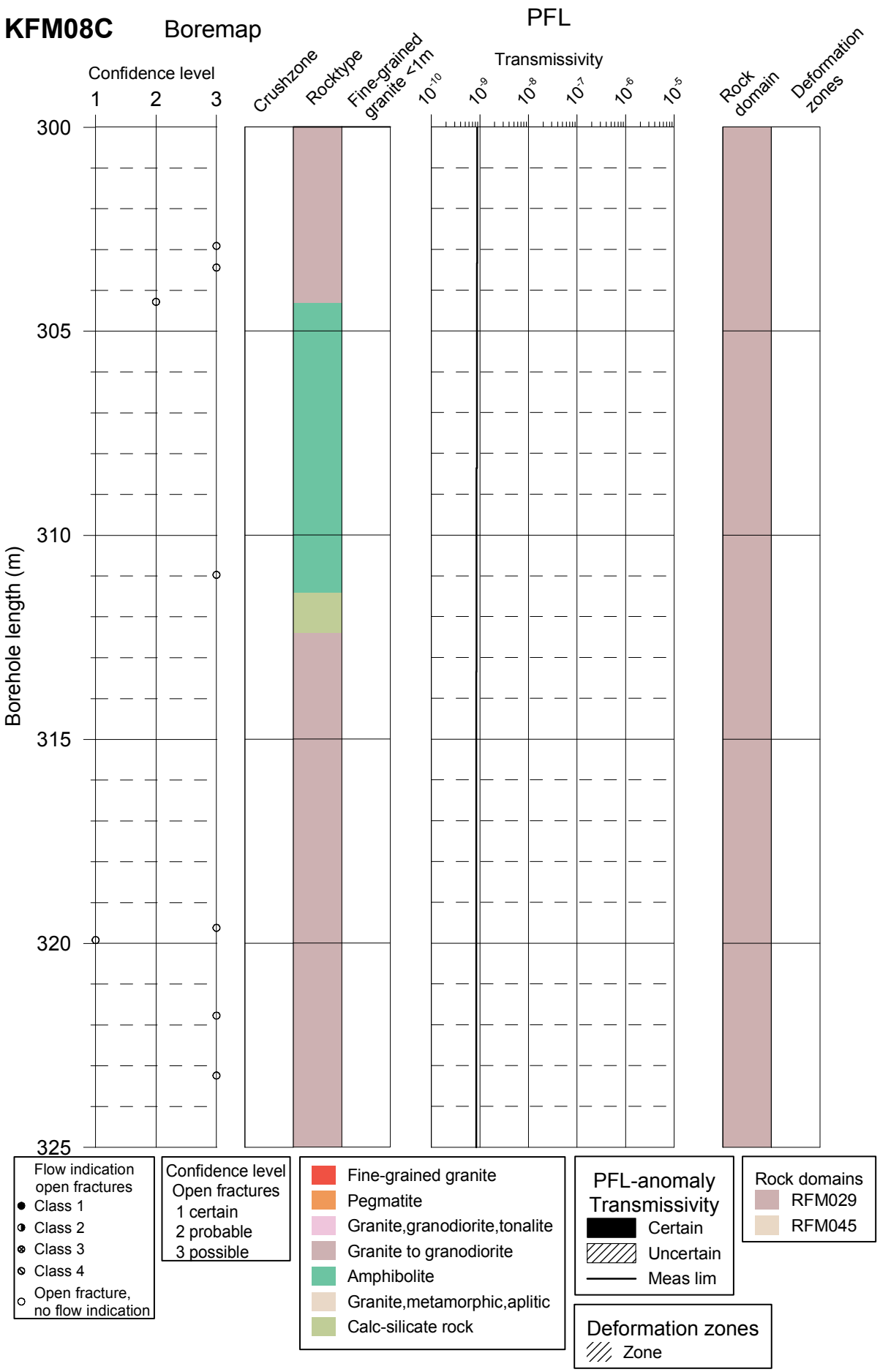

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
175
180
185
190
195
200
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

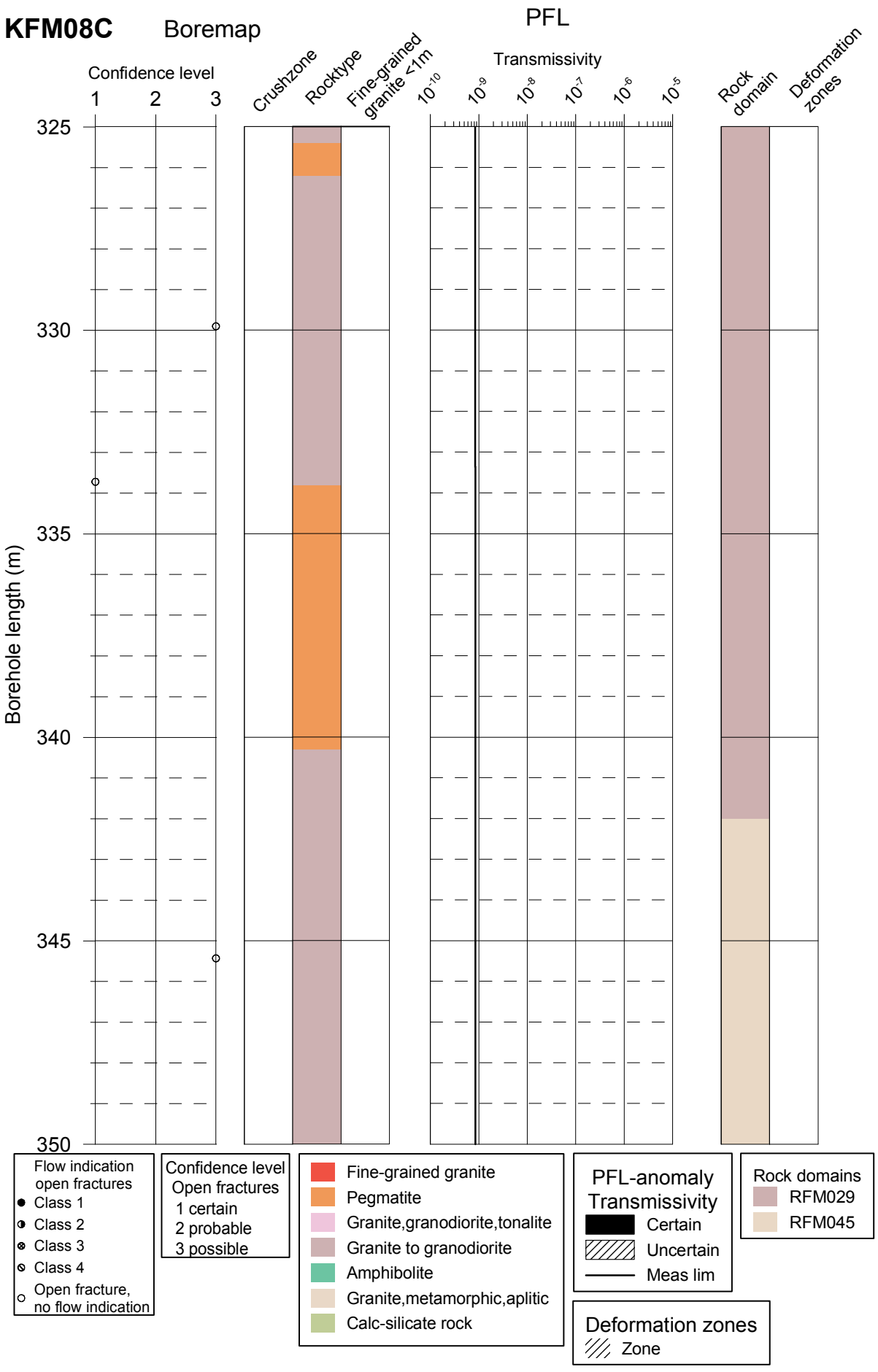

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
200
205
210
215
220
225
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

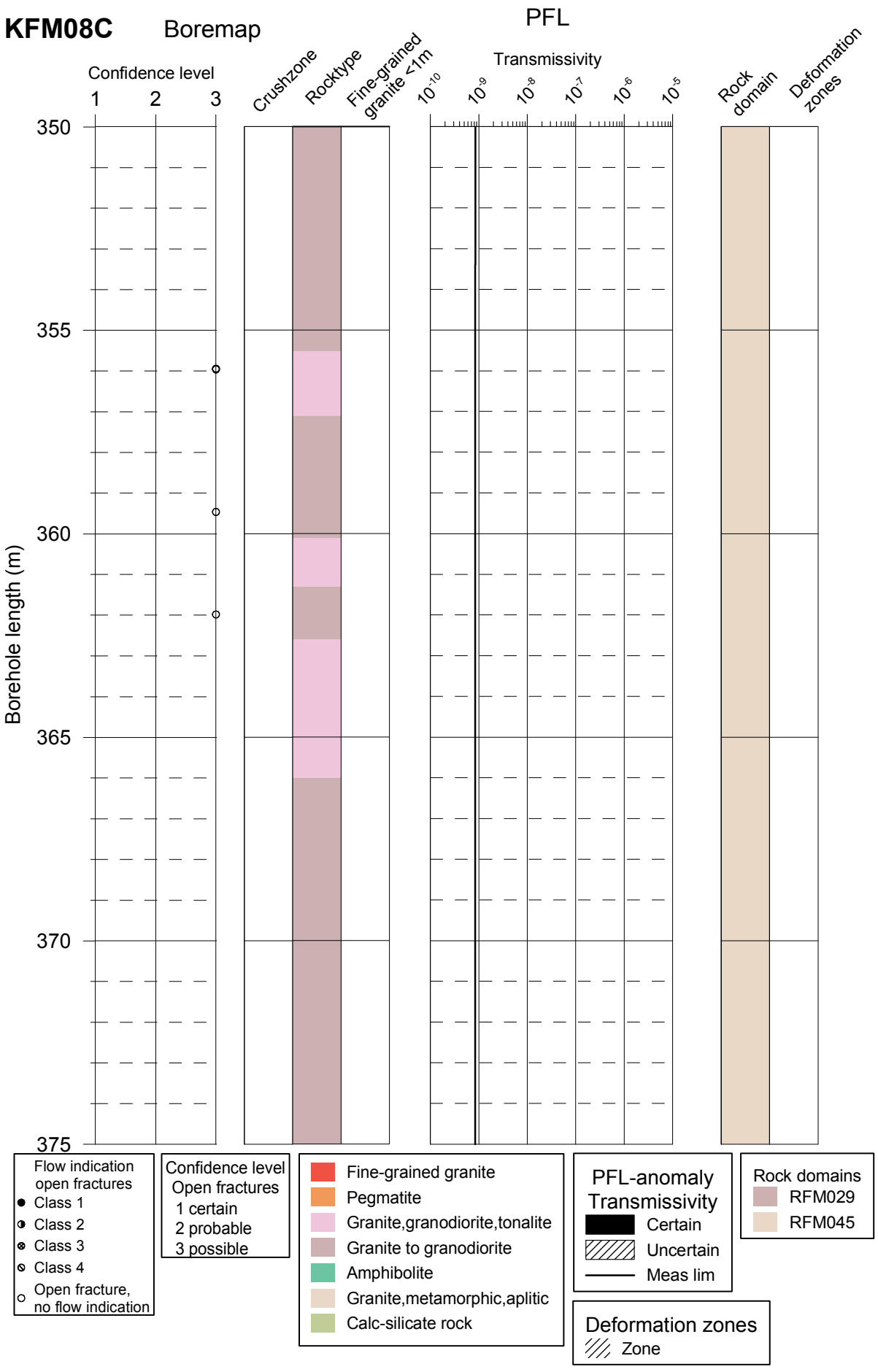

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
225
230
235
240
245
250
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

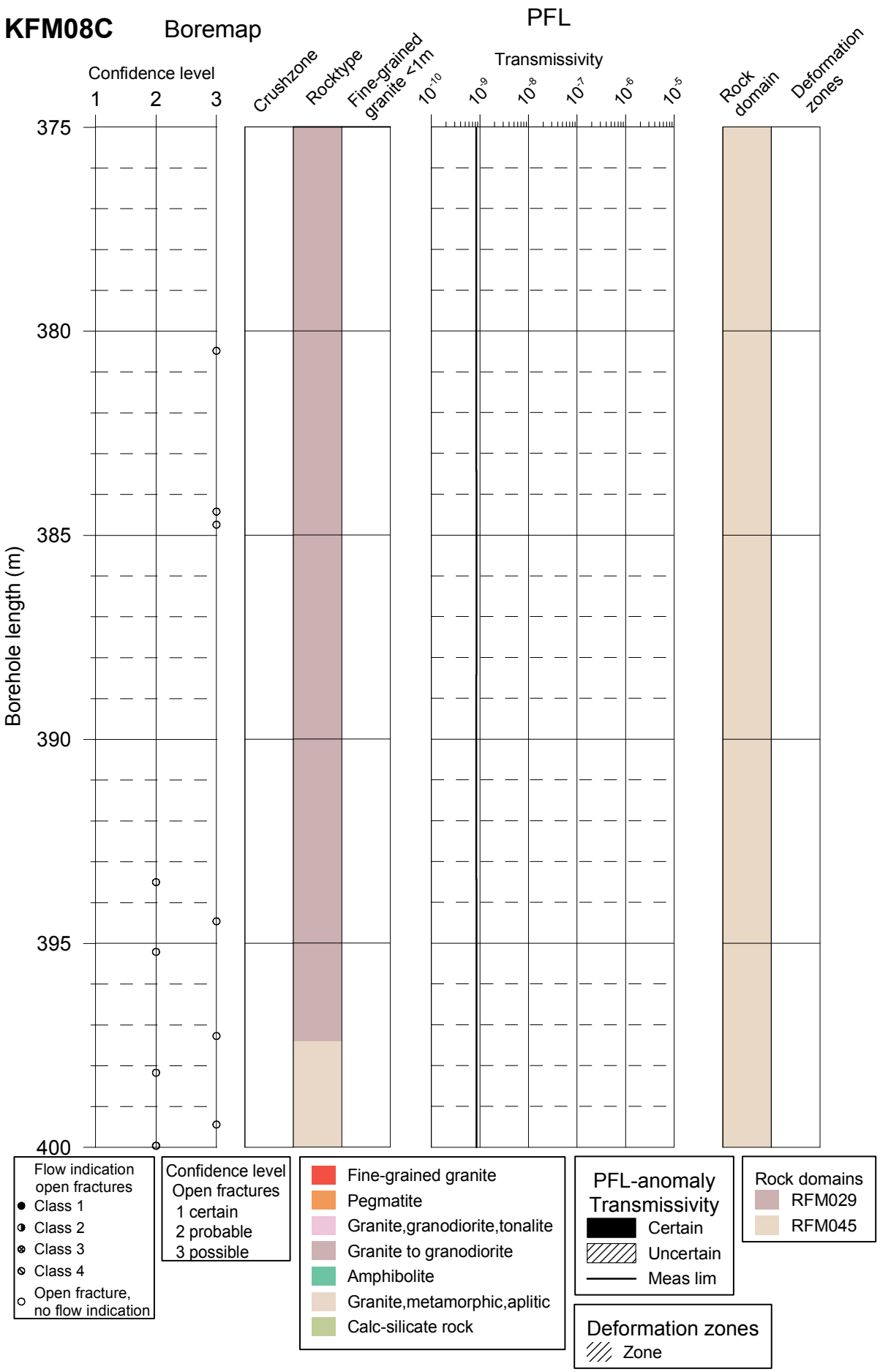

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
250
255
260
265
270
275
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

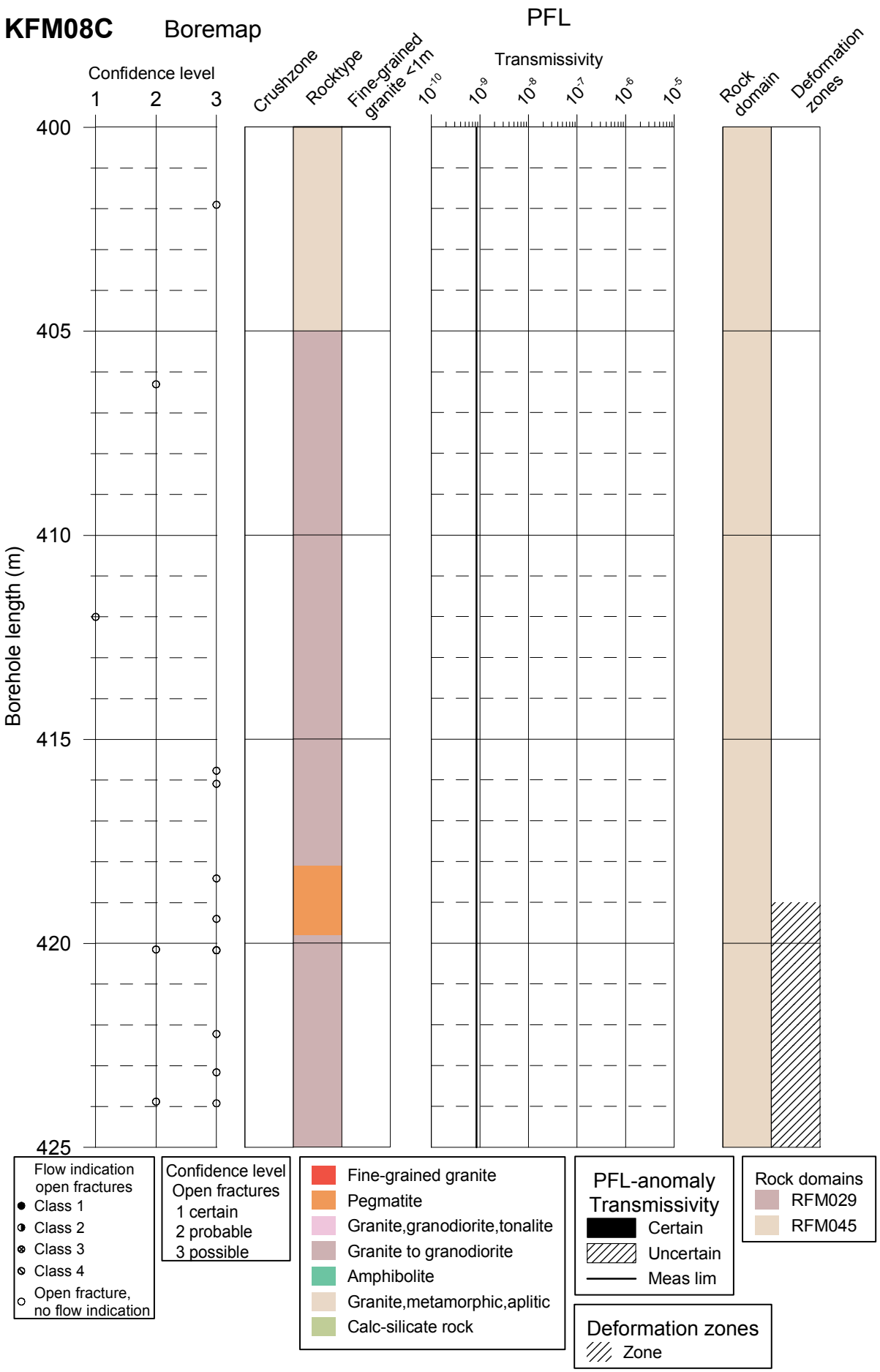

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
275
280
285
290
295
300
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

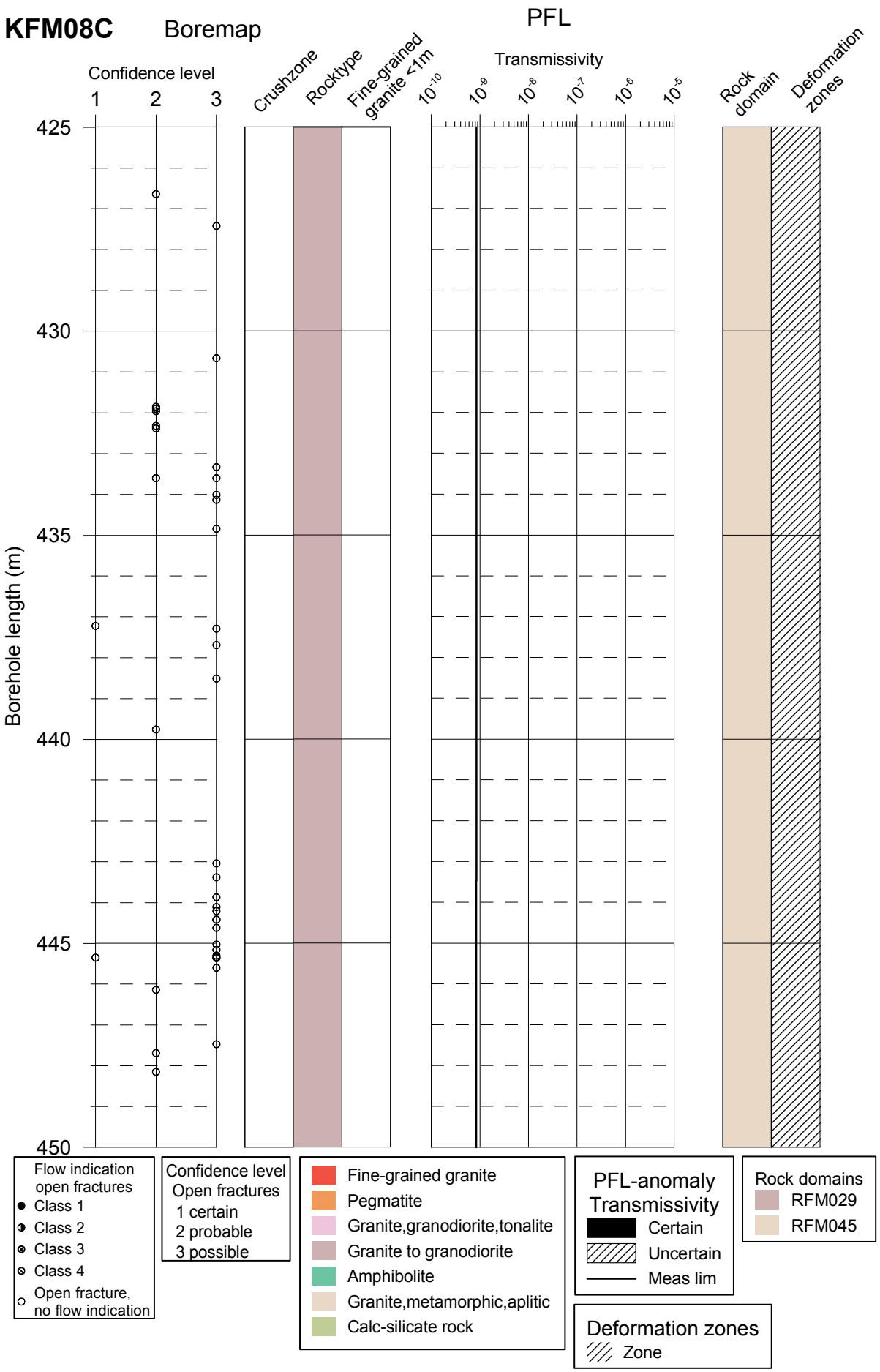

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
300
305
310
315
320
325
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

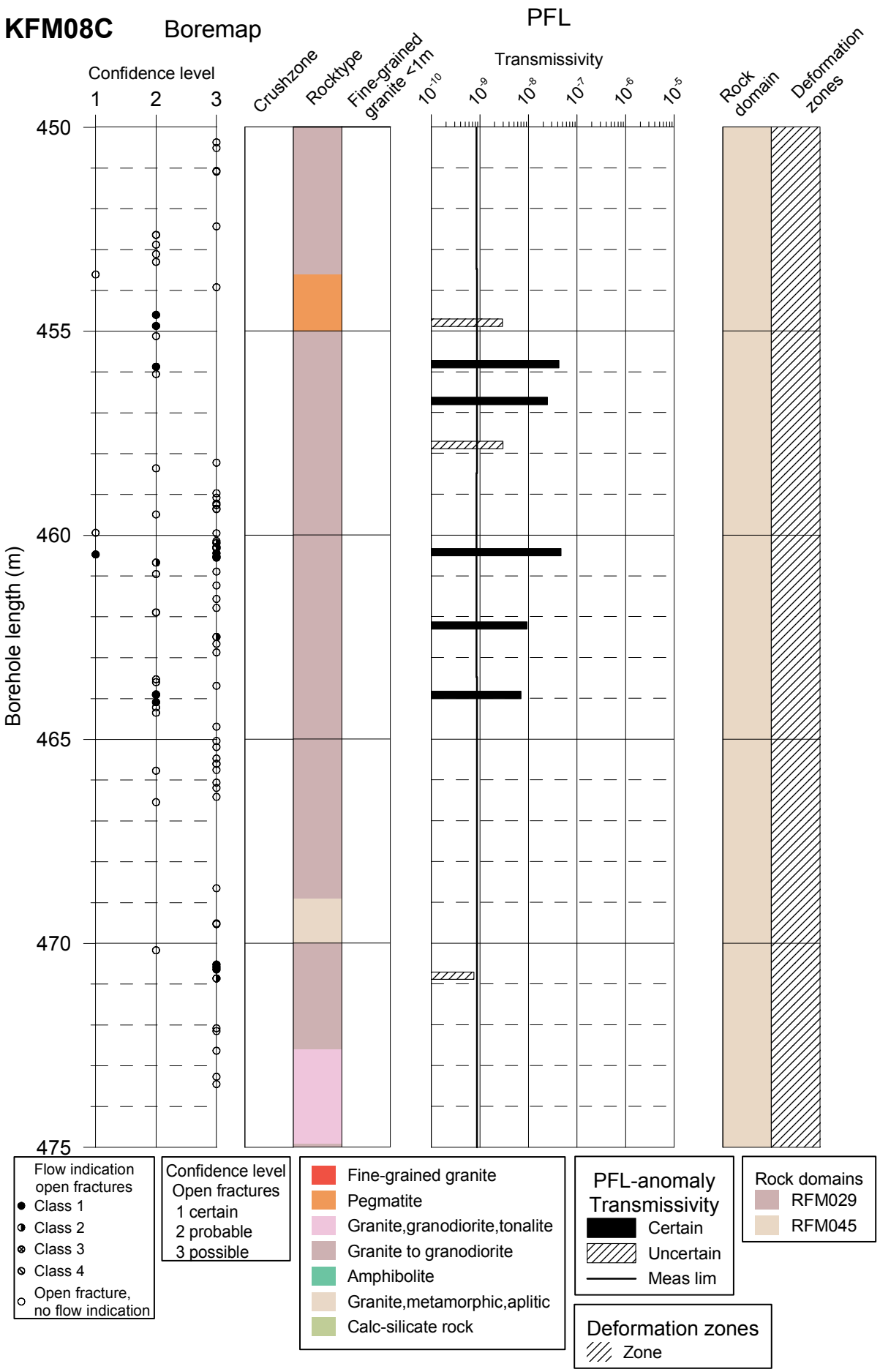

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
325
330
335
340
345
350
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

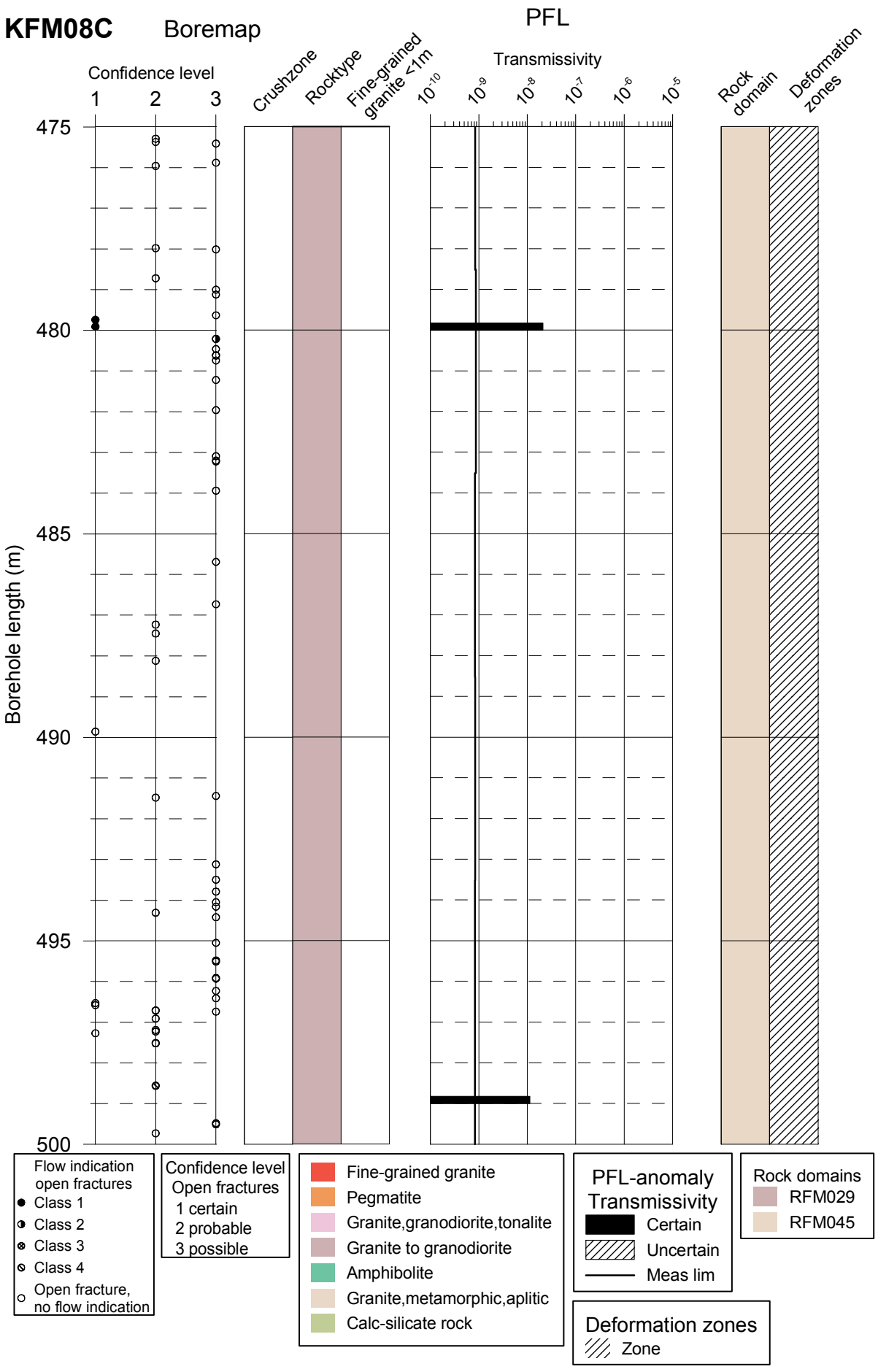

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
350
355
360
365
370
375
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

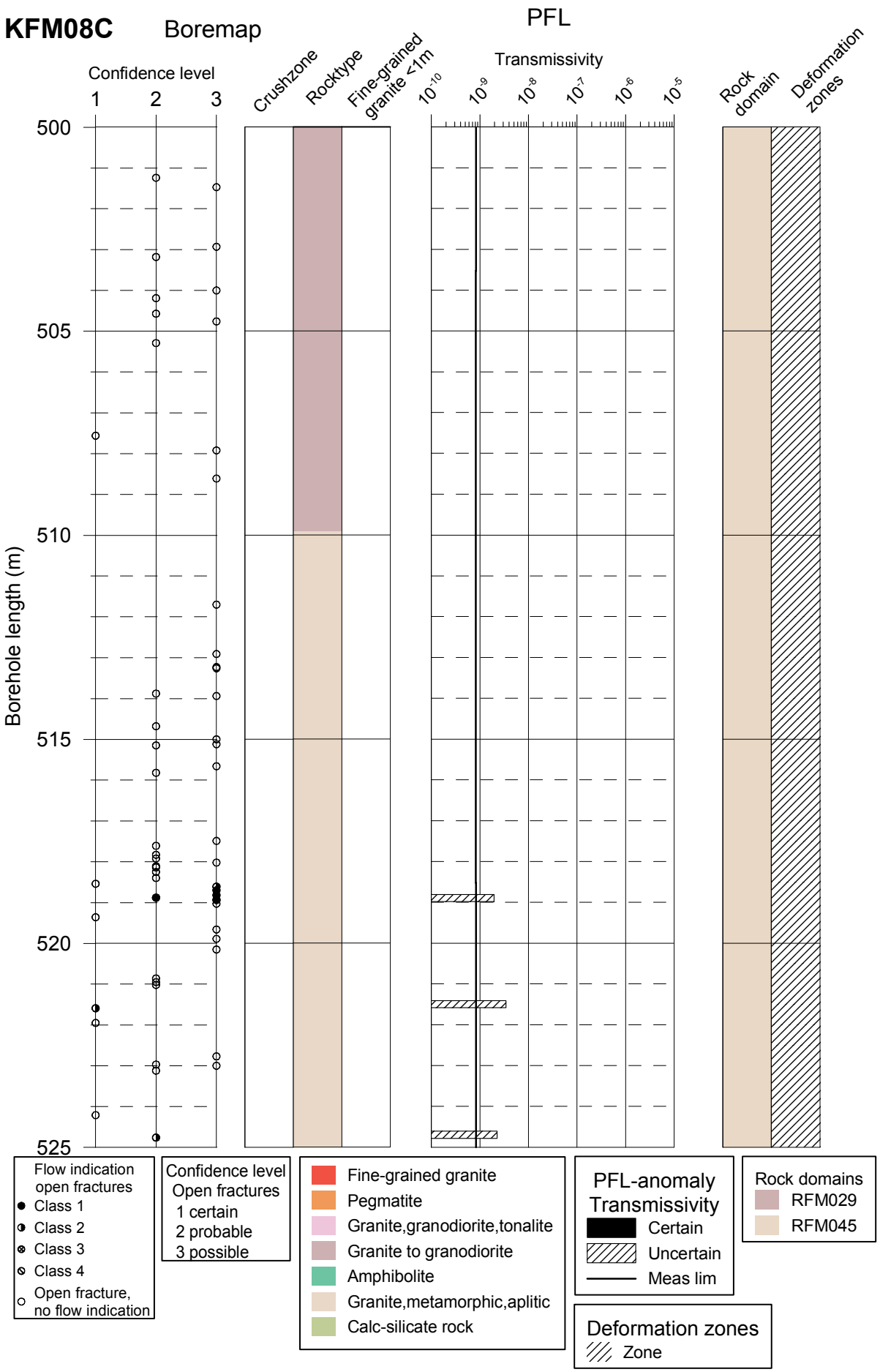

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
375
380
385
390
395
400
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

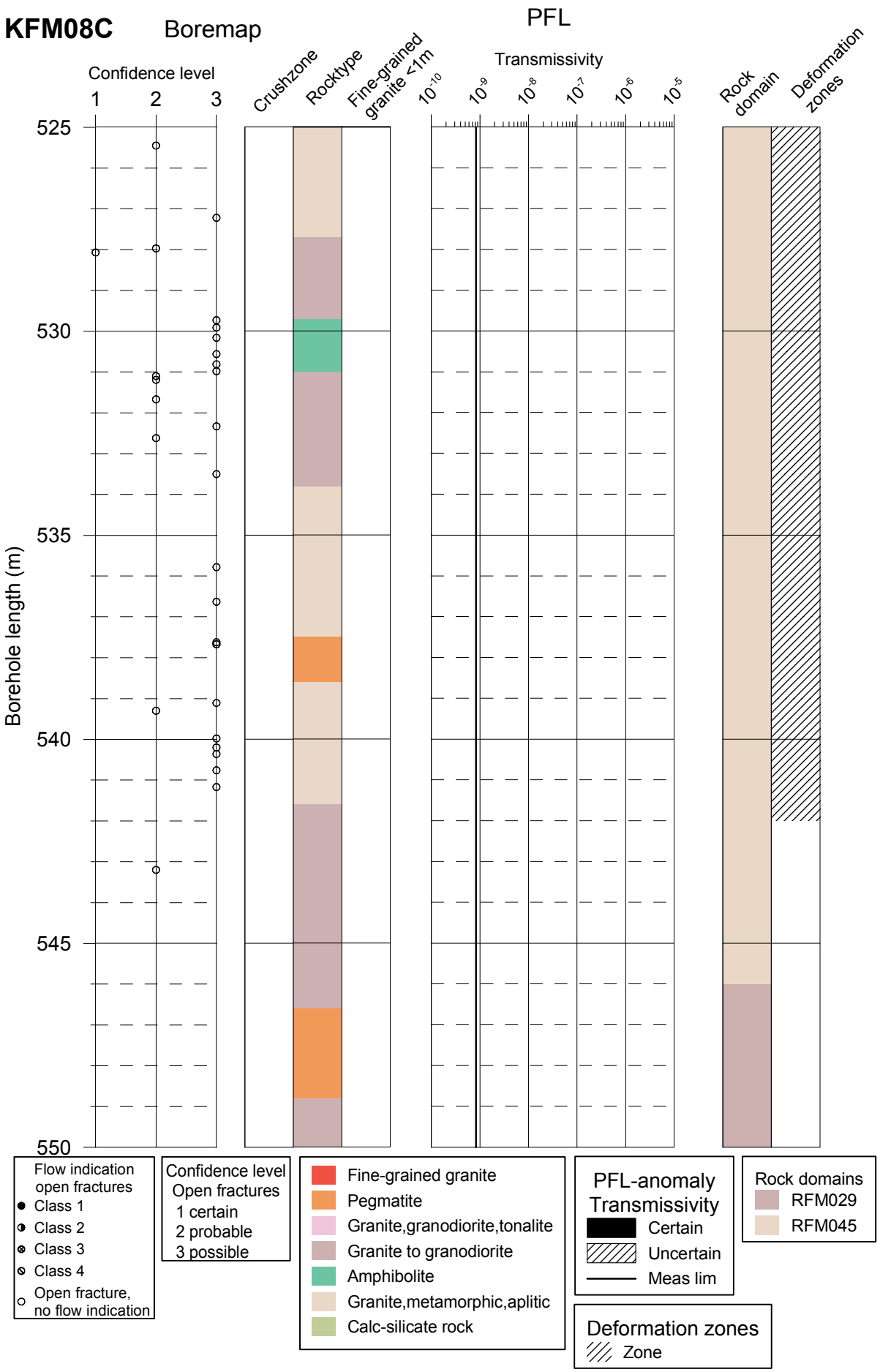

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
400
405
410
415
420
425
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

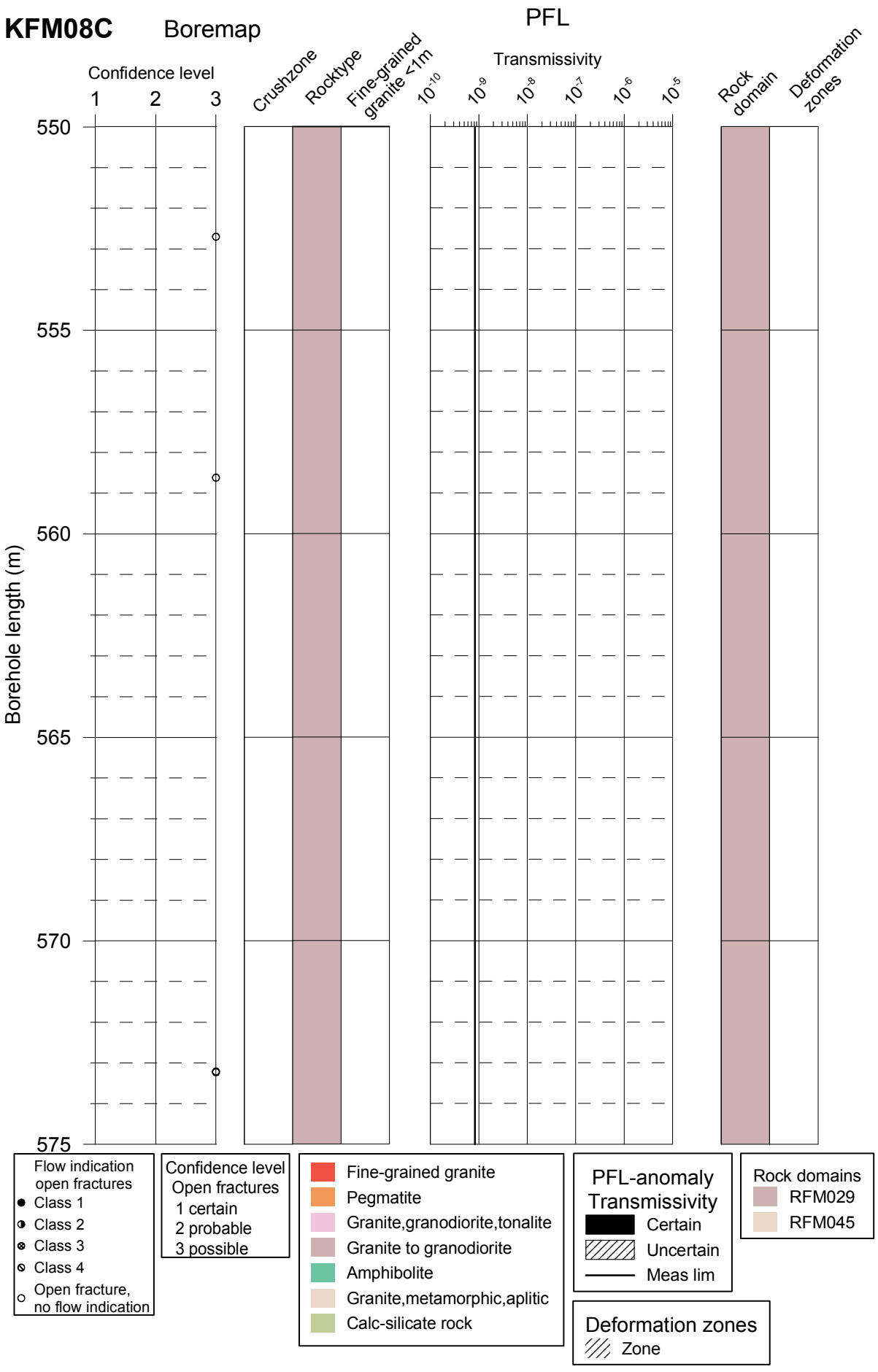

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
425
430
435
440
445
450
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

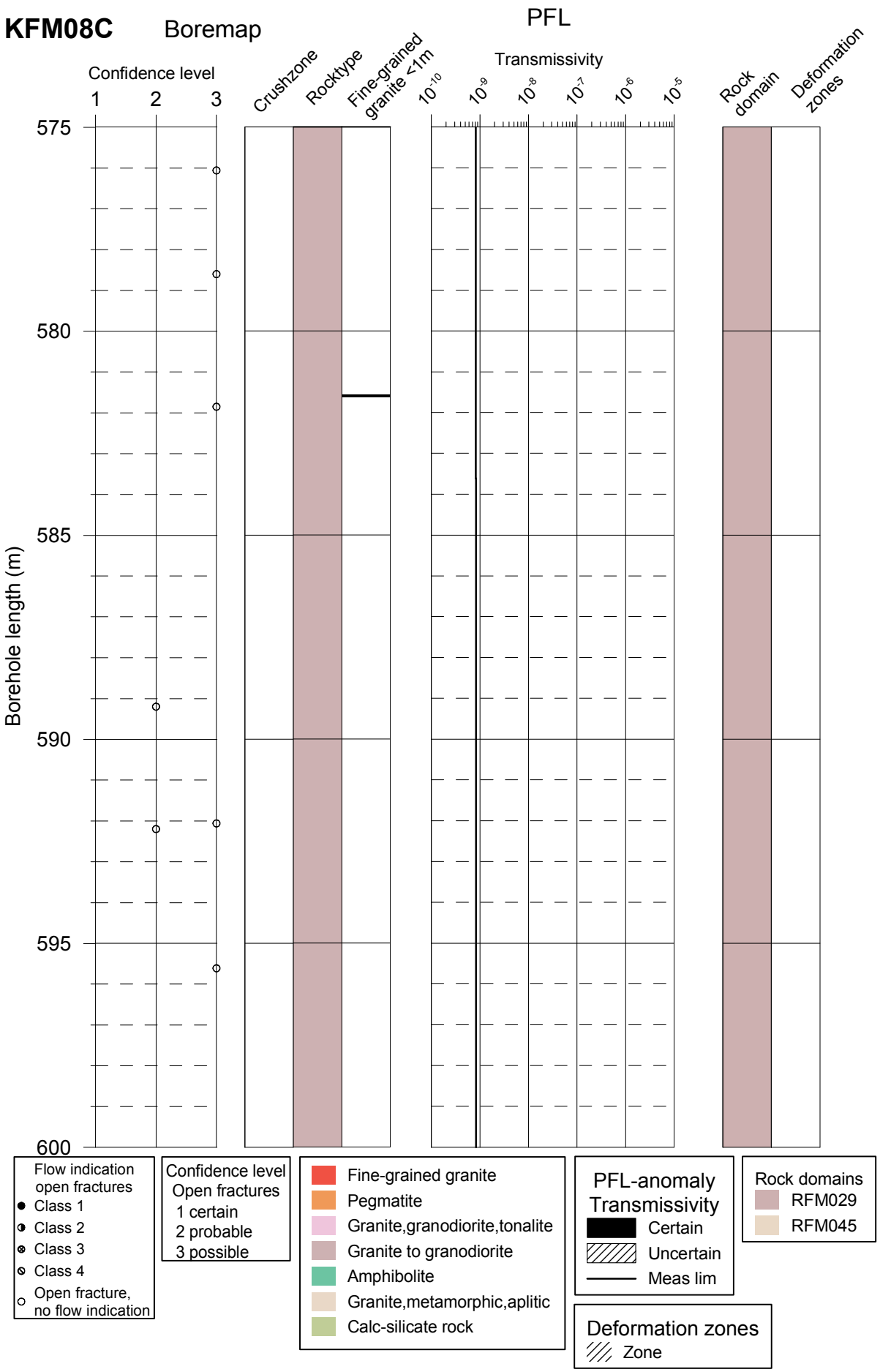

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
450
455
460
465
470
475
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

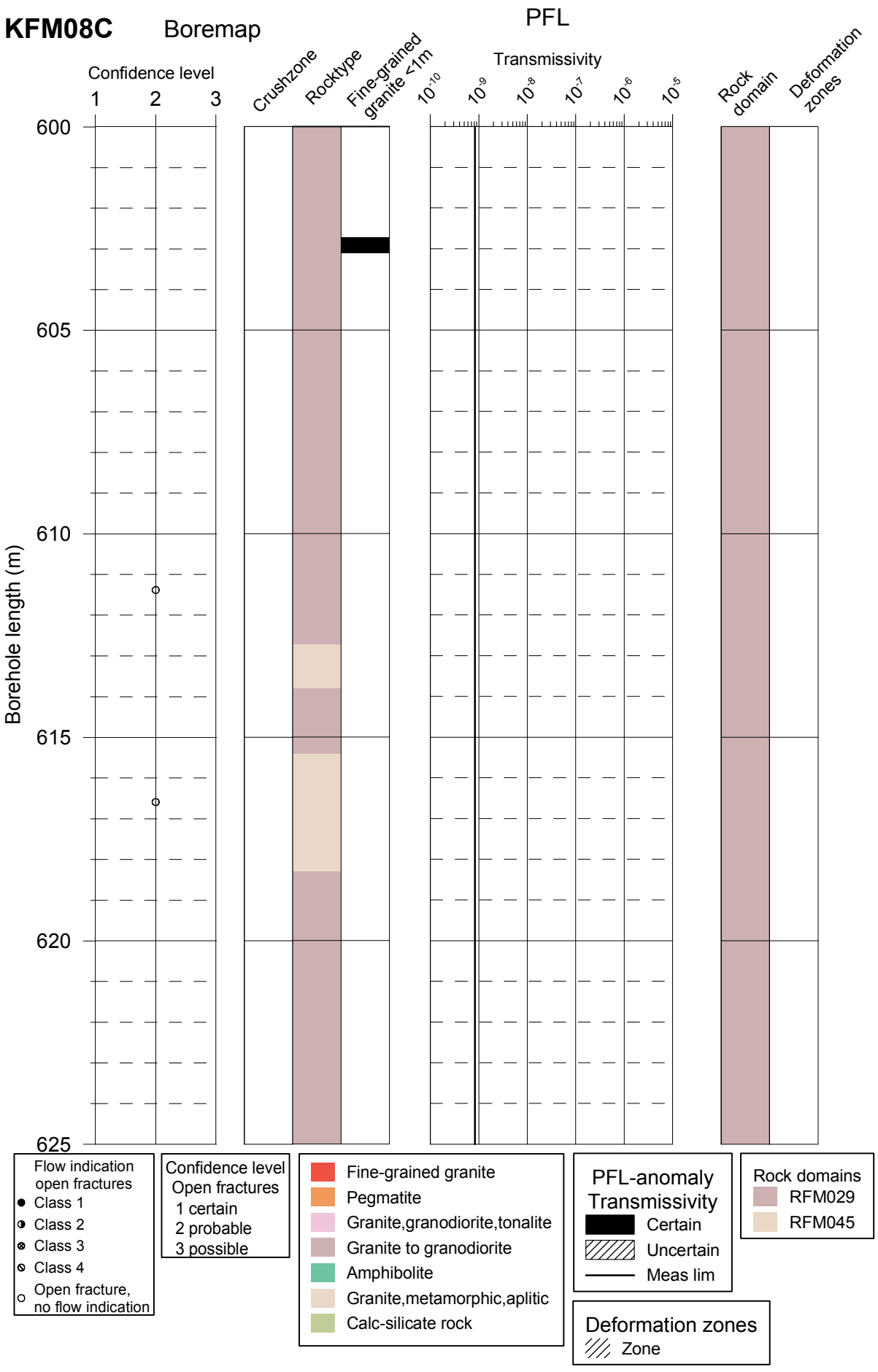

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
475
480
485
490
495
500
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

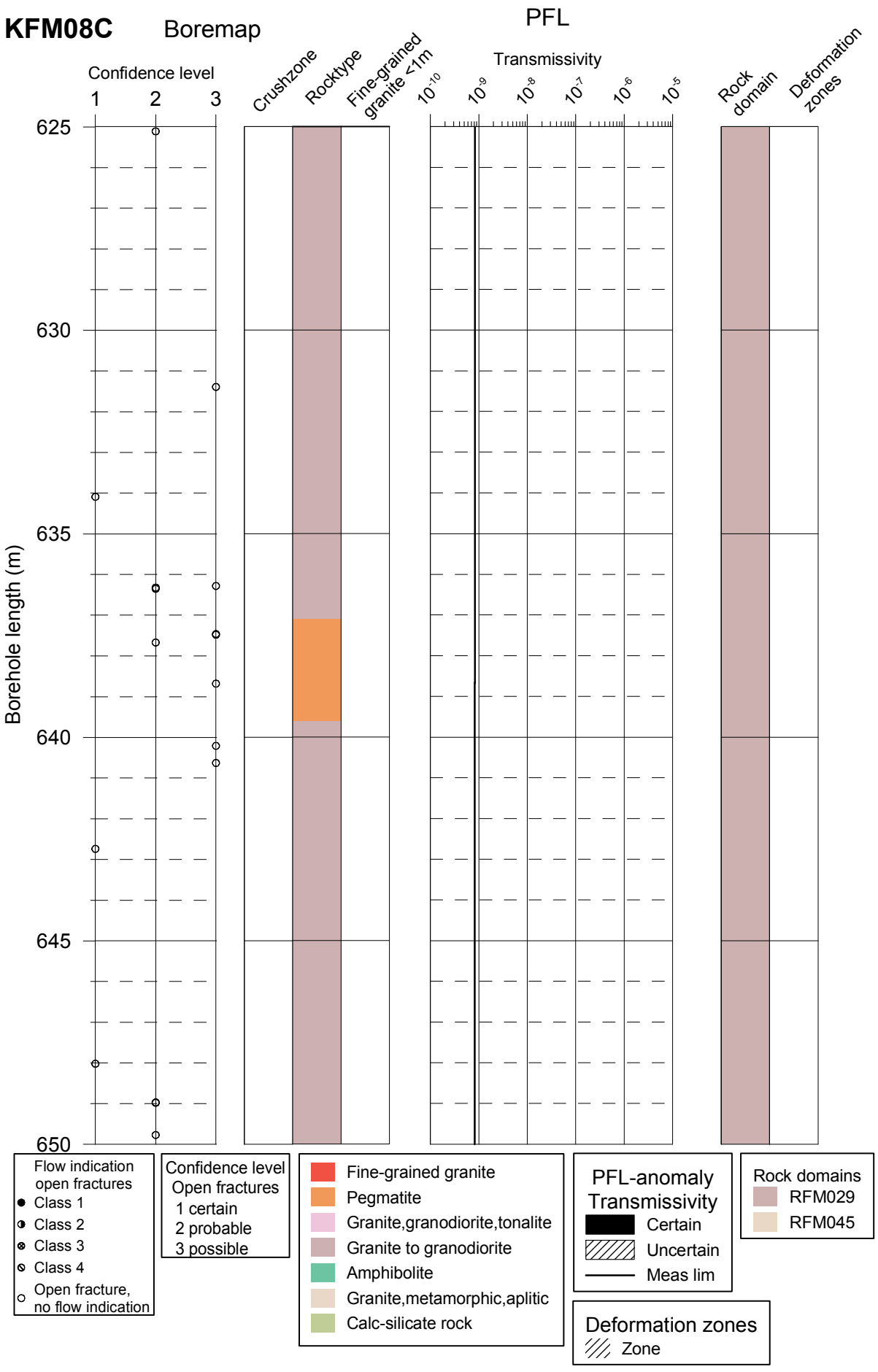

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
500
505
510
515
520
525
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

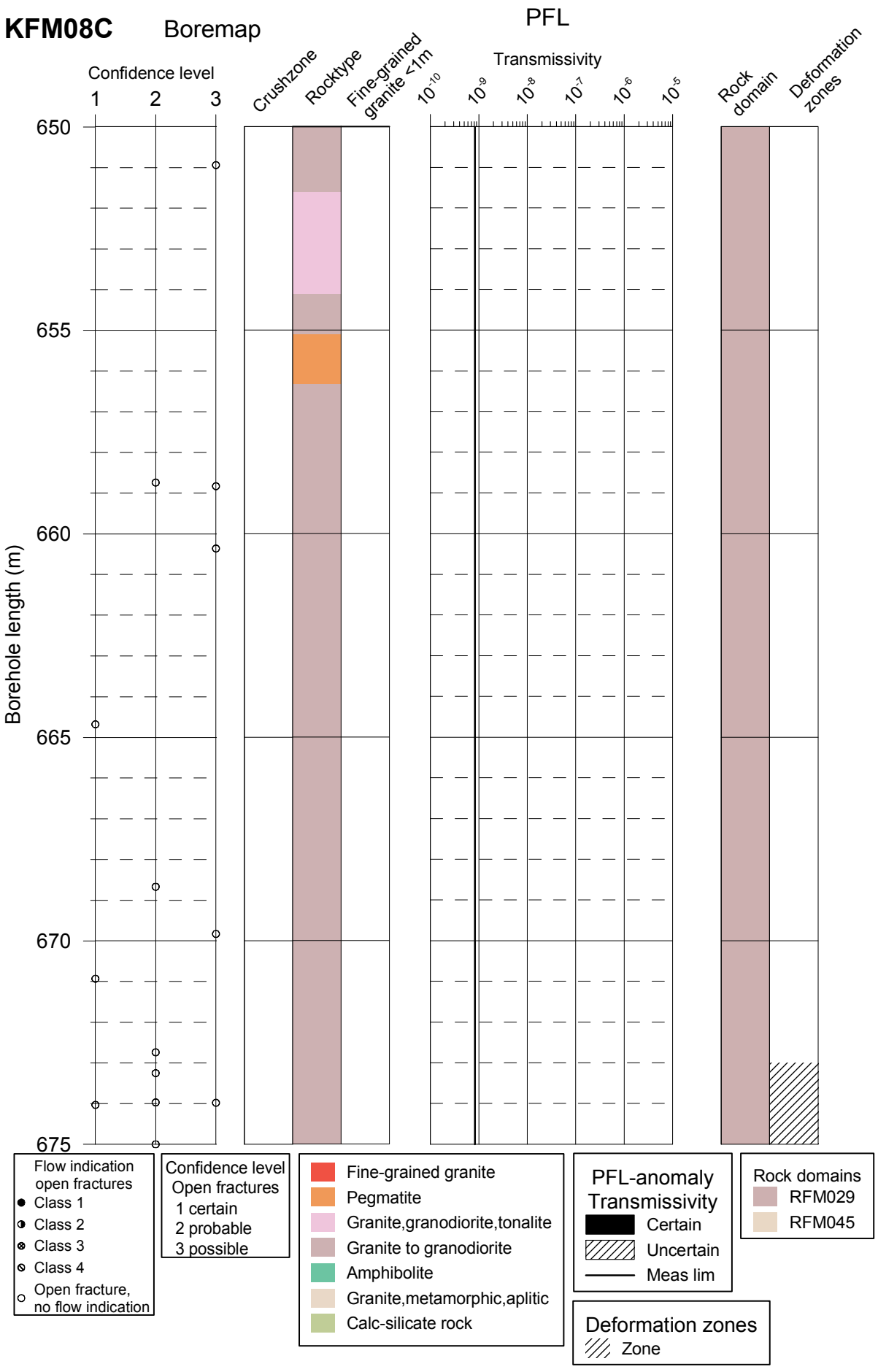

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
525
530
535
540
545
550
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

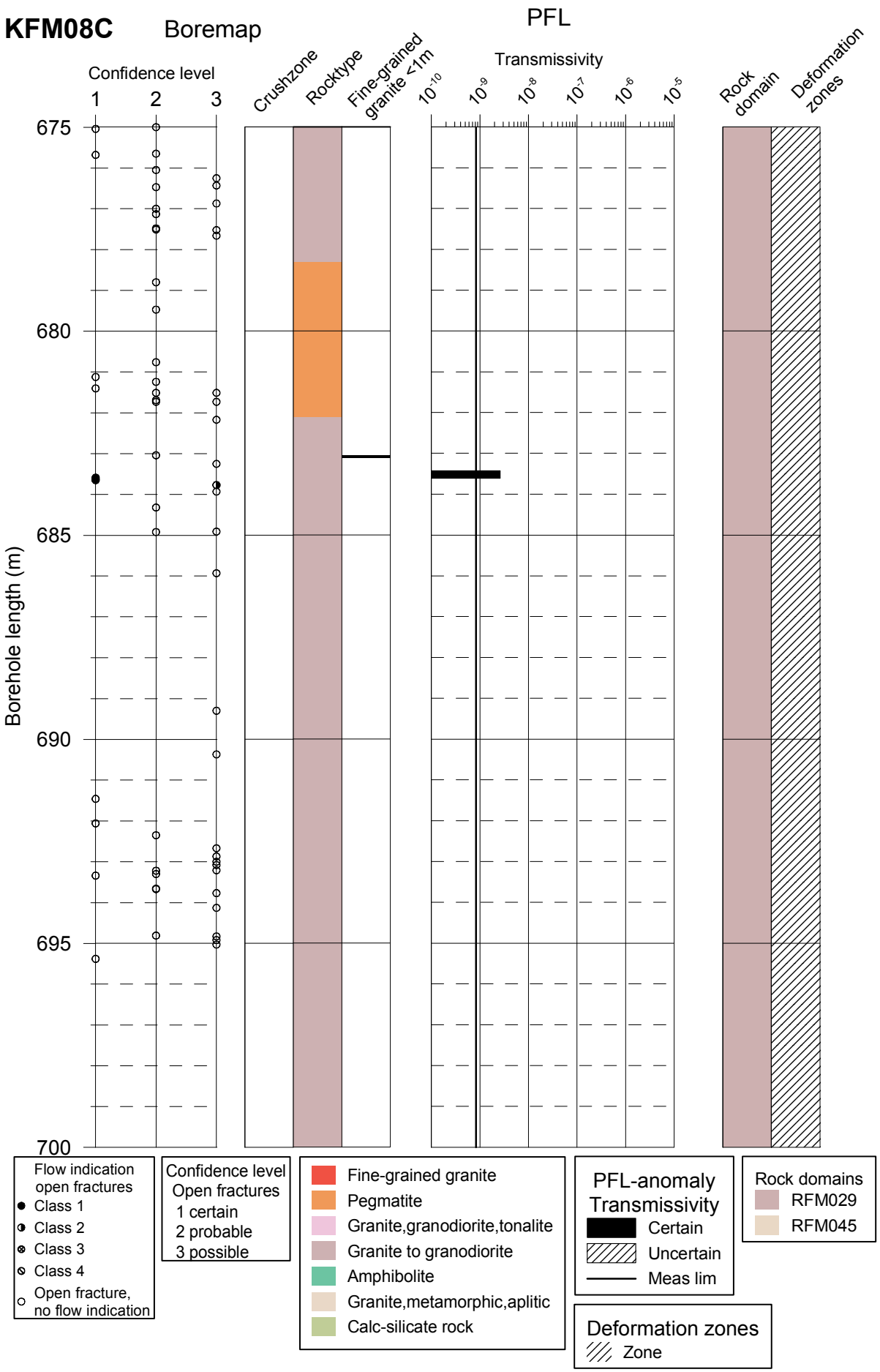

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
550
555
560
565
570
575
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

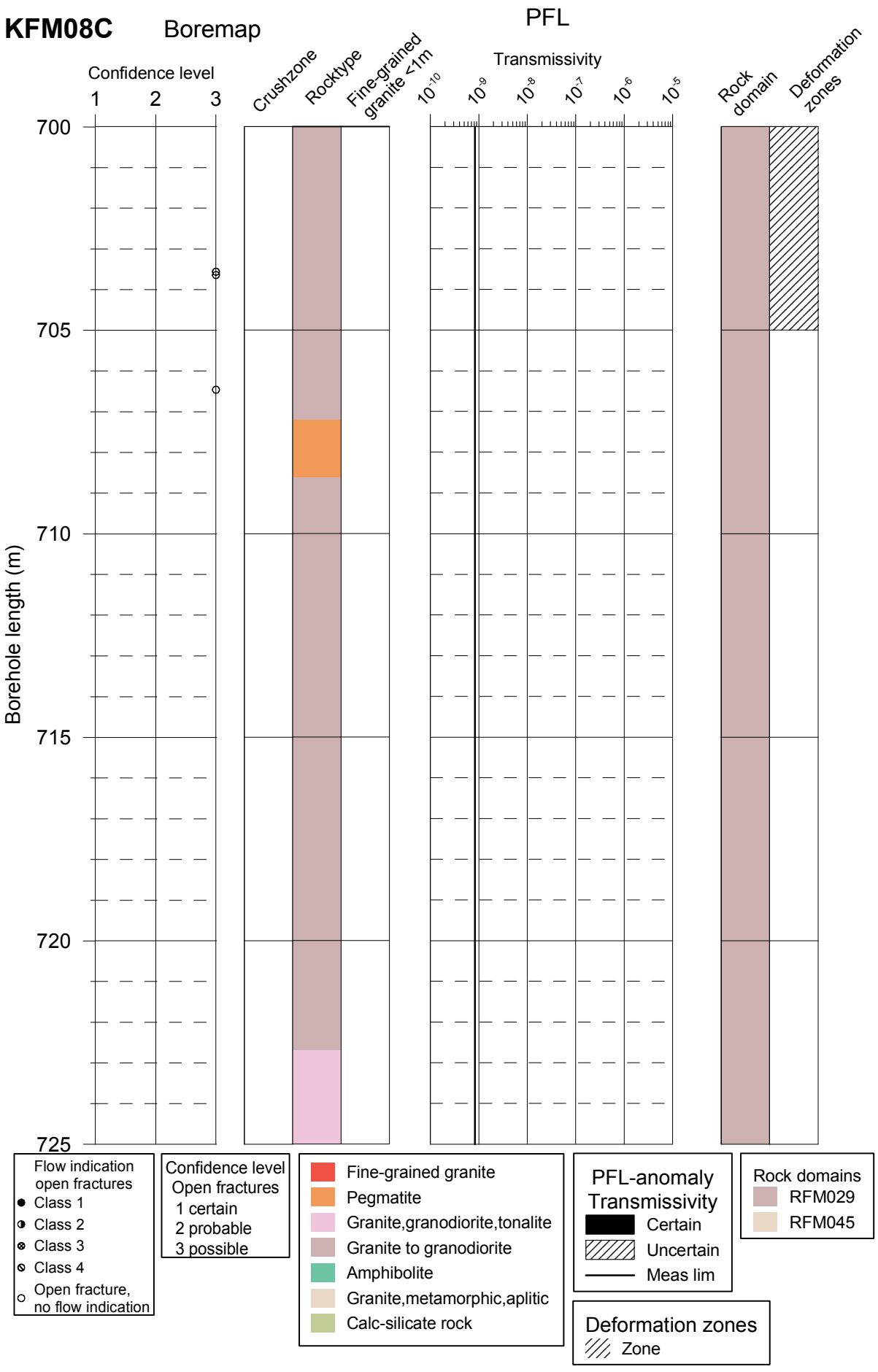

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
575
580
585
590
595
600
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

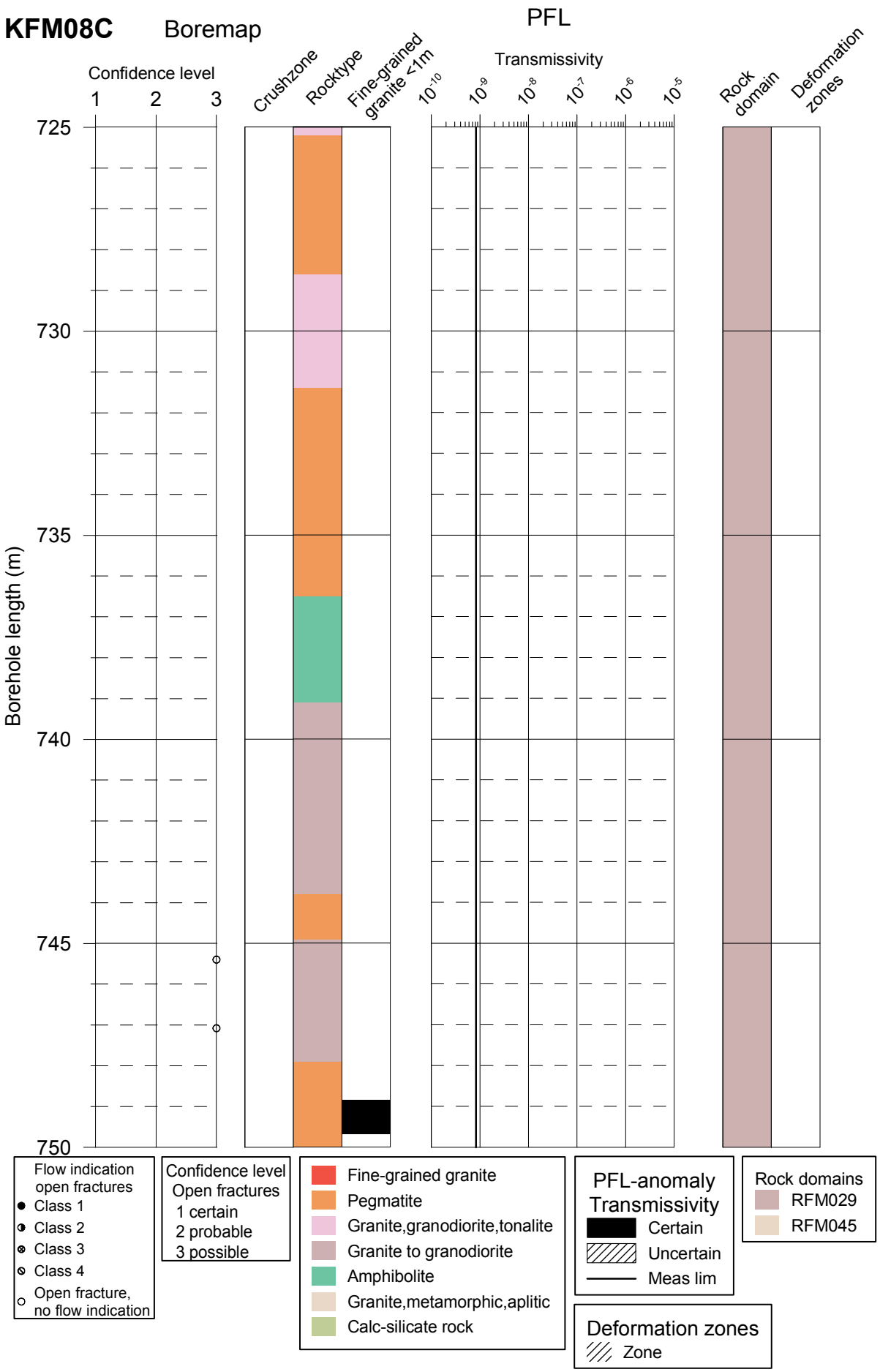

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
600
605
610
615
620
625
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

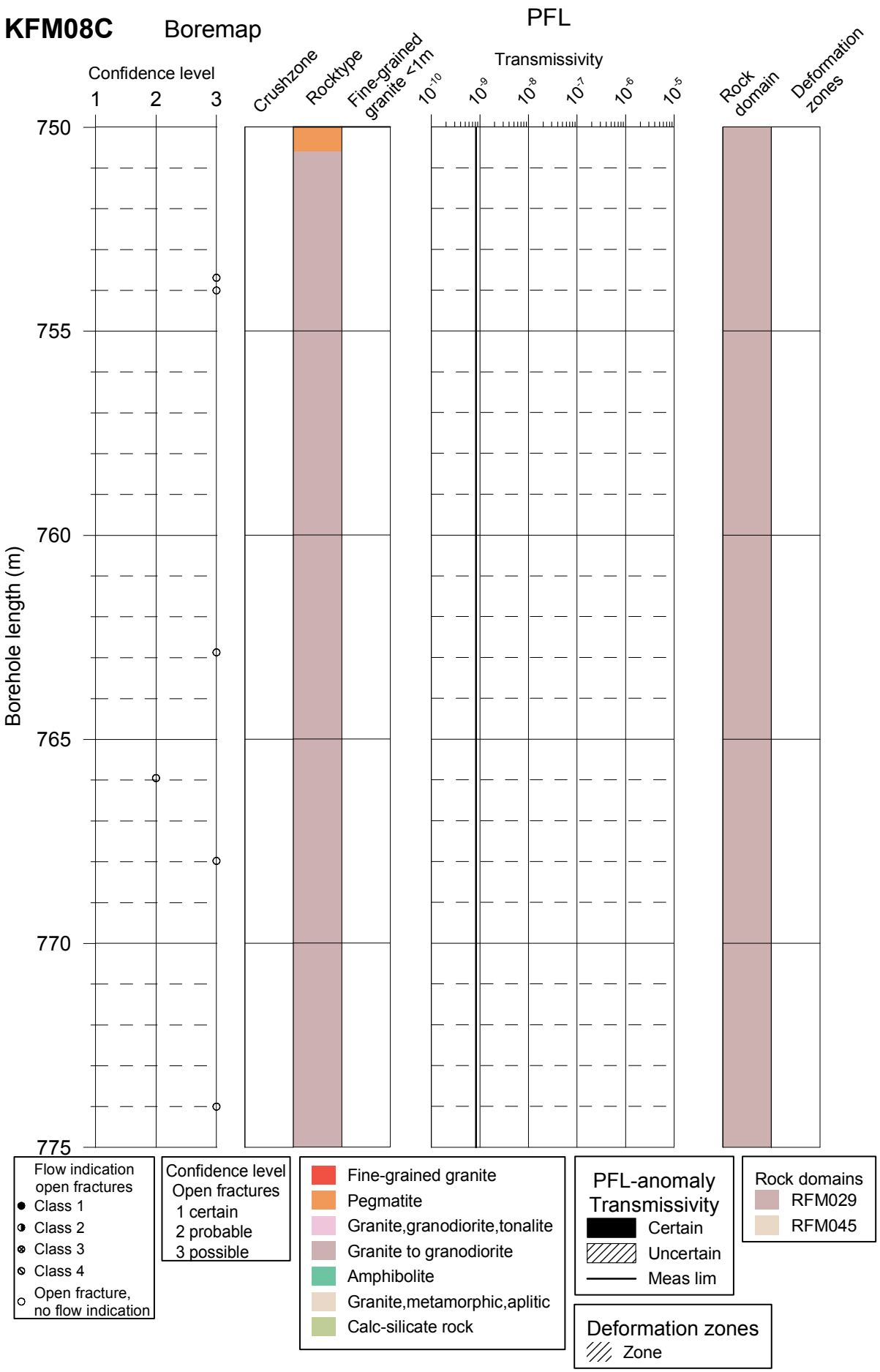

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
625
630
635
640
645
650
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

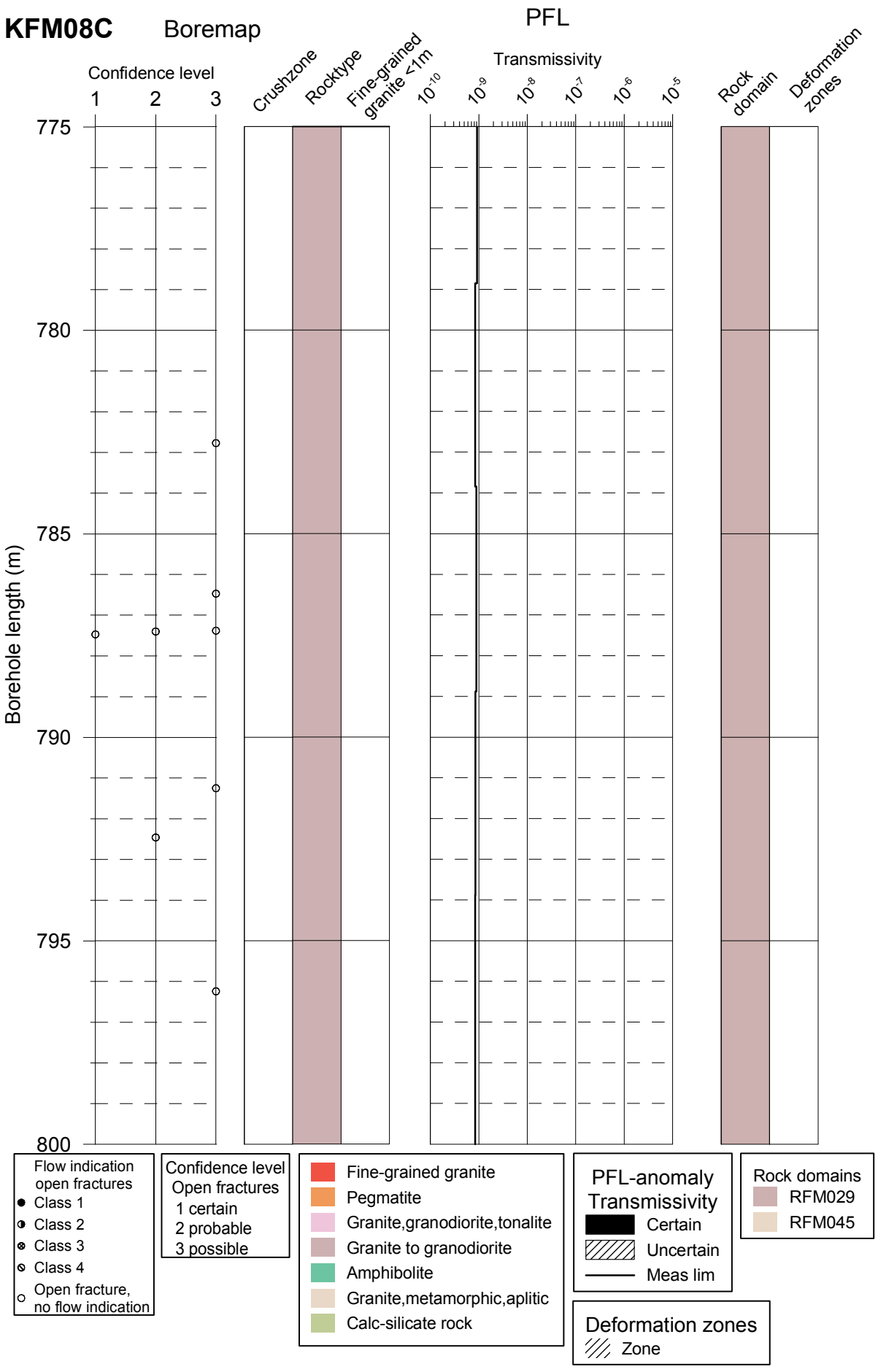

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
650
655
660
665
670
675
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

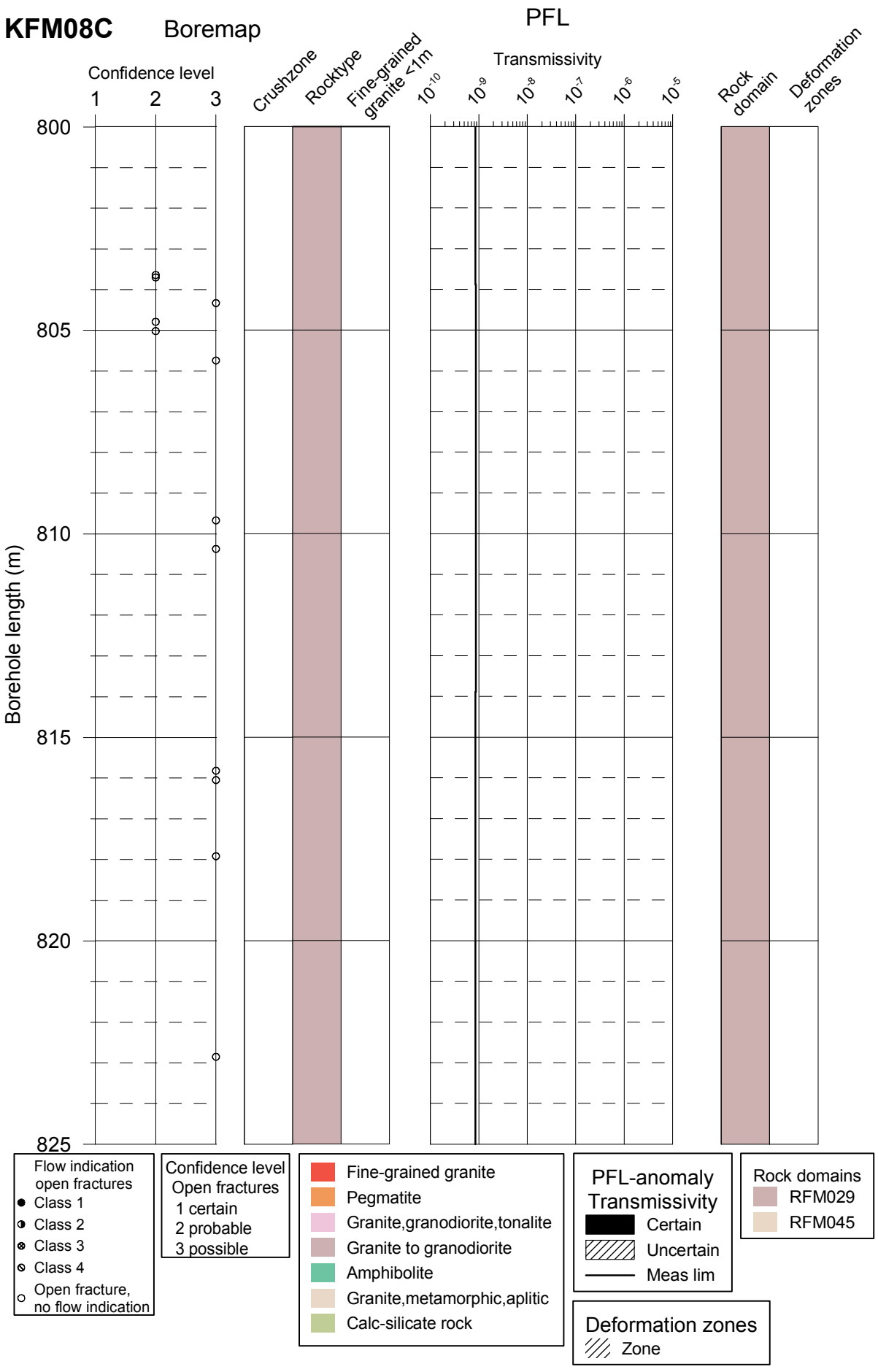

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
675
680
685
690
695
700
Borehole length (m)
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

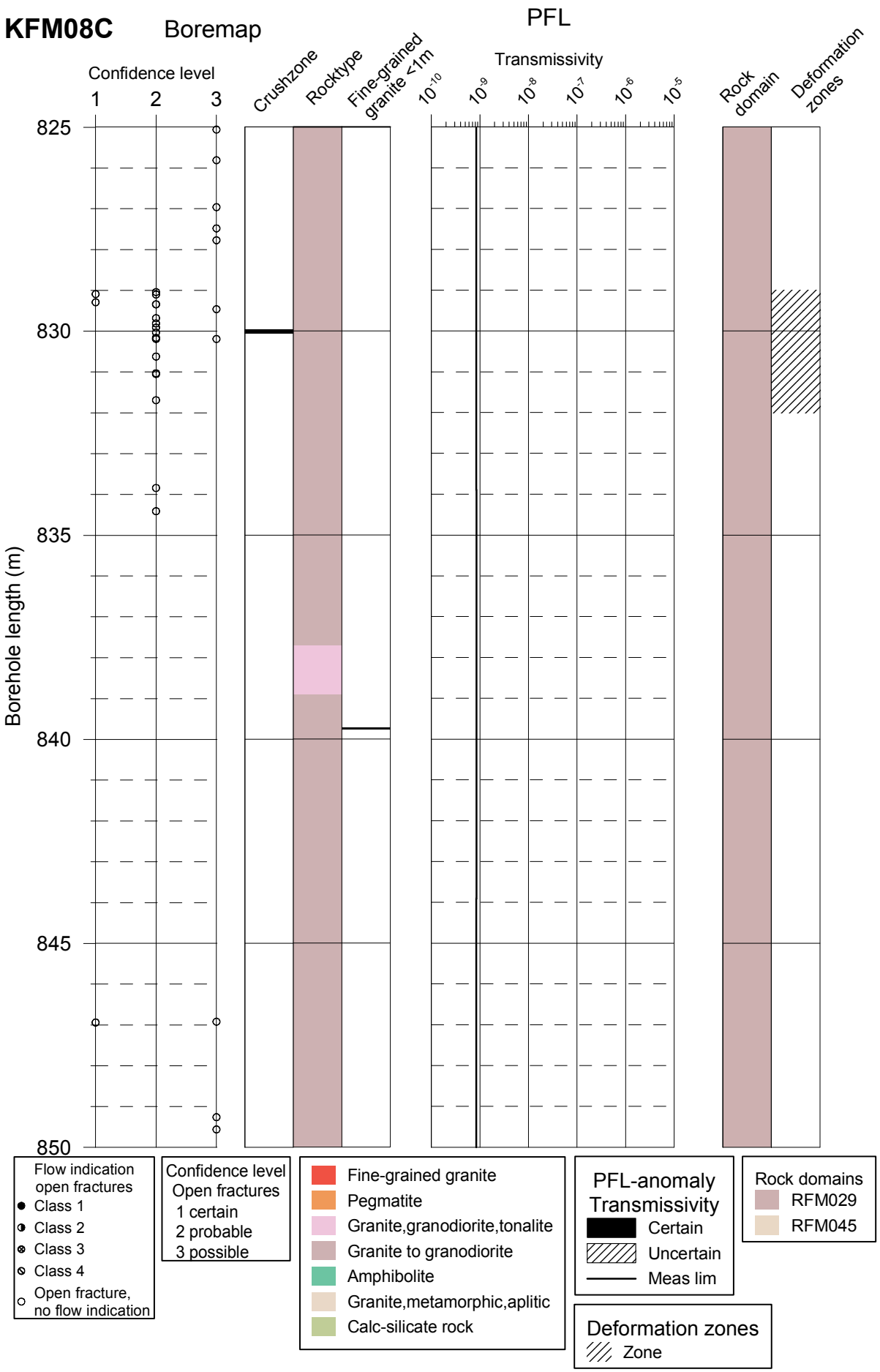

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
700
705
710
715
720
725
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

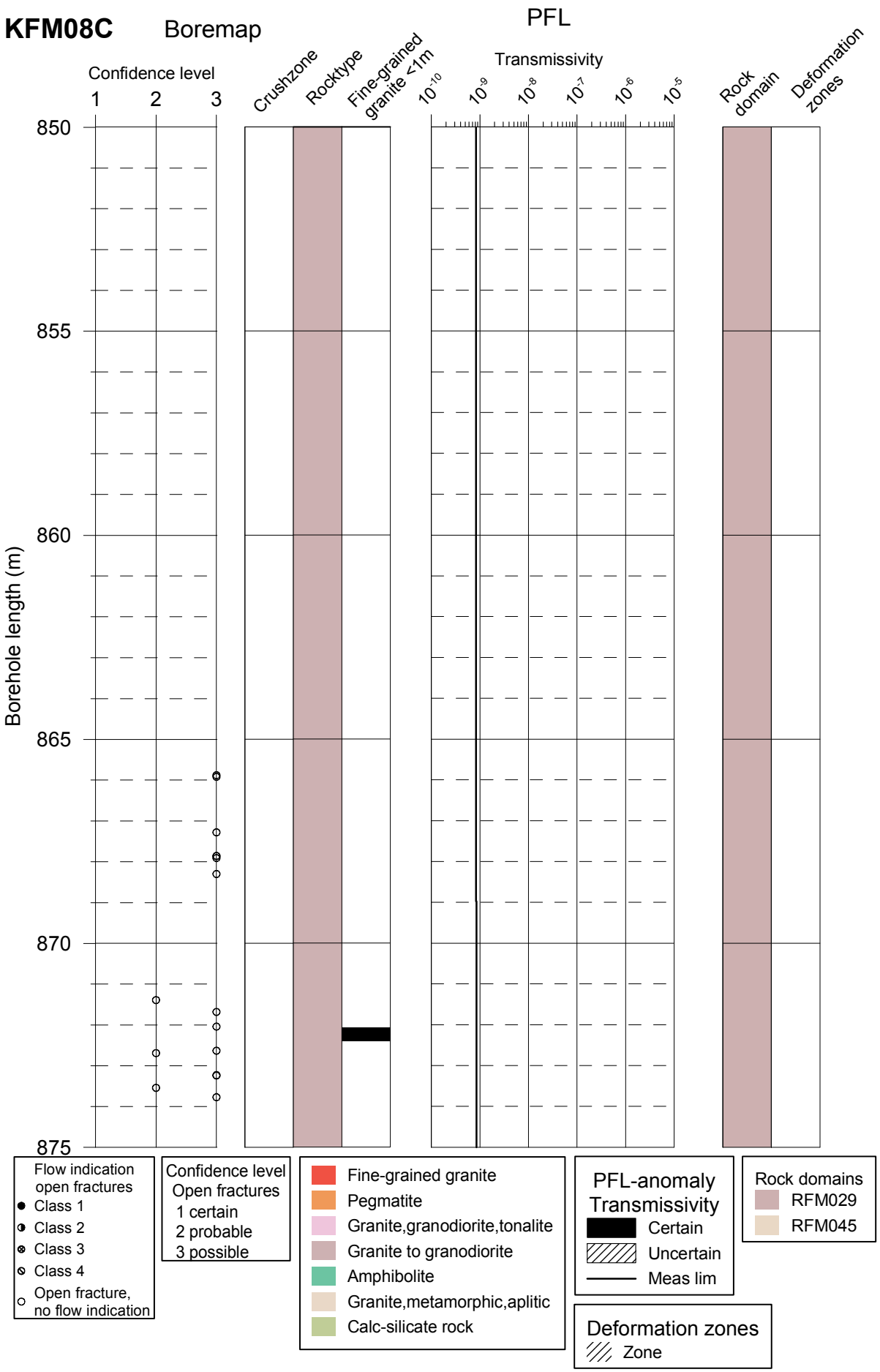

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
725
730
735
740
745
750
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

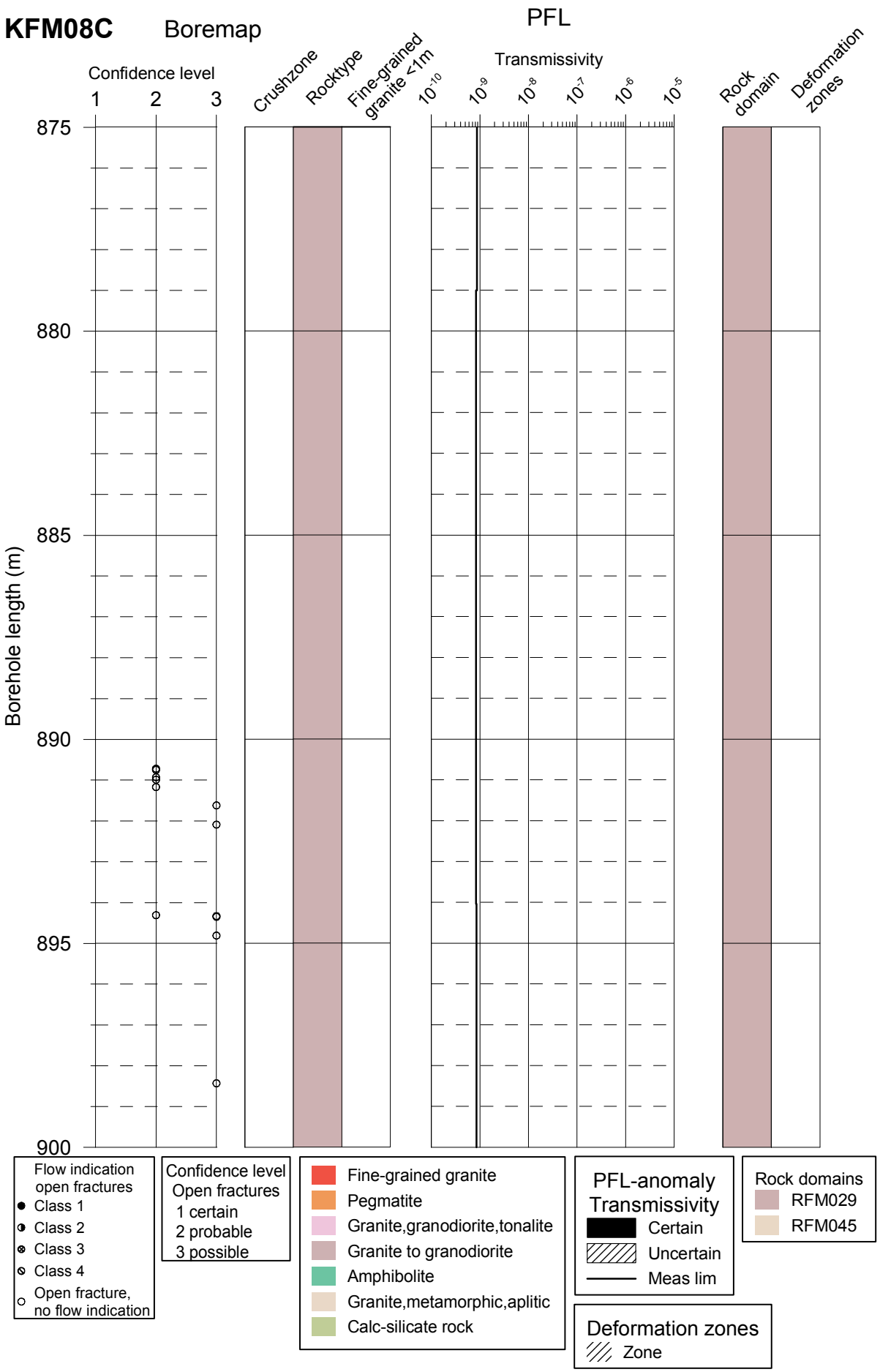

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
750
755
760
765
770
775
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

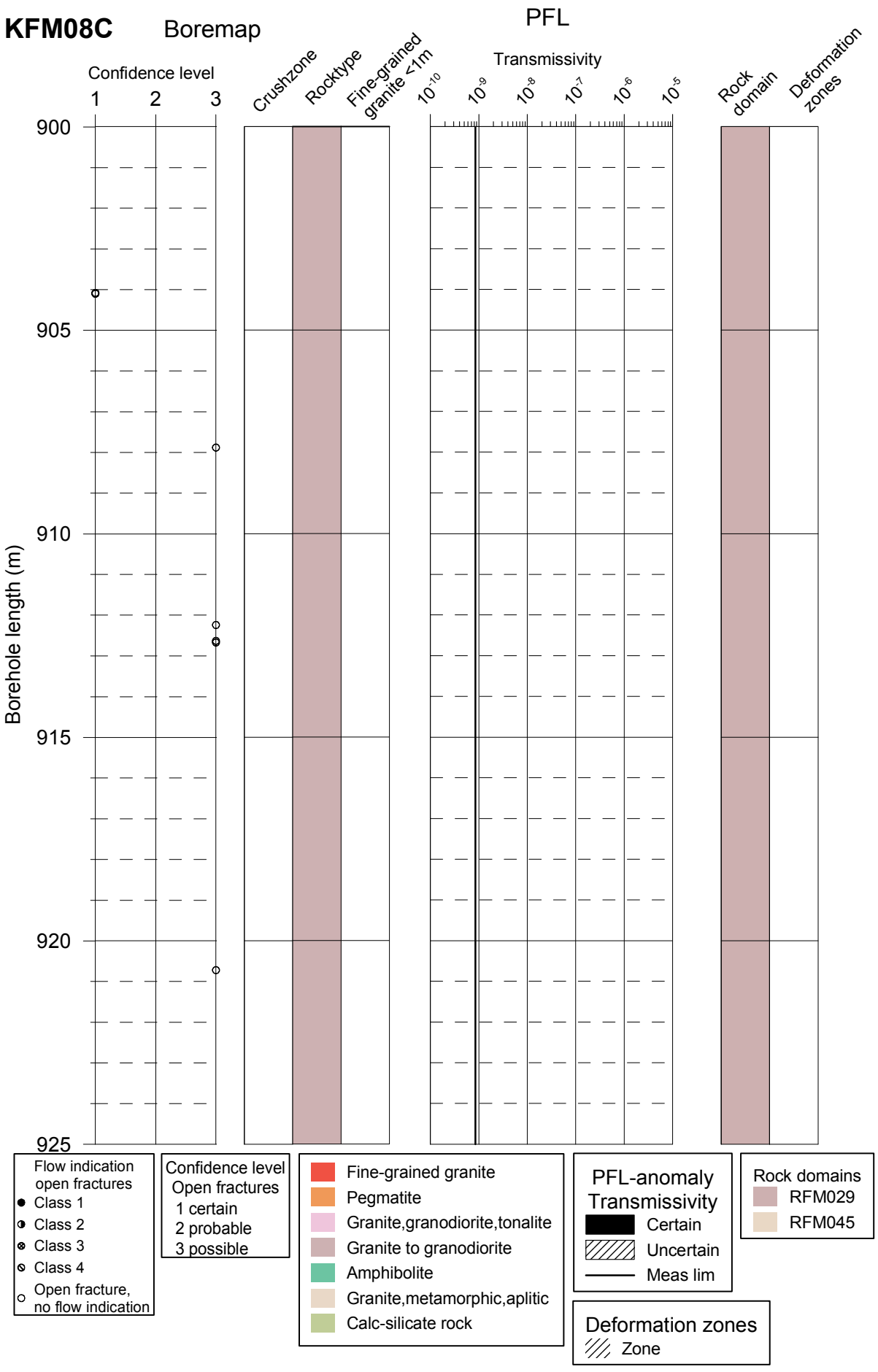

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
775
780
785
790
795
800
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

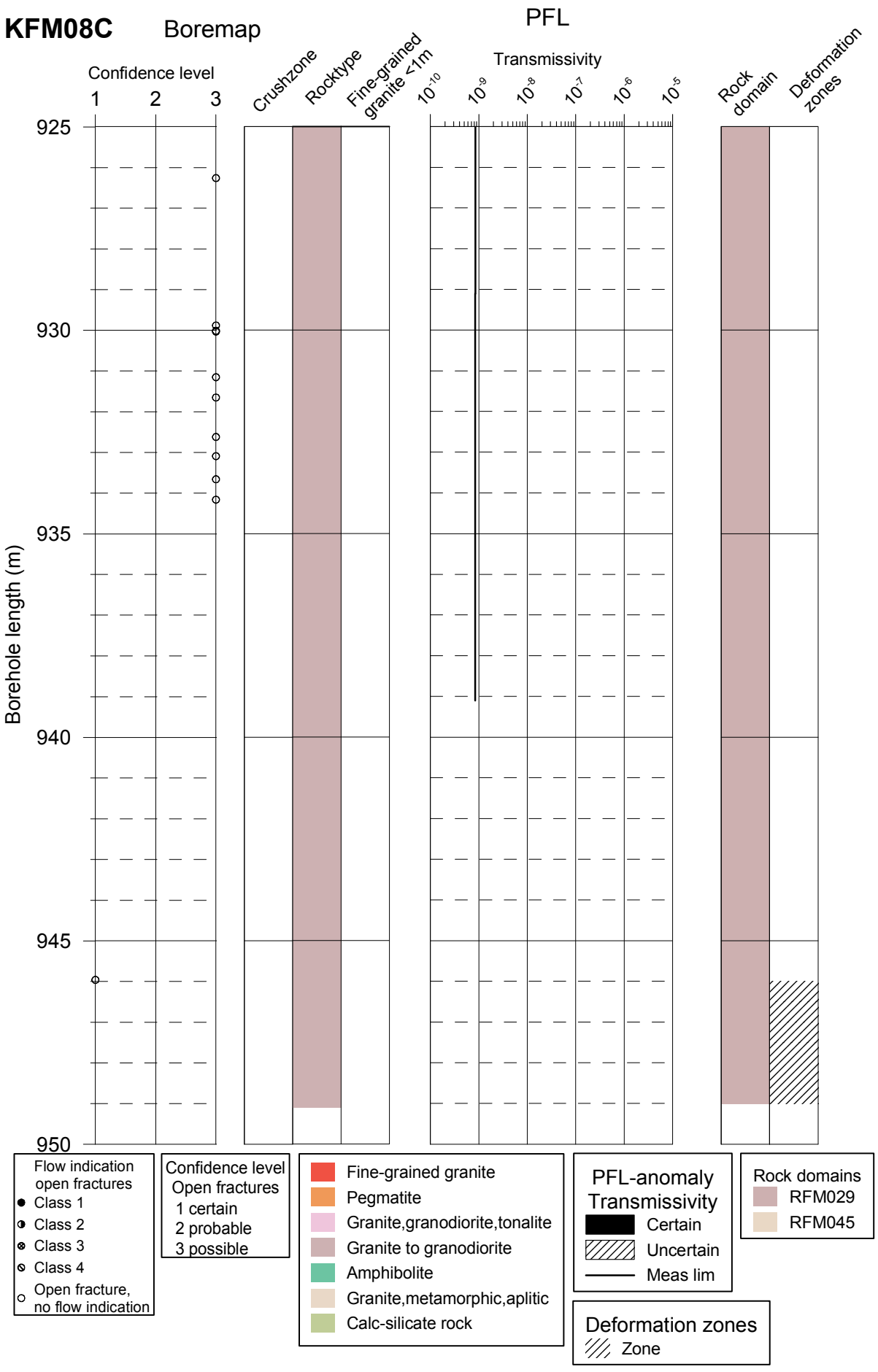

KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
800
805
810
815
820
825
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone


KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
825
830
835
840
845
850
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone


KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
850
855
860
865
870
875
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone


KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
875
880
885
890
895
900
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone


KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
Borehole length (m)
900
905
910
915
920
925
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone


KFM08C
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
Rock domain
Deformation zones
925
930
935
940
945
950
Borehole length (m)
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
Granite,metamorphic,aplitic
Calc-silicate rock
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
RFM045
Deformation zones
Zone

KFM08C

Table A4-1. KFM08C. Interpretation of PFL measurements and BOREMAP data

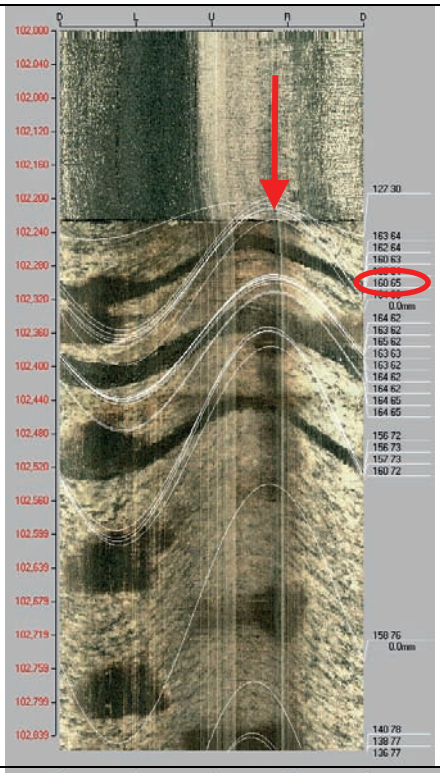
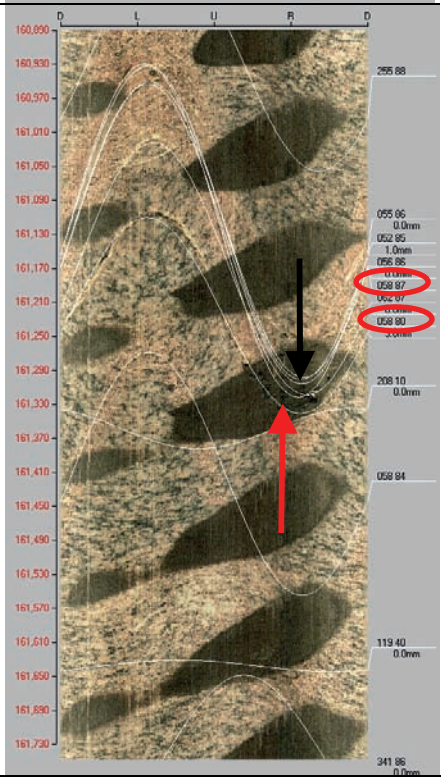
PFL anom. No	PFL anom data	Boremap data	BIPS Image
1	Bh-length (m) = 102.40 T (m^2/s) = 2.95E-6 PFL confidence= Certain	Adjusted secup (m) = 102.29 Fract_interpret / Varcode= sealed/broken fr. Frac.interp. confidence= Probable PFL-anom. confidence= 0 **Best choice**	
2a	Bh-length (m) = 161.30 T (m^2/s) = 2.77E-9 PFL confidence= Certain	Adjusted secup (m) = 161.12 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
2b		Adjusted secup (m) = 161.23 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	

Table A4-2. KFM08C. Interpretation of PFL measurements and BOREMAP data

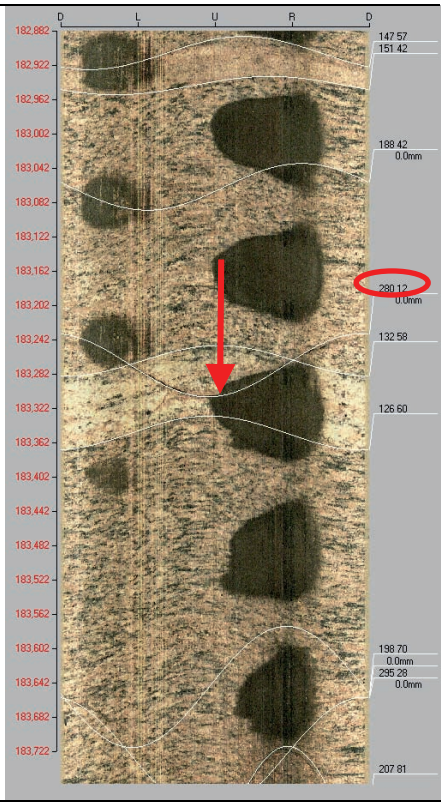
PFL anom. No	PFL anom data	Boremap data	BIPS Image
3	Bh-length (m) = 183.30 T (m^2/s) = 2.26E-9 PFL confidence= Certain	Adjusted secup (m) = 183.27 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1 **Best choice**	

Table A4-3. KFM08C. Interpretation of PFL measurements and BOREMAP data

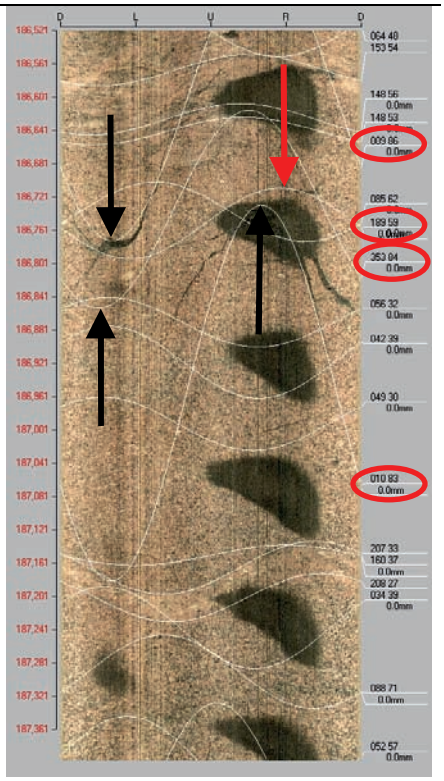
PFL anom. No	PFL anom data	Boremap data	BIPS Image
4a	Bh-length (m) = 186.90 T (m^2/s) = 4.42E-9 PFL confidence= Certain	Adjusted secup (m) = 186.60 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
4b		Adjusted secup (m) = 186.74 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1 **Best choice**	
4c		Adjusted secup (m) = 186.75 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
4d		Adjusted secup (m) = 186.96 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A4-4. KFM08C. Interpretation of PFL measurements and BOREMAP data

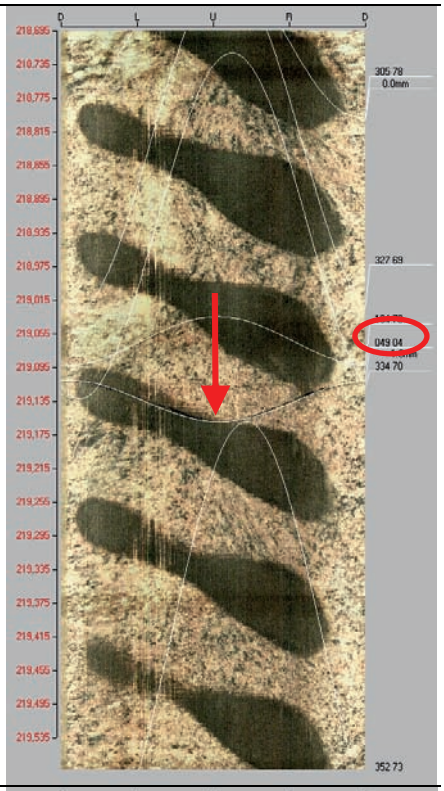
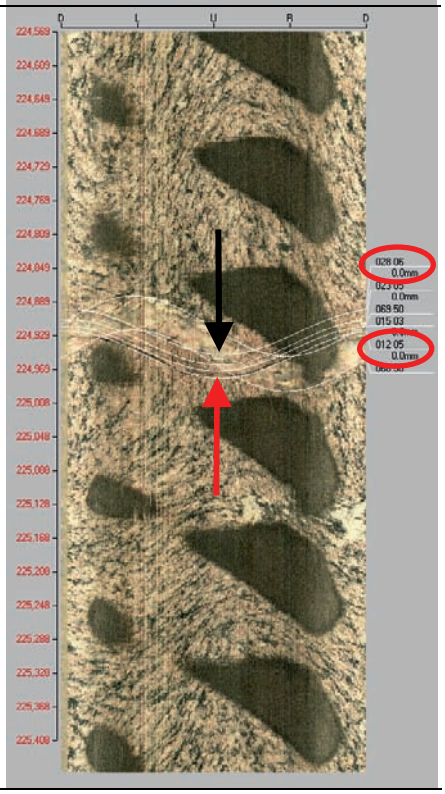
PFL anom. No	PFL anom data	Boremap data	BIPS Image
5	Bh-length (m) = 219.10 T (m^2/s) = 3.02E-9 PFL confidence= Certain	Adjusted secup (m) = 219.13 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
6a	Bh-length (m) = 225.00 T (m^2/s) = 7.72E-10 PFL confidence= Uncertain	Adjusted secup (m) = 224.92 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
6b		Adjusted secup (m) = 224.95 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1 **Best choice**	

Table A4-5. KFM08C. Interpretation of PFL measurements and BOREMAP data

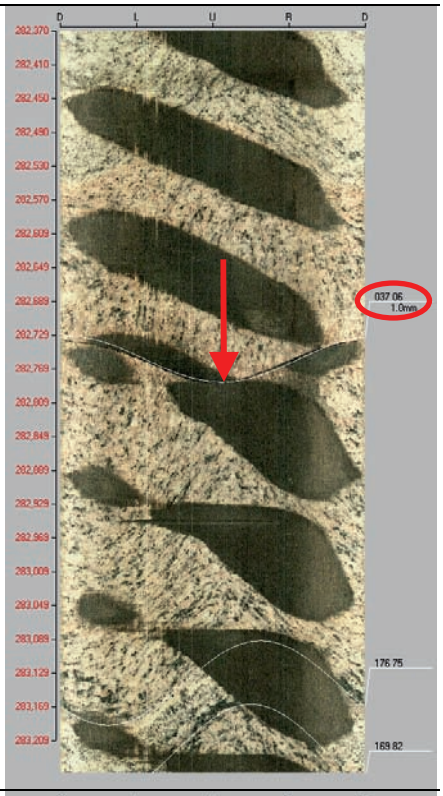
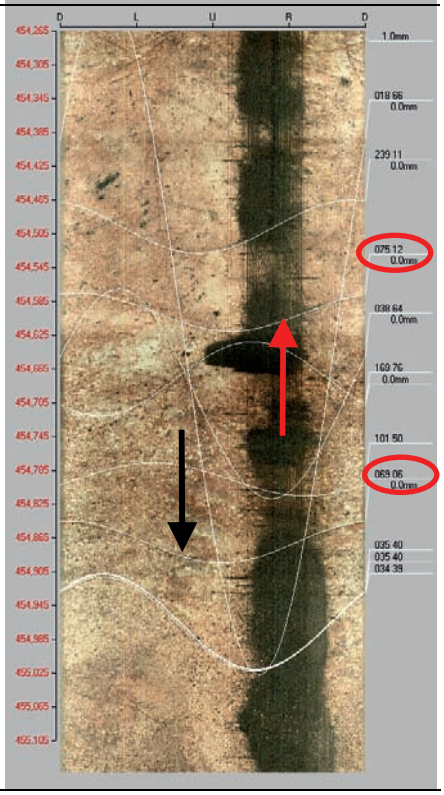
PFL anom. No	PFL anom data	Boremap data	BIPS Image
7	Bh-length (m) = 282.80 T (m^2/s) = 4.97E-9 PFL confidence= Certain	Adjusted secup (m) = 282.76 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
8a	Bh-length (m) = 454.70 T (m^2/s) = 2.90E-9 PFL confidence= Uncertain	Adjusted secup (m) = 454.60 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1 **Best choice**	
8b		Adjusted secup (m) = 454.87 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	

Table A4-6. KFM08C. Interpretation of PFL measurements and BOREMAP data

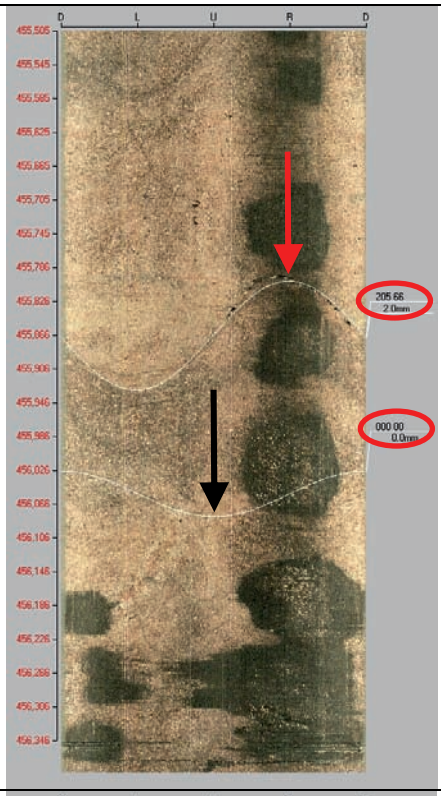
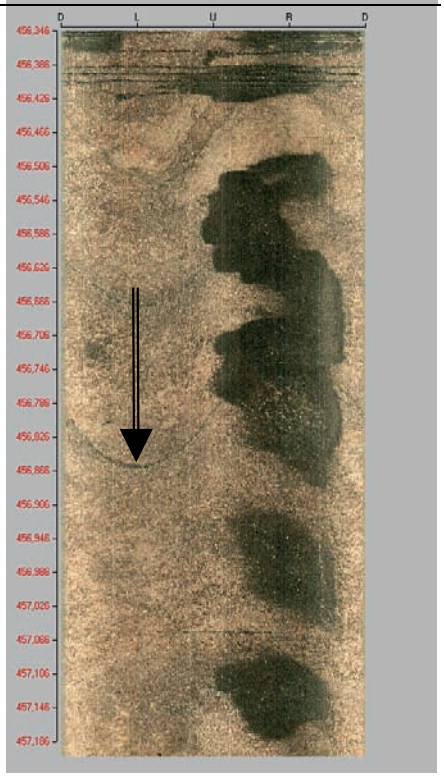
PFL anom. No	PFL anom data	Boremap data	BIPS Image
9a	Bh-length (m) = 455.90 T (m^2/s) = 4.22E-8 PFL confidence= Certain	Adjusted secup (m) = 455.87 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1 **Best choice**	
9b		Adjusted secup (m) = 456.05 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2 *Same fracture as no 10.*	
10	Bh-length (m) = 456.80 T (m^2/s) = 2.46E-8 PFL confidence= Certain	No open or sealed fracture or crush zone could be found within 0.6 m from the anomaly secup in the SICADA-Boremap file. Closest fracture is anom. 9b: Adjusted secup (m) = 456.05 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 8 *Same fracture as no 9b.* **Best choice** However, according to the BIPS picture, there seems to be a fracture at secup 456.8 m (black arrow).	

Table A4-7. KFM08C. Interpretation of PFL measurements and BOREMAP data

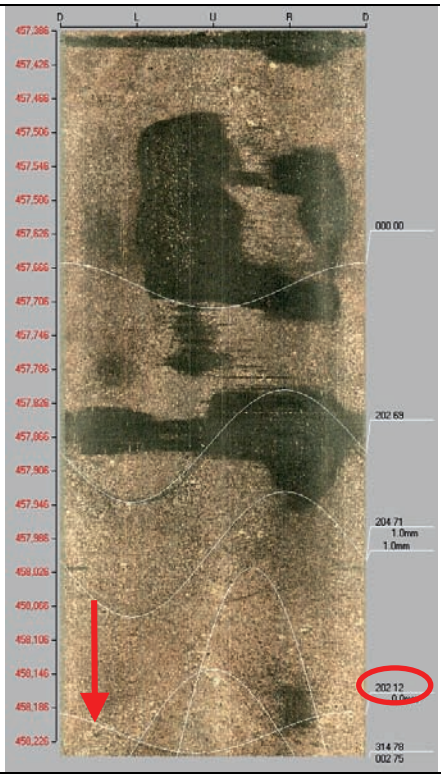
PFL anom. No	PFL anom data	Boremap data	BIPS Image
11	Bh-length (m) = 457.70 T (m^2/s) = 2.98E-9 PFL confidence= Uncertain	Adjusted secup (m) = 458.22 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 5 **Best choice**	

Table A4-8. KFM08C. Interpretation of PFL measurements and BOREMAP data

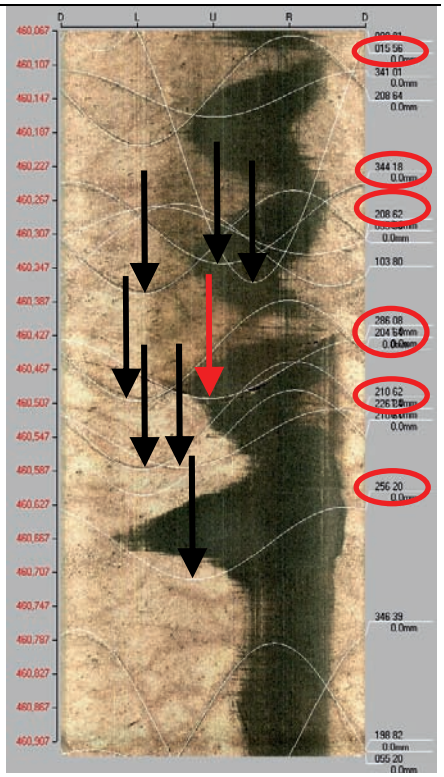
PFL anom. No	PFL anom data	Boremap data	BIPS Image
12a	Bh-length (m) = 460.50 T (m^2/s) = 4.66E-8 PFL confidence= Certain	Adjusted secup (m) = 460.19 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
12b		Adjusted secup (m) = 460.29 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
12c		Adjusted secup (m) = 460.32 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
12d		Adjusted secup (m) = 460.44 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
12e		Adjusted secup (m) = 460.47 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	

Table A4-8. Contin. KFM08C.

PFL anom. No	PFL anom data	Boremap data	BIPS Image
12f		Adjusted secup (m) = 460.52 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
12g		Adjusted secup (m) = 460.55 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
12h		Adjusted secup (m) = 460.67 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	

Table A4-9. KFM08C. Interpretation of PFL measurements and BOREMAP data

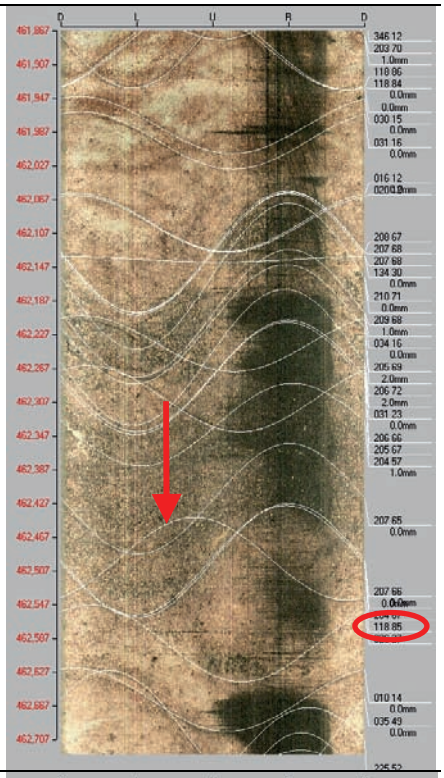
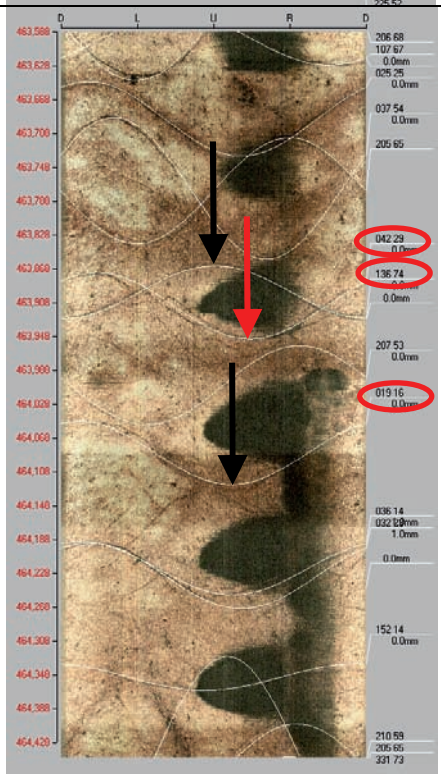
PFL anom. No	PFL anom data	Boremap data	BIPS Image
13	Bh-length (m) = 462.30 T (m^2/s) = 9.30E-9 PFL confidence= Certain	Adjusted secup (m) = 462.49 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2 **Best choice**	
14a	Bh-length (m) = 464.00 T (m2/s) = 7.03E-9 PFL confidence= Certain	Adjusted secup (m) = 463.90 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
14b		Adjusted secup (m) = 463.91 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1 **Best choice**	
14c		Adjusted secup (m) = 463.91 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	

Table A4-10. KFM08C. Interpretation of PFL measurements and BOREMAP data

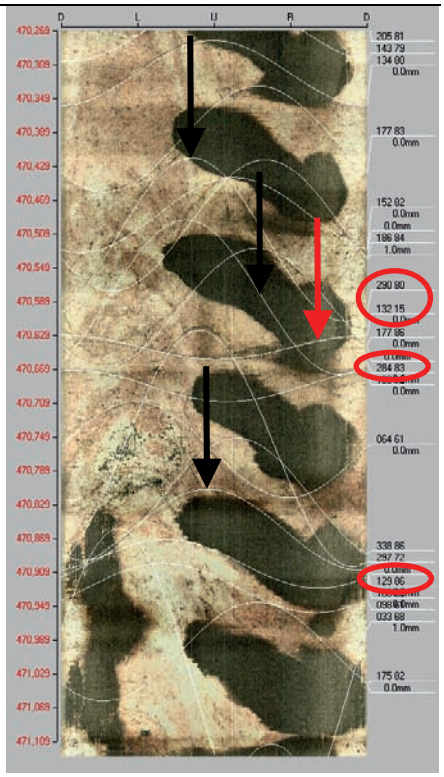
PFL anom. No	PFL anom data	Boremap data	BIPS Image
15a	Bh-length (m) = 470.70 T (m^2/s) = 7.51E-10 PFL confidence= Uncertain	Adjusted secup (m) = 470.52 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
15b		Adjusted secup (m) = 470.58 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
15c		Adjusted secup (m) = 470.64 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1 **Best choice**	
15d		Adjusted secup (m) = 470.86 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	

Table A4-11. KFM08C. Interpretation of PFL measurements and BOREMAP data

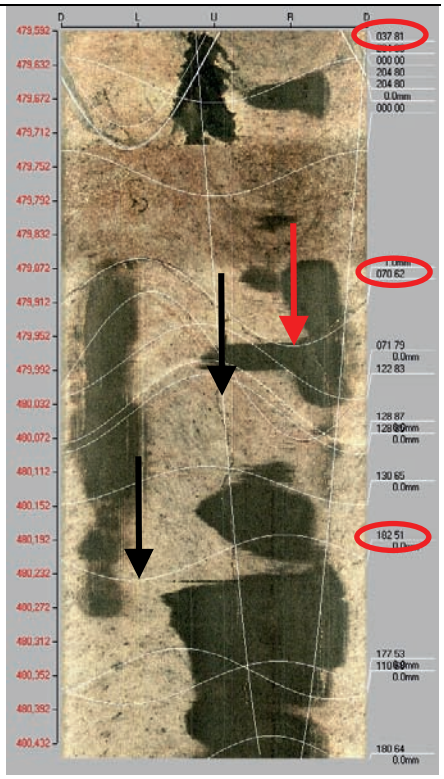
PFL anom. No	PFL anom data	Boremap data	BIPS Image
16a	Bh-length (m) = 480.00 T (m2/s) = 2.10E-8 PFL confidence= Certain	Adjusted secup (m) = 479.74 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
16b		Adjusted secup (m) = 479.91 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
16c		Adjusted secup (m) = 480.21 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	

Table A4-12. KFM08C. Interpretation of PFL measurements and BOREMAP data

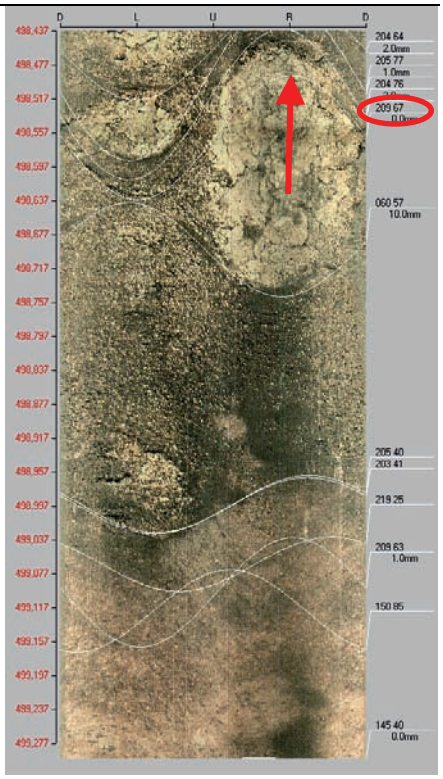
PFL anom. No	PFL anom data	Boremap data	BIPS Image
17a	Bh-length (m) = 499.00 T (m2/s) = 1.13E-8 PFL confidence= Certain	Adjusted secup (m) = 498.56 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 4 **Best choice**	

Table A4-13. KFM08C. Interpretation of PFL measurements and BOREMAP data

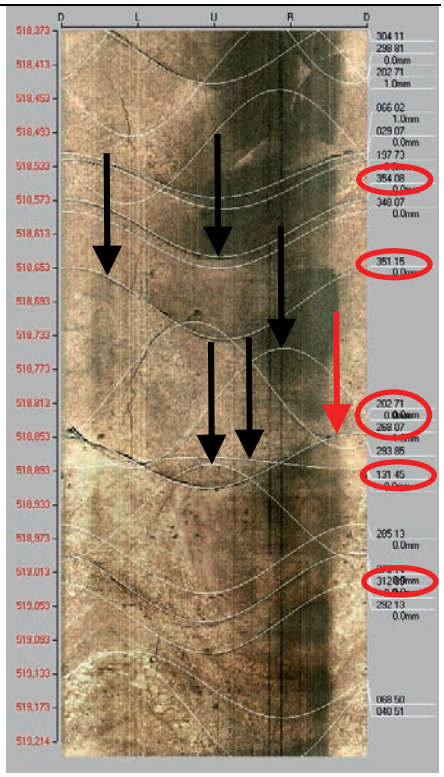
PFL anom. No	PFL anom data	Boremap data	BIPS Image
18a	Bh-length (m) = 518.80 T (m2/s) = 1.94E-9 PFL confidence= Uncertain	Adjusted secup (m) = 518.61 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
18b		Adjusted secup (m) = 518.70 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
18c		Adjusted secup (m) = 518.82 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
18d		Adjusted secup (m) = 518.88 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1 **Best choice**	
18e		Adjusted secup (m) = 518.88 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	

Table A4-13. Contin. KFM08C.

PFL anom. No	PFL anom data	Boremap data	BIPS Image
18f		Adjusted secup (m) = 518.93 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= (Data found in SICADA-Boremap file but not visualised with BDT file.)	
18g		Adjusted secup (m) = 518.94 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A4-14. KFM08C. Interpretation of PFL measurements and BOREMAP data

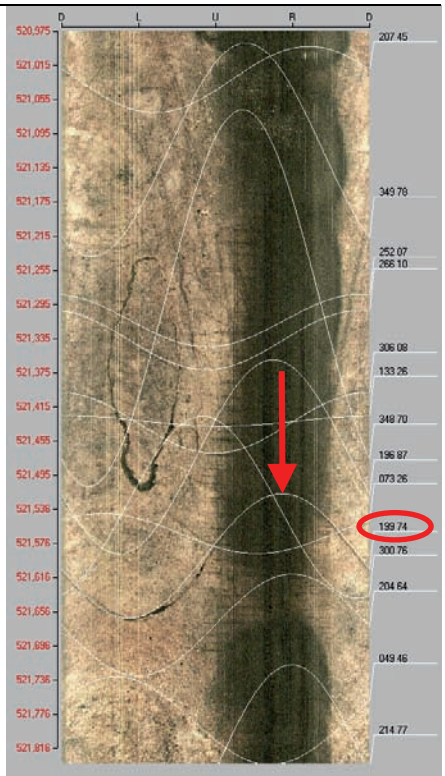
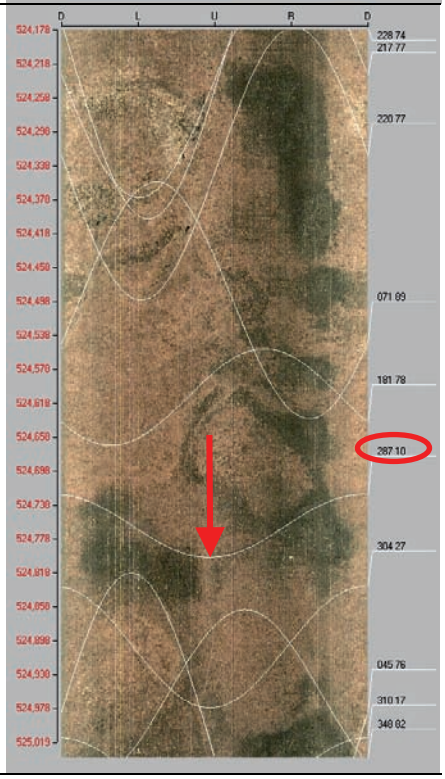
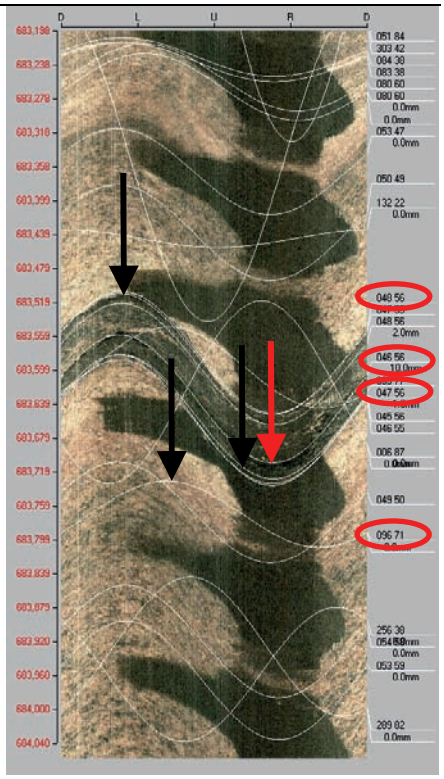
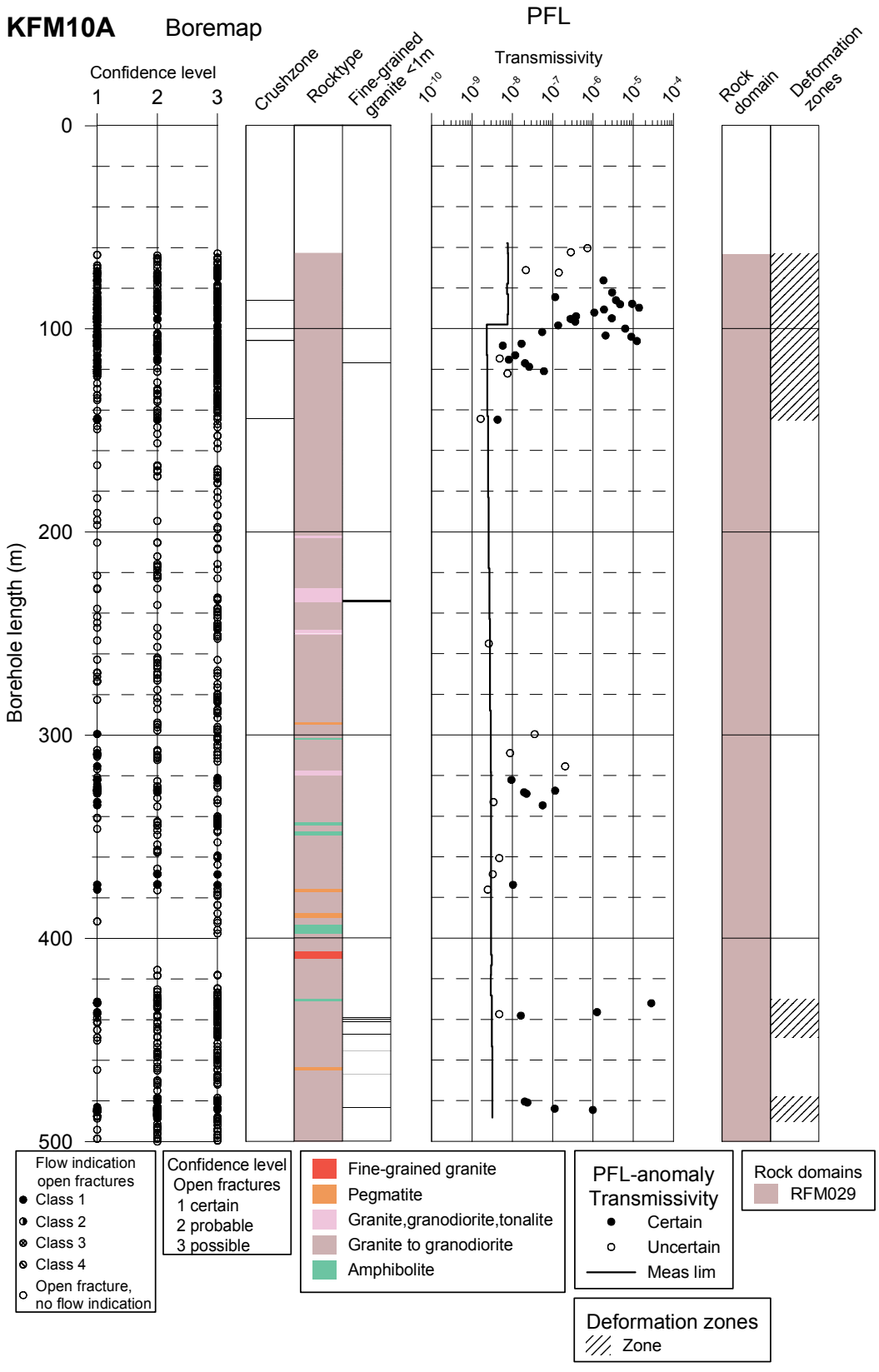
PFL anom. No	PFL anom data	Boremap data	BIPS Image
19	Bh-length (m) = 521.40 T (m2/s) = 3.42E-9 PFL confidence= Uncertain	Adjusted secup (m) = 521.59 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2 **Best choice**	
20	Bh-length (m) = 524.60 T (m2/s) = 2.25E-9 PFL confidence= Uncertain	Adjusted secup (m) = 524.76 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2 **Best choice**	

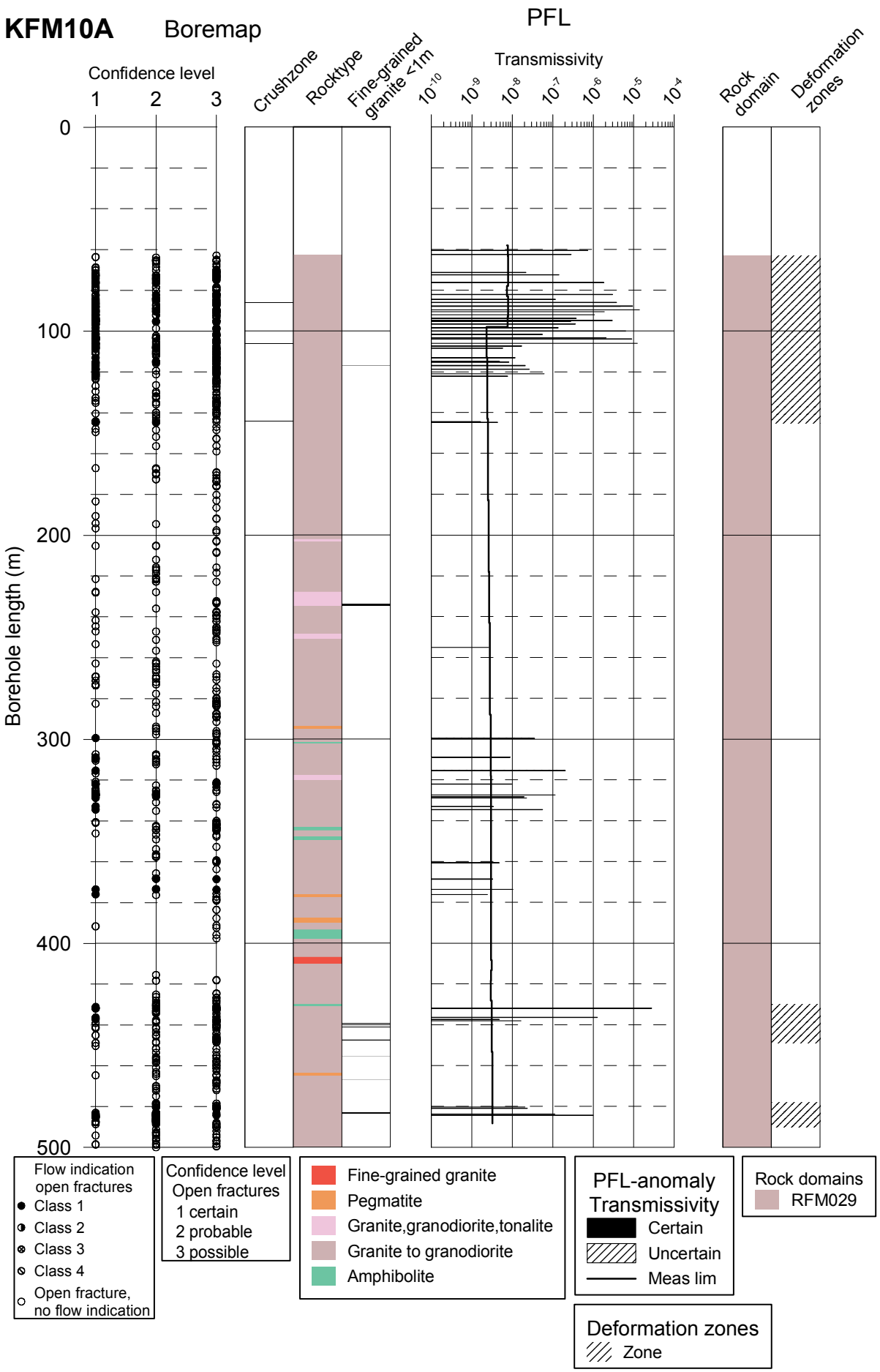
Table A4-15. KFM08C. Interpretation of PFL measurements and BOREMAP data

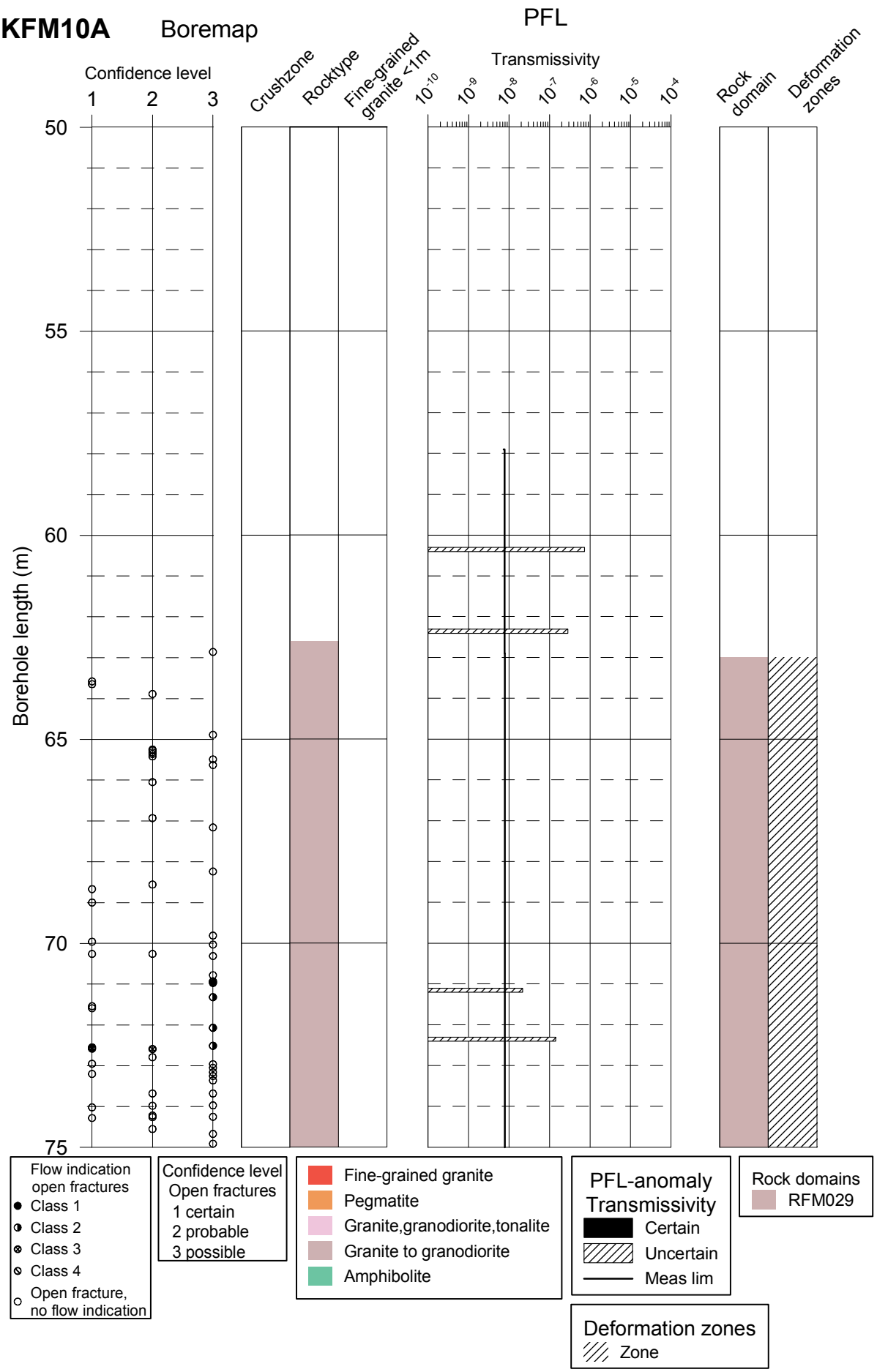
PFL anom. No	PFL anom data	Boremap data	BIPS Image
21a	Bh-length (m) = 683.60 T (m2/s) = 2.61E-9 PFL confidence= Certain	Adjusted secup (m) = 683.59 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
21b		Adjusted secup (m) = 683.63 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
21c		Adjusted secup (m) = 683.65 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
21d		Adjusted secup (m) = 683.77 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	

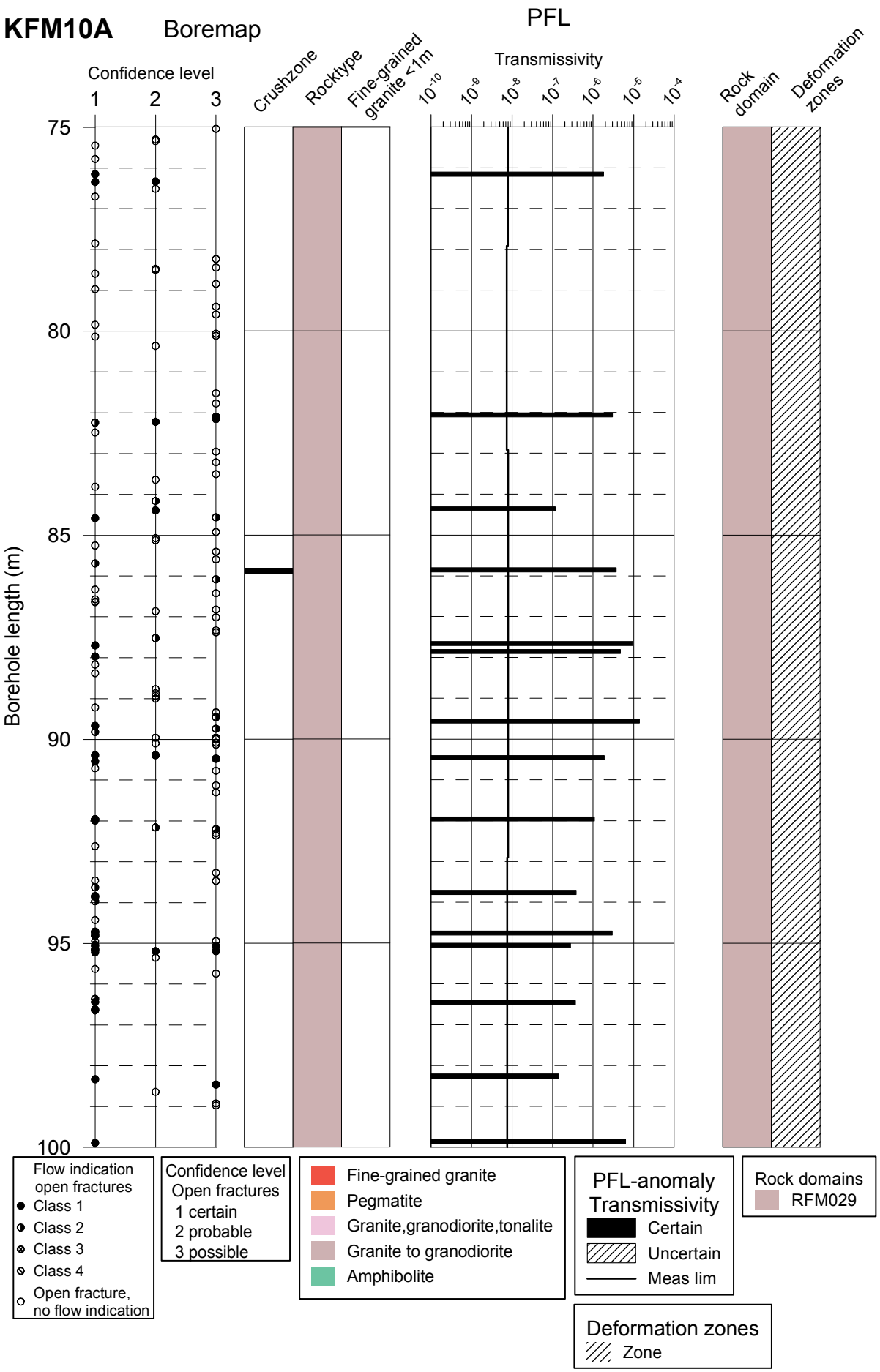
KFM10A

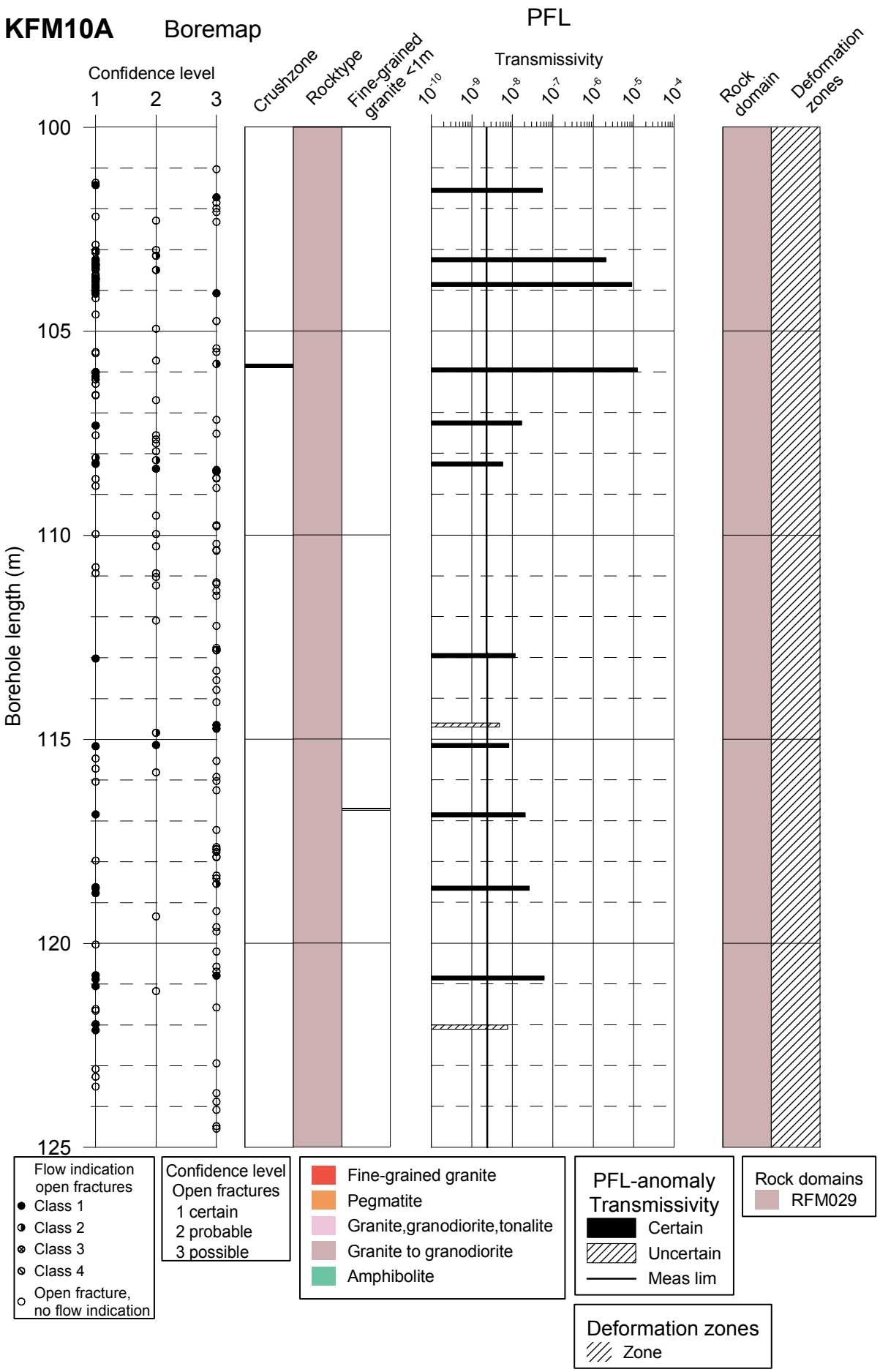
This appendix presents Flow log anomalies related to the Core mapped features for every 25 meters of the borehole KFM10A. BIPS images of the PFL anomalies are also presented.

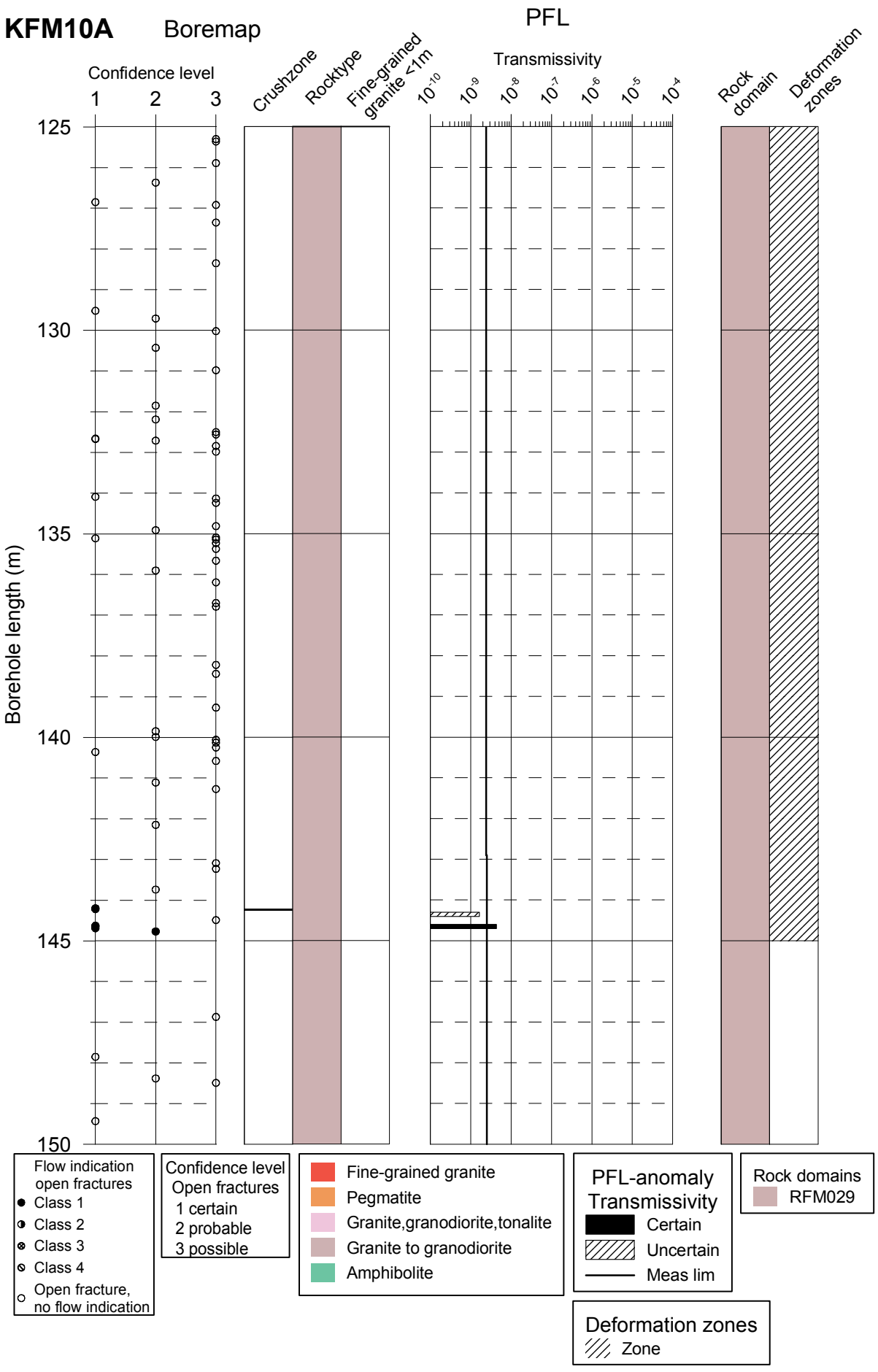


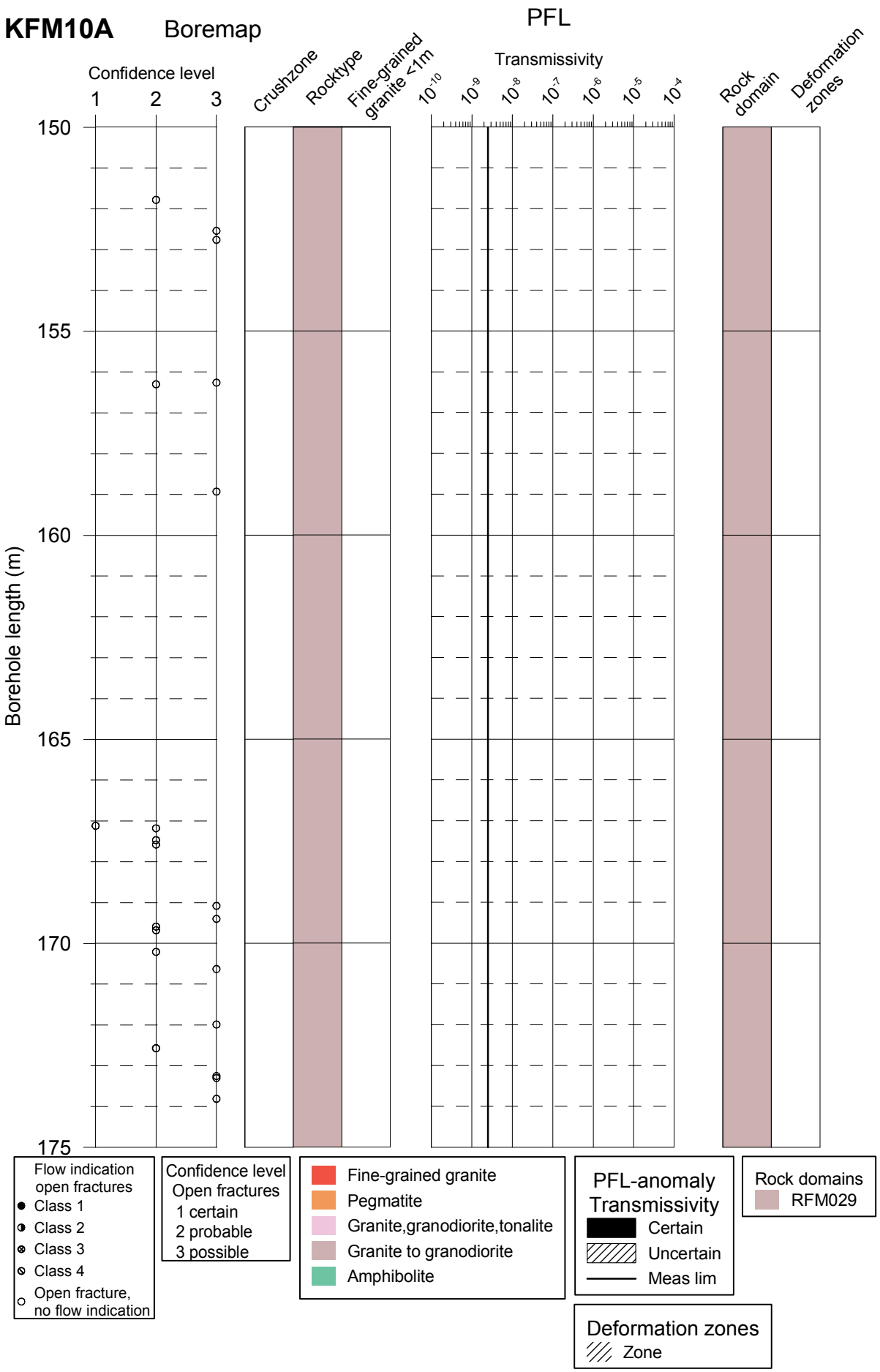

KFM10A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
0
100
200
300
400
500
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

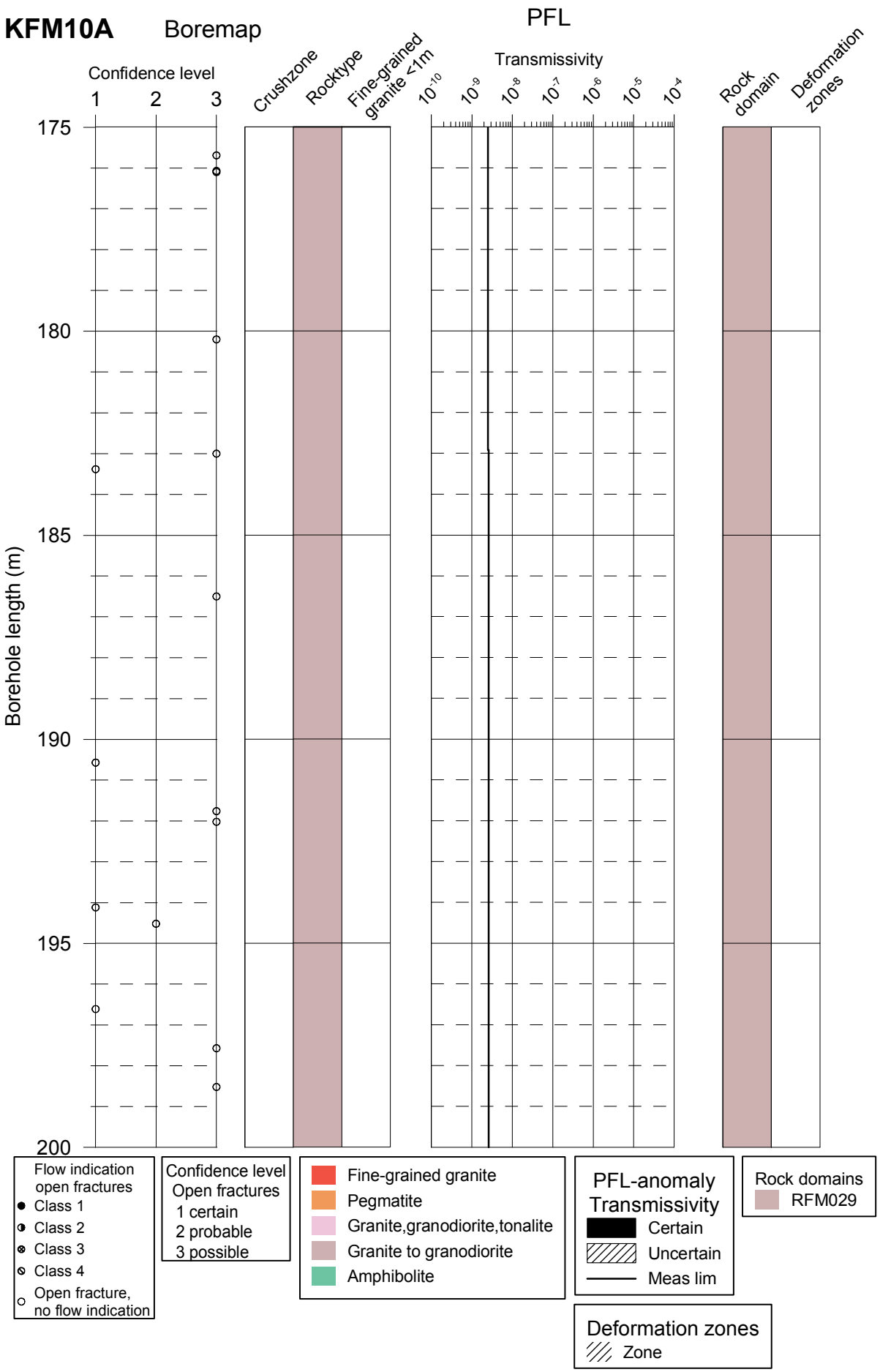

KFM10A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
50
55
60
65
70
75
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

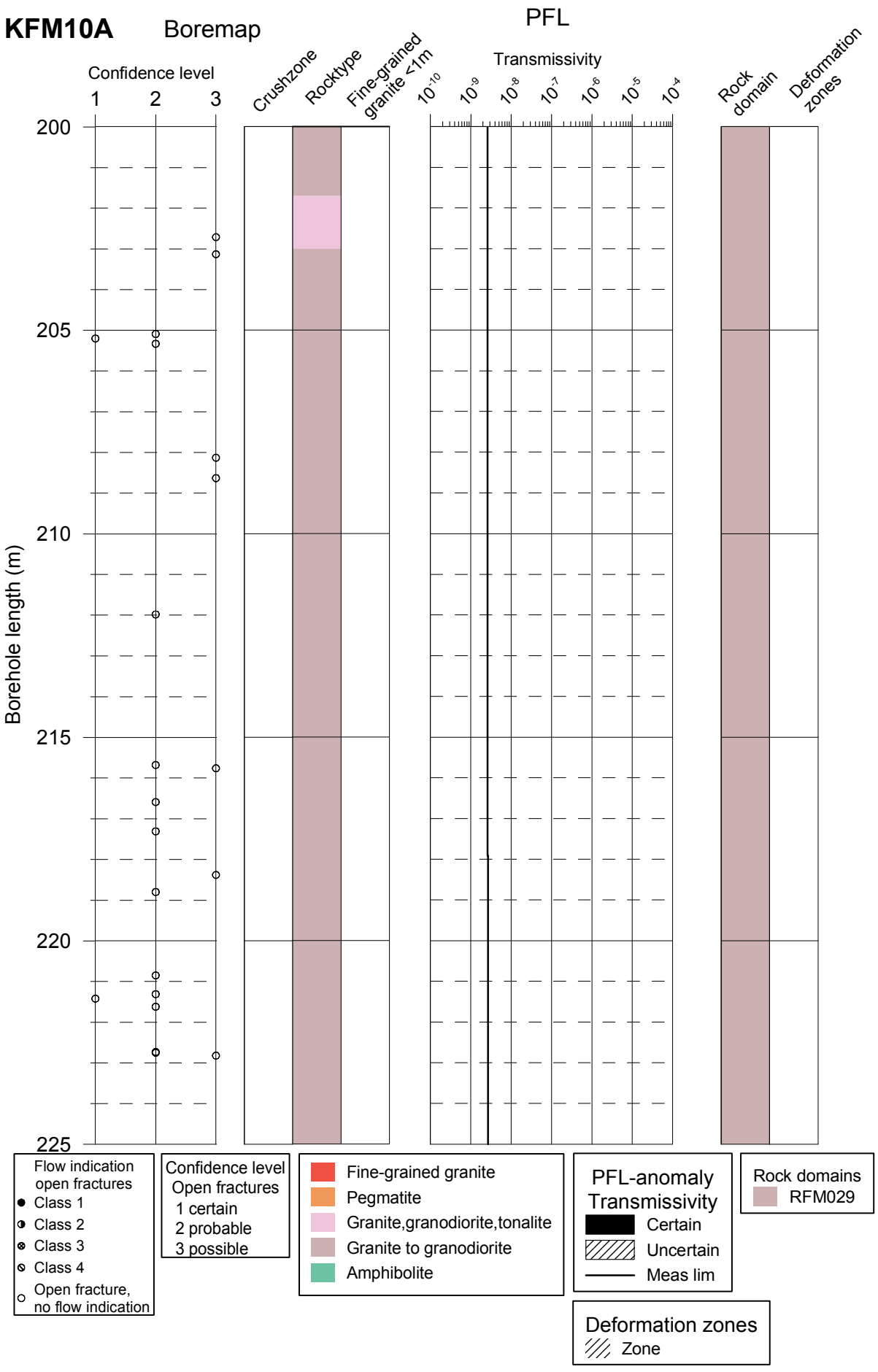

KFM10A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10^{-10}
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
Rock domain
Deformation zones
Borehole length (m)
75
80
85
90
95
100
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

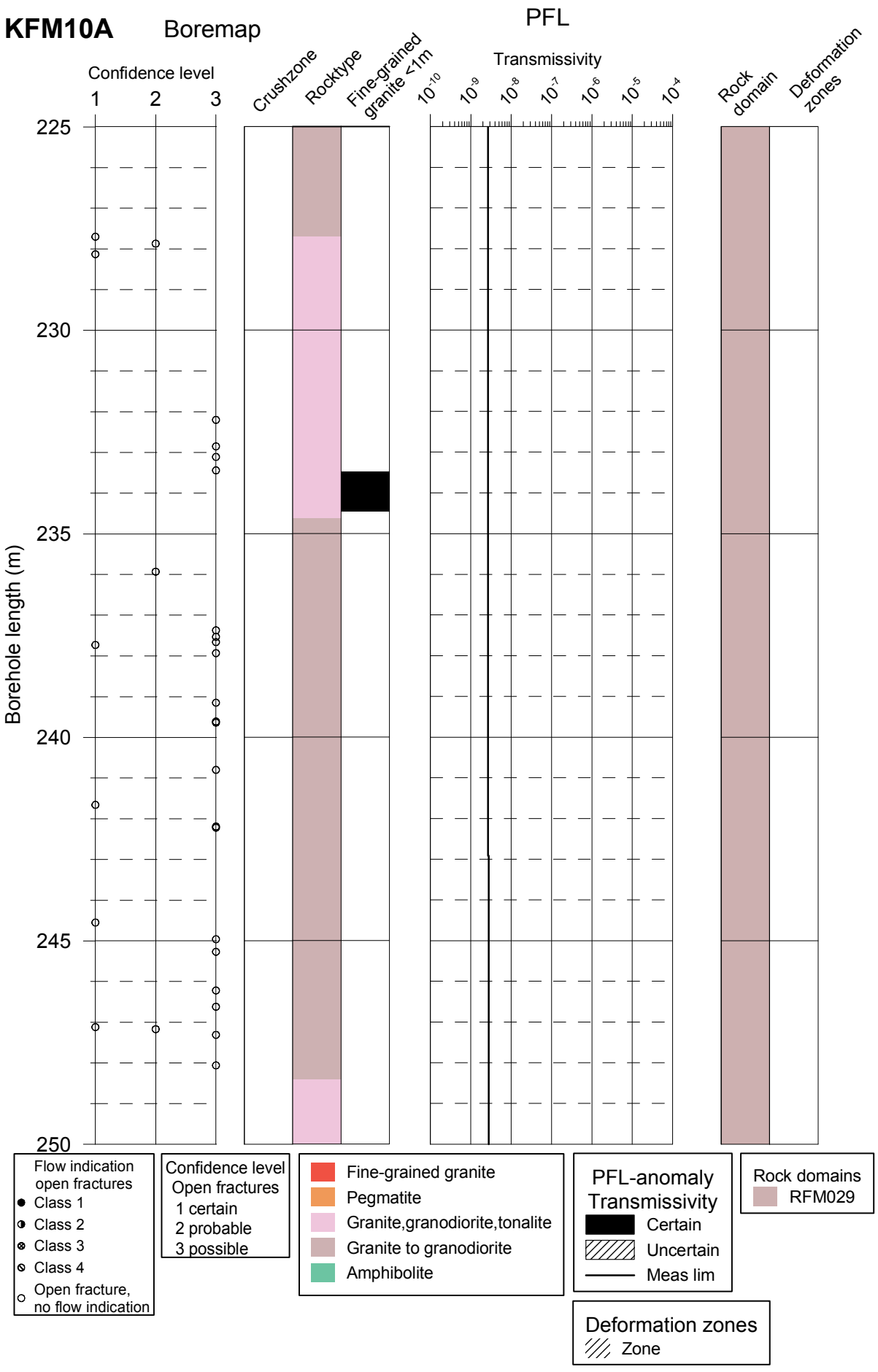

KFM10A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
100
105
110
115
120
125
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

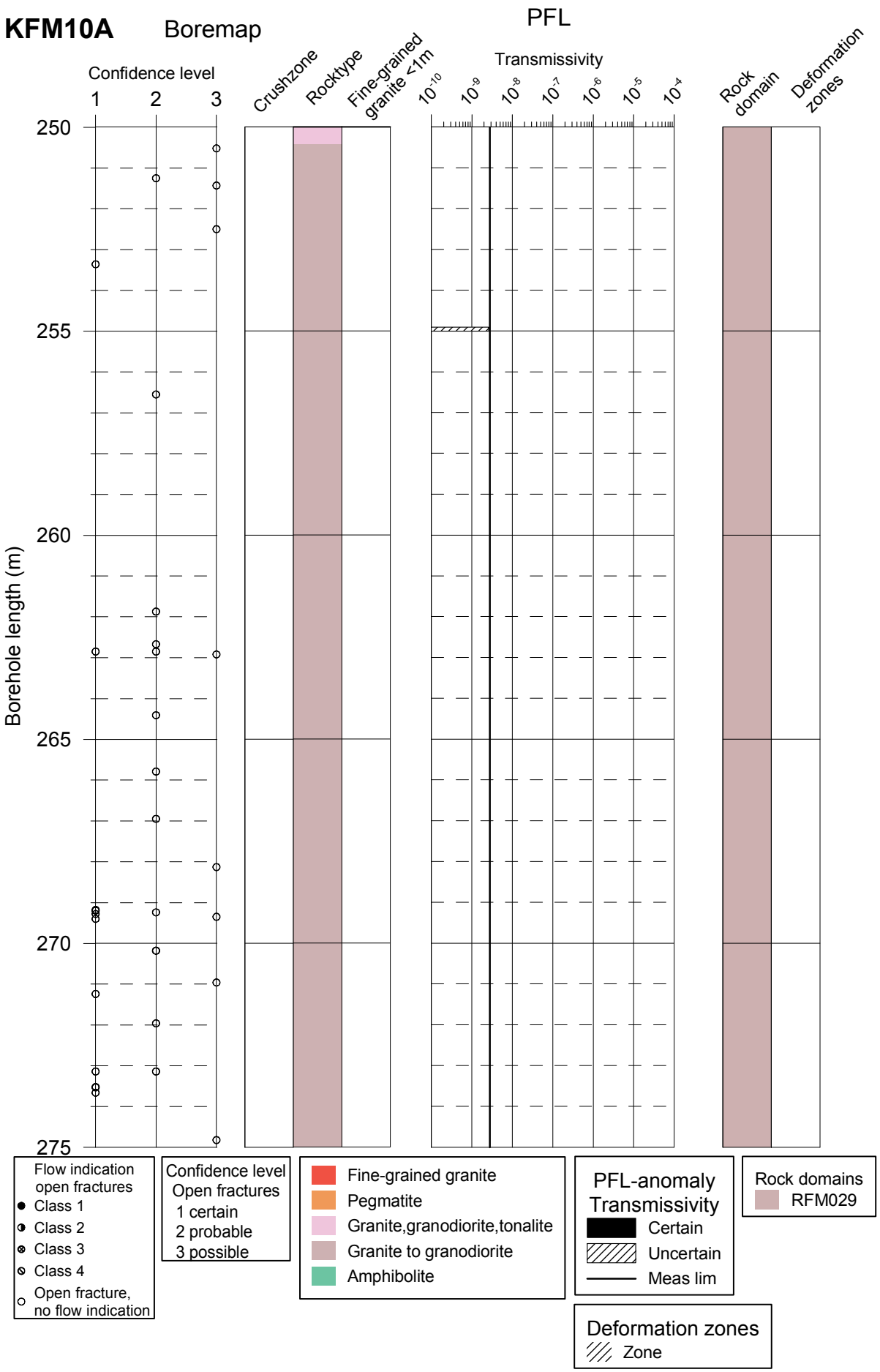

KFM10A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
125
130
135
140
145
150
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

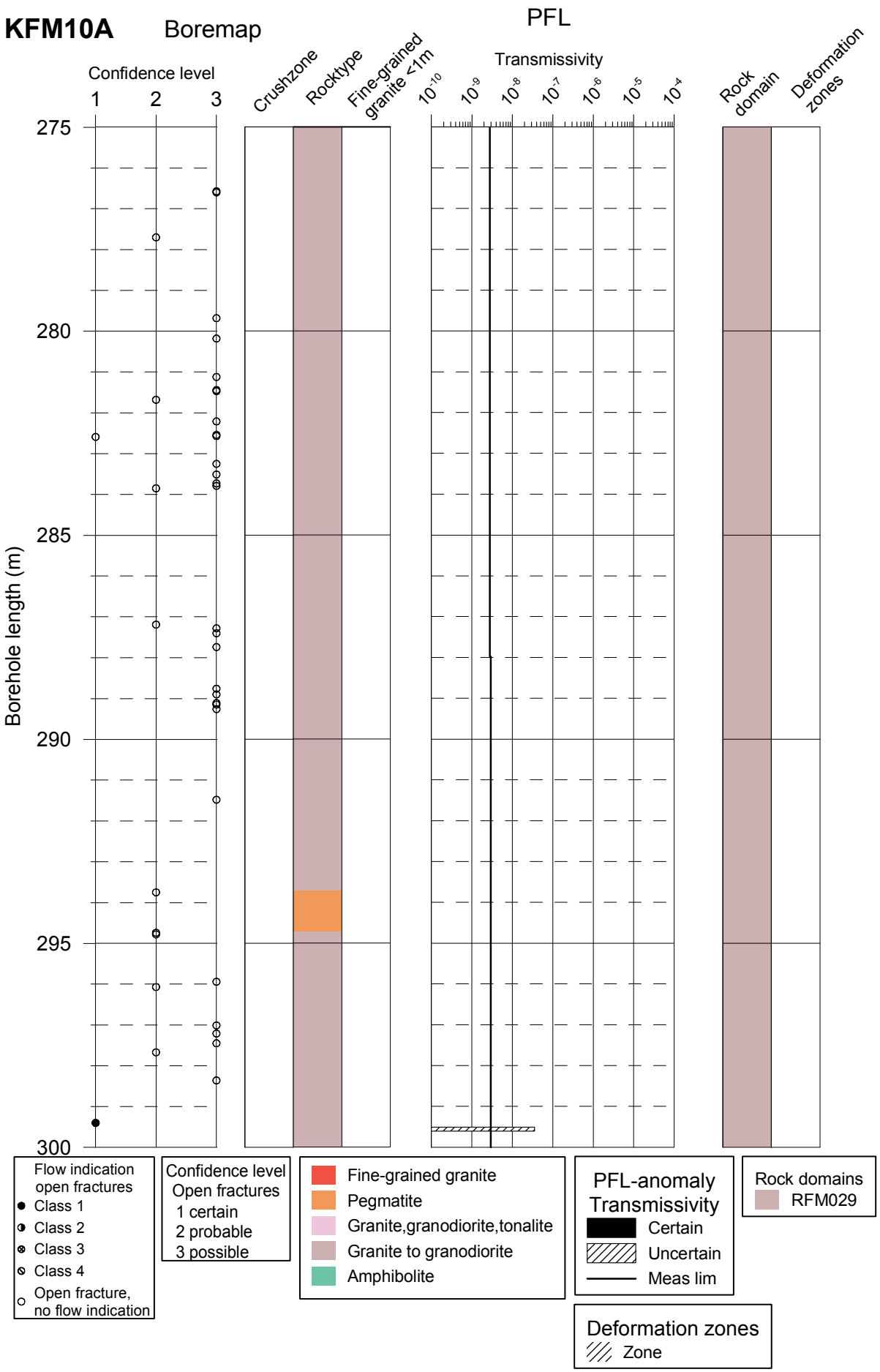

KFM10A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
150
155
160
165
170
175
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

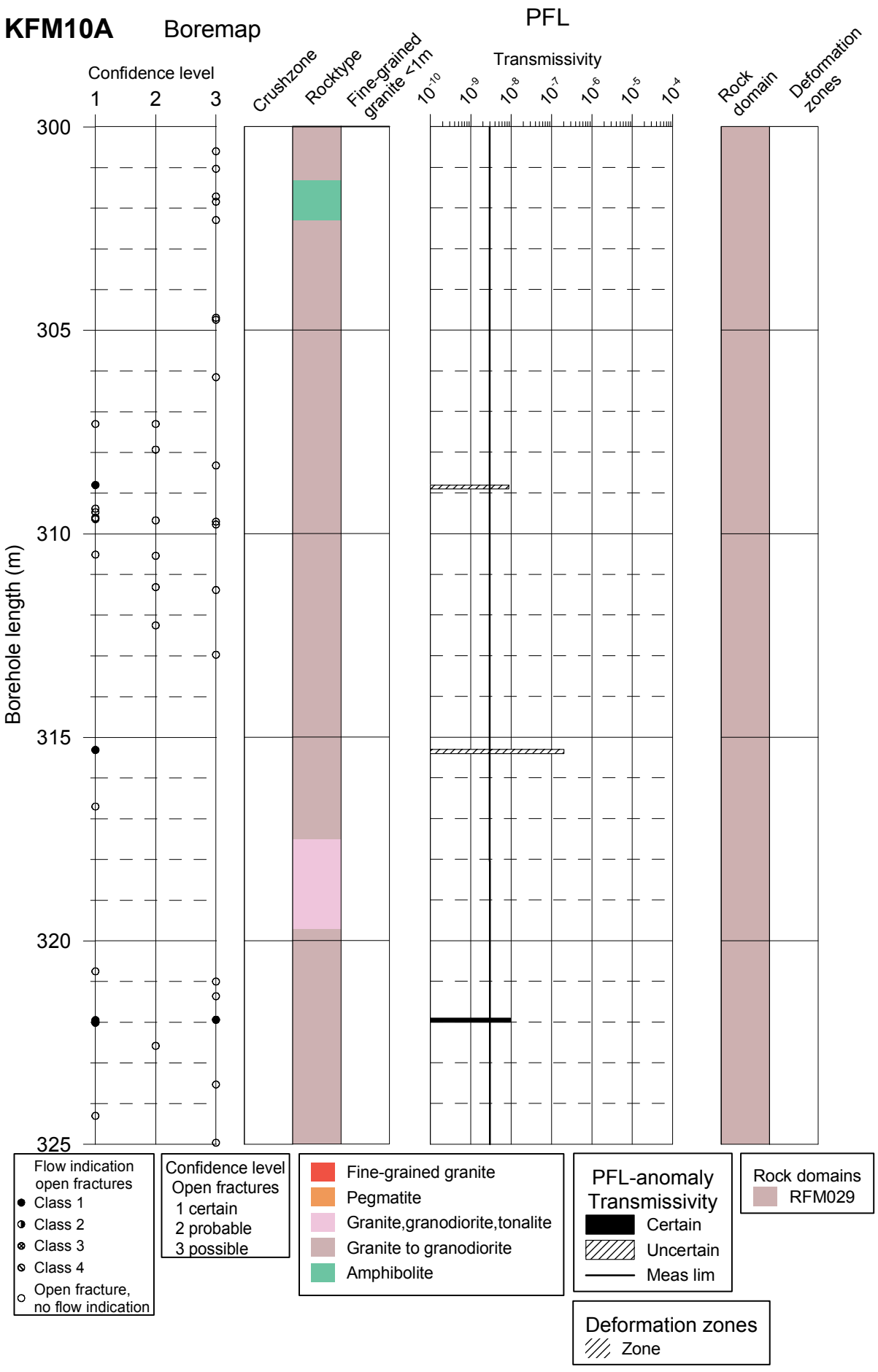

KFM10A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
175
180
185
190
195
200
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

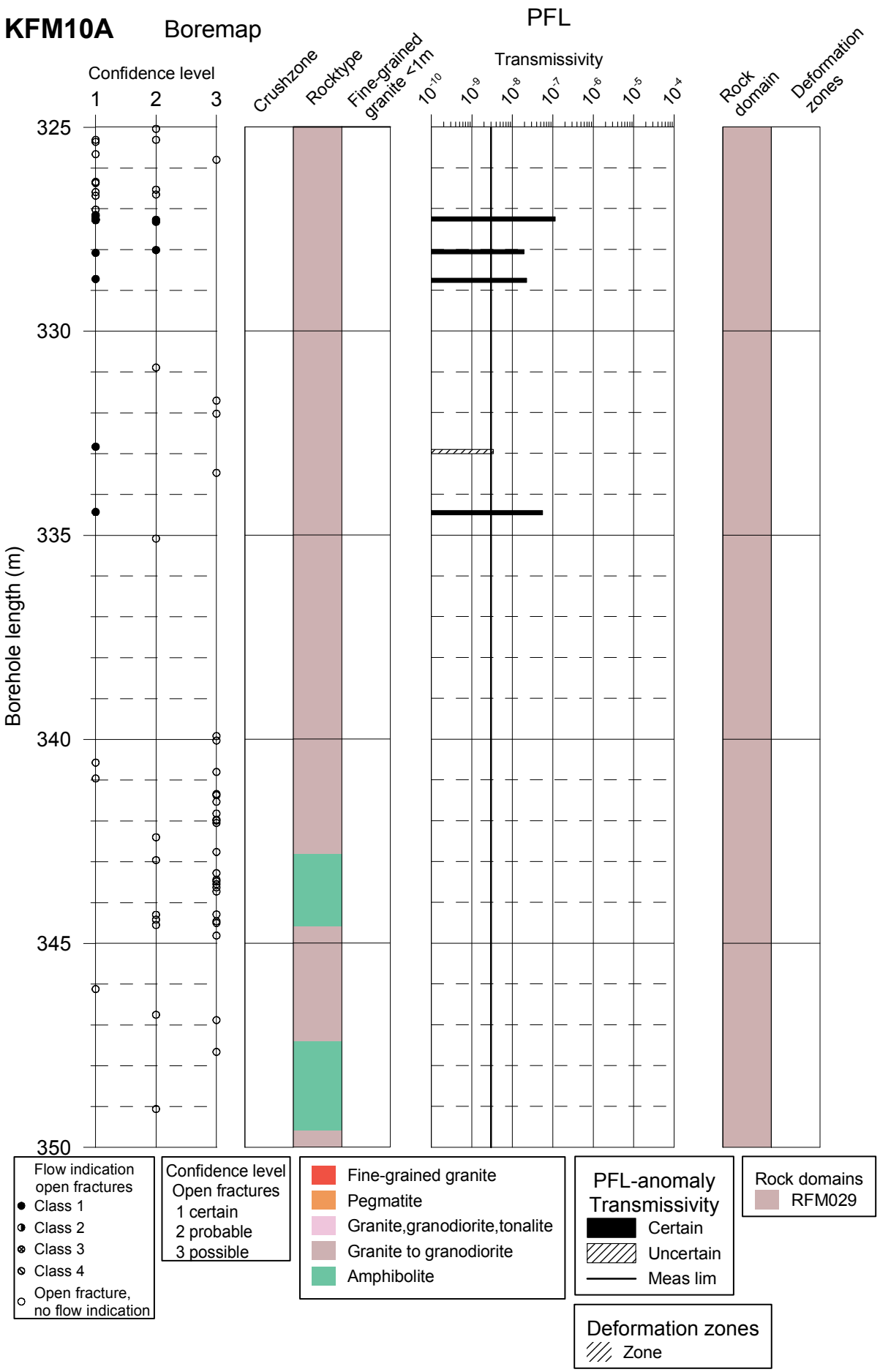

KFM10A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
200
205
210
215
220
225
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

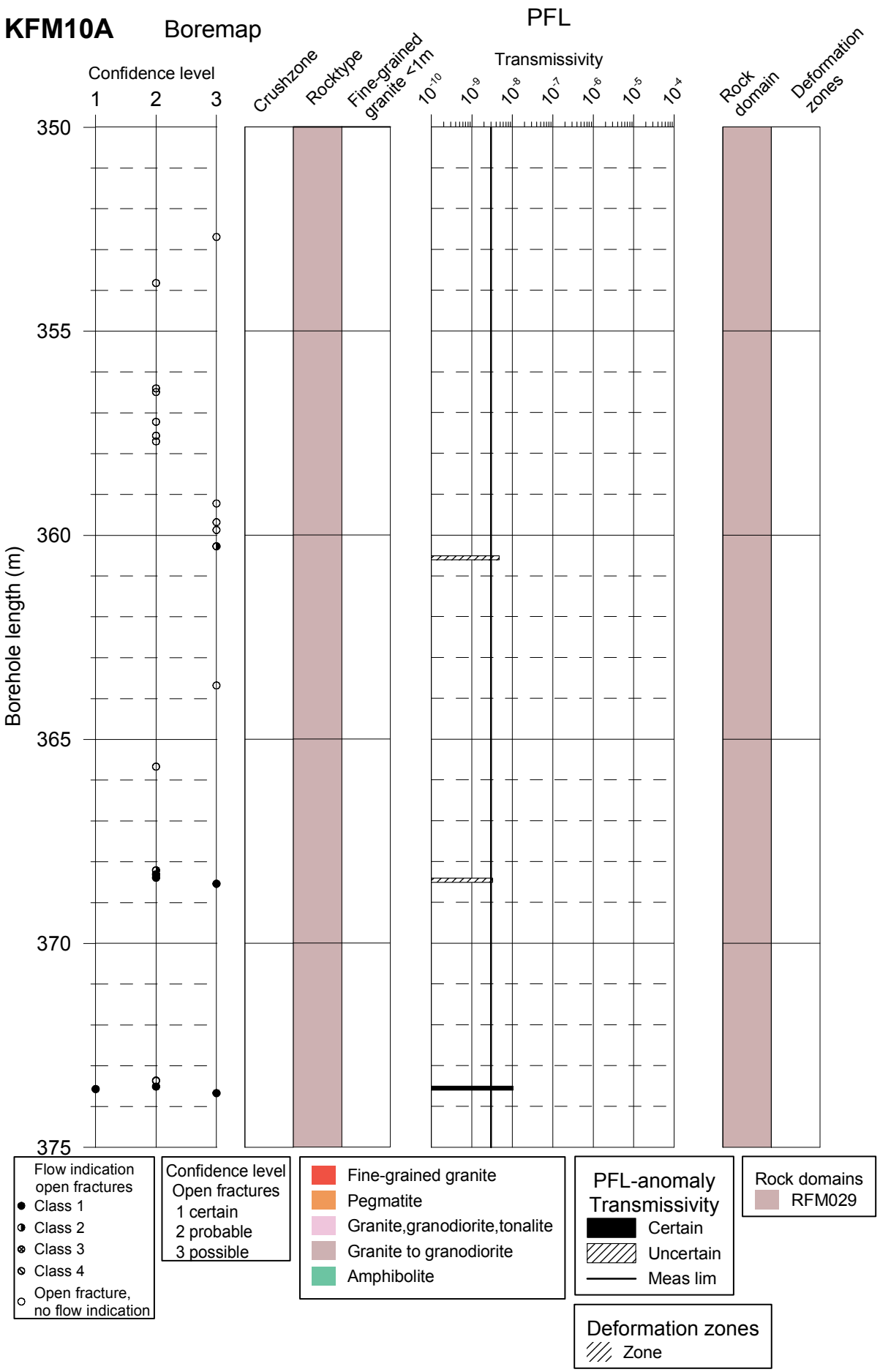

KFM10A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
225
230
235
240
245
250
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

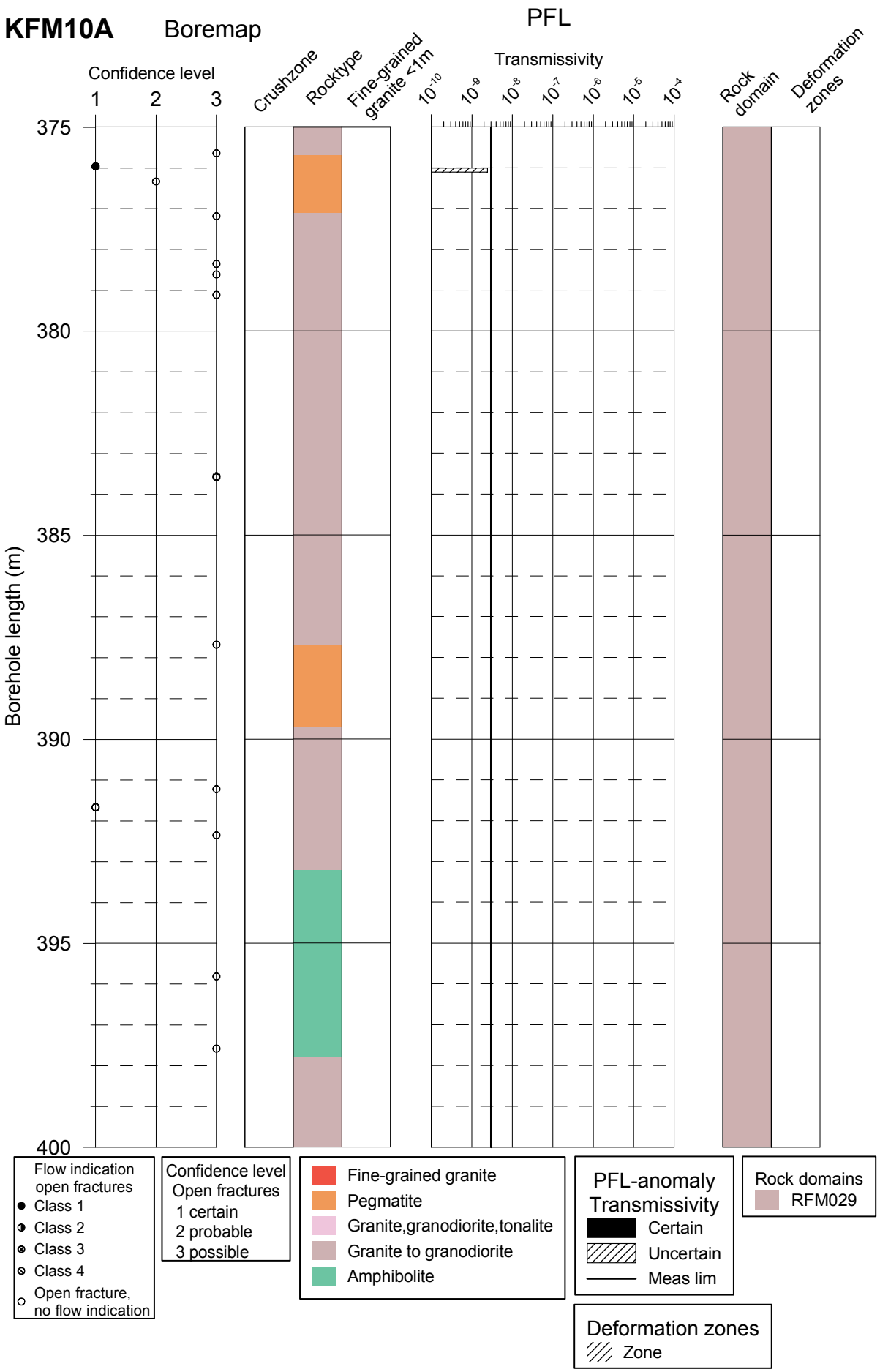

KFM10A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
250
255
260
265
270
275
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

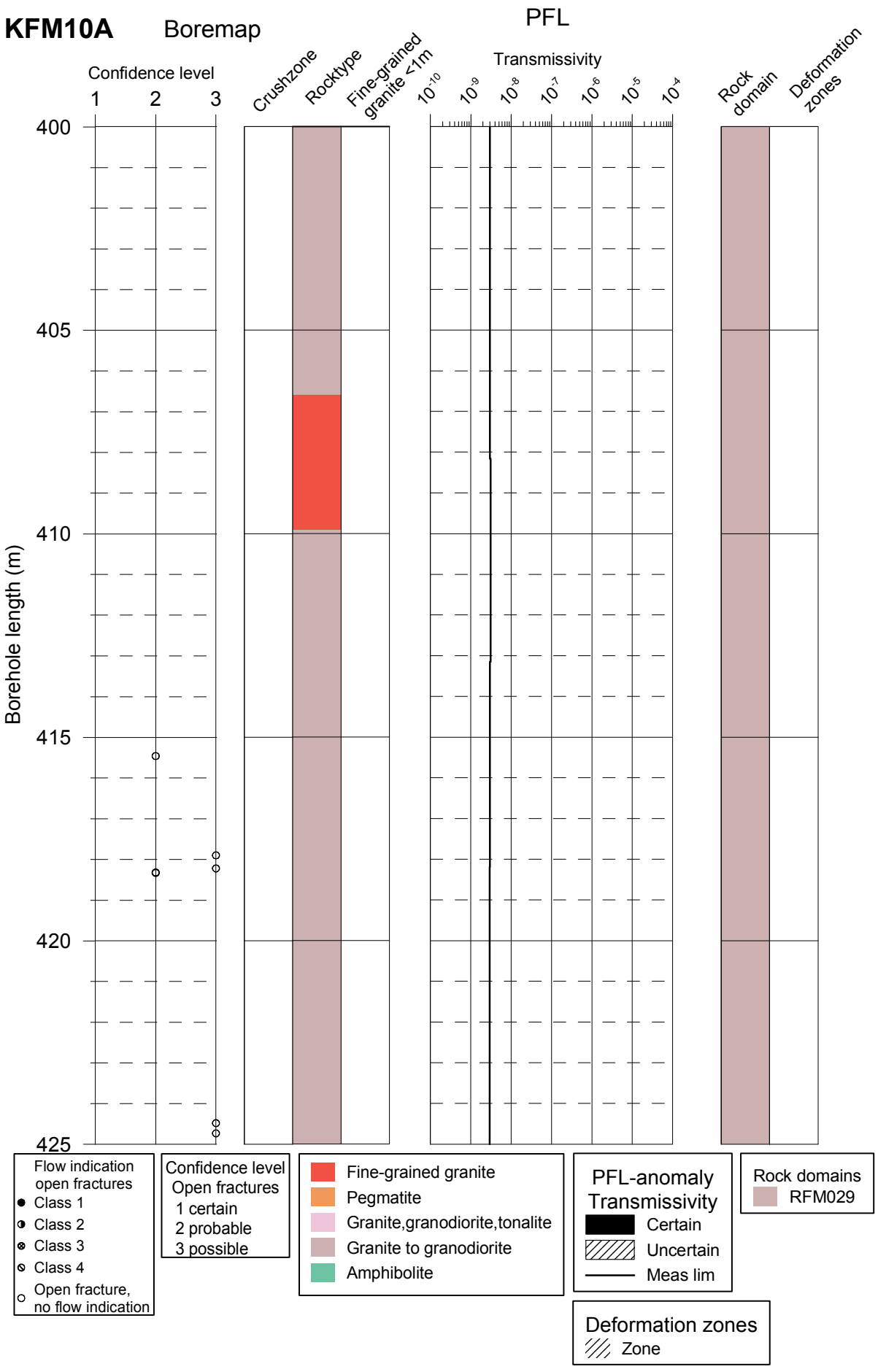

KFM10A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
275
280
285
290
295
300
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

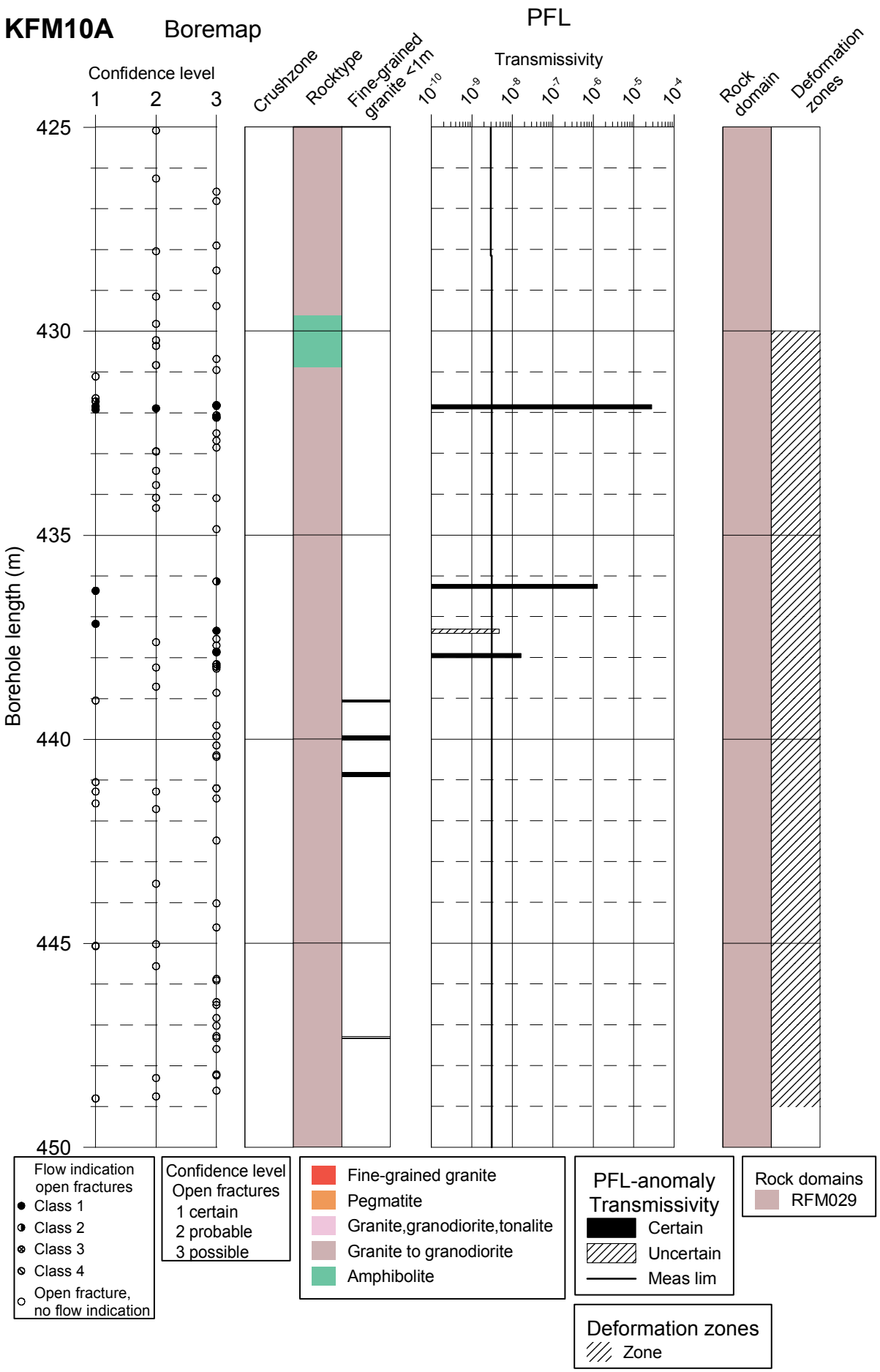

KFM10A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
300
305
310
315
320
325
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

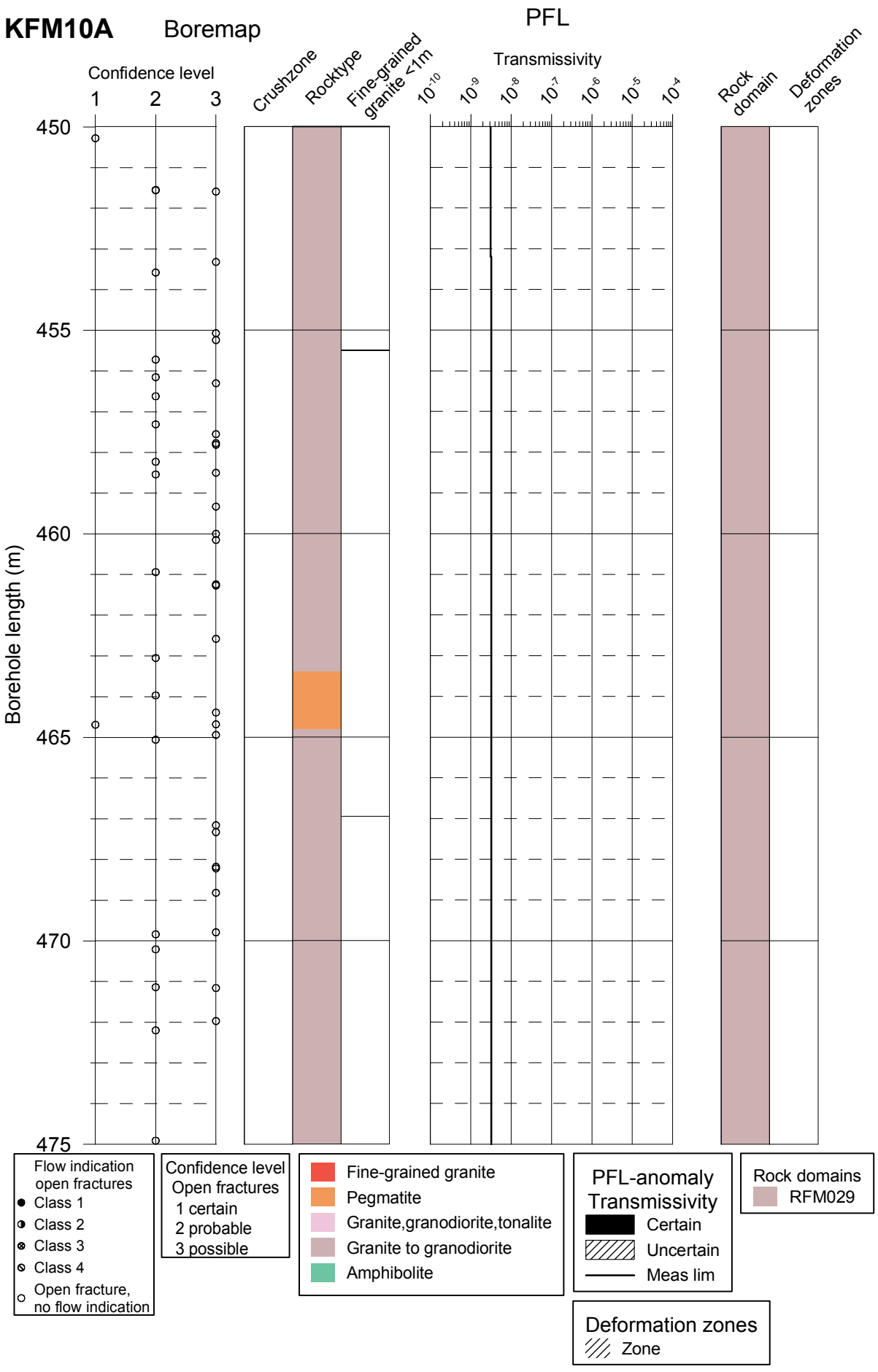

KFM10A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
325
330
335
340
345
350
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

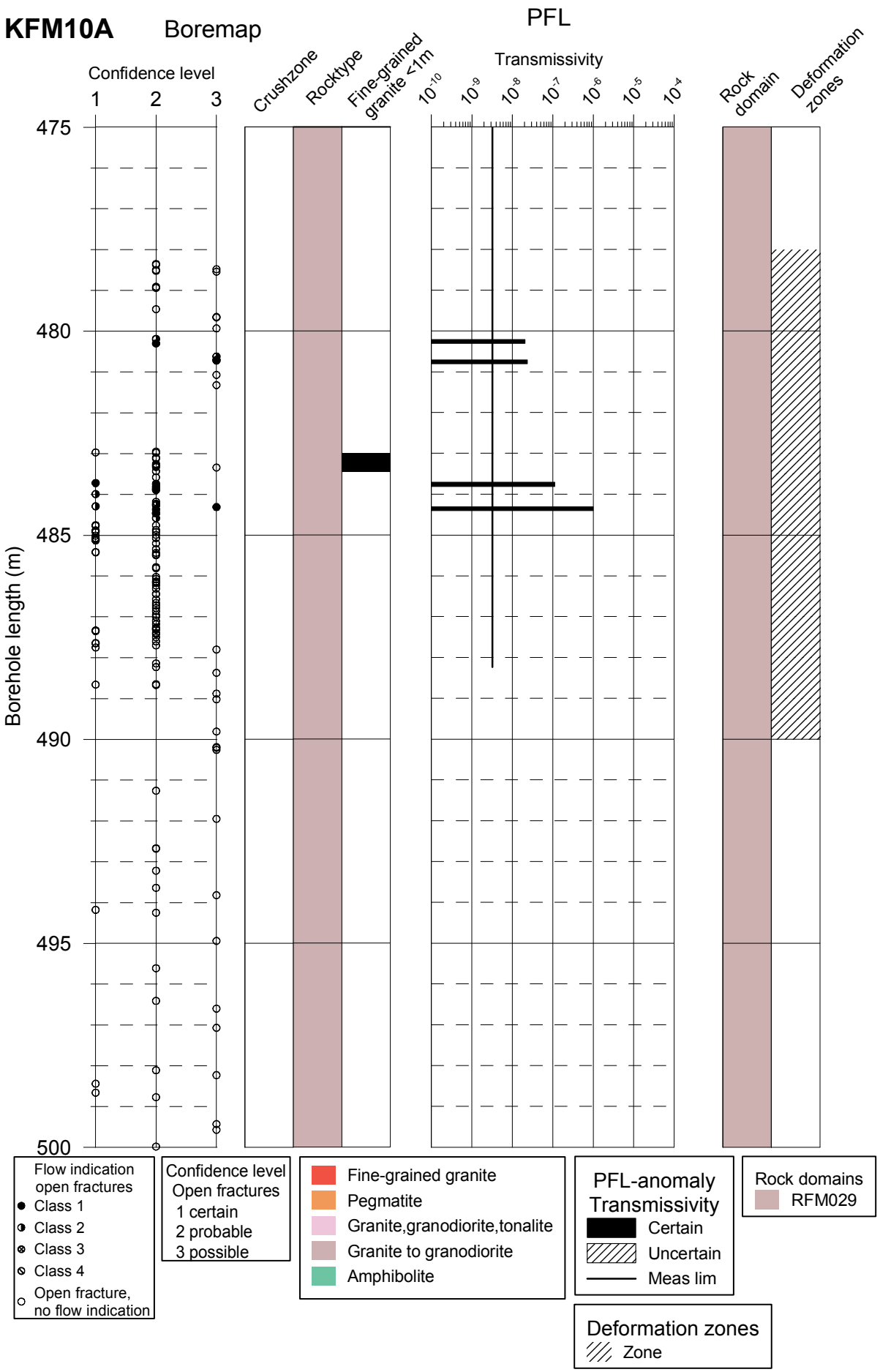

KFM10A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
350
355
360
365
370
375
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone


KFM10A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
375
380
385
390
395
400
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone


KFM10A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
400
405
410
415
420
425
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone


KFM10A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10^{-10}
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
Rock domain
Deformation zones
Borehole length (m)
425
430
435
440
445
450
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone


KFM10A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
450
455
460
465
470
475
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone


KFM10A
Boremap
PFL
Confidence level
1
2
3
Crushzone
Rocktype
Fine-grained granite <1m
Transmissivity
10-10
10-9
10-8
10-7
10-6
10-5
10-4
Rock domain
Deformation zones
Borehole length (m)
475
480
485
490
495
500
Flow indication open fractures
Class 1
Class 2
Class 3
Class 4
Open fracture, no flow indication
Confidence level Open fractures
1 certain
2 probable
3 possible
Fine-grained granite
Pegmatite
Granite,granodiorite,tonalite
Granite to granodiorite
Amphibolite
PFL-anomaly Transmissivity
Certain
Uncertain
Meas lim
Rock domains
RFM029
Deformation zones
Zone

KFM10A

Table A5-1. KFM10A. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
1	Bh-length (m) = 60.30 T (m^2/s) = 7.31E-7 PFL confidence= Uncertain		BIPS figure starts at borehole length 62.00m and data file starts at adjusted secup 62.86m.
2a	Bh-length (m) = 62.30 T (m^2/s) = 2.83E-7 PFL confidence= Uncertain		BIPS figure starts at borehole length 62.00m and data file starts at adjusted secup 62.86m.
2b			

Table A5-2. KFM10A. Interpretation of PFL measurements and BOREMAP data

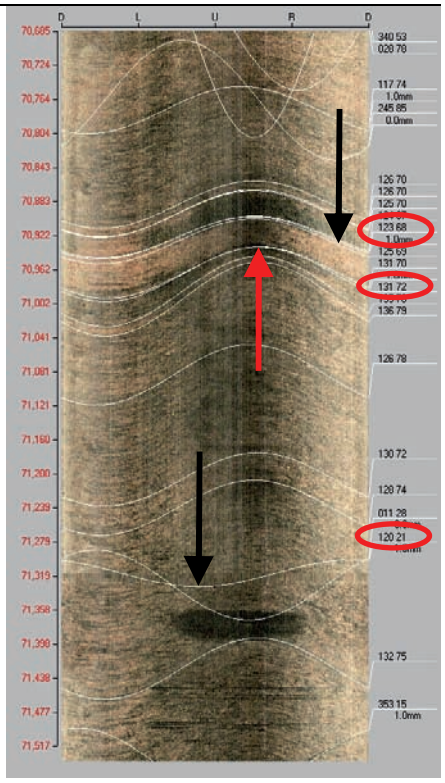
PFL anom. No	PFL anom data	Boremap data	BIPS Image
3a	Bh-length (m) = 71.10 T (m^2/s) = 2.17E-8 PFL confidence= Uncertain	Adjusted secup (m) = 70.93 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
3b		Adjusted secup (m) = 70.97 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1 **Best choice**	
3c		Adjusted secup (m) = 71.32 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	

Table A5-3. KFM10A. Interpretation of PFL measurements and BOREMAP data

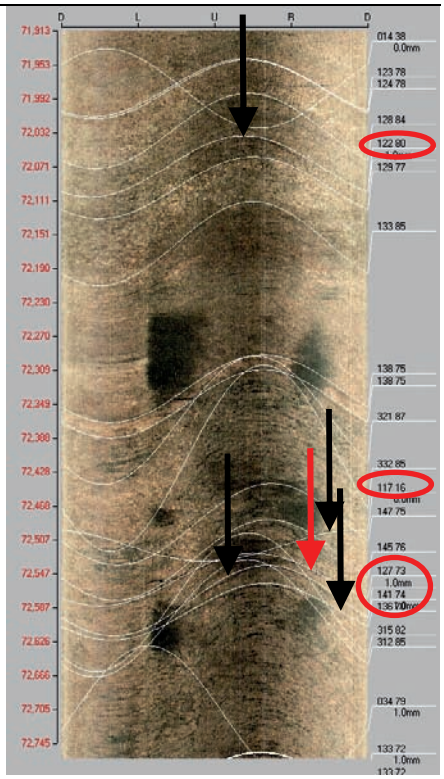
PFL anom. No	PFL anom data	Boremap data	BIPS Image
4a	Bh-length (m) = 72.30 T (m2/s) = 1.42E-7 PFL confidence= Uncertain	Adjusted secup (m) = 72.07 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
4b		Adjusted secup (m) = 72.51 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
4c		Adjusted secup (m) = 72.55 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 3 **Best choice**	
4d		Adjusted secup (m) = 72.58 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 3	
4e		Adjusted secup (m) = 72.59 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 3	

Table A5-4. KFM10A. Interpretation of PFL measurements and BOREMAP data

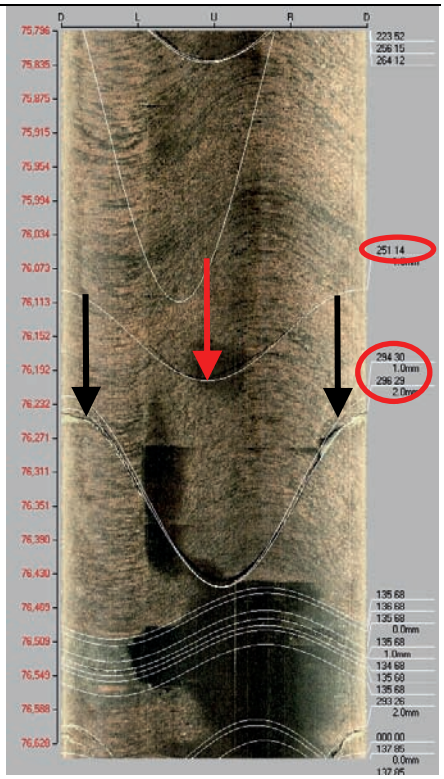
PFL anom. No	PFL anom data	Boremap data	BIPS Image
5a	Bh-length (m) = 76.20 T (m2/s) = 1.82E-6 PFL confidence= Certain	Adjusted secup (m) = 76.15 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
5b		Adjusted secup (m) = 76.33 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
5c		Adjusted secup (m) = 76.34 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A5-5. KFM10A. Interpretation of PFL measurements and BOREMAP data

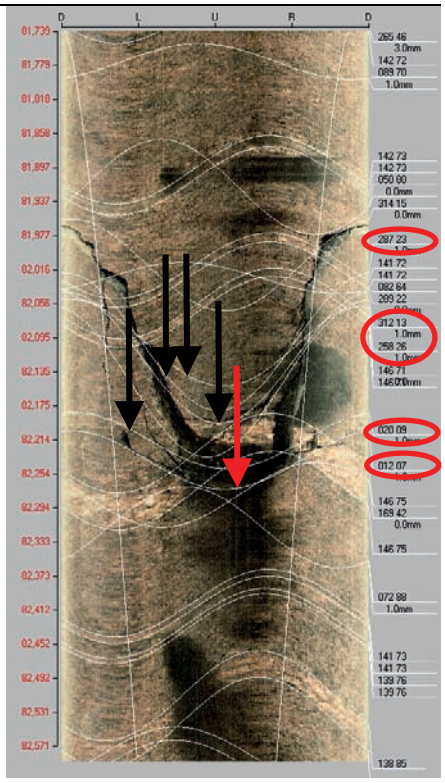
PFL anom. No	PFL anom data	Boremap data	BIPS Image
6a	Bh-length (m) = 82.10 T (m2/s) = 2.99E-6 PFL confidence= Certain	Adjusted secup (m) = 82.10 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
6b		Adjusted secup (m) = 82.10 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
6c		Adjusted secup (m) = 82.15 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
6d		Adjusted secup (m) = 82.22 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
6e		Adjusted secup (m) = 82.24 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2 **Best choice**	

Table A5-6. KFM10A. Interpretation of PFL measurements and BOREMAP data

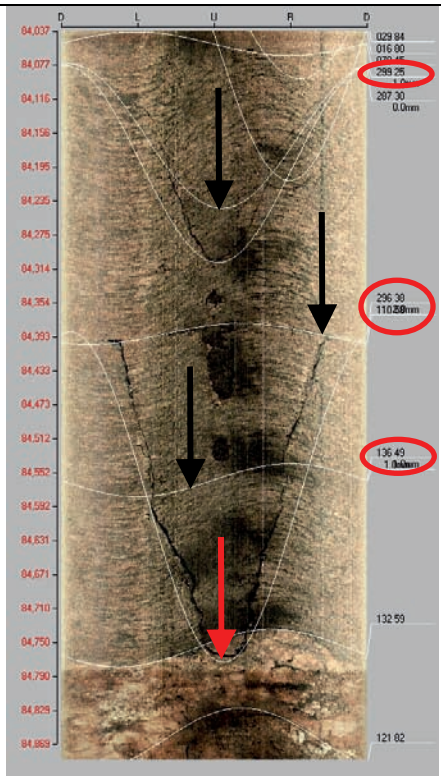
PFL anom. No	PFL anom data	Boremap data	BIPS Image
7a	Bh-length (m) = 84.40 T (m2/s) = 1.16E-7 PFL confidence= Certain	Adjusted secup (m) = 84.16 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
7b		Adjusted secup (m) = 84.39 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
7c		Adjusted secup (m) = 84.56 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
7d		Adjusted secup (m) = 84.58 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	

Table A5-7. KFM10A. Interpretation of PFL measurements and BOREMAP data

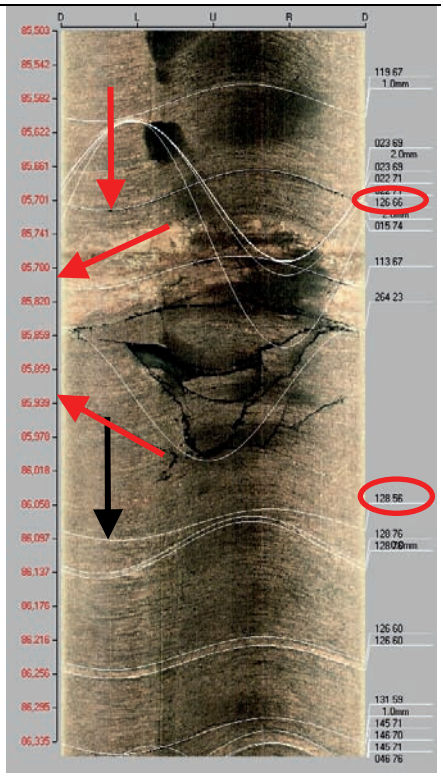
PFL anom. No	PFL anom data	Boremap data	BIPS Image
8a	Bh-length (m) = 85.90 T (m2/s) = 3.71E-6 PFL confidence= Certain	Adjusted secup (m) = 85.69 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2 **Best choice fracture**	
8b		Adjusted secup (m) = 85.79 Adjusted seclow (m) = 85.93 Fract_interpret / Varcode= crush zone Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice crush**	
8c		Adjusted secup (m) = 86.08 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	

Table A5-8. KFM10A. Interpretation of PFL measurements and BOREMAP data

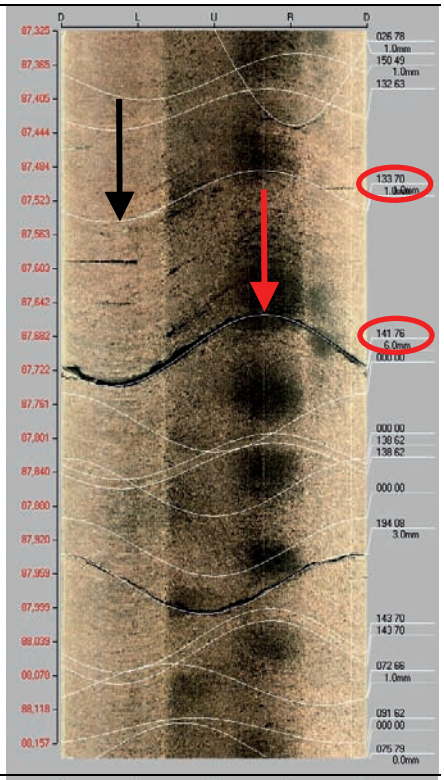
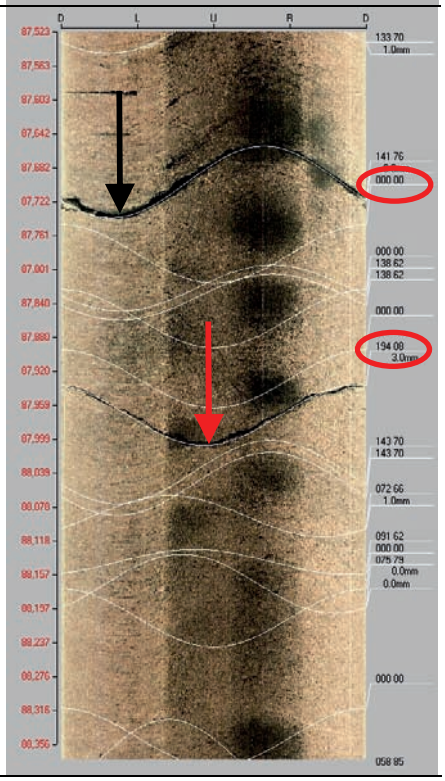
PFL anom. No	PFL anom data	Boremap data	BIPS Image
9a	Bh-length (m) = 87.70 T (m2/s) = 9.35E-6 PFL confidence= Certain	Adjusted secup (m) = 87.52 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
9b		Adjusted secup (m) = 87.70 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice** *Same as no. 10a.*	
10a	Bh-length (m) = 87.90 T (m2/s) = 4.71E-6 PFL confidence= Certain	Adjusted secup (m) = 87.70 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2 *Same as no. 9b.*	
10b		Adjusted secup (m) = 87.97 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	

Table A5-9. KFM10A. Interpretation of PFL measurements and BOREMAP data

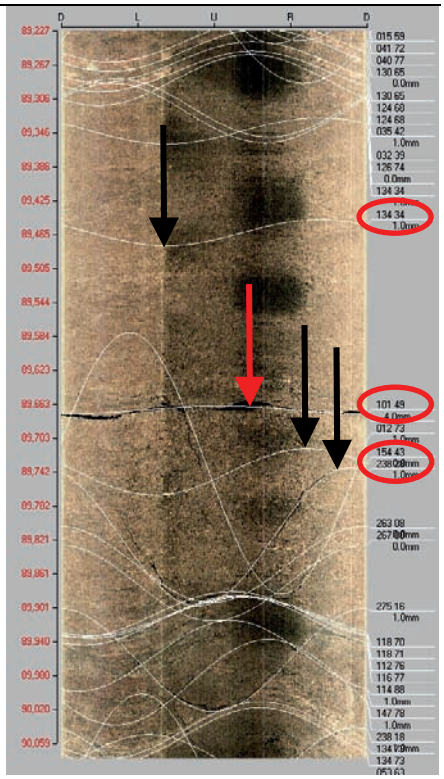
PFL anom. No	PFL anom data	Boremap data	BIPS Image
11a	Bh-length (m) = 89.60 T (m2/s) = 1.39E-5 PFL confidence= Certain	Adjusted secup (m) = 89.46 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
11b		Adjusted secup (m) = 89.67 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
11c		Adjusted secup (m) = 89.74 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
11d		Adjusted secup (m) = 89.82 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A5-10. KFM10A. Interpretation of PFL measurements and BOREMAP data

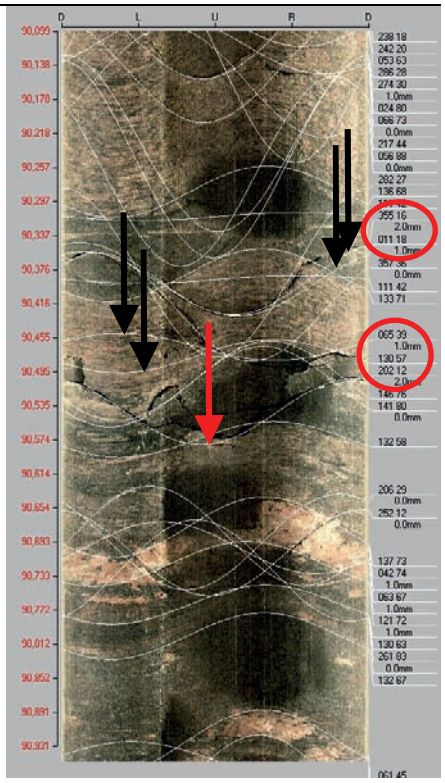
PFL anom. No	PFL anom data	Boremap data	BIPS Image
12a	Bh-length (m) = 90.50 T (m2/s) = 1.88E-6 PFL confidence= Certain	Adjusted secup (m) = 90.39 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
12b		Adjusted secup (m) = 90.39 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
12c		Adjusted secup (m) = 90.47 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
12d		Adjusted secup (m) = 90.48 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
12e		Adjusted secup (m) = 90.54 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	

Table A5-11. KFM10A. Interpretation of PFL measurements and BOREMAP data

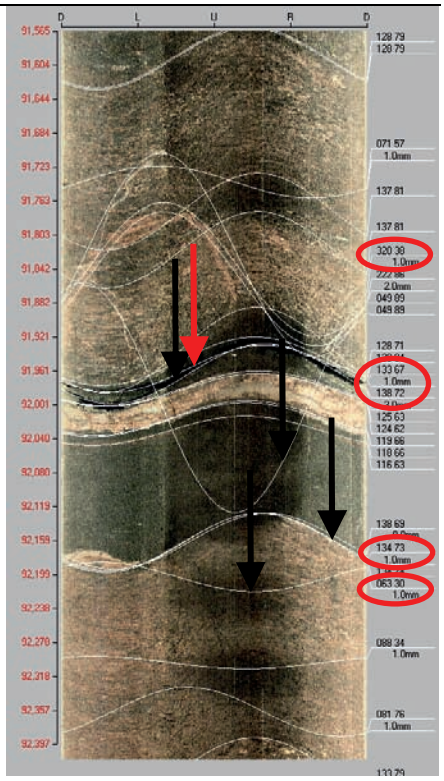
PFL anom. No	PFL anom data	Boremap data	BIPS Image
13a	Bh-length (m) = 92.00 T (m2/s) = 1.08E-6 PFL confidence= Certain	Adjusted secup (m) = 91.96 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
13b		Adjusted secup (m) = 91.96 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
13c		Adjusted secup (m) = 91.99 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
13d		Adjusted secup (m) = 92.16 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
13e		Adjusted secup (m) = 92.20 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	

Table A5-12. KFM10A. Interpretation of PFL measurements and BOREMAP data

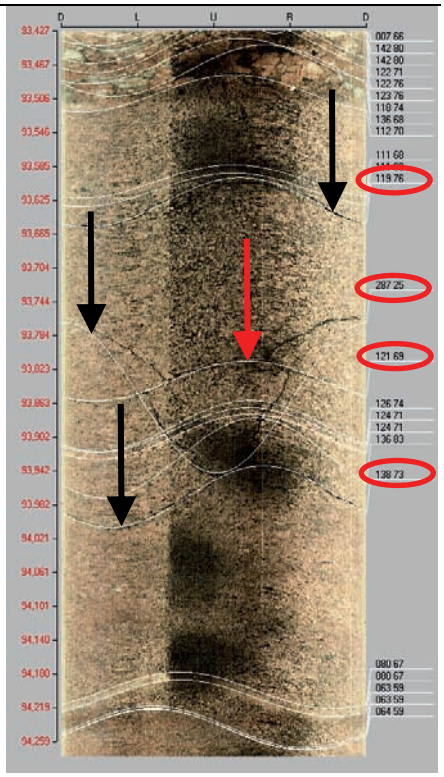
PFL anom. No	PFL anom data	Boremap data	BIPS Image
14a	Bh-length (m) = 93.80 T (m2/s) = 3.80E-7 PFL confidence= Certain	Adjusted secup (m) = 93.63 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
14b		Adjusted secup (m) = 93.84 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
14c		Adjusted secup (m) = 93.86 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
14d		Adjusted secup (m) = 93.97 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A5-13. KFM10A. Interpretation of PFL measurements and BOREMAP data

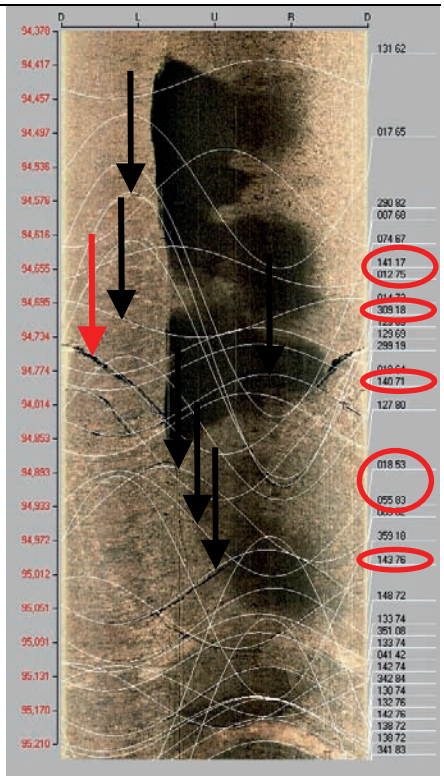
PFL anom. No	PFL anom data	Boremap data	BIPS Image
15a	Bh-length (m) = 94.80 T (m2/s) = 2.94E-6 PFL confidence= Certain	Adjusted secup (m) = 94.71 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
15b		Adjusted secup (m) = 94.74 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
15c		Adjusted secup (m) = 94.81 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
15d		Adjusted secup (m) = 94.81 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A5-13. Contin. KFM10A.

PFL anom. No	PFL anom data	Boremap data	BIPS Image
15e		Adjusted secup (m) = 94.94 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1 *Same fracture as no. 16a*.	
15f		Adjusted secup (m) = 94.95 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 *Same fracture as no. 16b.*	
15g		Adjusted secup (m) = 95.03 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2 *Same fracture as no. 16c.*	

Table A5-14. KFM10A. Interpretation of PFL measurements and BOREMAP data

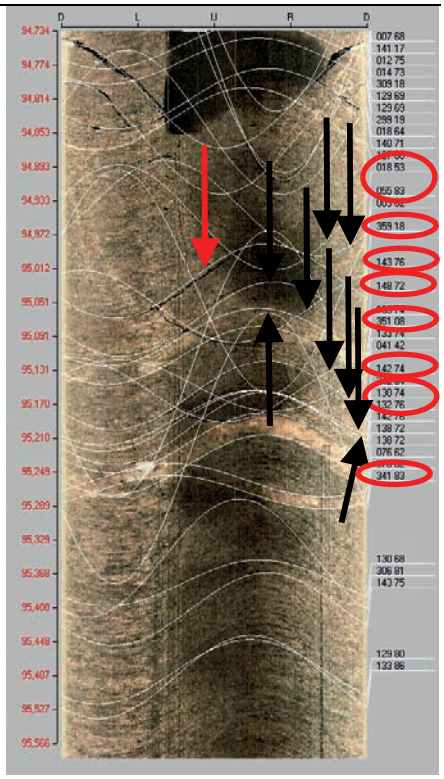
PFL anom. No	PFL anom data	Boremap data	BIPS Image
16a	Bh-length (m) = 95.10 T (m2/s) = 2.78E-7 PFL confidence= Certain	Adjusted secup (m) = 94.94 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2 *Same fracture as no 15e.*	
16b		Adjusted secup (m) = 94.95 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 *Same fracture as no 15f.*	
16c		Adjusted secup (m) = 95.03 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 *Same fracture as no 15g.* **Best choice**	
16d		Adjusted secup (m) = 95.06 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
16e		Adjusted secup (m) = 95.07 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A5-14. Contin. KFM10A.

PFL anom. No	PFL anom data	Boremap data	BIPS Image
16f		Adjusted secup (m) = 95.15 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
16g		Adjusted secup (m) = 95.16 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
16h		Adjusted secup (m) = 95.19 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probably PFL-anom. confidence= 1	
16i		Adjusted secup (m) = 95.19 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
16j		Adjusted secup (m) = 95.22 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A5-15. KFM10A. Interpretation of PFL measurements and BOREMAP data

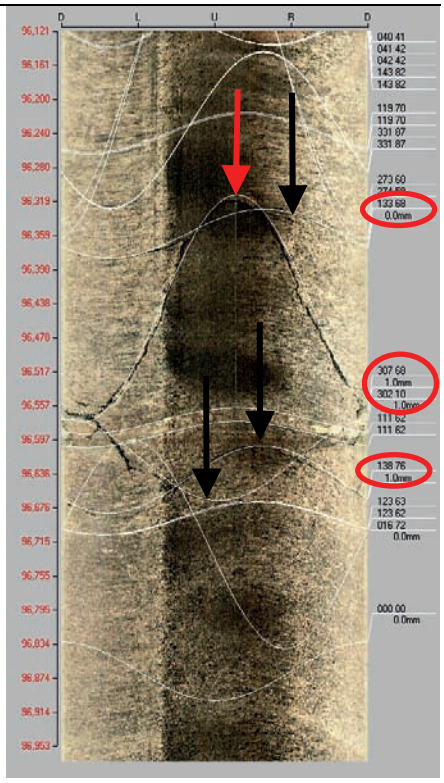
PFL anom. No	PFL anom data	Boremap data	BIPS Image
17a	Bh-length (m) = 96.50 T (m2/s) = 3.64E-7 PFL confidence= Certain	Adjusted secup (m) = 96.36 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
17b		Adjusted secup (m) = 96.44 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
17c		Adjusted secup (m) = 96.62 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
17d		Adjusted secup (m) = 96.68 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A5-16. KFM10A. Interpretation of PFL measurements and BOREMAP data

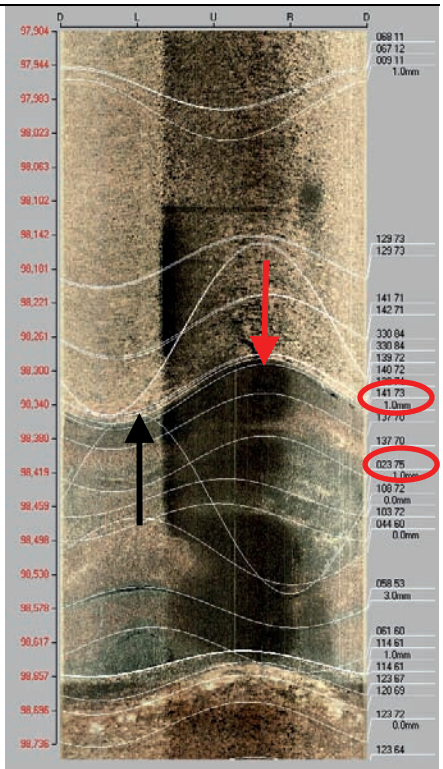
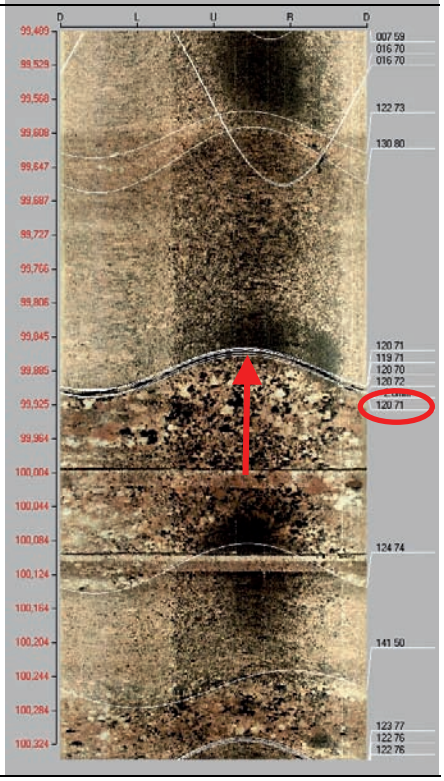
PFL anom. No	PFL anom data	Boremap data	BIPS Image
18a	Bh-length (m) = 98.30 T (m2/s) = 1.37E-7 PFL confidence= Certain	Adjusted secup (m) = 98.33 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
18b		Adjusted secup (m) = 98.46 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
19	Bh-length (m) = 99.90 T (m2/s) = 6.32E-6 PFL confidence= Certain	Adjusted secup (m) = 99.89 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	

Table A5-17. KFM10A. Interpretation of PFL measurements and BOREMAP data

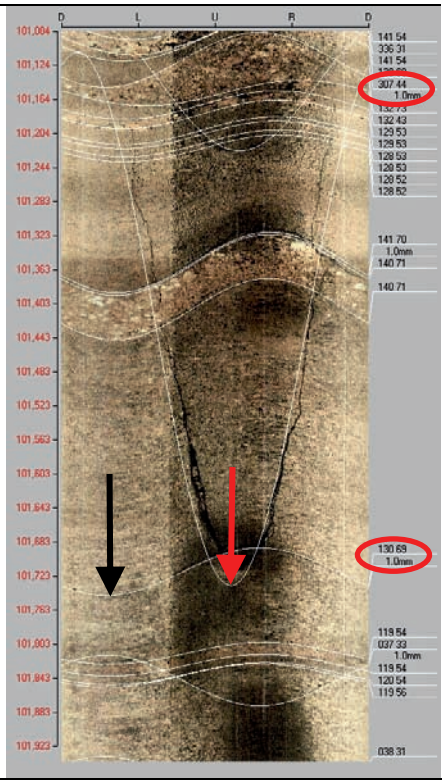
PFL anom. No	PFL anom data	Boremap data	BIPS Image
20a	Bh-length (m) = 101.60 T (m2/s) = 5.48E-8 PFL confidence= Certain	Adjusted secup (m) = 101.43 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
20b		Adjusted secup (m) = 101.73 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A5-18. KFM10A. Interpretation of PFL measurements and BOREMAP data

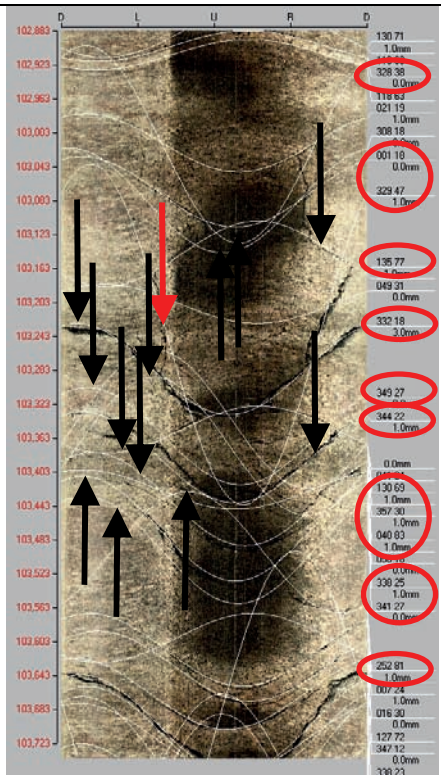
PFL anom. No	PFL anom data	Boremap data	BIPS Image
21a	Bh-length (m) = 103.30 T (m2/s) = 2.05E-6 PFL confidence= Certain	Adjusted secup (m) = 103.02 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
21b		Adjusted secup (m) = 103.07 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
21c		Adjusted secup (m) = 103.15 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
21d		Adjusted secup (m) = 103.24 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice**	

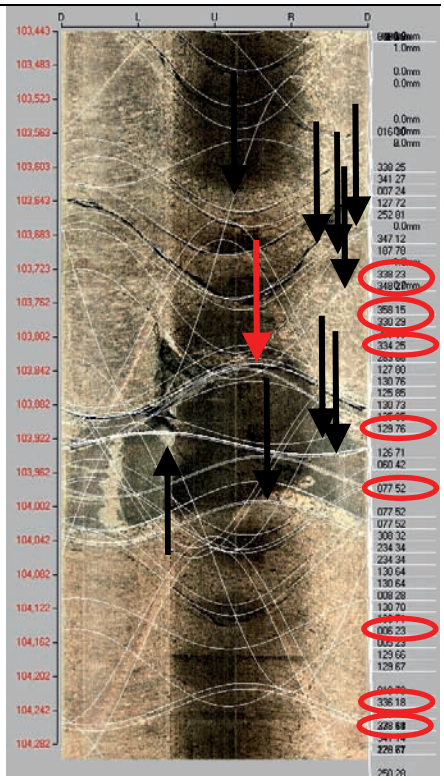
Table A5-18. Contin. KFM10A.

PFL anom. No	PFL anom data	Boremap data	BIPS Image
21e		Adjusted secup (m) = 103.28 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
21f		Adjusted secup (m) = 103.35 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
21g		Adjusted secup (m) = 103.36 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
21h		Adjusted secup (m) = 103.37 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
21i		Adjusted secup (m) = 103.39 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A5-18. Contin. KFM10A.

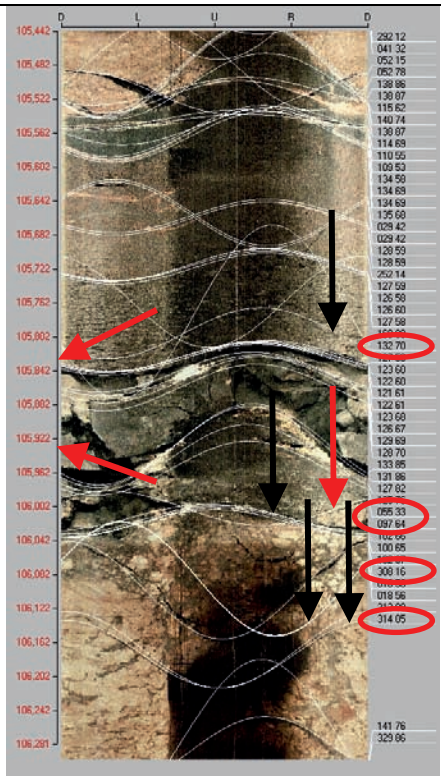
PFL anom. No	PFL anom data	Boremap data	BIPS Image
21j		Adjusted secup (m) = 103.43 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
21k		Adjusted secup (m) = 103.47 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
21 l		Adjusted secup (m) = 103.49 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
21m		Adjusted secup (m) = 103.50 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	

Table A5-19. KFM10A. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
22a	Bh-length (m) = 103.90 T (m2/s) = 8.93E-6 PFL confidence= Certain	Adjusted secup (m) = 103.70 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
22b		Adjusted secup (m) = 103.71 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
22c		Adjusted secup (m) = 103.72 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
22d		Adjusted secup (m) = 103.74 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
22e		Adjusted secup (m) = 103.79 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

22f	Adjusted secup (m) = 103.87 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice**
22g	Adjusted secup (m) = 103.93 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1
22h	Adjusted secup (m) = 104.01 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1
22i	Adjusted secup (m) = 104.07 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1
22j	Adjusted secup (m) = 104.08 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1

Table A5-20. KFM10A. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
23a	Bh-length (m) = 106.00 T (m2/s) = 1.23E-5 PFL confidence= Certain	Adjusted secup (m) = 105.80 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
23b		Adjusted secup (m) = 105.82 Adjusted seclow (m) = 105.93 Fract_interpret / Varcode= crush zone Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice crush**	
23c		Adjusted secup (m) = 106.00 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice fr.**	
23d		Adjusted secup (m) = 106.01 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

23e	Adjusted secup (m) = 106.10 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1
23f	Adjusted secup (m) = 106.18 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2

Table A5-21. KFM10A. Interpretation of PFL measurements and BOREMAP data

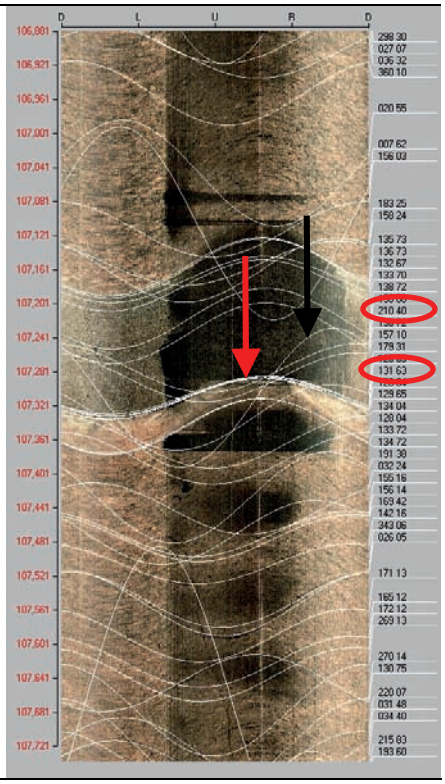
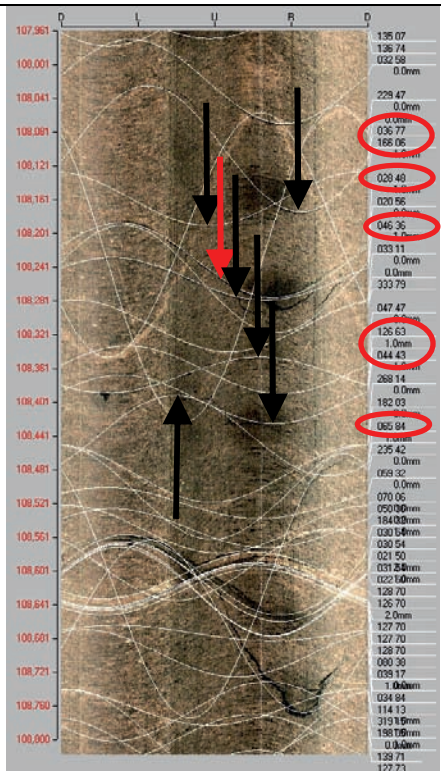
PFL anom. No	PFL anom data	Boremap data	BIPS Image
24a	Bh-length (m) = 107.30 T (m2/s) = 1.69E-8 PFL confidence= Certain	Adjusted secup (m) = 107.31 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best choice**	
24b		Adjusted secup (m) = 107.31 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A5-22. KFM10A. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
25a	Bh-length (m) = 108.30 T (m2/s) = 5.79E-9 PFL confidence= Certain	Adjusted secup (m) = 108.10 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
25b		Adjusted secup (m) = 108.16 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
25c		Adjusted secup (m) = 108.23 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice**	
25d		Adjusted secup (m) = 108.25 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

25e	Adjusted secup (m) = 108.37 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1
25f	Adjusted secup (m) = 108.40 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1
25g	Adjusted secup (m) = 108.44 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1

Table A5-23. KFM10A. Interpretation of PFL measurements and BOREMAP data

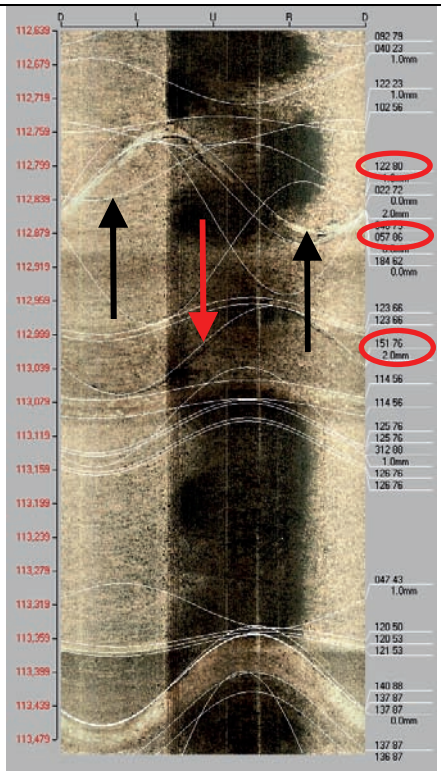
PFL anom. No	PFL anom data	Boremap data	BIPS Image
26a	Bh-length (m) = 113.00 T (m2/s) = 1.18E-8 PFL confidence= Certain	Adjusted secup (m) = 112.81 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
26b		Adjusted secup (m) = 112.82 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
26c		Adjusted secup (m) = 113.02 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice**	

Table A5-24. KFM10A. Interpretation of PFL measurements and BOREMAP data

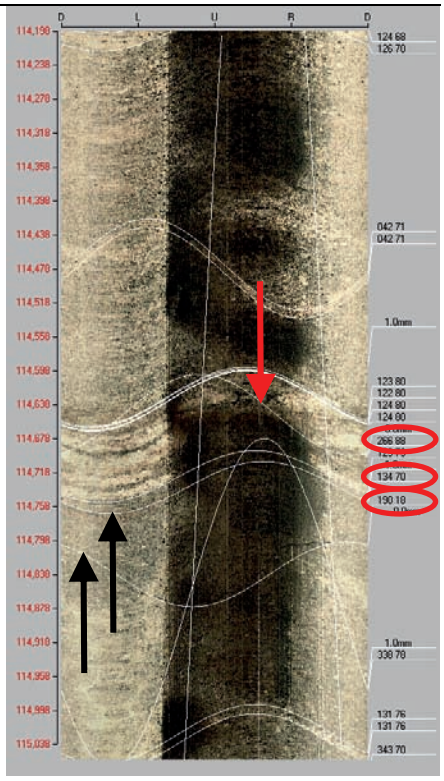
PFL anom. No	PFL anom data	Boremap data	BIPS Image
27a	Bh-length (m) = 114.60 T (m2/s) = 4.85E-9 PFL confidence= Uncertain	Adjusted secup (m) = 114.65 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1 **Best Choice**	
27b		Adjusted secup (m) = 114.74 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
27c		Adjusted secup (m) = 114.84 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	

Table A5-25. KFM10A. Interpretation of PFL measurements and BOREMAP data

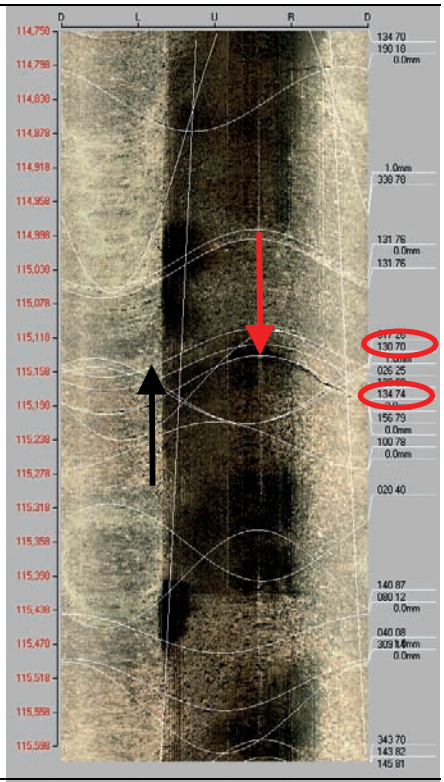
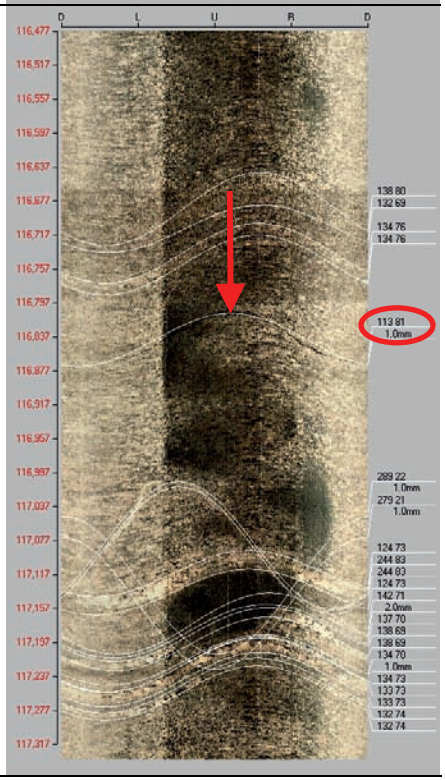
PFL anom. No	PFL anom data	Boremap data	BIPS Image
28a	Bh-length (m) = 115.20 T (m2/s) = 8.21E-9 PFL confidence= Certain	Adjusted secup (m) = 115.14 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
28b		Adjusted secup (m) = 115.17 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice**	
29	Bh-length (m) = 116.90 T (m2/s) = 2.06E-8 PFL confidence= Certain	Adjusted secup (m) = 116.84 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice**	

Table A5-26. KFM10A. Interpretation of PFL measurements and BOREMAP data

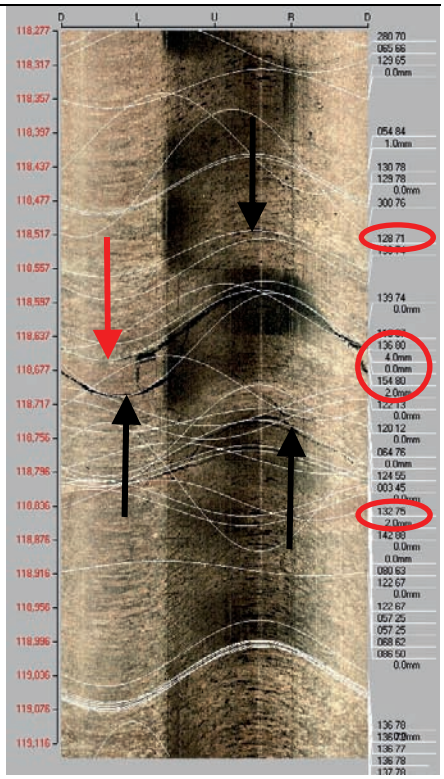
PFL anom. No	PFL anom data	Boremap data	BIPS Image
30a	Bh-length (m) = 118.70 T (m2/s) = 2.62E-8 PFL confidence= Certain	Adjusted secup (m) = 118.54 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
30b		Adjusted secup (m) = 118.62 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice**	
30c		Adjusted secup (m) = 118.65 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
30d		Adjusted secup (m) = 118.77 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A5-27. KFM10A. Interpretation of PFL measurements and BOREMAP data

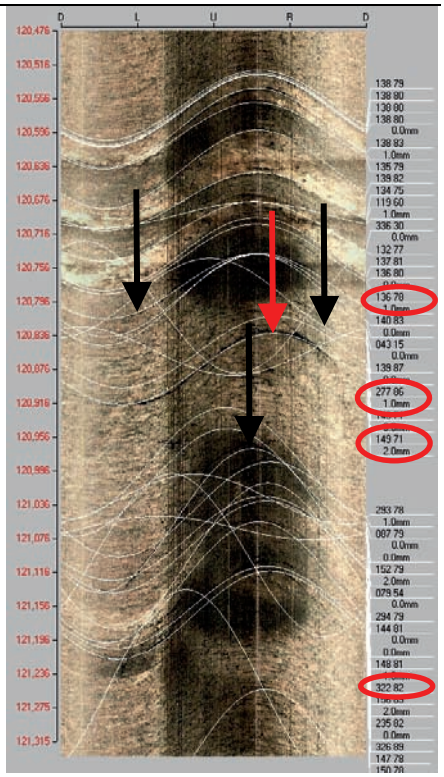
PFL anom. No	PFL anom data	Boremap data	BIPS Image
31a	Bh-length (m) = 120.90 T (m2/s) = 6.10E-8 PFL confidence= Certain	Adjusted secup (m) = 120.78 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
31b		Adjusted secup (m) = 120.79 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
31c		Adjusted secup (m) = 120.88 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice**	
31d		Adjusted secup (m) = 121.05 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A5-28. KFM10A. Interpretation of PFL measurements and BOREMAP data

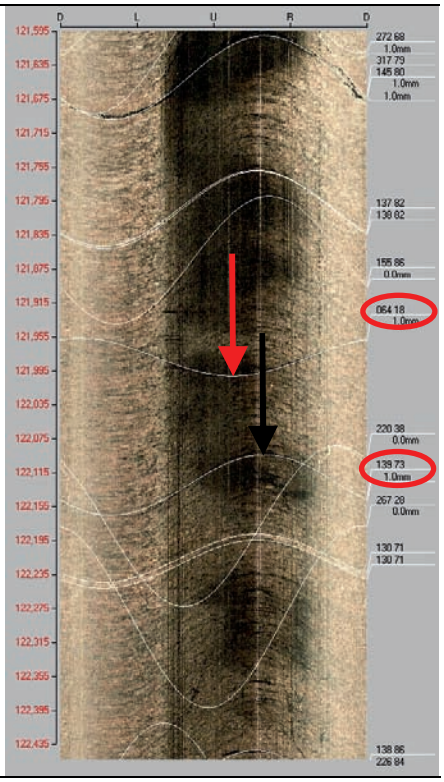
PFL anom. No	PFL anom data	Boremap data	BIPS Image
32a	Bh-length (m) = 122.00 T (m2/s) = 7.61E-9 PFL confidence= Uncertain	Adjusted secup (m) = 121.98 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice**	
32b		Adjusted secup (m) = 122.13 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A5-29. KFM10A. Interpretation of PFL measurements and BOREMAP data

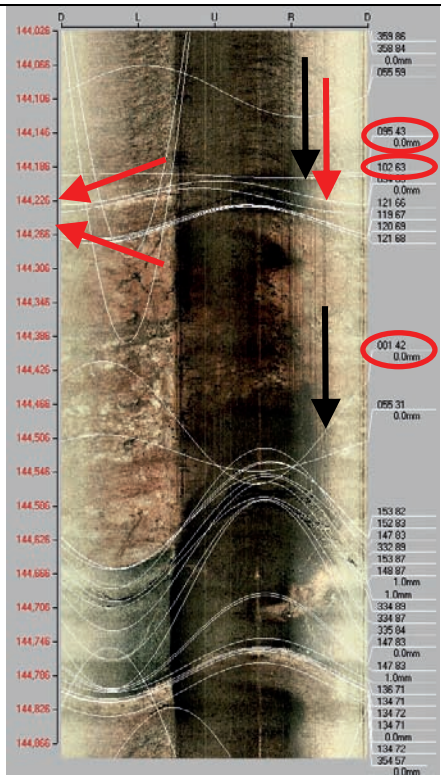
PFL anom. No	PFL anom data	Boremap data	BIPS Image
33a	Bh-length (m) = 144.30 T (m2/s) = 1.64E-9 PFL confidence= Uncertain	Adjusted secup (m) = 144.20 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
33b		Adjusted secup (m) = 144.22 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice fr.**	
33c		Adjusted secup (m) = 144.2263 Adjusted seclow (m) = 144.2523 Fract_interpret / Varcode= crush zone Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice crush**	
33d		Adjusted secup (m) = 144.49 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	

Table A5-30. KFM10A. Interpretation of PFL measurements and BOREMAP data

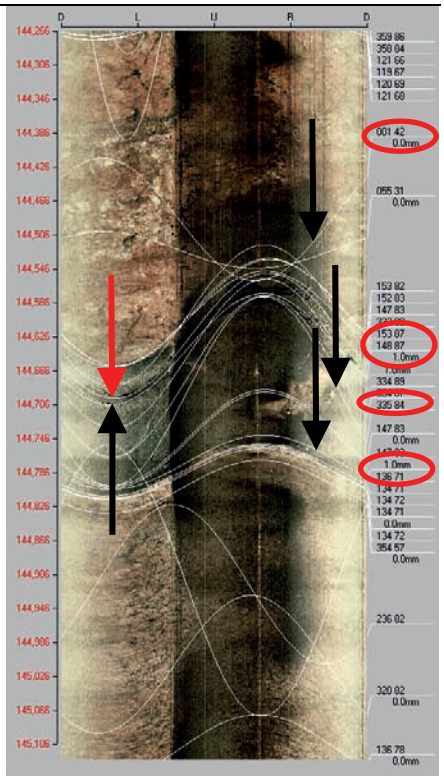
PFL anom. No	PFL anom data	Boremap data	BIPS Image
34a	Bh-length (m) = 144.70 T (m2/s) = 4.31E-9 PFL confidence= Certain	Adjusted secup (m) = 144.49 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
34b		Adjusted secup (m) = 144.63 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice**	
34c		Adjusted secup (m) = 144.64 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
34 d		Adjusted secup (m) = 144.69 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
34e		Adjusted secup (m) = 144.77 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	

Table A5-31. KFM10A. Interpretation of PFL measurements and BOREMAP data

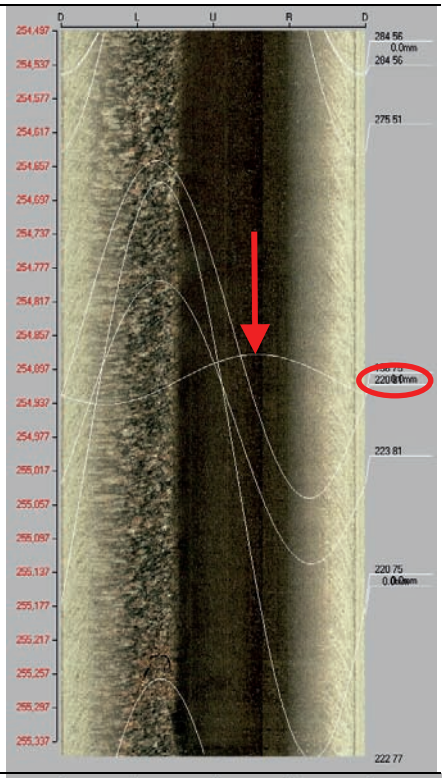
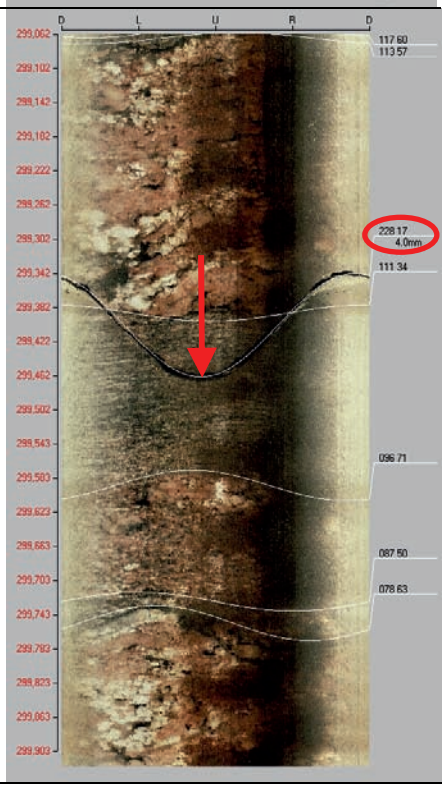
PFL anom. No	PFL anom data	Boremap data	BIPS Image
35	Bh-length (m) = 254.90 T (m2/s) = 2.61E-9 PFL confidence= Uncertain	Adjusted secup (m) = 254.85 Fract_interpret / Varcode= sealed unbroken Frac.interp. confidence= Certain PFL-anom. confidence= 0 **Best Choice** *Nearest open (probable) fracture: Adjusted secup (m) =256.55*	
36	Bh-length (m) = 299.50 T (m2/s) = 3.57E-8 PFL confidence= Uncertain	Adjusted secup (m) = 299.40 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice**	

Table A5-32. KFM10A. Interpretation of PFL measurements and BOREMAP data

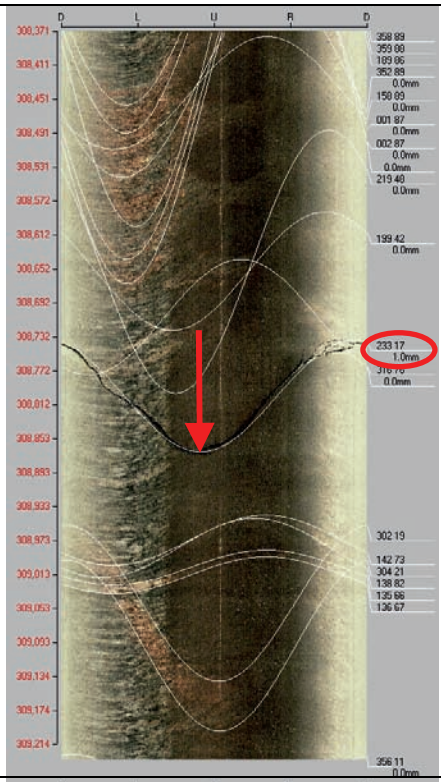
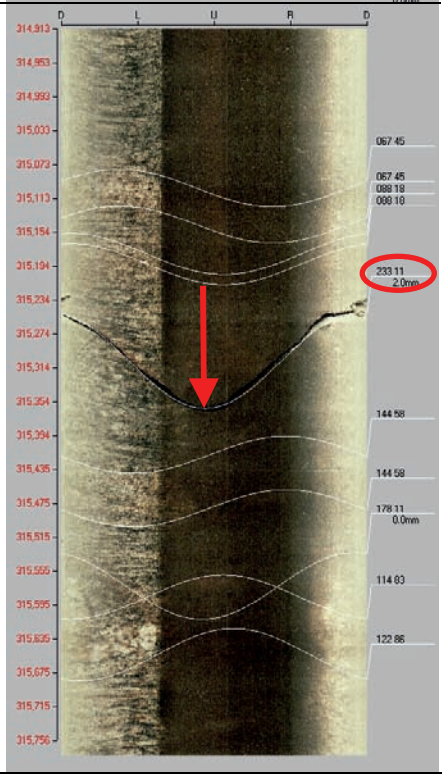
PFL anom. No	PFL anom data	Boremap data	BIPS Image
37	Bh-length (m) = 308.80 T (m2/s) = 8.82E-9 PFL confidence= Uncertain	Adjusted secup (m) = 308.80 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice**	
38	Bh-length (m) = 315.30 T (m2/s) = 2.04E-7 PFL confidence= Uncertain	Adjusted secup (m) = 315.31 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice**	

Table A5-33. KFM10A. Interpretation of PFL measurements and BOREMAP data

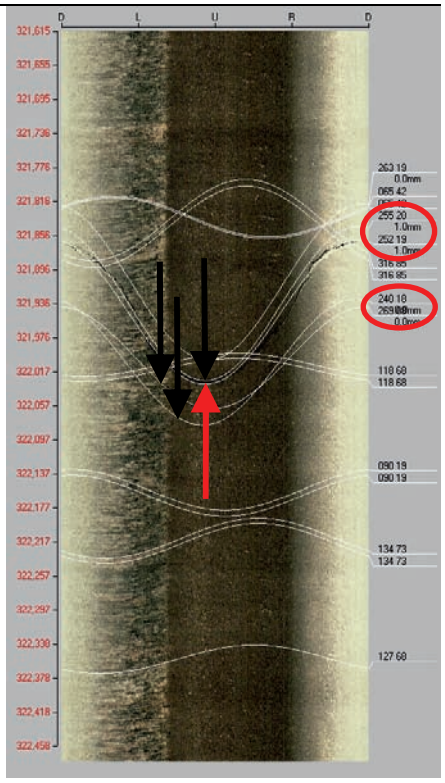
PFL anom. No	PFL anom data	Boremap data	BIPS Image
39a	Bh-length (m) = 322.00 T (m2/s) = 9.50E-9 PFL confidence= Certain	Adjusted secup (m) = 321.94 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
39b		Adjusted secup (m) = 321.95 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice**	
39c		Adjusted secup (m) = 322.00 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
39d		Adjusted secup (m) = 322.01 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A5-34. KFM10A. Interpretation of PFL measurements and BOREMAP data

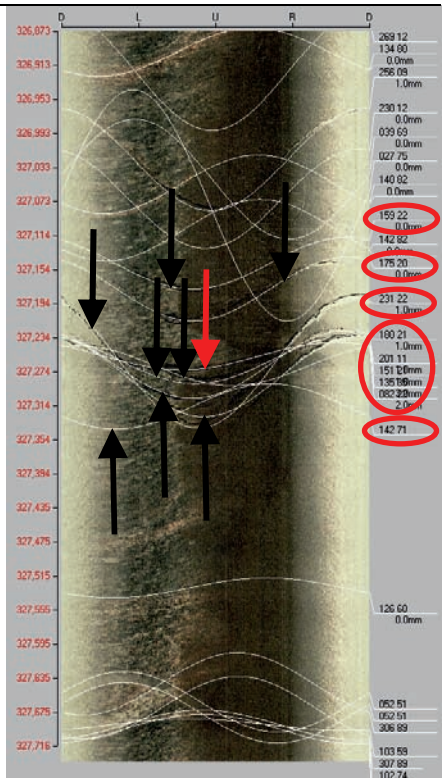
PFL anom. No	PFL anom data	Boremap data	BIPS Image
40a	Bh-length (m) = 327.30 T (m2/s) = 1.15E-7 PFL confidence= Certain	Adjusted secup (m) = 327.15 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
40b		Adjusted secup (m) = 327.18 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
40c		Adjusted secup (m) = 327.26 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice**	
40d		Adjusted secup (m) = 327.26 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A5-34. Contin. KFM10A.

PFL anom. No	PFL anom data	Boremap data	BIPS Image
40e		Adjusted secup (m) = 327.26 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
40f		Adjusted secup (m) = 327.27 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
40g		Adjusted secup (m) = 327.27 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
40h		Adjusted secup (m) = 327.28 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
40i		Adjusted secup (m) = 327.32 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. Confidence=1	

Table A5-35. KFM10A. Interpretation of PFL measurements and BOREMAP data

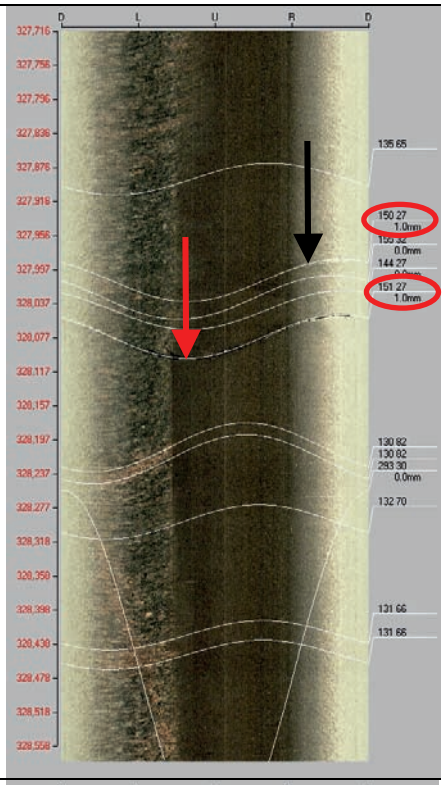
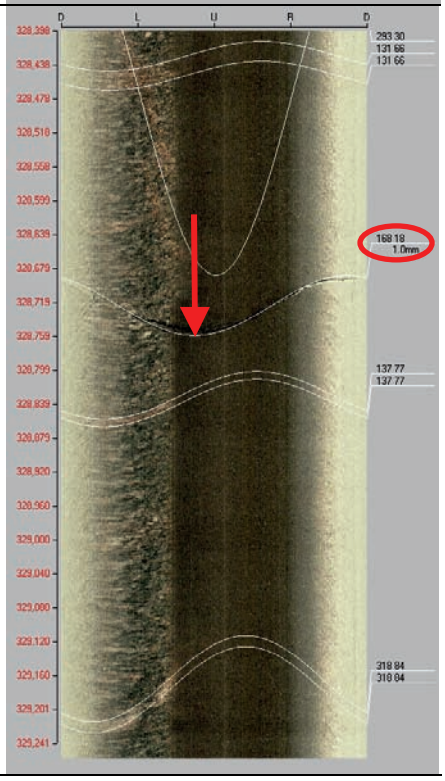
PFL anom. No	PFL anom data	Boremap data	BIPS Image
41a	Bh-length (m) = 328.10 T (m2/s) = 1.96E-8 PFL confidence= Certain	Adjusted secup (m) = 328.01 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
41b		Adjusted secup (m) = 328.08 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice**	
42	Bh-length (m) = 328.80 T (m2/s) = 2.25E-8 PFL confidence= Certain	Adjusted secup (m) = 328.72 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice**	

Table A5-36. KFM10A. Interpretation of PFL measurements and BOREMAP data

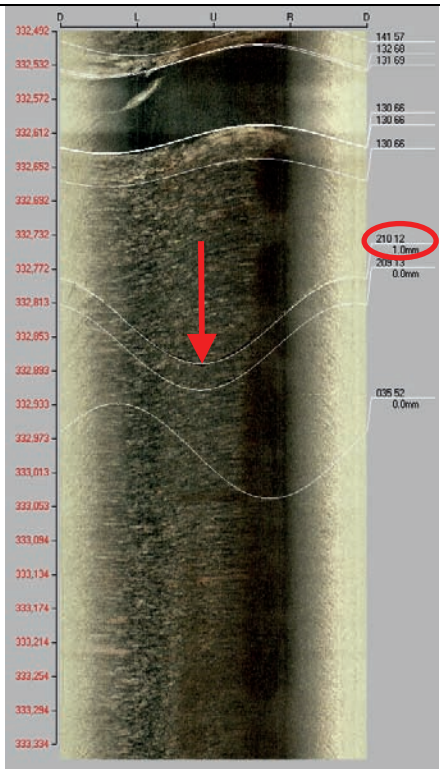
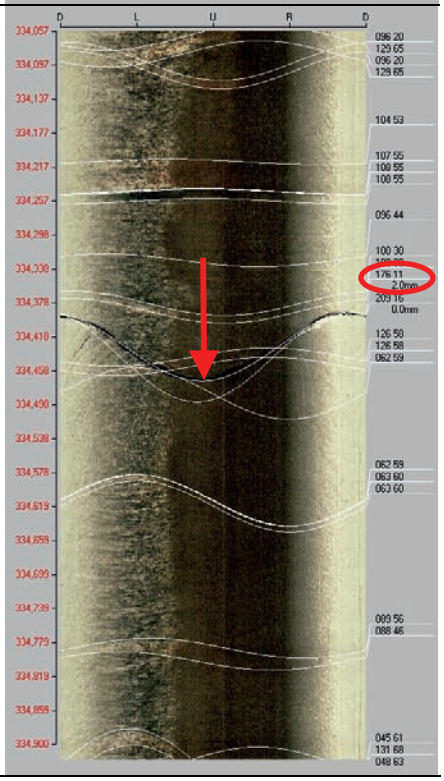
PFL anom. No	PFL anom data	Boremap data	BIPS Image
43	Bh-length (m) = 332.90 T (m2/s) = 3.42E-9 PFL confidence= Uncertain	Adjusted secup (m) = 332.83 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice**	
44	Bh-length (m) = 334.50 T (m2/s) = 5.63E-8 PFL confidence= Certain	Adjusted secup (m) = 334.50 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice**	

Table A5-37 KFM10A. Interpretation of PFL measurements and BOREMAP data

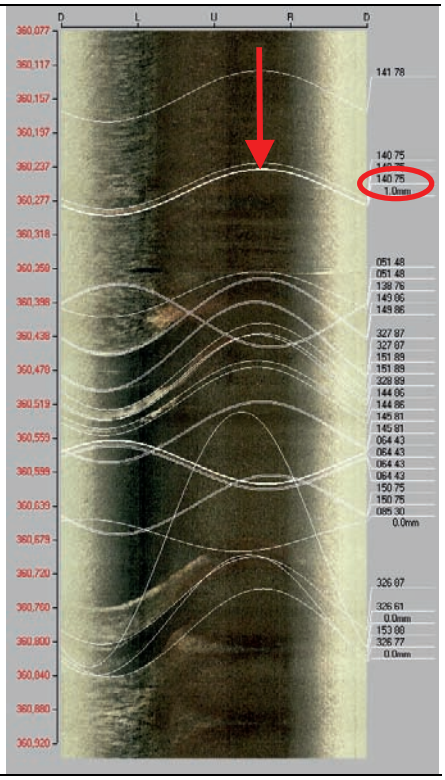
PFL anom. No	PFL anom data	Boremap data	BIPS Image
45	Bh-length (m) = 360.50 T (m2/s) = 4.74E-9 PFL confidence= Uncertain	Adjusted secup (m) = 360.27 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2 **Best Choice**	

Table A5-38 KFM10A. Interpretation of PFL measurements and BOREMAP data

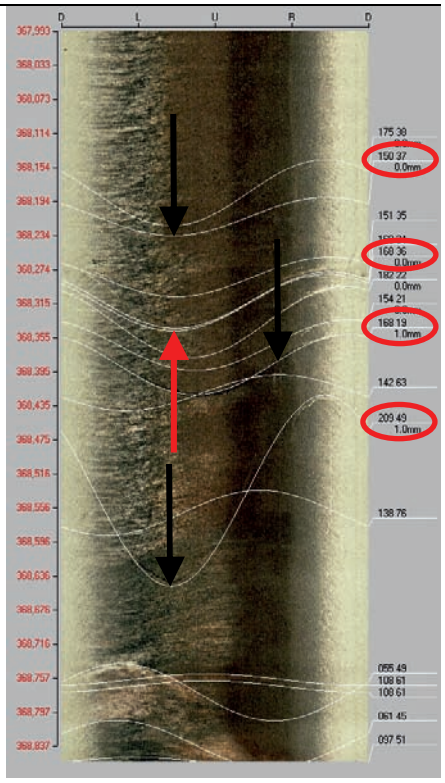
PFL anom. No	PFL anom data	Boremap data	BIPS Image
46a	Bh-length (m) = 368.40 T (m2/s) = 3.27E-9 PFL confidence= Uncertain	Adjusted secup (m) = 368.21 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
46b		Adjusted secup (m) = 368.31 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1 **Best Choice**	
46c		Adjusted secup (m) = 368.39 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
46d		Adjusted secup (m) = 368.54 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A5-39 KFM10A. Interpretation of PFL measurements and BOREMAP data

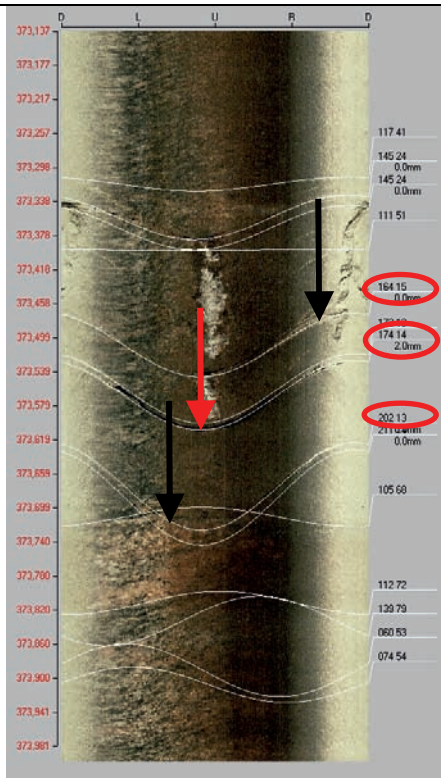
PFL anom. No	PFL anom data	Boremap data	BIPS Image
47a	Bh-length (m) = 373.60 T (m2/s) = 1.04E-8 PFL confidence= Certain	Adjusted secup (m) = 373.51 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
47b		Adjusted secup (m) = 373.57 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice**	
47c		Adjusted secup (m) = 373.67 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	

Table A5-40 KFM10A. Interpretation of PFL measurements and BOREMAP data

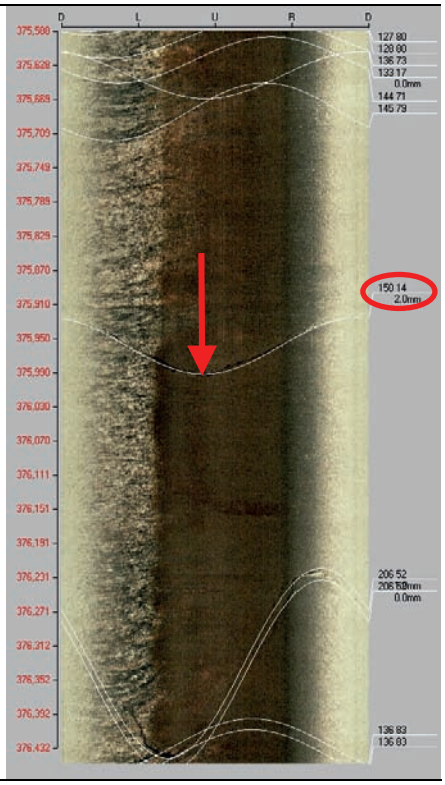
PFL anom. No	PFL anom data	Boremap data	BIPS Image
48	Bh-length (m) = 376.00 T (m2/s) = 2.46E-9 PFL confidence= Uncertain	Adjusted secup (m) = 375.96 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice**	

Table A5-41 KFM10A. Interpretation of PFL measurements and BOREMAP data

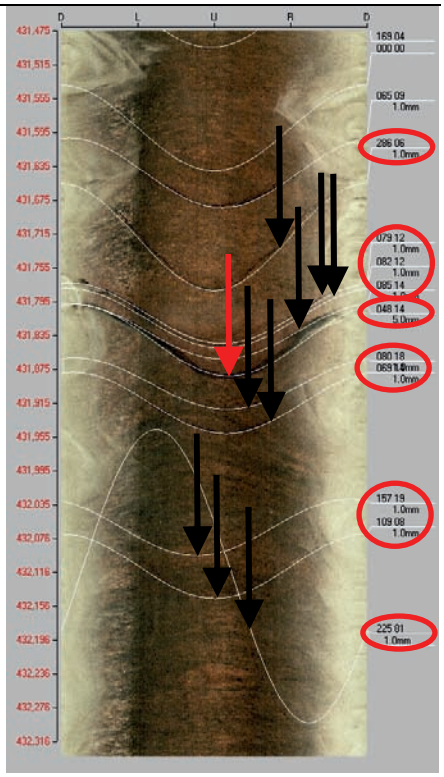
PFL anom. No	PFL anom data	Boremap data	BIPS Image
49a	Bh-length (m) = 431.90 T (m2/s) = 2.79E-5 PFL confidence= Certain	Adjusted secup (m) = 431.72 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
49b		Adjusted secup (m) = 431.81 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
49c		Adjusted secup (m) = 431.82 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
49d		Adjusted secup (m) = 431.83 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
49e		Adjusted secup (m) = 431.84 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice**	

Table A5-41 Contin. KFM10A.

PFL anom. No	PFL anom data	Boremap data	BIPS Image
49f		Adjusted secup (m) = 431.89 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
49g		Adjusted secup (m) = 431.92 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
49h		Adjusted secup (m) = 432.06 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
49i		Adjusted secup (m) = 432.11 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
49j		Adjusted secup (m) = 432.12 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A5-42 KFM10A. Interpretation of PFL measurements and BOREMAP data

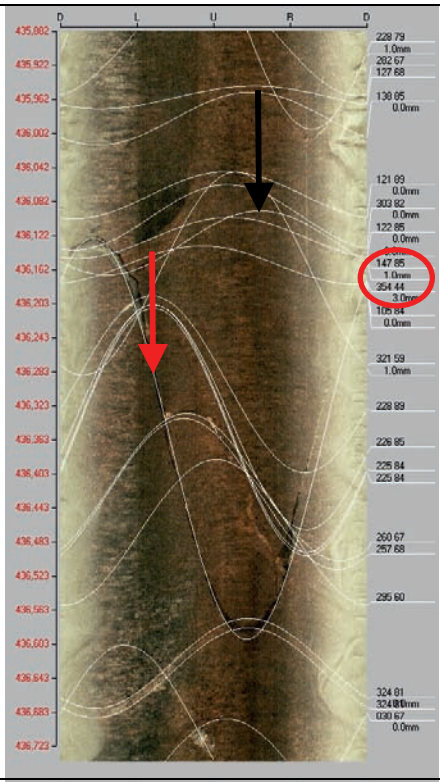
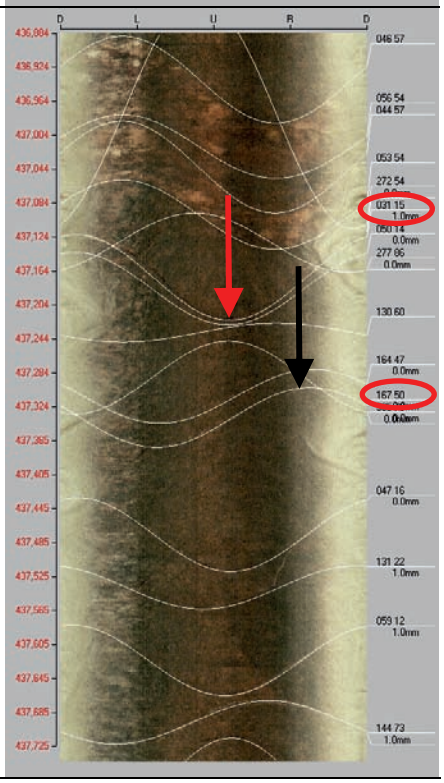
PFL anom. No	PFL anom data	Boremap data	BIPS Image
50a	Bh-length (m) = 436.30 T (m2/s) = 1.26E-6 PFL confidence= Certain	Adjusted secup (m) = 436.13 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
50b		Adjusted secup (m) = 436.36 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice**	
51a	Bh-length (m) = 437.30 T (m2/s) = 4.74E-9 PFL confidence= Uncertain	Adjusted secup (m) = 437.17 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 **Best Choice**	
51b		Adjusted secup (m) = 437.34 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A5-43 KFM10A. Interpretation of PFL measurements and BOREMAP data

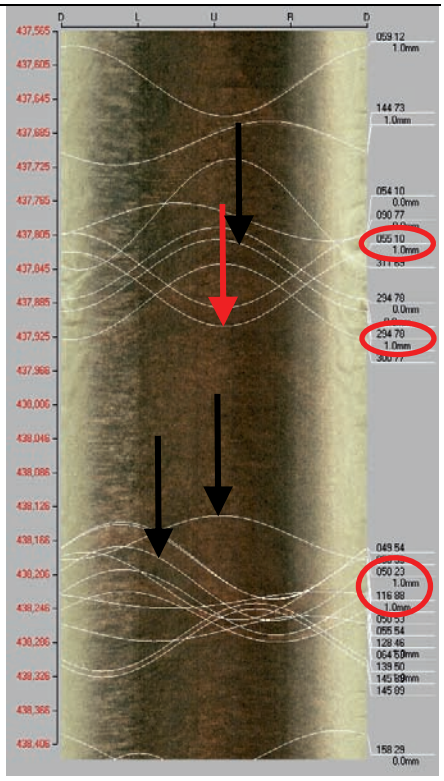
PFL anom. No	PFL anom data	Boremap data	BIPS Image
52a	Bh-length (m) = 438.00 T (m2/s) = 1.63E-8 PFL confidence= Certain	Adjusted secup (m) = 437.85 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
52b		Adjusted secup (m) = 437.87 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1 **Best Choice fr.**	
52c		Adjusted secup (m) = 438.16 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
52 d		Adjusted secup (m) = 438.22 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	

Table A5-44 KFM10A. Interpretation of PFL measurements and BOREMAP data

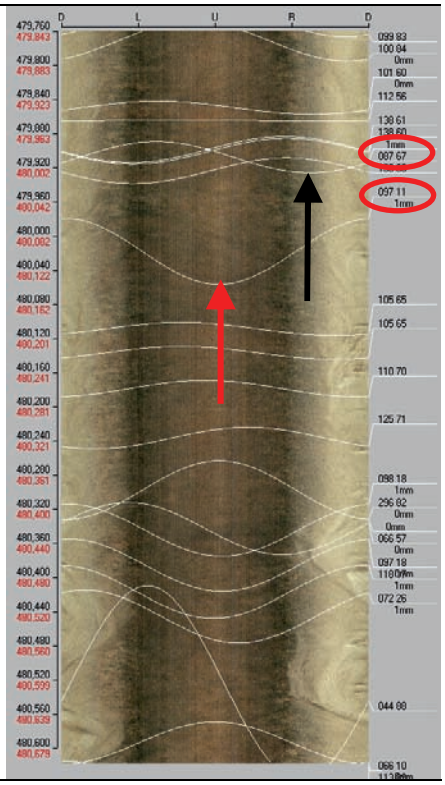
PFL anom. No	PFL anom data	Boremap data	BIPS Image
53a	Bh-length (m) = 480.30 T (m2/s) = 2.04E-8 PFL confidence= Certain	Adjusted secup (m) = 480.19 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
53b		Adjusted secup (m) = 480.30 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1 **Best Choice**	

Table A5-45 KFM10A. Interpretation of PFL measurements and BOREMAP data

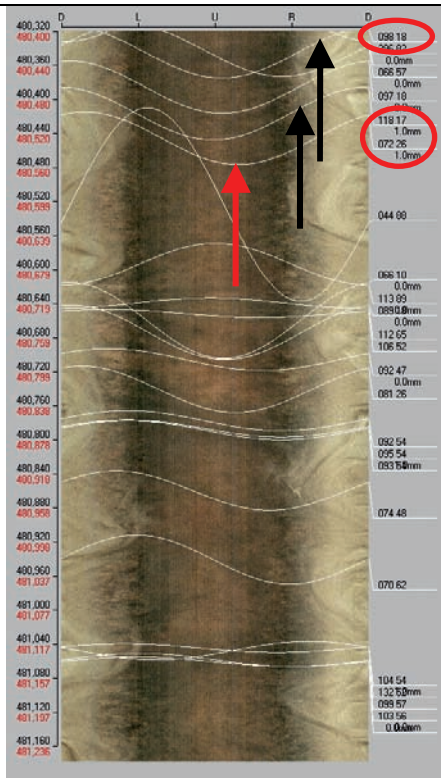
PFL anom. No	PFL anom data	Boremap data	BIPS Image
54a	Bh-length (m) = 480.80 T (m2/s) = 2.36E-8 PFL confidence= Certain	Adjusted secup (m) = 480.62 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
54b		Adjusted secup (m) = 480.70 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
54c		Adjusted secup (m) = 480.72 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1 **Best Choice**	

Table A5-46 KFM10A. Interpretation of PFL measurements and BOREMAP data

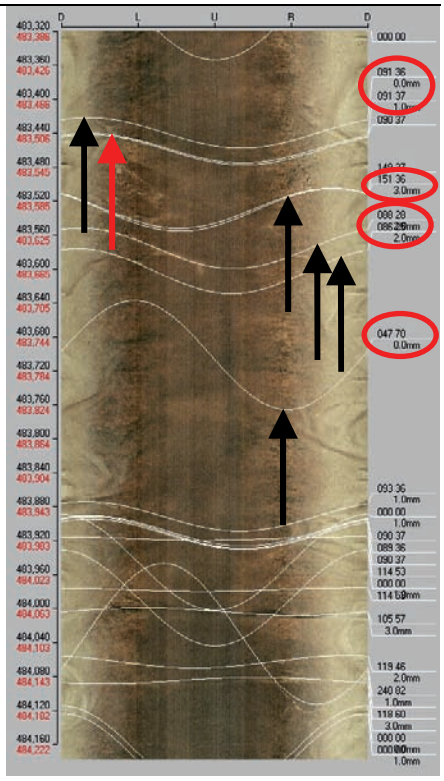
PFL anom. No	PFL anom data	Boremap data	BIPS Image
55a	Bh-length (m) = 483.80 T (m2/s) = 1.13E-7 PFL confidence= Certain	Adjusted secup (m) = 483.72 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
55b		Adjusted secup (m) = 483.74 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1 **Best Choice**	
55c		Adjusted secup (m) = 483.81 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
55d		Adjusted secup (m) = 483.86 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	

Table A5-46 Contin. KFM10A.

PFL anom. No	PFL anom data	Boremap data	BIPS Image
55e		Adjusted secup (m) = 483.89 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
55f		Adjusted secup (m) = 483.99 Fract_interpret / Varcode= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A5-47 KFM10A. Interpretation of PFL measurements and BOREMAP data

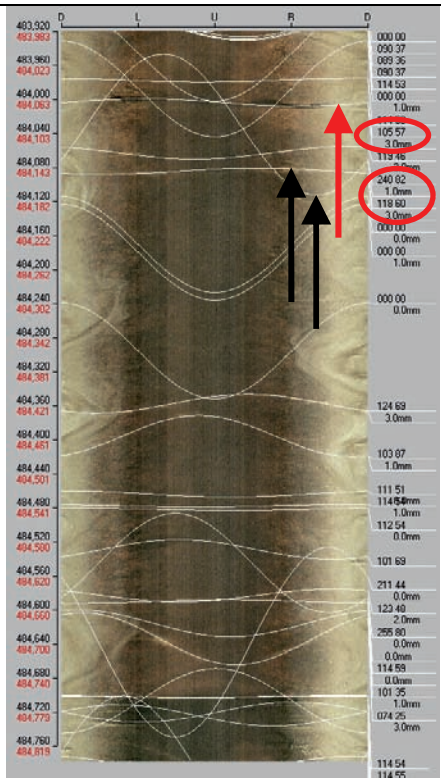
PFL anom. No	PFL anom data	Boremap data	BIPS Image
56a	Bh-length (m) = 484.40 T (m2/s) = 9.91E-7 PFL confidence= Certain	Adjusted secup (m) = 484.23 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
56b		Adjusted secup (m) = 484.27 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
56c		Adjusted secup (m) = 484.29 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2 **Best Choice**	
56d		Adjusted secup (m) = 484.31 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A5-47 Contin. KFM10A.

PFL anom. No	PFL anom data	Boremap data	BIPS Image
56e		Adjusted secup (m) = 484.37 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
56f		Adjusted secup (m) = 484.46 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
56g		Adjusted secup (m) = 484.46 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
56h		Adjusted secup (m) = 484.58 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	

Table A5-47 Contin. KFM10A.

PFL anom. No	PFL anom data	Boremap data	BIPS Image
56e		Adjusted secup (m) = 484.37 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
56f		Adjusted secup (m) = 484.46 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
56g		Adjusted secup (m) = 484.46 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
56h		Adjusted secup (m) = 484.58 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	