

**Correlation of Posiva Flow Log
anomalies to core mapped
features in KSH01A, KSH02A
and KAV01**

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August 2005

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Keywords: Hydrogeology, Hydraulic tests, Difference flow measurements, Fractures, Crush.

This report concerns a study which was conducted for SKB. The conclusions and viewpoints presented in the report are those of the authors and do not necessarily coincide with those of the client.

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Abstract

The difference flow logging and core mapping with the Boremap system in the core drilled boreholes KSH01A, KSH02A, and KAV01 at Oskarshamn, were conducted during 2003 and 2004. These data have been used to identify individual geological mapped features as fractures or crush zones that correspond to flow anomalies identified with the Posiva Flow Log/Difference Flow (PFL) method.

The results in this report have also been delivered as a database to SKB. A few general results are shown in Table 1. 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 causes the flow anomaly.

Table 1. Flow anomalies in KSH01A, KSH02A and KAV01.

Object	KSH01A	KSH02A	KAV01A
Total No of PFL anomalies.	82	82	181
No of PFL anomalies mapped as "Certain".	50	52	115
No of Geological features (fractures or crush zones) identified with distance < 0.2 m from PFL anomaly.	215	224	419
No of Geological features (fractures or crush zones) identified with distance 0.2–0.4 m from PFL anomaly.	5	5	13
No of Geological features (fractures or crush zones) identified with distance 0.4–0.5 m from PFL anomaly.	1	1	2
No of Geological features (fractures or crush zones) identified with distance > 0.5 m from PFL anomaly.	0	0	4
No of PFL anomalies not correlated to open fractures.	0	2	3
Number of sealed fractures (broken/unbroken) within a distance of 1 dm from PFL anomalies not correlated to open fractures or crush zones.	0/0	2/0	1/0
Number of sealed fractures (broken/unbroken) within a distance > 1 dm from PFL anomalies not correlated to open fractures or crush zones.	0/0	0/0	2/0

Sammanfattning

Flödesmätningar samt kartering med Boremap-systemet i kärnborrhålen KSH01A, KSH02A och KAV01 i Oskarshamn utfördes under 2003 och 2004. Dessa data har använts för att identifiera individuella geologiska registrerade fenomen, såsom sprickor och krosszoner, vilka svarar mot de flödesanomalier som identifierats med metoden Posiva Flow Log/Difference Flow (PFL).

Resultaten som presenteras i denna rapport har även levererats i databasformat till SKB. En översiktlig sammanfattning av utvalda resultat finns i tabell 1. I flera fall har en flödesanomali kunnat kopplas samman med ett flertal sprickor, förutsatt att dessa ligger nära anomalin. Flödesanomalin kan i de flesta av fallen sannolikt förklaras med att en, flera eller till och med alla de sprickor som tolkats svarar mot anomalin är vattenförande.

Tabell 1. Flödesanomalier i KSH01A, KSH02A och KAV01.

Objekt	KSH01A	KSH02A	KAV01
Totalt antal PFL anomalier.	82	82	181
Antal PFL anomalier tolkade som "säkra".	50	52	115
Antal geologiska objekt (sprickor och krosszoner) som identifierats inom ett avstånd av < 0.2 m från en PFL anomali.	215	224	419
Antal geologiska objekt (sprickor och krosszoner) som identifierats inom ett avstånd av 0.2–0.4 m från en PFL anomali.	5	5	13
Antal geologiska objekt (sprickor och krosszoner) som identifierats inom ett avstånd av 0.4–0.5 m från en PFL anomali.	1	1	2
Antal geologiska objekt (sprickor och krosszoner) som identifierats inom ett avstånd > 0.5 m från en PFL anomali.	0	0	4
Antal PFL anomalier som inte kan korreleras till öppna sprickor eller krosszoner.	0	2	3
Antal slutna sprickor (broken/unbroken) inom ett avstånd av 1 dm från PFL anomalier som inte kan korreleras till öppna sprickor eller krosszoner.	0/0	2/0	1/0
Antal slutna sprickor (broken/unbroken) inom ett avstånd > 1 dm från PFL anomalier som inte kan korreleras till öppna sprickor eller krosszoner.	0/0	0/0	2/0

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1 Introduction

The difference flow logging and core mapping with the Boremap system in the core drilled boreholes KSH01A, KSH02A and KAV01 at Oskarshamn were conducted during 2003 and 2004. The locations of the boreholes within the Oskarshamn area are shown in Figure 1-1.

The results from the Posiva Flow Log/Difference Flow (PFL) method were reported in /Rouhianien and Pöllänen 2003ab, 2004ab/. Data from the PFL, Boremapping and BIPS images were received from the SICADA database.

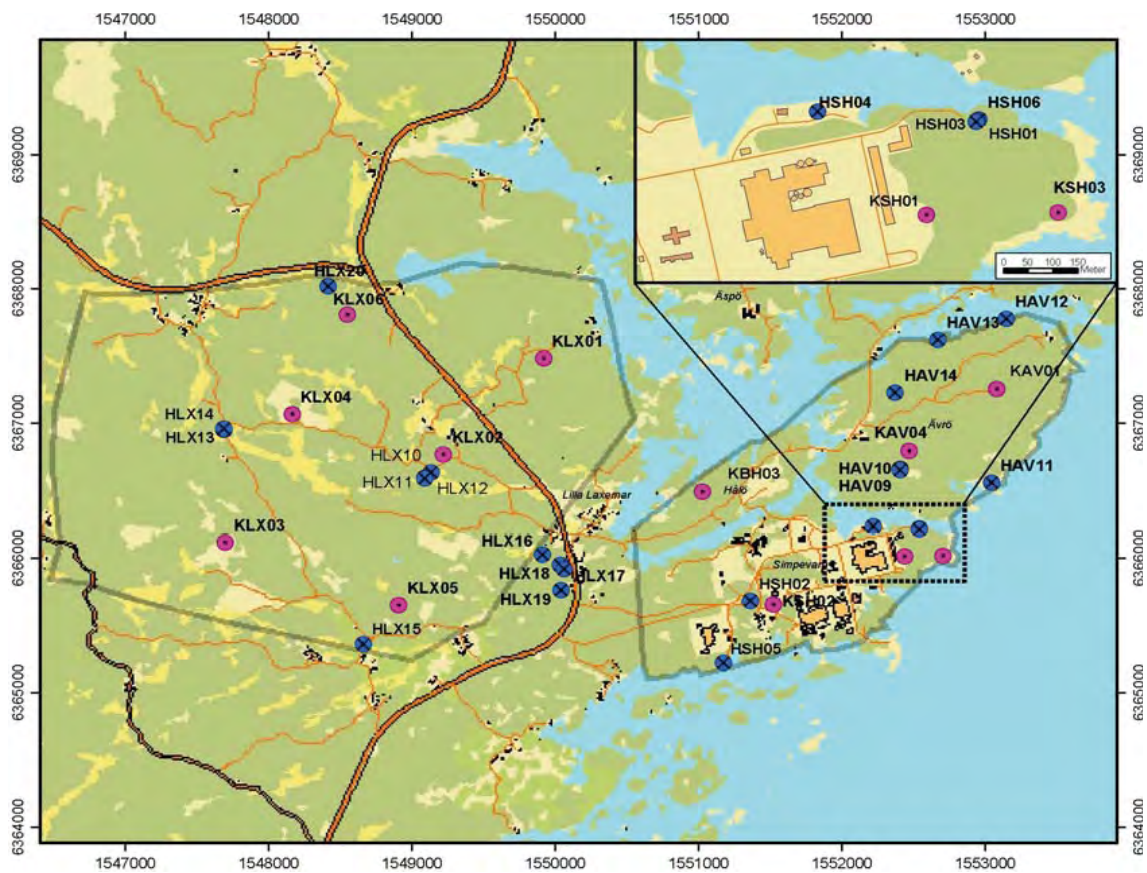


Figure 1-1. Location of core-drilled boreholes KSH01A, KSH02A, and KAV01 at Oskarshamn.

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 three cored boreholes KSH01A, KSH02A and KAV01 at Oskarshamn.

The results are presented in this report and have also been delivered 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 such fractures, crush, foliation etc,
- 3) interpretation of Posiva Flow Log (PFL) anomalies from the overlapping measurements.

3.1 Boremap data

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

The Boremap data of geological features in SICADA that have been length corrected are described in the BDT file, with the same length correction. 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 below it is always the corrected length for the BDT-trace that is compared to the PFL flow anomaly.

It should be noted that the features seen in the BIPS image with traces according to BDT-file correspond to fractures, rock contacts etc 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 1.0–0.5 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.

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 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. We have therefore only used the information available in the data file to determine if a fracture is open or sealed. When evaluating the pictures we have focused on the ones mapped as “open” in the database, therefore we have not controlled that all fractures who are said to be “Visible in BIPS” really **are** visible and the other way around. We have, though, found open, possibly flowing fractures said to be “Visible in BIPS” who cannot be found in the BIPS picture. These cases have been noted in the appendices. Concerning “Visible in BIPS”, possibly the mapping geologist have had slightly better possibilities to identify fracture traces in the BIPS image than us.

In the appendix pictures, the resolution is not quite as good as in the BIPS pictures. The pictures are also slightly smaller and include white correlation lines and the black arrows we have added. This makes it even harder to see if a fracture looks open or not (but, as mentioned above, it cannot be done using only the BIPS pictures either).

It should be quite easy to find the fractures in the database if you have the appendix pictures. In the picture itself, you can find information about strike, dip and adjusted secup. The secup could, though, be hard to get if the fracture has high amplitude. If you have the text that goes with the pictures in the appendix, this should not be a problem, because all fractures correlated to the anomaly are listed in secup-order. The adjusted secup for a sinusoidal fracture trace is the mean value of the adjusted secup trace.

3.2 PFL data

3.2.1 Position in the borehole of the flow anomaly

The PFL data and corrections made are in detail described in /Rouhianien and Pöllänen 2003ab, 2004a/. The uncertainties are described in most detail in /Rouhianien and Pöllänen 2004b/.

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 calliper tool. The length scale is firstly corrected according to these length marks. Single point resistance (SPR) is also recorded simultaneously with the calliper 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 calliper/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 calliper/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 borehole TV 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 it is marked as “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 (L) 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 nearest distance in dm from the fractures trace (a sinus-shape line) on the borehole wall to depth L is judged and documented in the database (PFL anom Confidence) and the actual deviation (Deviation fr L (+ downwards, dm)) of the open, partly open fractures or crush zones from L, defined positive if the fracture is located below (higher value) L.
- A few **sealed fractures** have been indicated as possible flowing features if the core has been broken AND adjusted secup (Boremap) \approx L (Borehole length) for the PFL anomaly AND that no open fracture was < 0.6 m from L 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, only the ones located ± 0.1 m from the anomaly have been mapped. These fractures are considered to be very uncertain and may be excluded from the analysis. “PFL confidence” is set to zero (0) in the database for these cases.
- Occasionally, several **open fractures** are within ± 0.1 – 0.2 m of L 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 examine if one may be more likely to be the flowing feature. In a few cases, the mapped open fractures are so close (< 1 cm) that possibly one could consider them as one fracture. In some cases where open fractures have been identified within ± 0.1 – 0.2 m of L, 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.
- In a few cases several PFL anomalies may be connected to a single geological feature, generally a crush zone but sometimes also an open fracture.
- 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 “secup”-value. When evaluating the data, these fractures have been given a lower “PFL confidence” than suggested only by the distance between the fractures secup and the level of the PFL anomaly. If the fracture cuts the level of the PFL anomaly, the PFL confidence is set to one (1, which is the highest confidence), independent of how long the distance between the 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 confidence has been set to 2 in these cases.

An example can be seen in Appendix 1, Table A1-12. The secup of the fracture deviates more than 2 dm from the anomaly secup but cuts it. Therefore, the confidence is set to “1”.

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”, or the PFL confidence, is defined as the distance between the anomaly and the interpreted fracture. 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

This classification is used in the figures in this report. In the database, only the numbers (1–4) are used to describe the PFL confidence.

Features with PFL confidence > 4 are rare and considered to be non-significant. Therefore, they are not plotted in the diagrams.

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. Database content. Structure of essential columns in the database – 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 geoligist 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)	1 = Indicator that a PFL anomaly is judged to (possibly) be connected to the feature.		X
9	PFL anom No	PFL No in the PFL anomaly file that is used together with the IDCODE for the borehole to identify PFL anomaly properties.		X
10	PFL anom Confidence	A number showing the distance in dm between the geological feature and the PFL anomaly. If = 0 then it is a sealed fracture that is broken or unbroken that is linked to the PFL anomaly and the interpretation is considered uncertain.		X
11	PFL-Deviation fr L (+ downwards, dm)	A number showing the distance in dm between the geological feature and the PFL anomaly. If positive it indicates that the geological feature is below the PFL anomaly.		X
12	PFL-CONFIDENCE	Certain/Uncertain, judgement by the performer and reporter of the PFL measurements how certain the interpreted PFL anomaly was.		X
14	PFL-CONFIDENCE No	1 = Certain/ 2 = Uncertain, based on PFL-CONFIDENCE.		X
15	ADJUSTEDSECUP(m)	The mid point of a feature trace that generally has a sinusoidal shape on the BIPS image.	X	
16	STRIKE(degrees)	Strike of the fracture.	X	
17	DIP(degrees)	Dip of the fracture.	X	

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

No	Column name in database	Content	Originally in Boremap file	Interpretation of PFL anomalies
1	VARCODE	Crush Zone	X	
8	PFL anom (1)			X
9	PFL anom No			X
10	PFL anom Confidence			X
11	PFL-Deviation fr L (+ downwards, dm)			X
12	PFL-CONFIDENCE			X
14	PFL-CONFIDENCE No			(added sorting No)
15	ADJUSTEDSECUP(m)	The mid point of the upper part of the crush zone trace that generally have a sinusoidal shape on the BIPS image.	X	
16	ADJUSTEDSECLow(m)	The mid point of the lower part of the crush zone trace that generally has a sinusoidal shape on the BIPS image.	X	
17	STRIKE(degrees)	Strike of first fracture set.	X	
18	DIP(degrees)	Dip of first fracture set.	X	

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

No	Column name in database	Content	Originally in PFL anomaly file	Interpretation of PFL anomalies
1	Q-flow rate (m ³ /s)	Flow rate coupled to one flow anomaly estimated from the measurement coupled to estimated head difference between borehole and undisturbed head in the rock (= Head diff(m)).	X (KLX02 values added)	
2	Head diff(m)	Estimated head difference between borehole and undisturbed head in the rock (= Head diff(m)).	X (KLX02 values added)	
3	PFL anom No	PFL anomaly No, used together with borehole ID for unique identification.		x
4	LA	Position if flow anomaly along the borehole (same starting coordinate as for secup, seclo in fracture and crush files).	X (KLX02 values added)	
5	TRANSMISSIVITY_TDA	Estimated transmissivity of flow anomaly.	X (KLX02 values added)	
6	L_MEASL_TDA	Estimated lower measurement limit for the transmissivity of the flow anomalies.	X (KLX02 values added)	
7	U_MEASL_TDA	Estimated upper measurement limit for the transmissivity of the flow anomalies.		
8	PFL-CONFIDENCE	Estimation of how certain the existence of the flow anomaly is	X (KLX02 values added)	
9	PFL-CONFIDENCE No	Index based on PFL-CONFIDENCE		(added sorting No)

No	Column name in database	Content	Originally in PFL anomaly file	Interpretation of PFL anomalies
10	STRIKE_mean	<p>Mean strike of fractures coupled to the flow anomaly.</p> <p>For one PFL anomaly in KAV01A and one in KLX02 , were we have Televiwer, it was not possible to identify any orientation, therefore missing data.</p> <p>The flow anomalies i KLX02 below 1,005 m have no orientations as the fracture have not been oriented and we have nether tried to couple the flow anomalies to fractures because the length correction is uncertain.</p>		x
11	DIP_mean	Mean dip of the fracture coupled to the flow anomaly.		X
12	Fract_Crush	<p>1 = fracture, 2 = fracture+crush, 3 = crush. If 2: the orientation of the fractures have been used as the orientation of the PFL anomaly.</p> <p>If 3 the orientation of set 1 for the crush zone has been used as the orientation for the PFL anomaly.</p>		X
13	No_of_Fract	No of fractures identified for one PFL anomaly as possible flowing features.		X
14	effecting_Several	If 2 , it indicates that one of the fractures also is identified as a possible flowing feature for nearby PFL anomaly. If 3, it is 2 fractures that also are identified as possible flowing features for nearby PFL anomalies, and so on.		X
15	Normed_R	The normalized length of pole vector to the fracture plane. The smaller value the larger spread.		X
16	Fisher's C	Fisher concentration value. For Normalized vectors NR < 0.6 , Dips were used to analyse mean orientation and the Fisher concentration for each set.		X
17	conc_class_NR/FC	<p>Classification of how certain the orienataition of the PFL anomalies:</p> <p>High : 0.8 = < NR < 1 or FC > = 20,</p> <p>Medium: 0.6 = < NR < 0.8 or 5 = < FC < 20,</p> <p>Low: NR < 0.6 or FC < 5.</p>		x

Table 3-4. Database content. Structure of essential columns in the databases for fracture, crush and PFL anomalies. The Rock type, DZ etc that the object (fracture, crush or PFL anomaly) is found in.

No	Column name in database	Content	Originally in Boremap file/Geology model/ Single-hole interp	Interpretation of PFL anomalies
1	Rock domain, RD	Rock domain according to model version L1.2	Model inf from geology	
2	DZ-RVS	Name of Deformation zone in RVS model according to model version L1.2	Model inf from geology	
3	DZ. NAME	Name of Deformation in the geological single-hole interpretation according to model version L1.2	Single-hole interp	
4	DZ-DUC	Indicator if the DZ-singlehole is mainly brittle, brittle with ductile component or mainly ductile. (Was not implemented in L1.2)	–	
5	Rock unit, RU	Name Rock Unit in the geological single-hole interpretation according to model version L1.2	Single-hole interp	
6	Rock type. CODE	The SICADA code for the Rock type, NAME	Boremap	
7	Rock type, NAME	The Rock type Name found in SICADA	Boremap	

4 KSH01A

The borehole was flow logged with PFL using 5 m test sections in borehole section interval 100 to 1,000 m. Flow logging for flow anomalies was made in the 5 m test sections with measurable flow rates.

The borehole included 82 PFL anomalies, of which 50 are mapped as “certain”. To some anomalies, a cluster of identified open fractures can be correlated (up to as much as eight or nine individual fractures in some cases), and it is therefore very hard to determine a certain fracture as conductive. Most of the anomalies have, however, only been correlated to one or a couple of open fractures.

In KSH01A, a few fractures, mapped as open, have been identified also within borehole sections defined as crush zone. No crush zones have, however, been correlated to flow anomalies.

No sealed fractures have been used to explain the occurrence of flow anomalies in this borehole.

In the BIPS picture for anomaly no 46, a feature looking very much like a crush zone can be seen just at the level for the detected flow. This feature is not mapped as a crush zone in the Boremap data file, instead it is noted as “core loss”. For this anomaly open fractures positioned above this “core loss” have been used to explain the flow.

Number of fractures/crush zones in a distance of 0–2 dm from anomaly	215 (fr)
Number of fractures in a distance of 2–4 dm from anomaly	5
Number of fractures in a distance of 4–5 dm from anomaly	1
Number of fractures in a distance longer than 5 dm from anomaly	0
Number of PFL anomalies not correlated to open fractures	0
Number of sealed fractures (broken/unbroken) in a distance of 1 dm from PFL anomalies not correlated to open fractures	0/0

An overview of the interpretation of the flow anomalies and mapped open fractures are shown in Figure 4-1. Details are shown in Appendix 1.

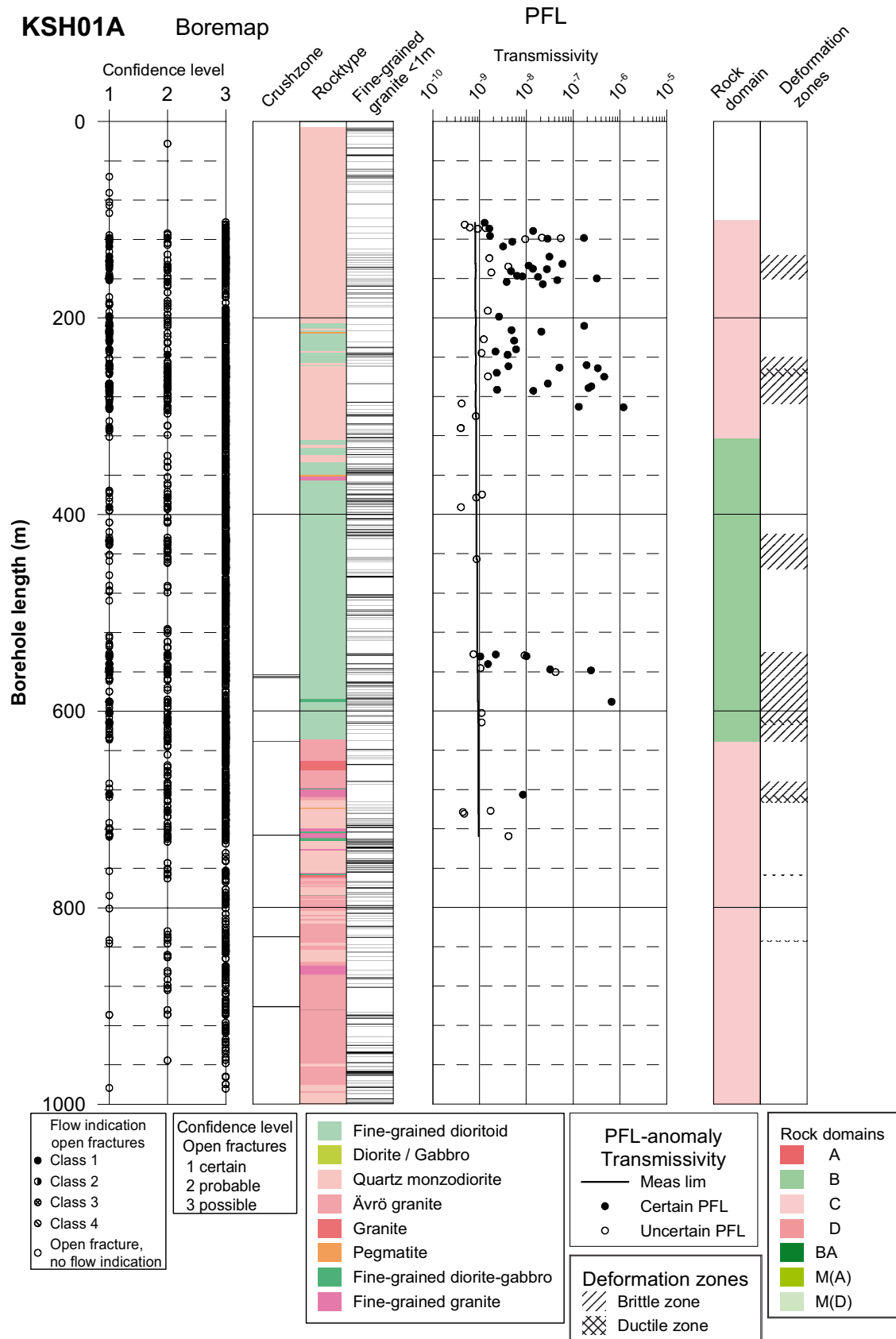


Figure 4-1. Correlation of hydraulic features, based on PFL overlapping measurements, to mapped open/party open fractures (all plotted as open fractures above) or crush zones. Interpreted deformation zones (mainly brittle or ductile) and Rock Domains shown to the right. Fractures with PFL confidence (flow indication class above) > 4 are not plotted.

5 KSH02A

The borehole was flow logged with PFL using 5 m test sections in borehole section interval 80 to 1,000 m (borehole length). Flow logging for flow anomalies was made in the 5 m test sections with measurable flow rates.

The borehole included a total of 82 PFL anomalies (52 mapped as “certain”). Also in this borehole some anomalies may be caused by more than one fracture.

In borehole sections mapped as crush zones, no fractures mapped as open have been identified. Nine of the 40 mapped crush zones have been correlated to flow anomalies. Three of these nine can be correlated to two neighbouring flow anomalies. This is noted in the appendix text.

For two anomalies, no 29 and 80, fractures mapped as sealed have been used to explain the flow. These anomalies are mapped as “certain”. The used fractures are mapped as “certainly” sealed, although broken. For both anomaly no 29 and 80, the nearest open fracture (not corresponding to another anomaly) is located approximately 8 dm from the anomaly.

Number of fractures/crush zones in a distance of 0–2 dm from anomaly	215 (fr) + 9 (cr)
Number of fractures in a distance of 2–4 dm from anomaly	5
Number of fractures in a distance of 4–5 dm from anomaly	1
Number of fractures in a distance longer than 5 dm from anomaly	0
Number of PFL anomalies not correlated to open fractures	2
Number of sealed fractures (broken/unbroken) in a distance of 1 dm from PFL anomalies not correlated to open fractures	2/0

An overview of the interpretation of the flow anomalies and mapped open fractures are shown in Figure 5-1. Details are shown in Appendix 2. Flow anomalies correlated to sealed fractures have not been included in the following figure or in the plots in Appendix 2.

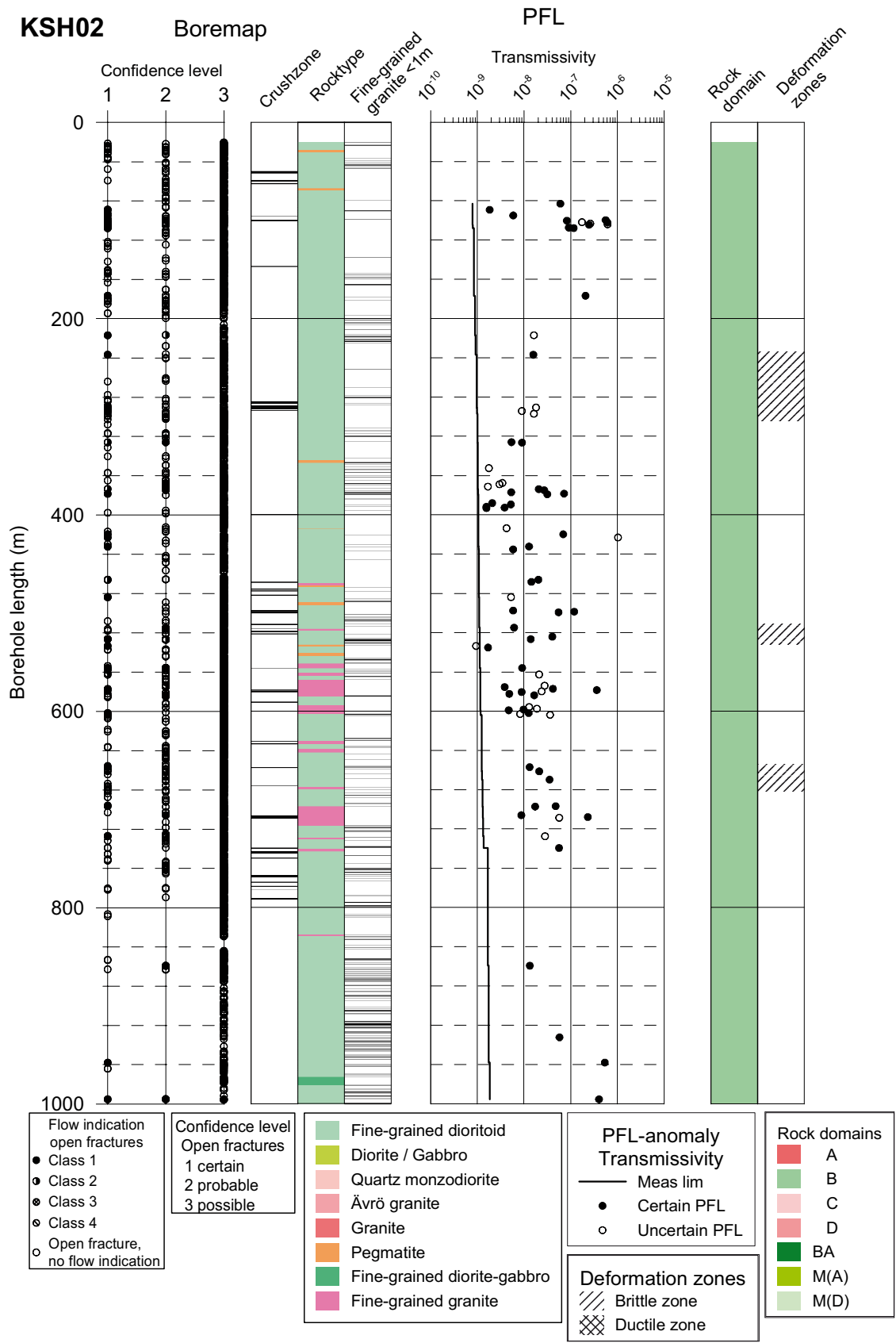


Figure 5-1. Correlation of hydraulic features, based on PFL overlapping measurements, to mapped open/partially open fractures (all plotted as open fractures above) or crush zones. Interpreted deformation zones (mainly brittle or ductile) and Rock Domains shown to the right. Fractures with PFL confidence (flow indication class above) > 4 are not plotted.

6 KAV01

The borehole was flow logged with PFL using 5 m test sections in borehole section interval 70 to 734 m. Flow logging for flow anomalies was made in the 5 m test sections with measurable flow rates.

The borehole included 181 PFL anomalies (of which 115 are mapped as “certain”), and for most of the anomalies it was impossible to determine only one single corresponding fracture.

The BIPS images, based on televiewer, of KAV01 were much harder to evaluate than the BIPS images of KSH01A and KSH02A. The fractures were hard to see, but fortunately the fractures seen in the image did generally well match the adjusted secup taken from the Boremap data. The features could be identified as the same as in the image shown with the BDT file in the BIPS Viewer program.

When evaluating this borehole, it was difficult to find an explanation for anomaly no 28, which is mapped as “uncertain” and has a very low transmissivity ($4.18E-10$ m²/s). The open fracture chosen to match the anomaly is situated 13 dm from the anomaly. The nearest sealed/broken fracture, which in this case could have been considered as an alternative explanation, was judged to be too distant (7 dm from the anomaly) to be probable. Perhaps, as no satisfying explanation for it can be found in the data used, it could be discussed whether this anomaly exists or not.

For three anomalies in this borehole, sealed (broken) fractures have been used to explain the flow. These anomalies are numbered 47, 105 and 130. Two of them (47 and 130) are mapped as “uncertain”. The reason for choosing sealed fractures is that no open fracture or crush zone has been located near the anomalies.

For no 47, the nearest open fracture is found more than 2 m from the anomaly. The sealed/broken fracture that has been chosen to explain the flow is, however, not very close to the anomaly either (7 dm). It should maybe be discussed (as in the case of anomaly no 28 above) if this anomaly, which has a very low transmissivity ($6.13E-10$ m²/s), really exists.

One anomaly, no 85, cannot be correlated to any mapped geological feature. The nearest sealed/broken fracture is almost 2 m above the anomaly. The nearest **open** fracture is almost 2 m away and is correlated to anomaly no 86. The correlation for anomaly no 86 is, however, not very good either – the fracture is situated 0.7 m below the anomaly (PFL confidence = 7). Both these anomalies are mapped to be “certain”.

In a few cases, a single open fracture may have influence on several anomalies; when this occurs it is noted specifically in the appendix to this report and in the data file. This especially occurs in cases where sinus-shaped, open fractures with high amplitudes coincide with flow anomalies located relatively close to one another.

In borehole sections mapped as crush zones, no fractures mapped as open have been identified. Eight of the 27 mapped crush zones have been correlated to flow anomalies in this evaluation. One of the zones is used to explain three different flow anomalies (no 165, 166 and 167).

Number of fractures/crush zones in a distance of 0–2 dm from anomaly	411(fr) + 8 (cr)
Number of fractures in a distance of 2–4 dm from anomaly	13
Number of fractures in a distance of 4–5 dm from anomaly	2
Number of fractures in a distance longer than 5 dm from anomaly	4
Number of PFL anomalies not correlated to open fractures	3
Number of sealed fractures (broken/unbroken) in a distance of 1 dm from PFL anomalies not correlated to open fractures	1/0
Number of sealed fractures (broken/unbroken) in a distance longer than 1 dm from PFL anomalies not correlated to open fractures	2/0

An overview of the interpretation of the flow anomalies and mapped open fractures are shown in Figure 6-1. Details are shown in Appendix 3. Flow anomalies correlated to sealed fractures have not been included in the following figure or in the plots in Appendix 3.

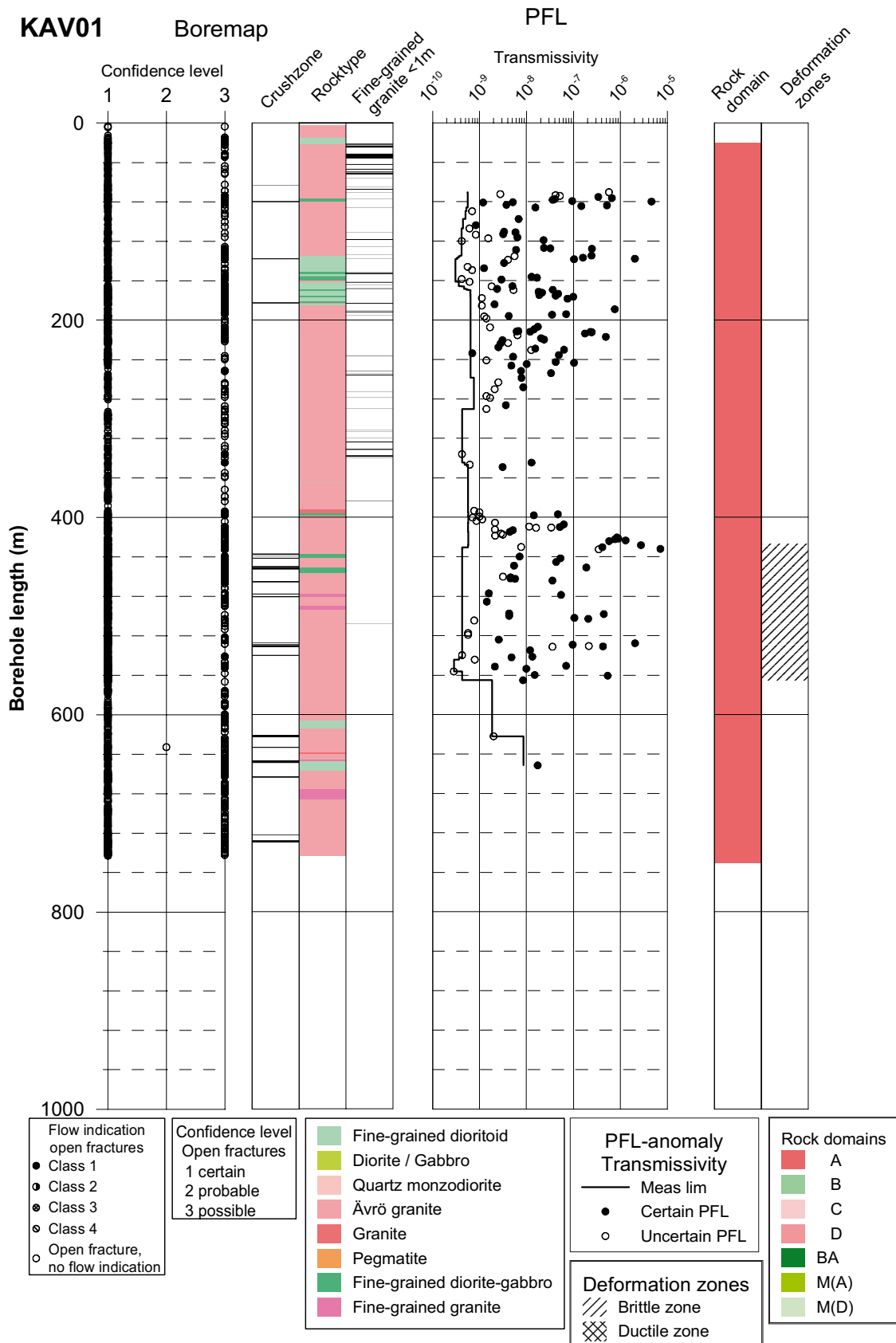


Figure 6-1. Correlation of hydraulic features, based on PFL overlapping measurements, to mapped open/partly open fractures (all plotted as open fractures above) or crush zones. Interpreted deformation zones (mainly brittle or ductile) and Rock Domains shown to the right. Fractures with PFL confidence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

7 References

Rouhianen P, Pöllänen J, 2003a. Oskarshamn site investigation. Difference flow measurements in borehole KSH01A at Simpevarp, SKB P-03-70, Svensk Kärnbränslehantering AB.

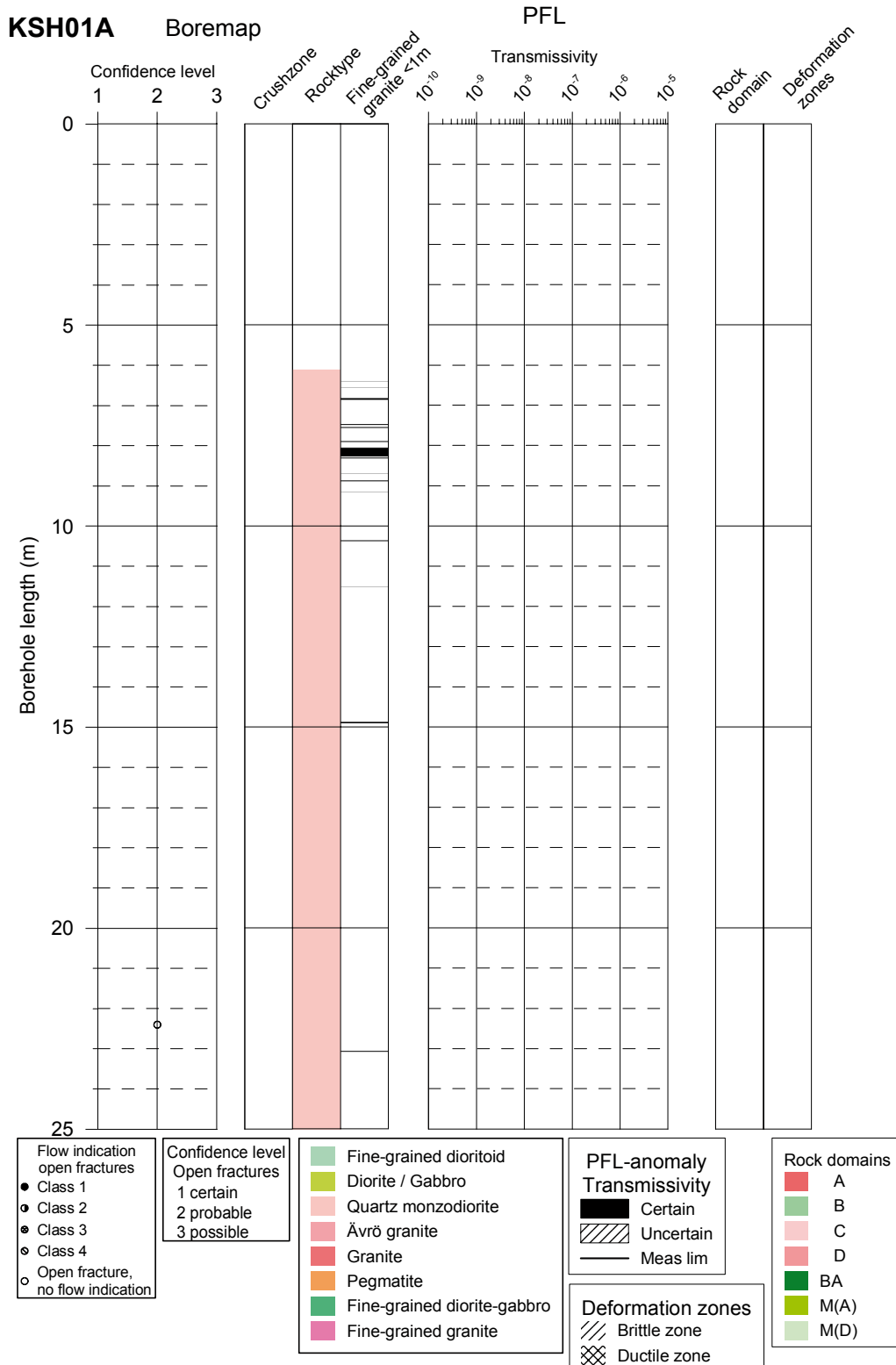
Rouhianen P, Pöllänen J, 2003b. Oskarshamn site investigation. Difference flow measurements in borehole KSH02 at Simpevarp, SKB P-03-110, Svensk Kärnbränslehantering AB.

Rouhianen P, Pöllänen J, 2004a. Oskarshamn site investigation. Difference flow measurements in borehole KAV01 at Ävrö, SKB P-04-213, Svensk Kärnbränslehantering AB.

Rouhianen P, Pöllänen J, 2004b. Forsmark site investigation. Difference flow measurements in borehole KFM04A, SKB P-04-190, Svensk Kärnbränslehantering AB.

KSH01A

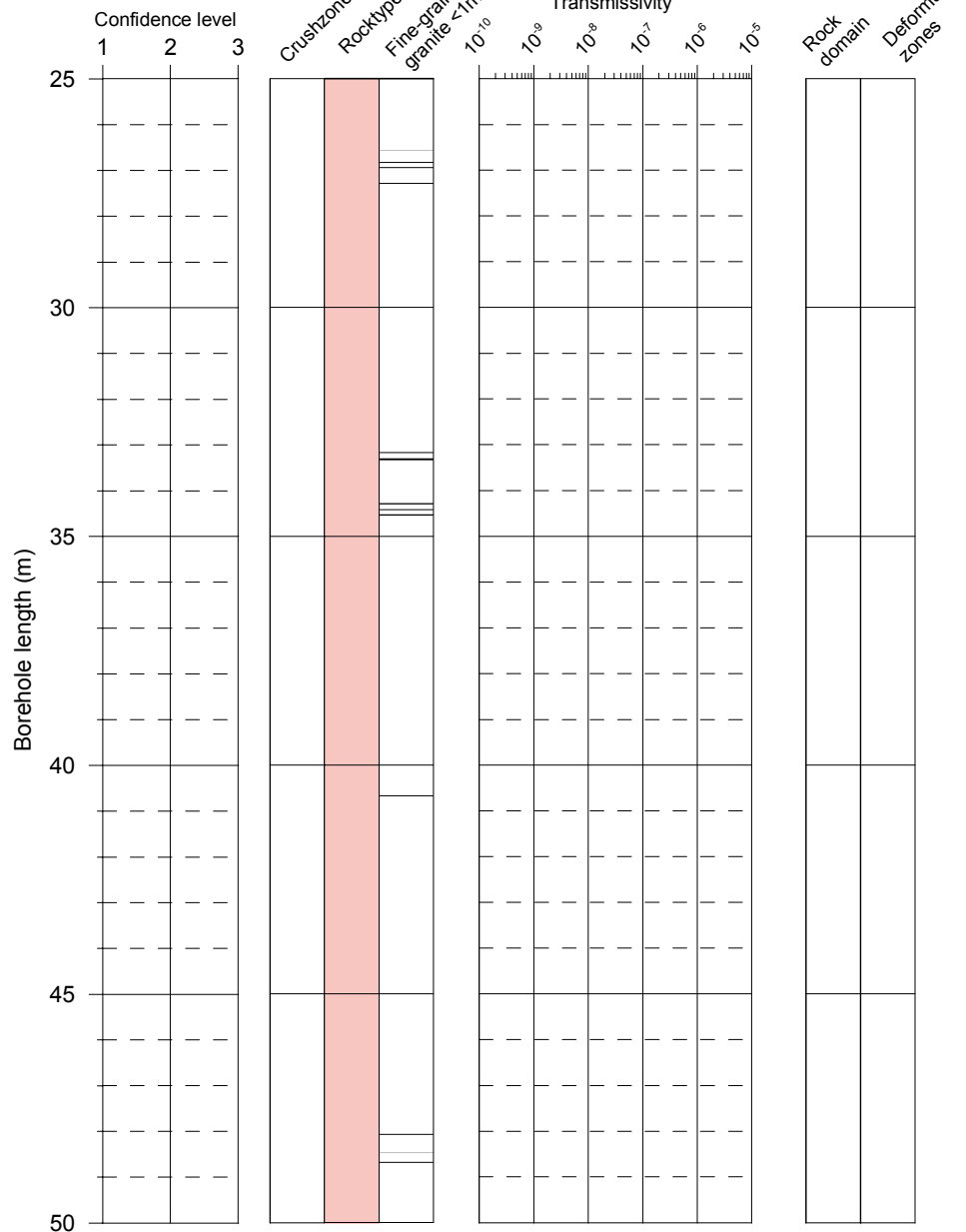
In this appendix plots showing flow log anomalies to core mapped features in KSH01A for every 25 m of the borehole are found. BIPS images of PFL anomalies are also found.



KSH01A

Boremap

PFL



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 dioritoid
- Diorite / Gabbro
- Quartz monzodiorite
- Ävrö granite
- Granite
- Pegmatite
- Fine-grained diorite-gabbro
- Fine-grained granite

PFL-anomaly
Transmissivity

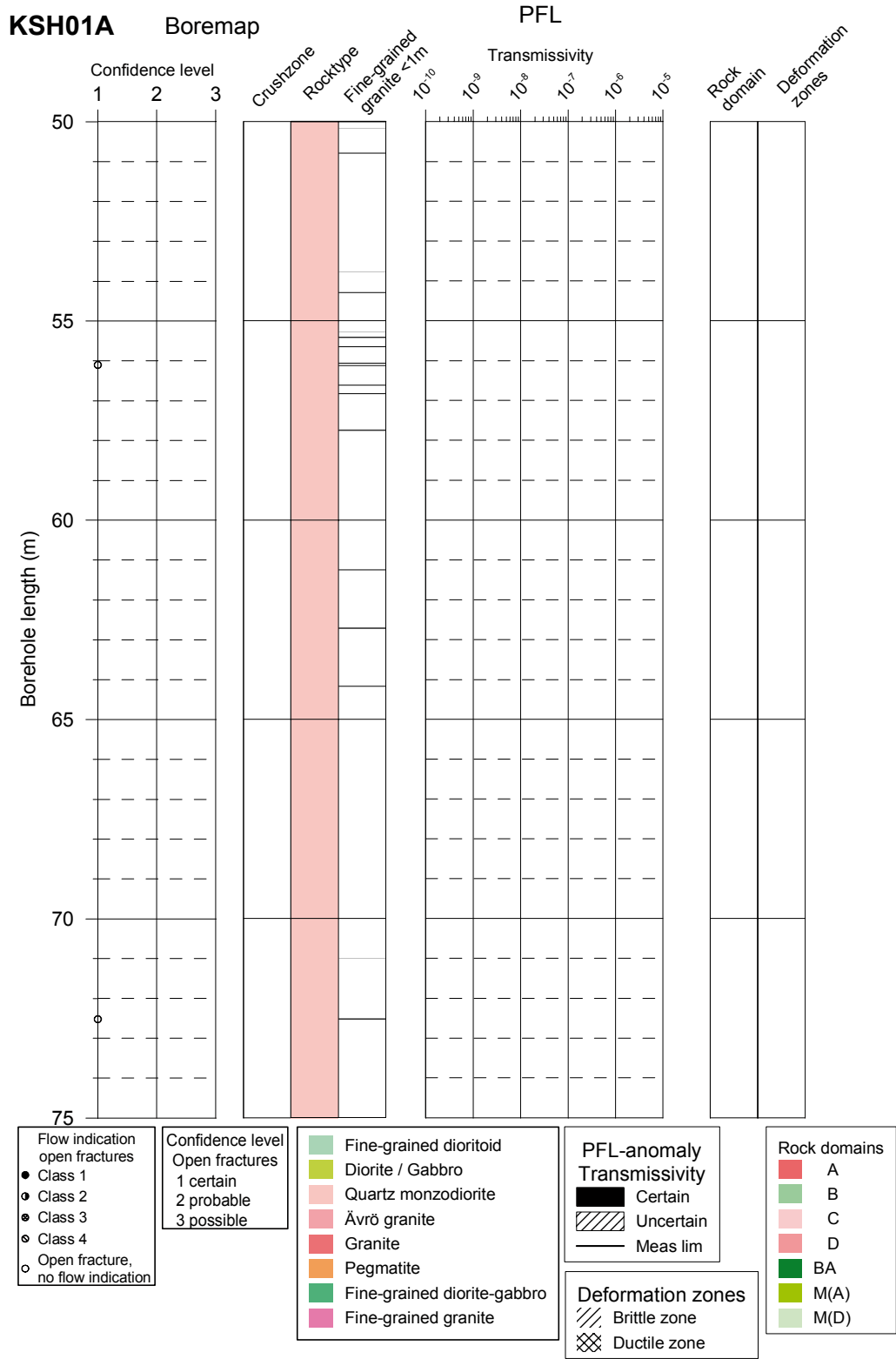
- Certain
- ▨ Uncertain
- Meas lim

Deformation zones

- ▨ Brittle zone
- ▨ Ductile zone

Rock domains

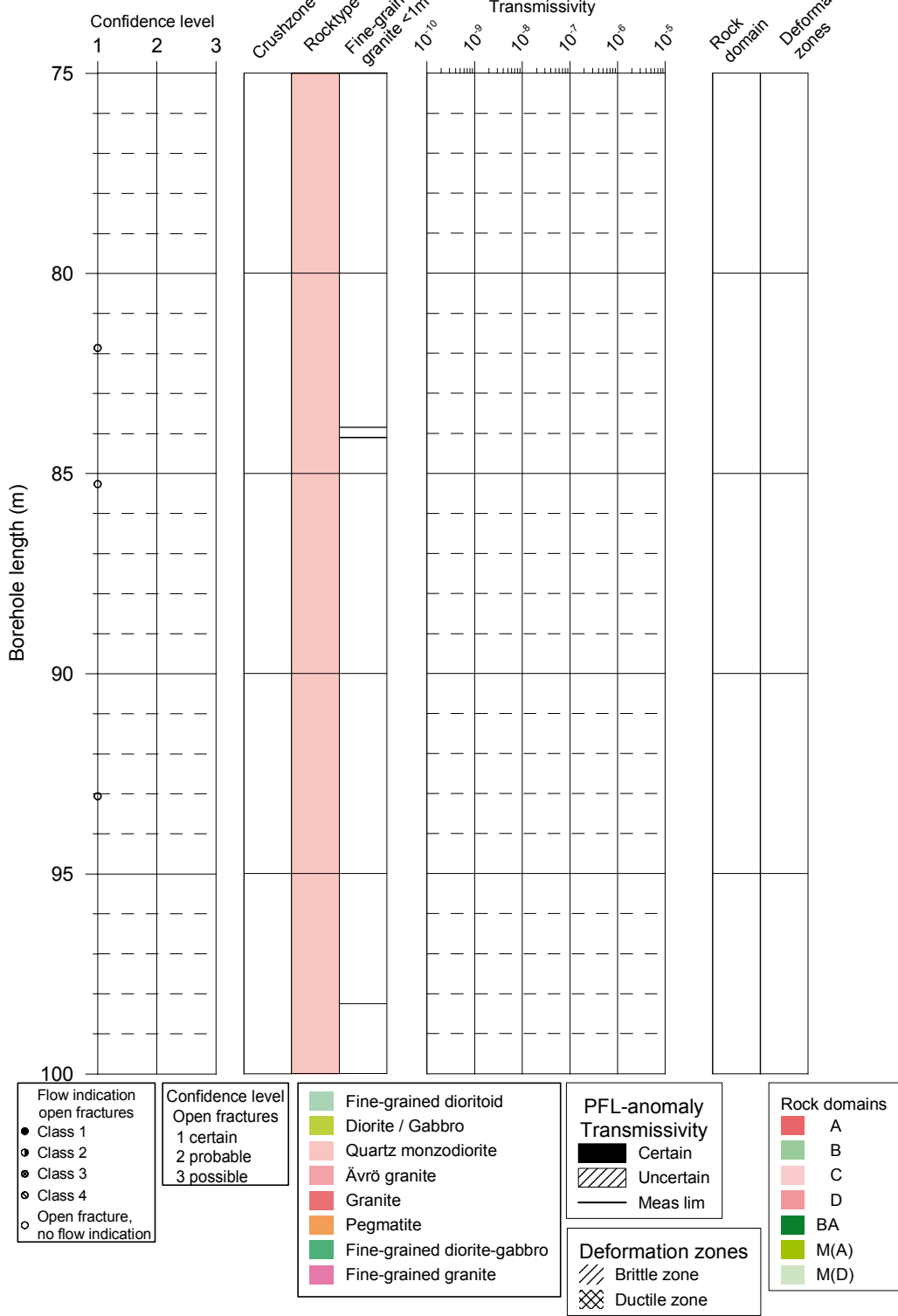
- A
- B
- C
- D
- BA
- M(A)
- M(D)

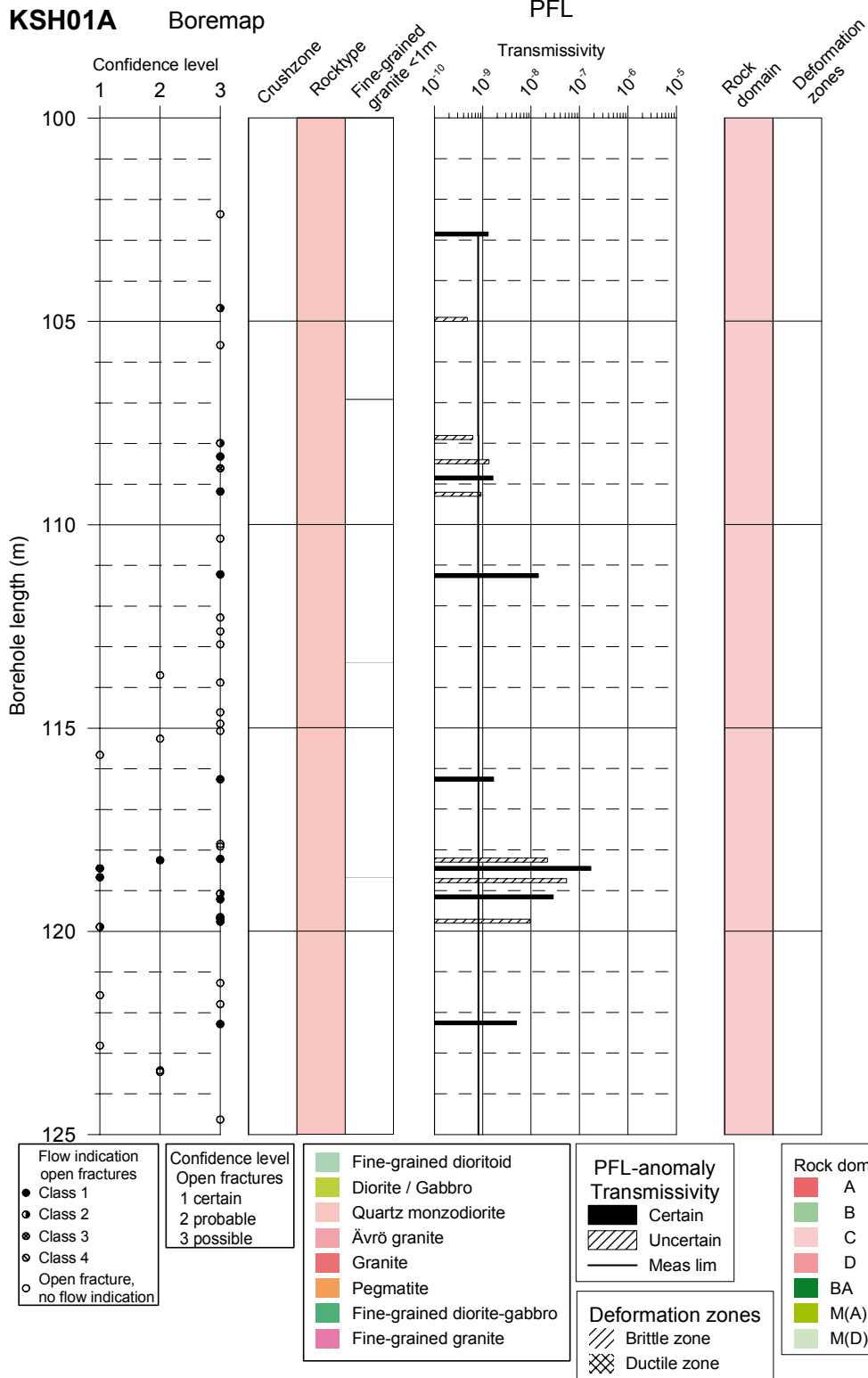


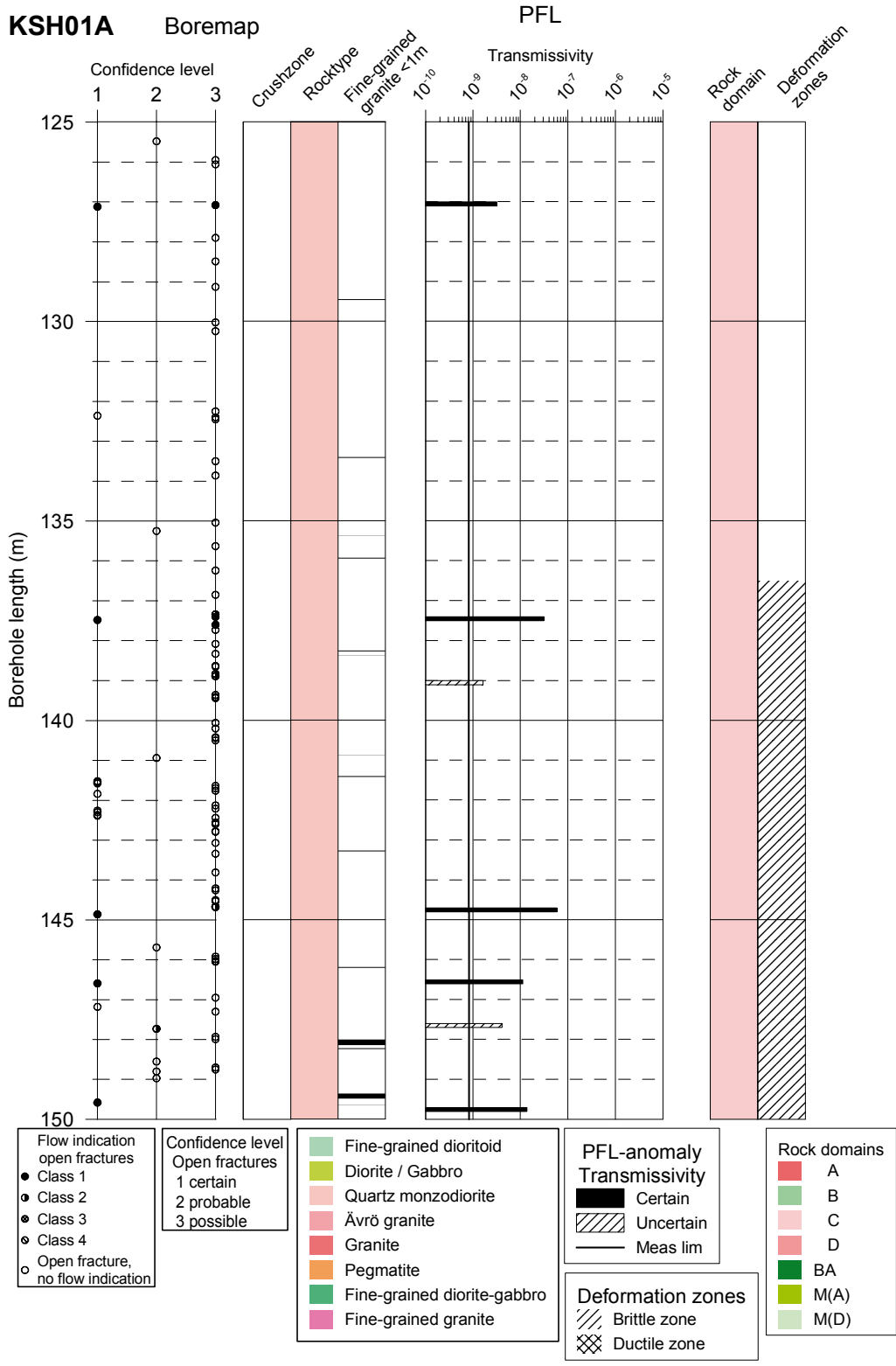
KSH01A

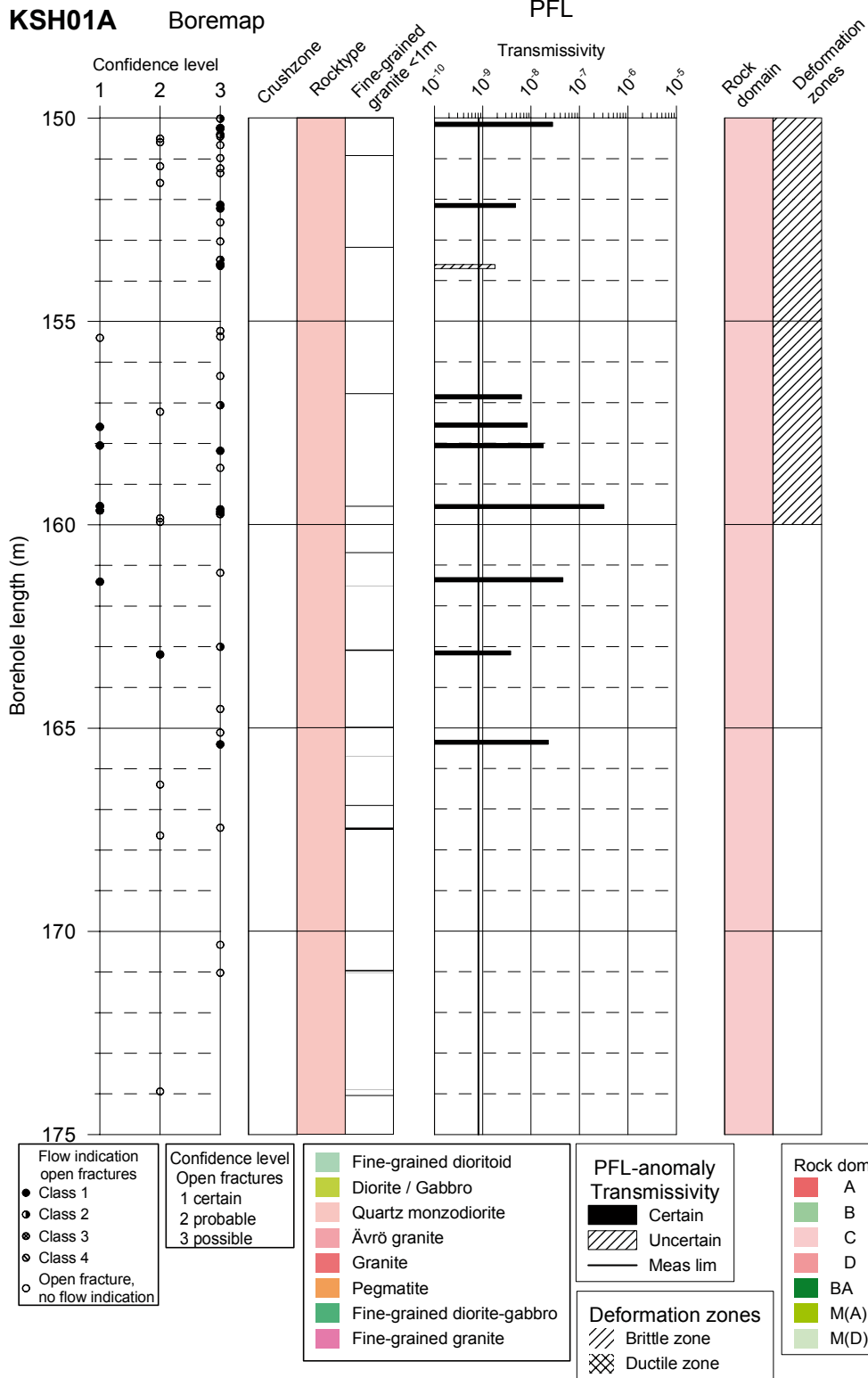
Boremap

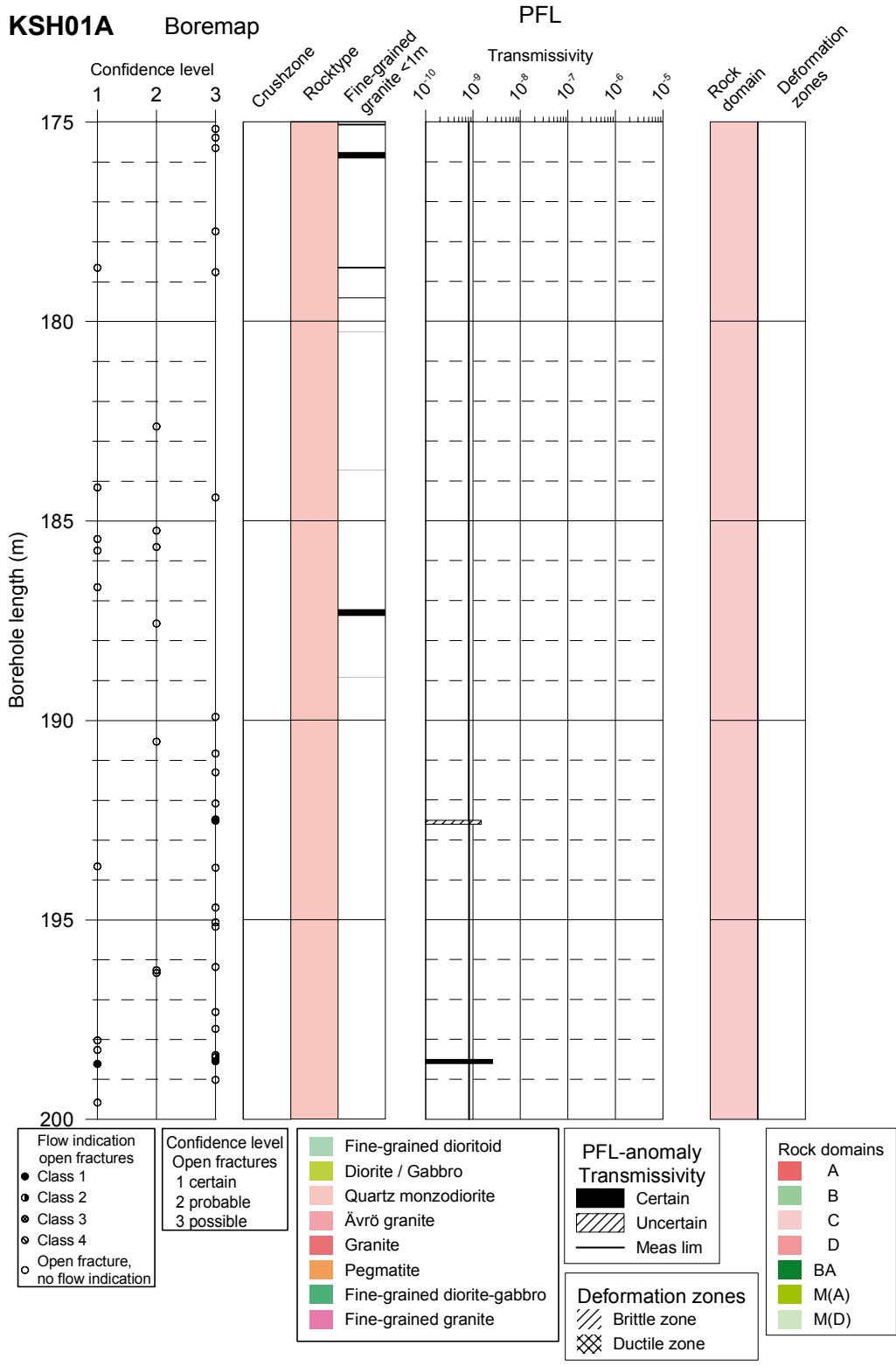
PFL

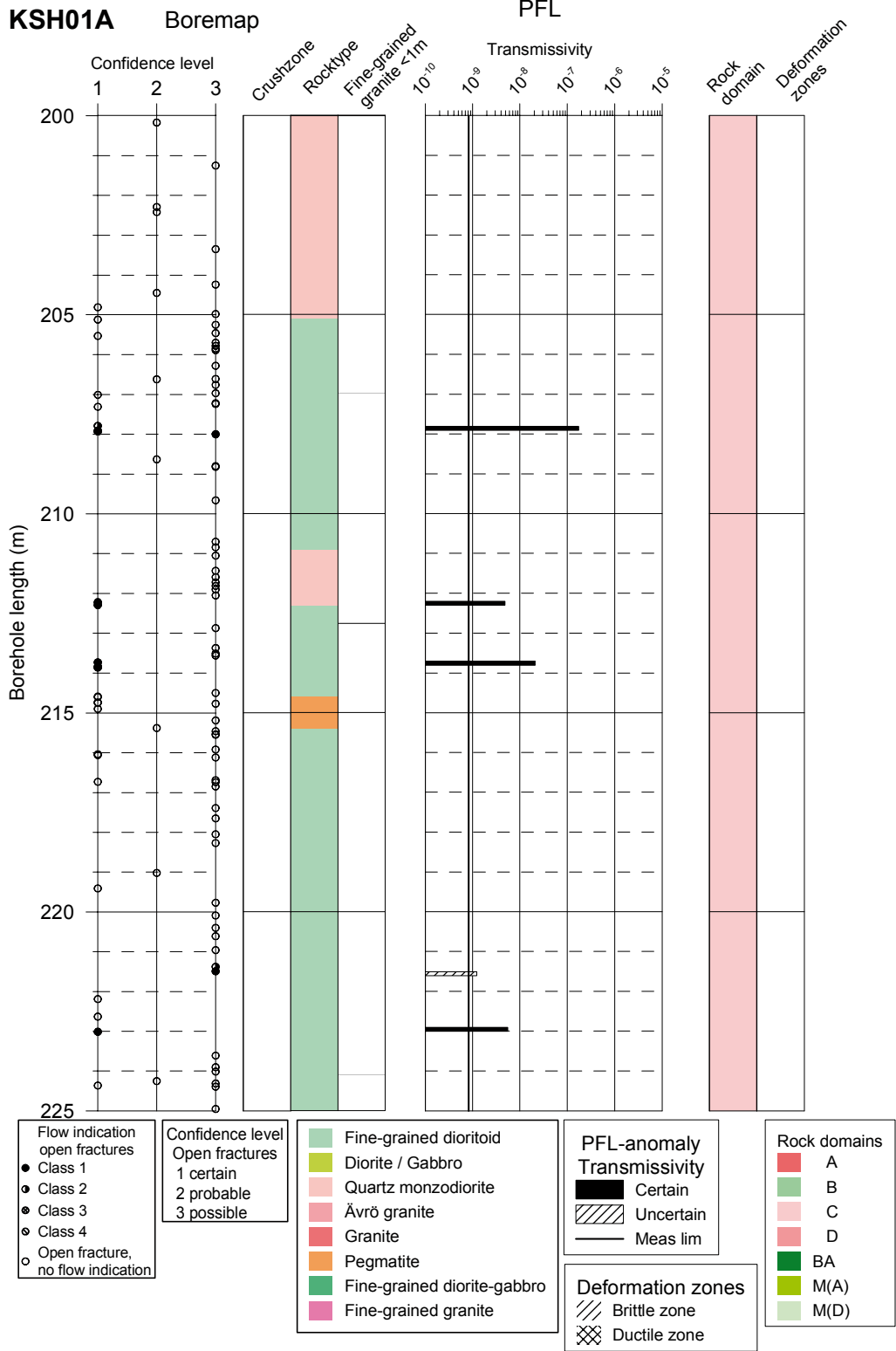








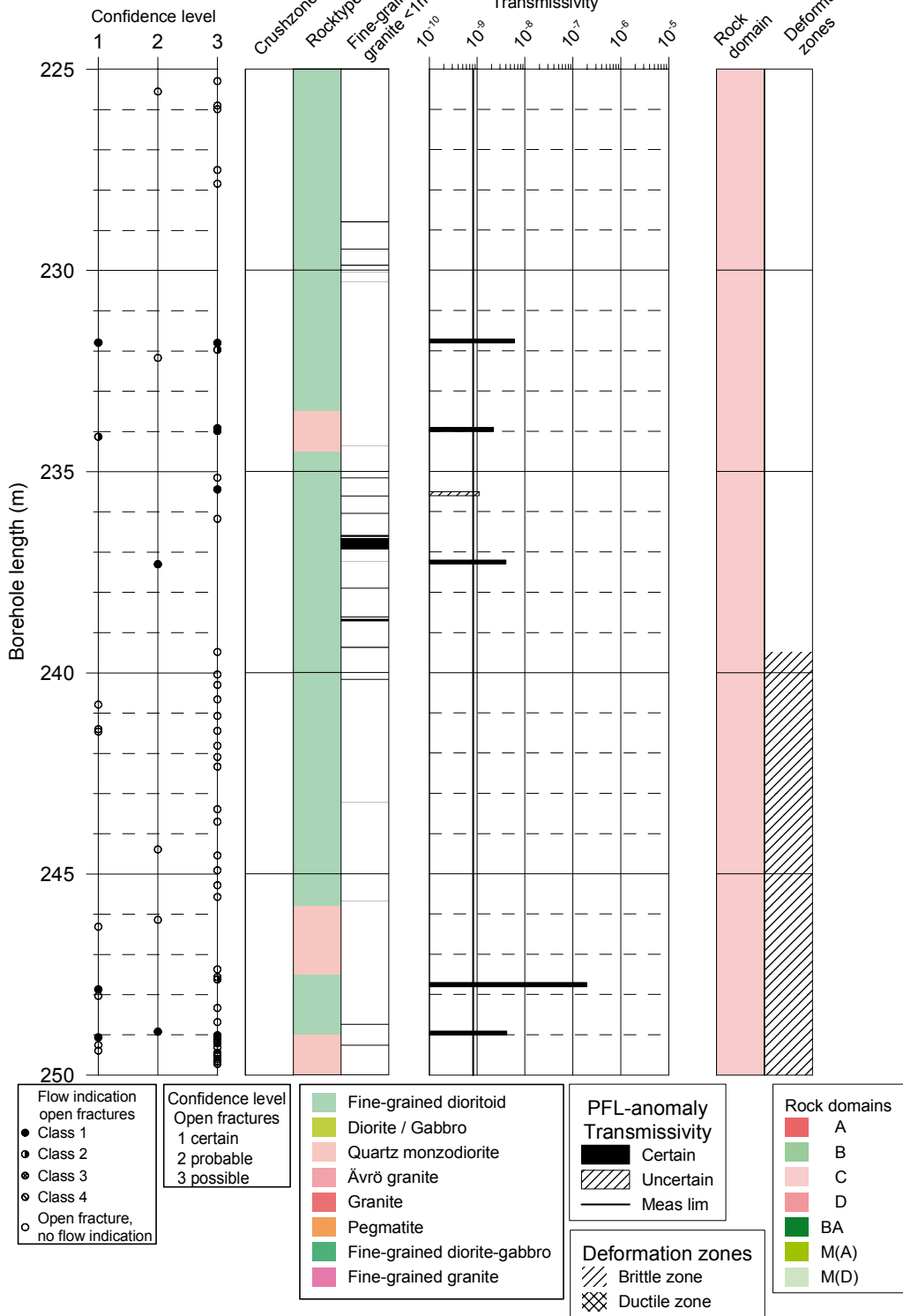




KSH01A

Boremap

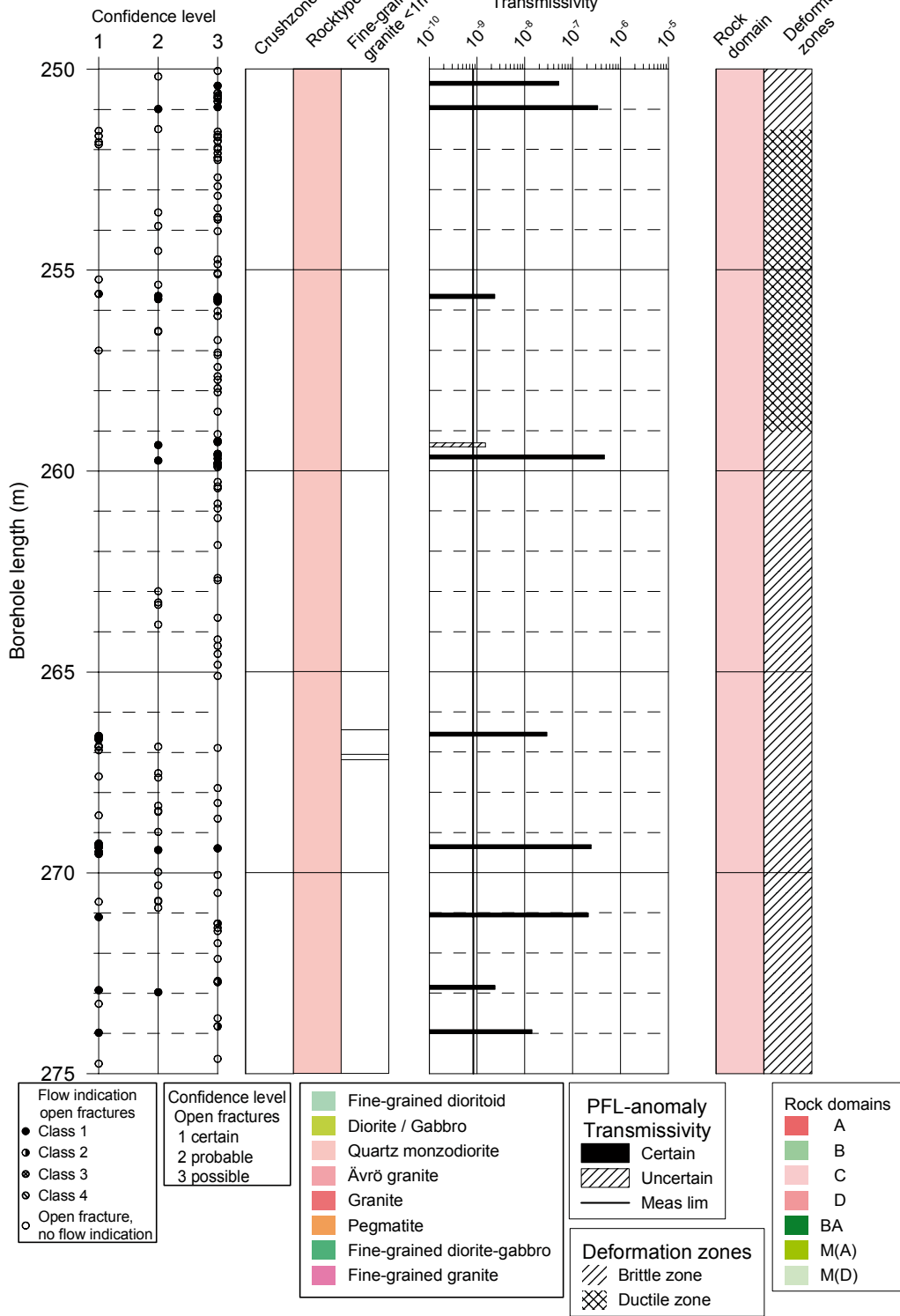
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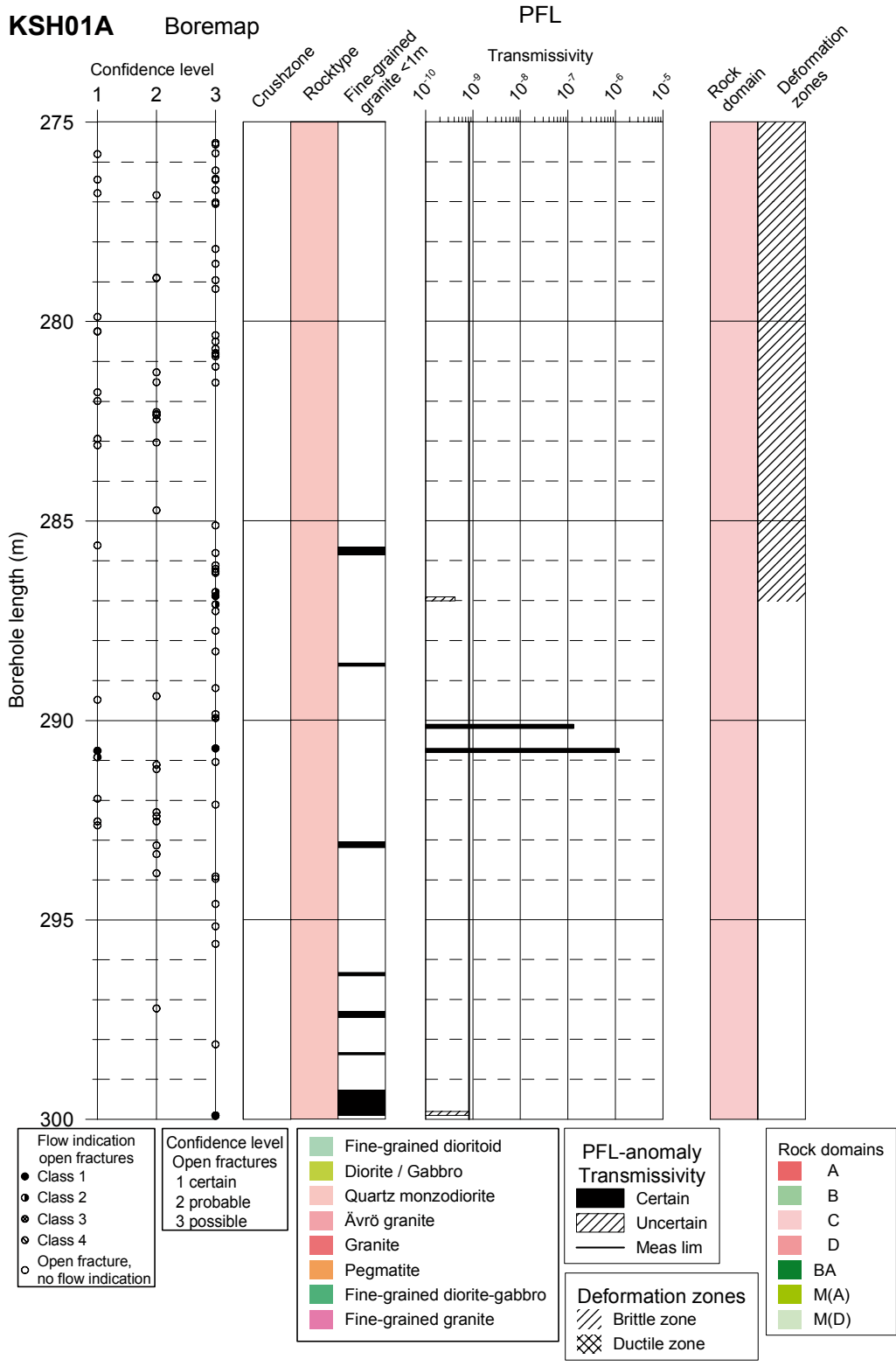


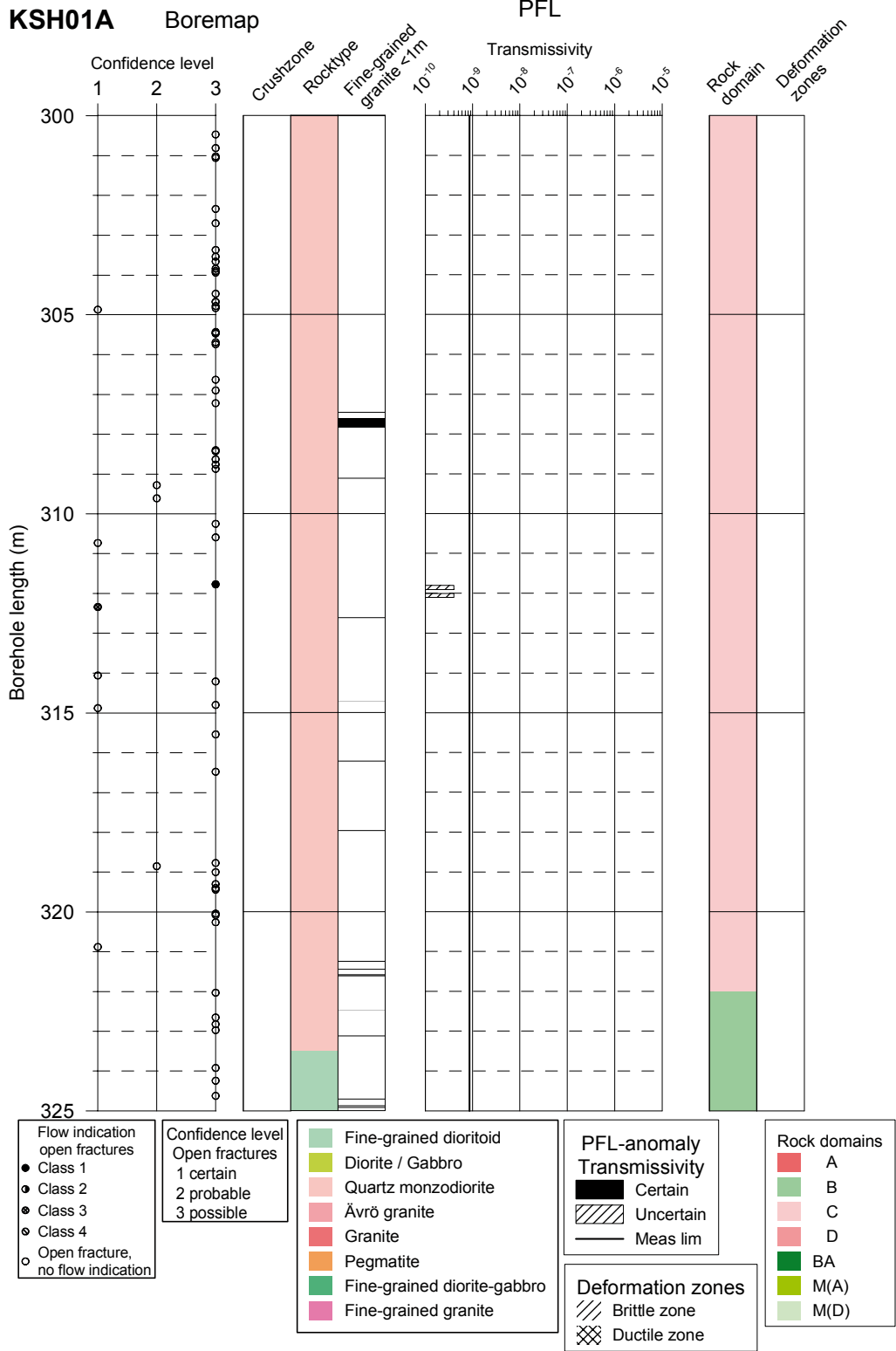
KSH01A

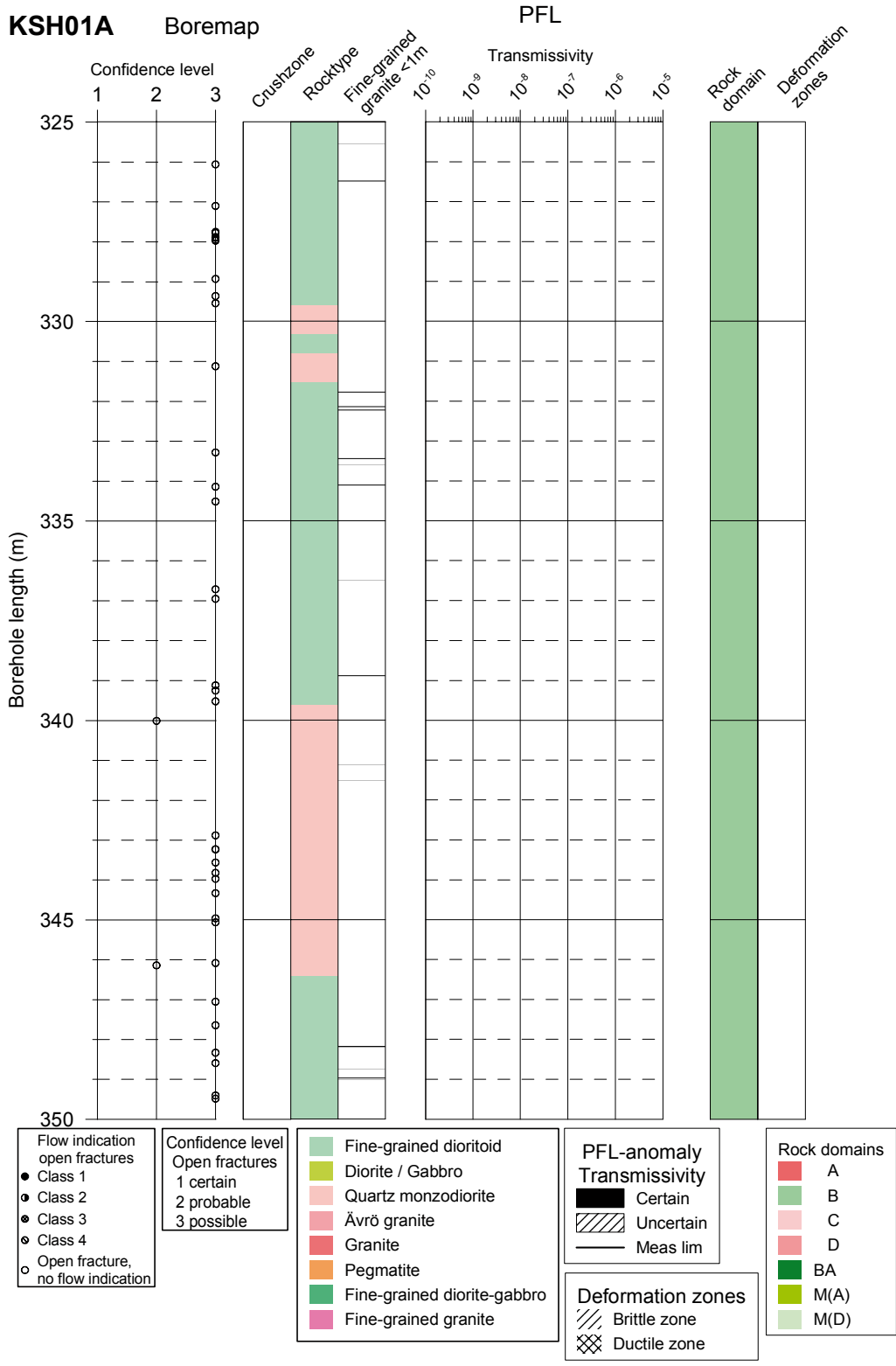
Boremap

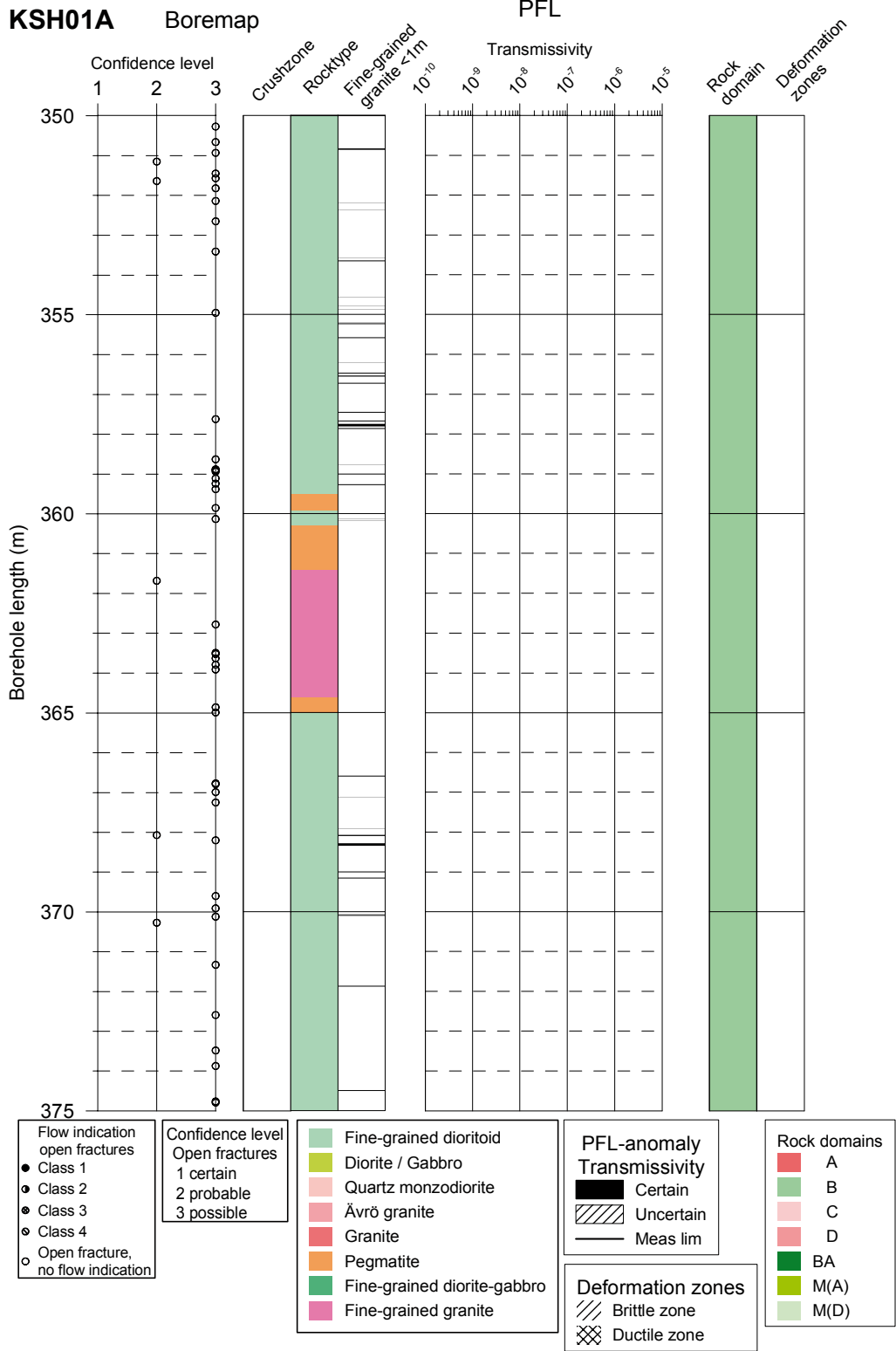
PFL

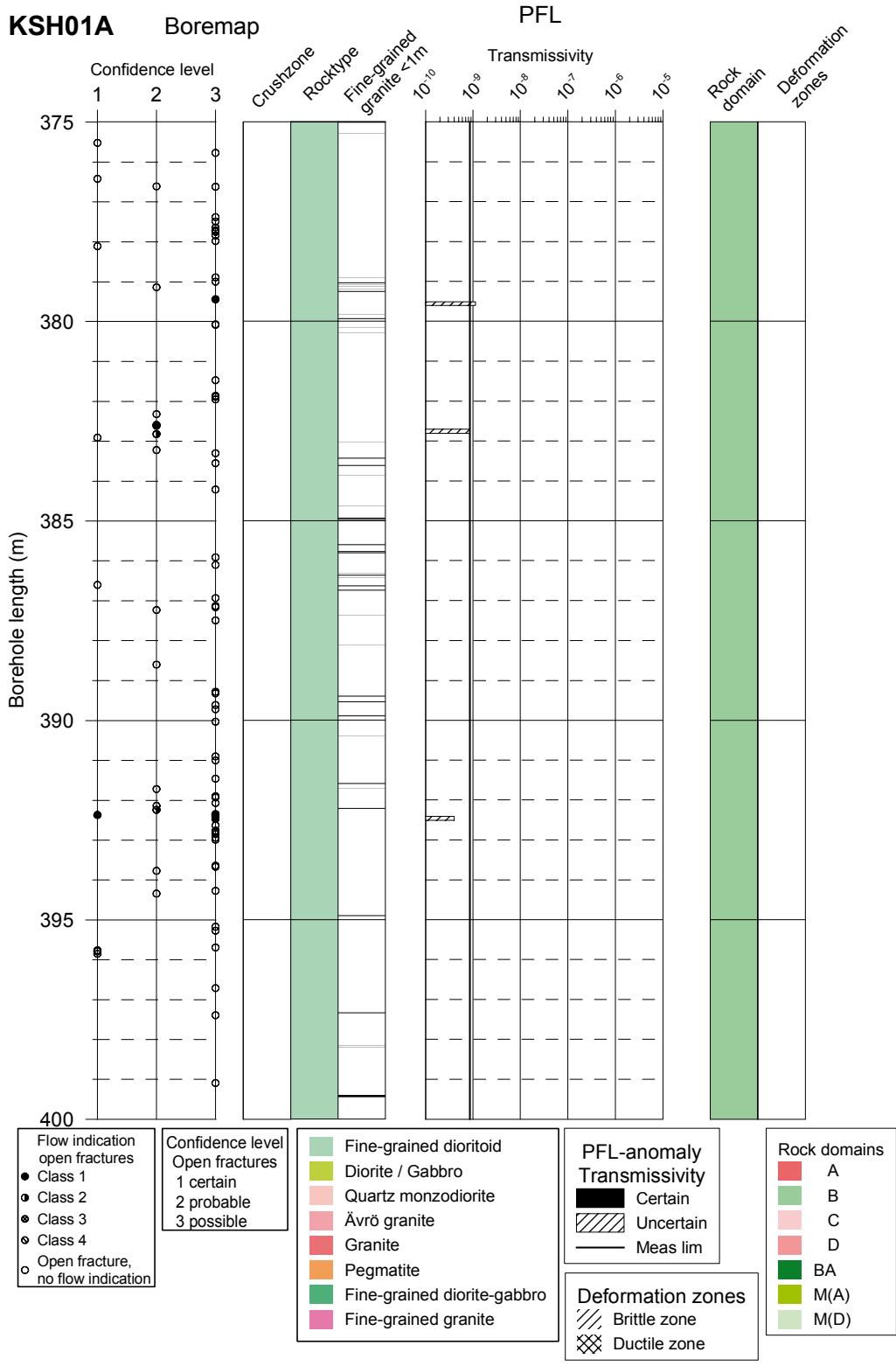


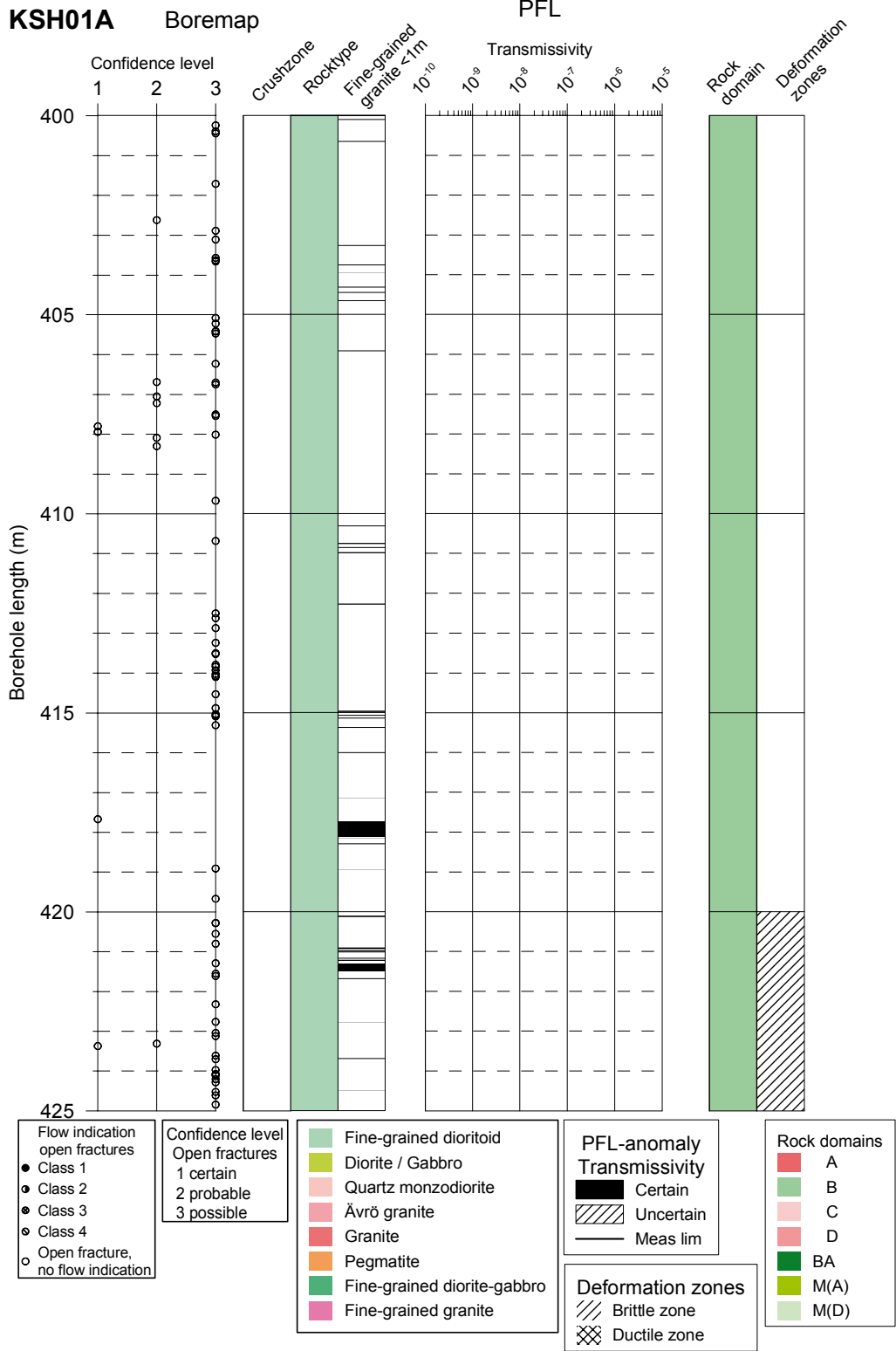


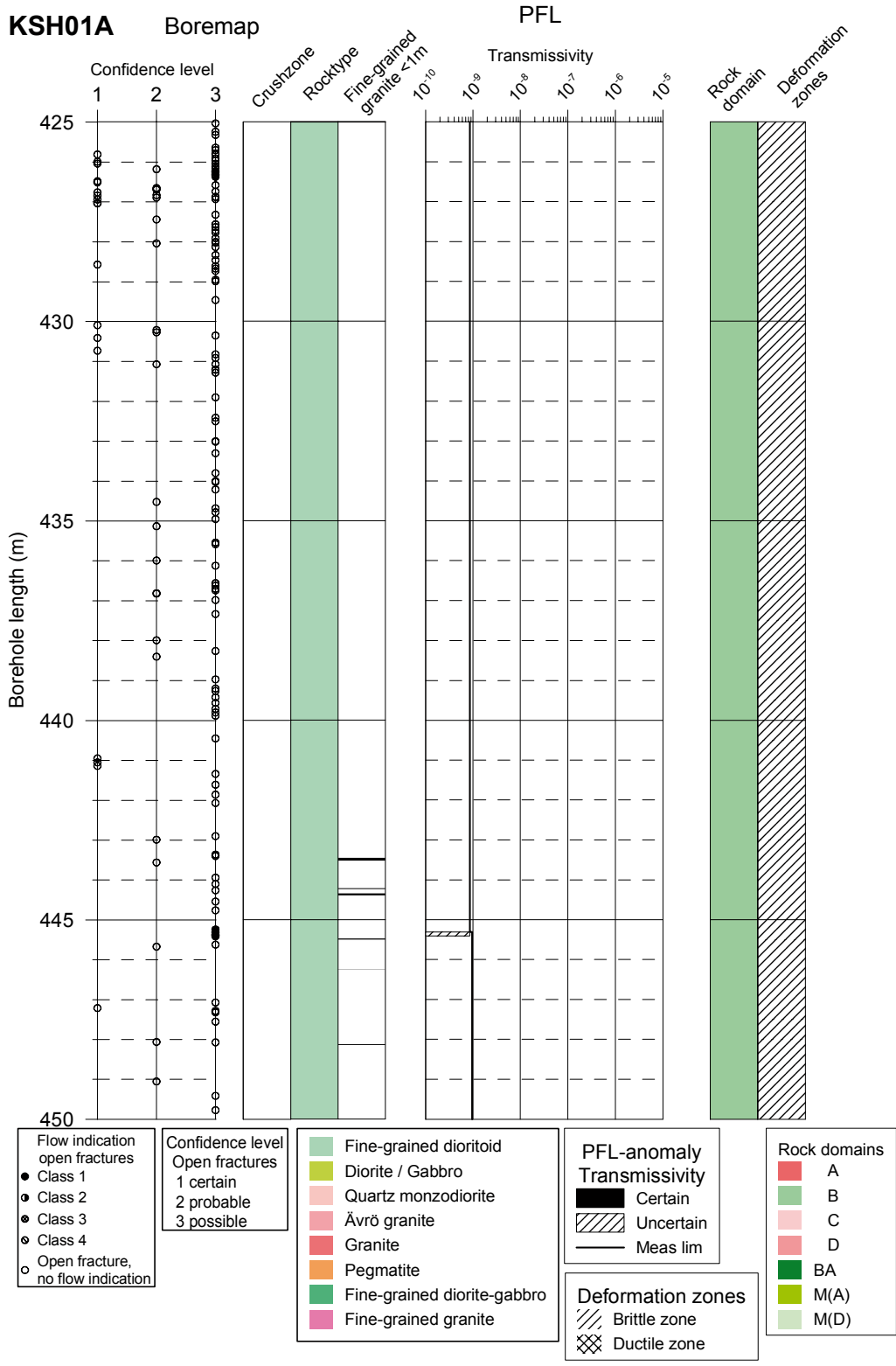


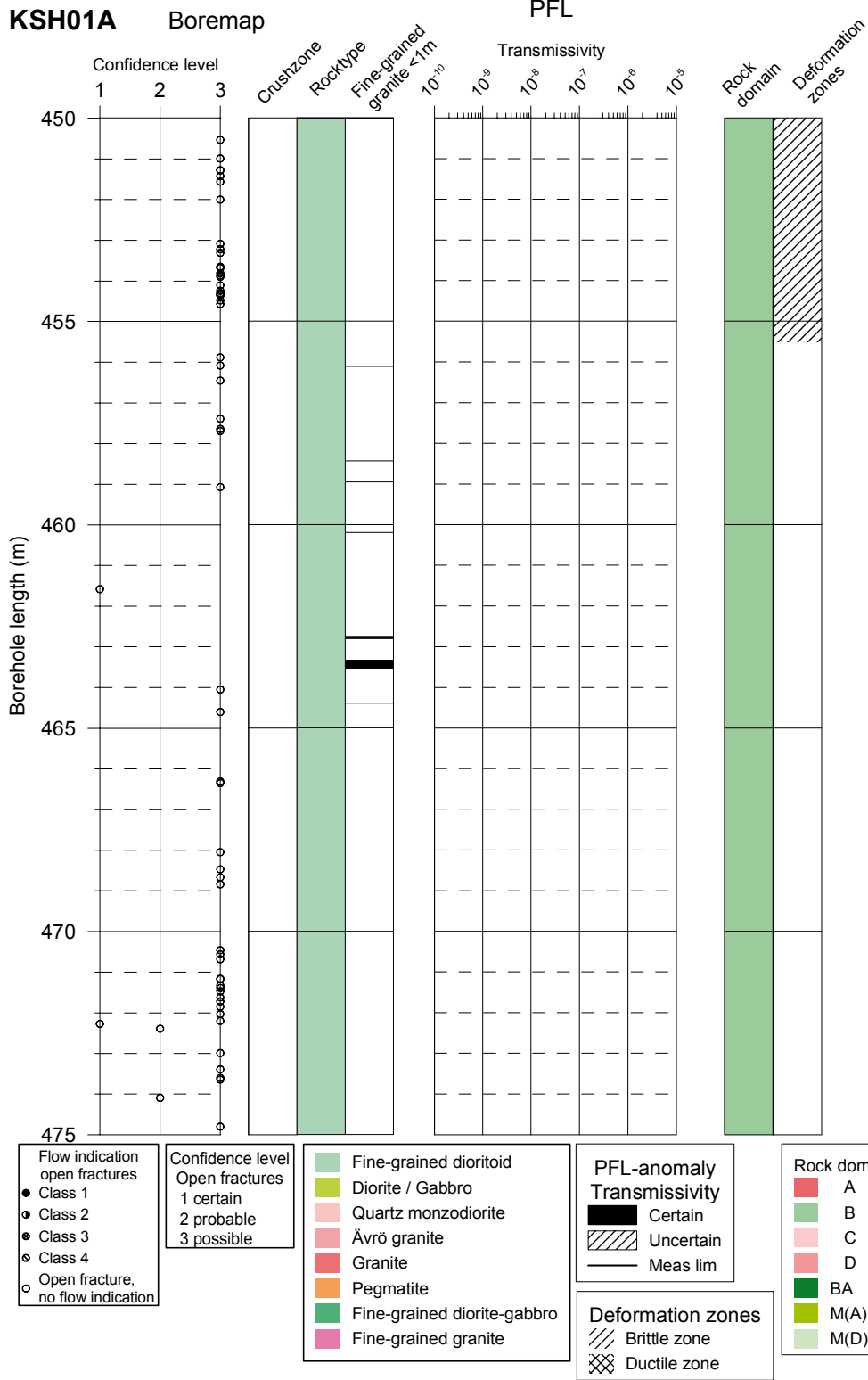


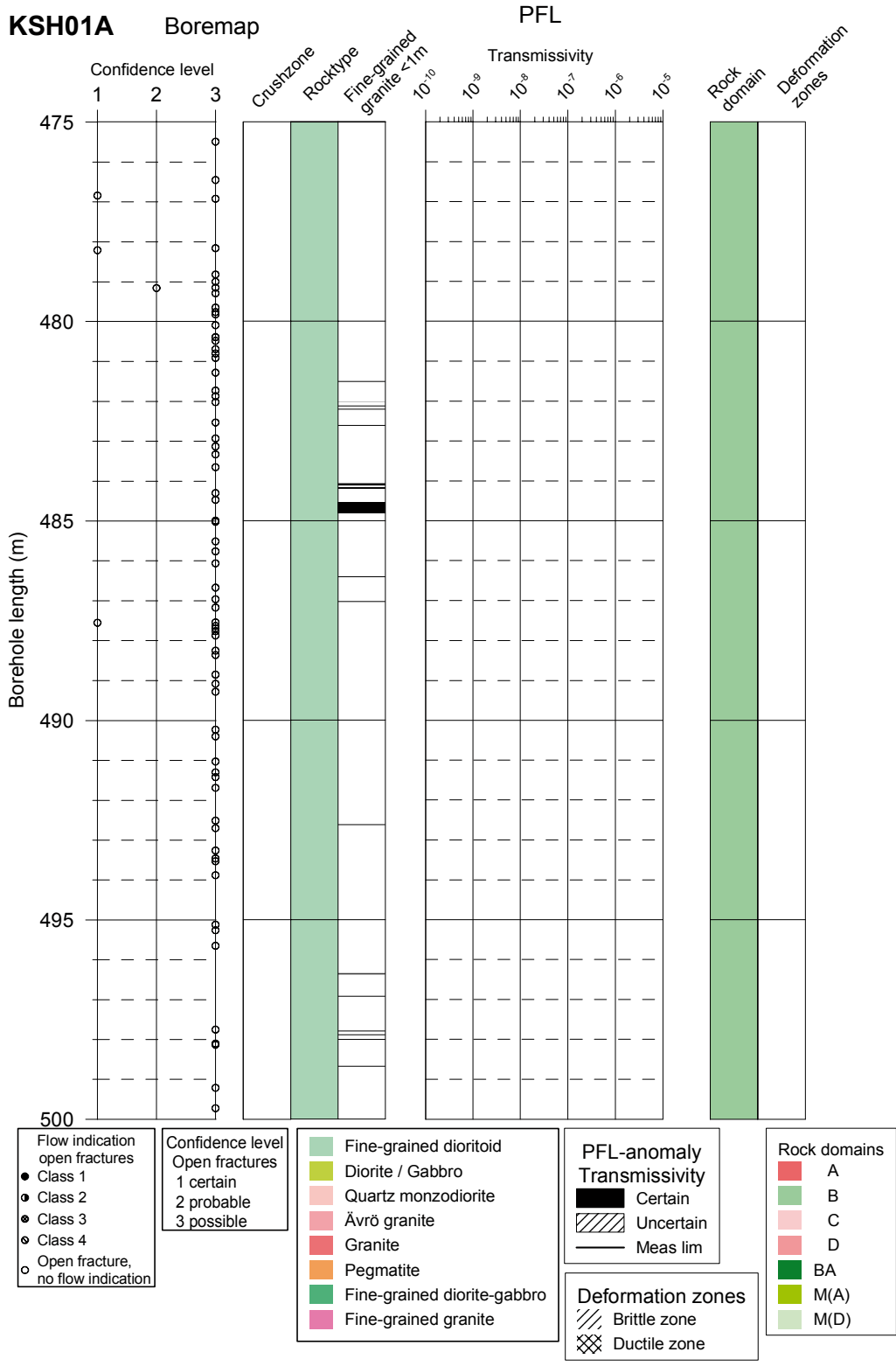


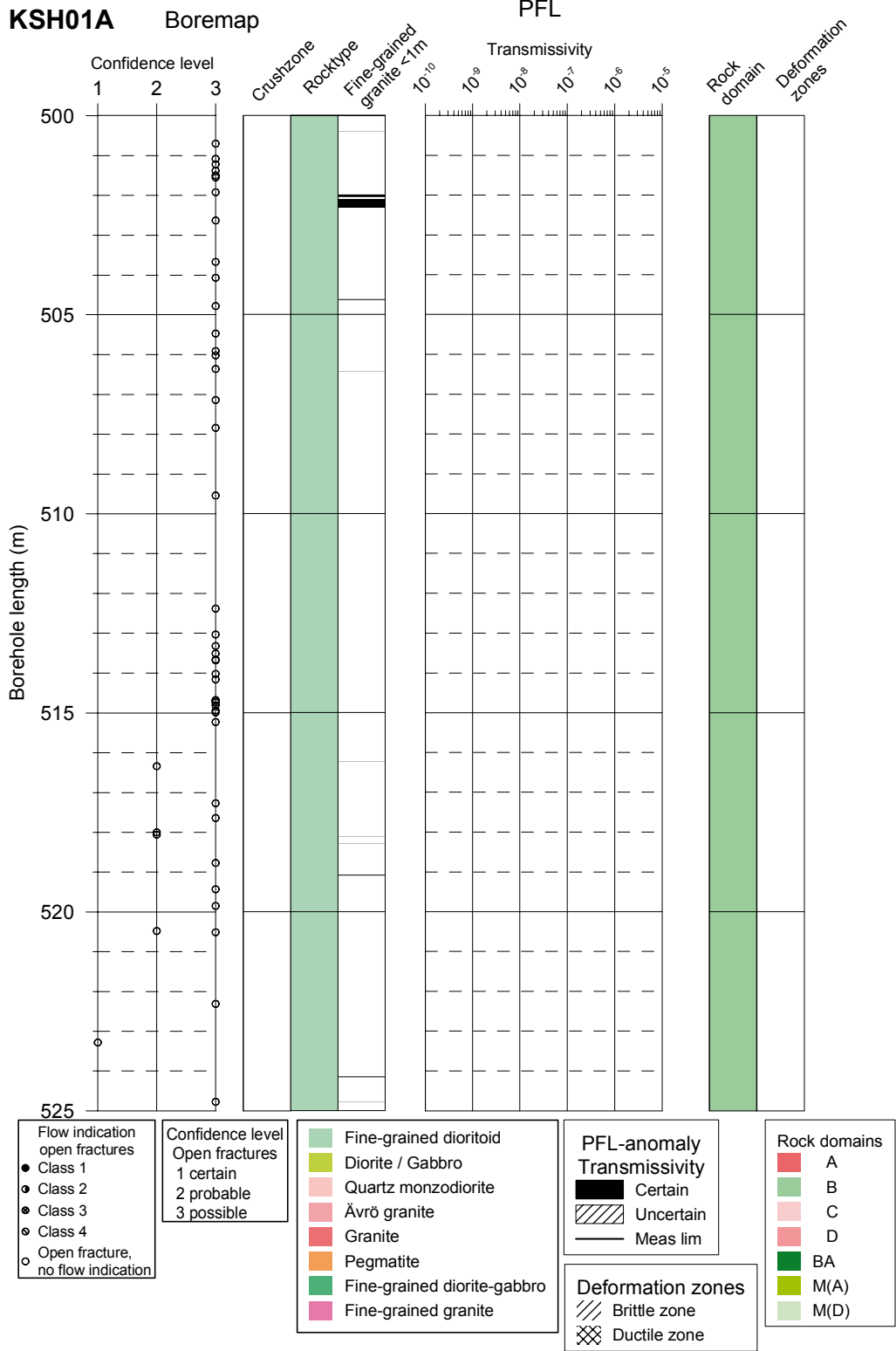


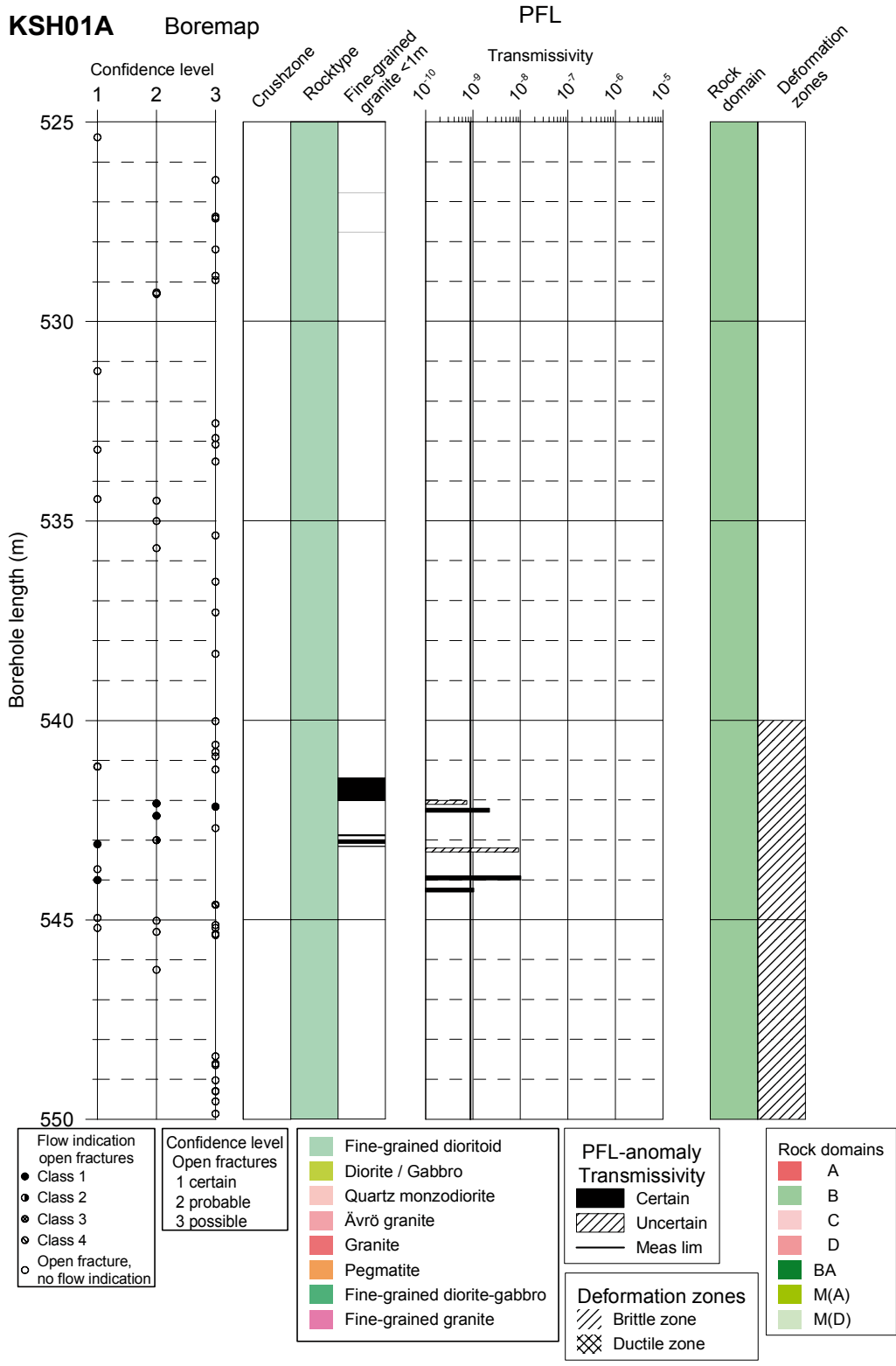


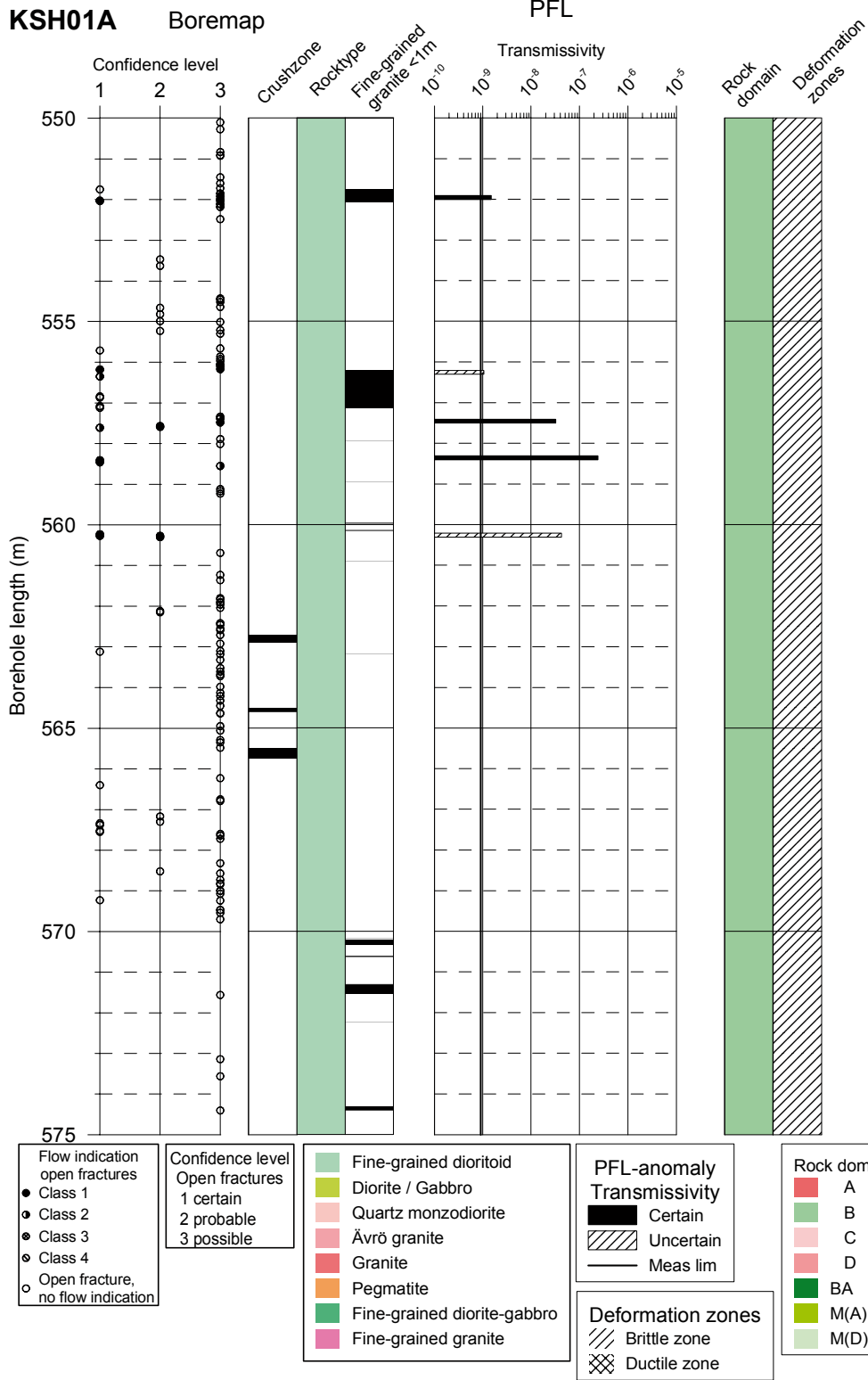


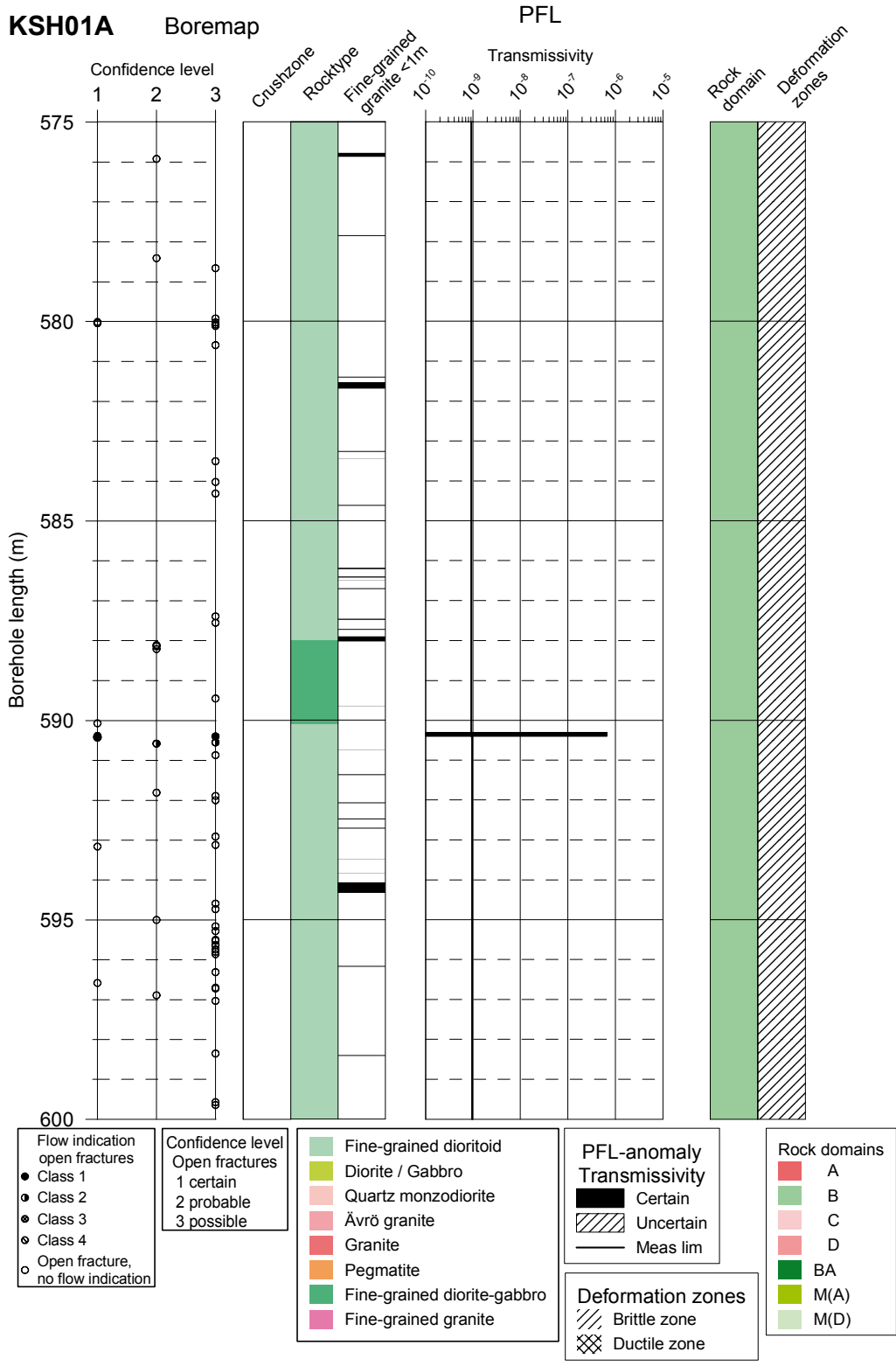


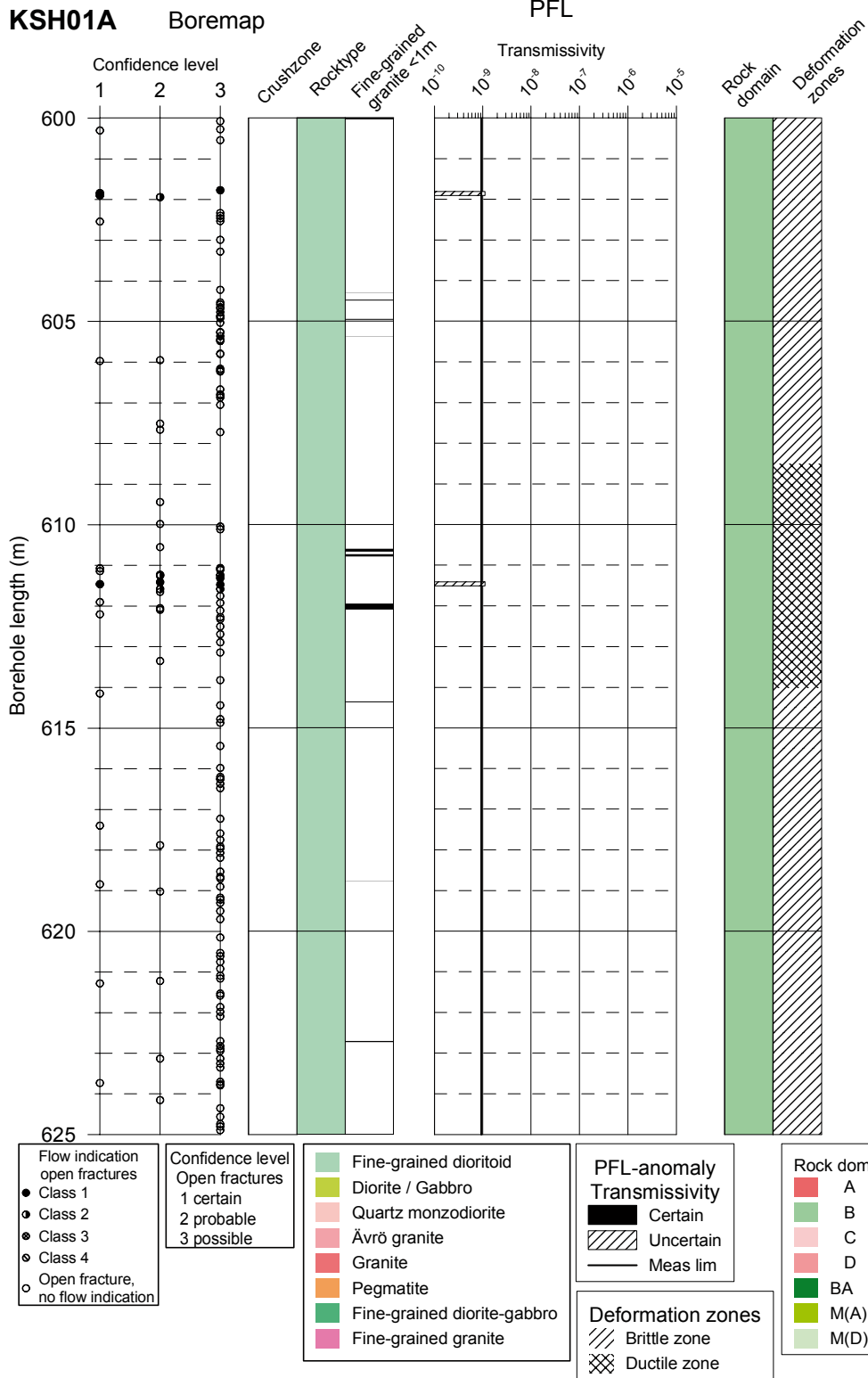


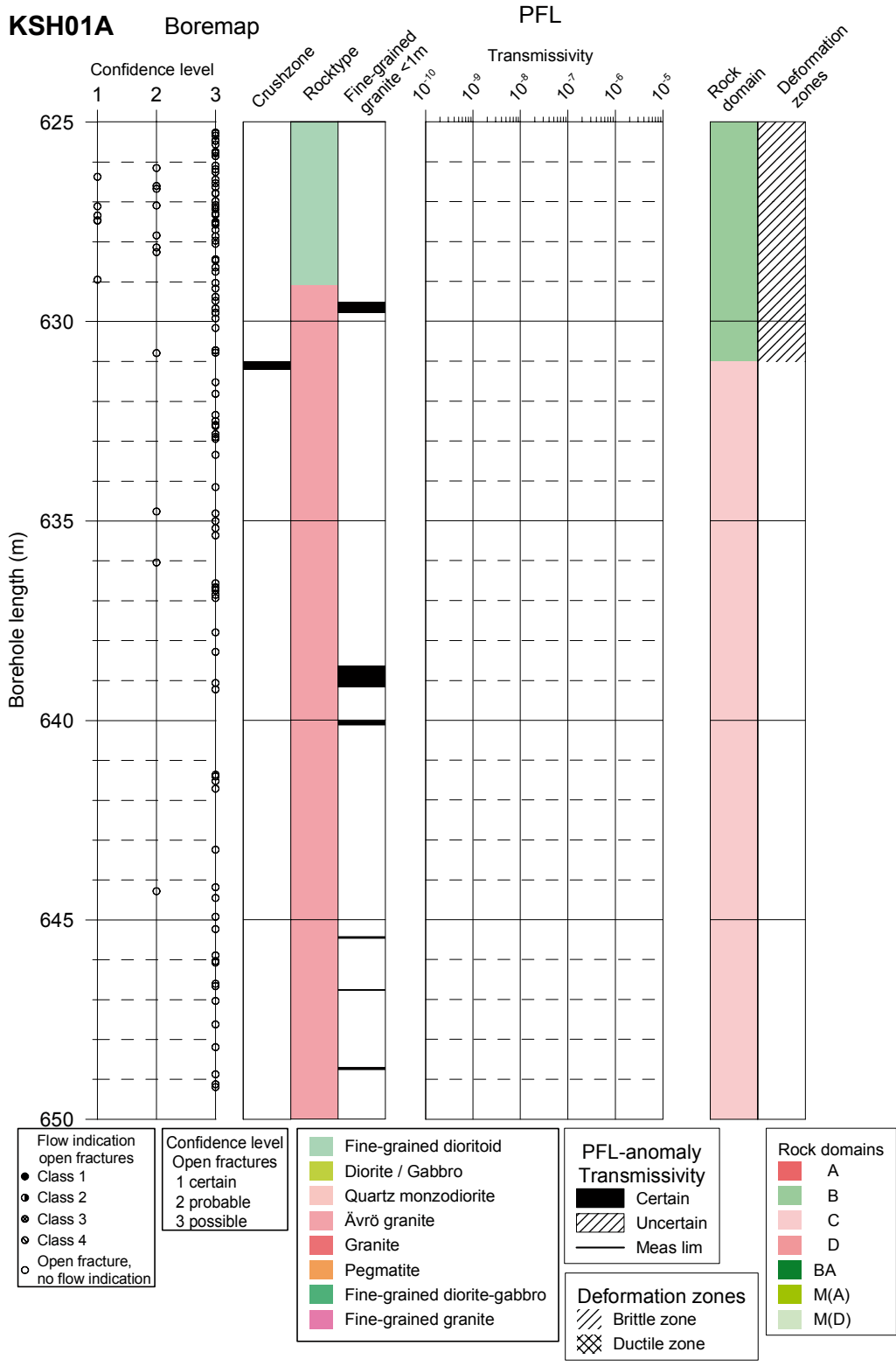


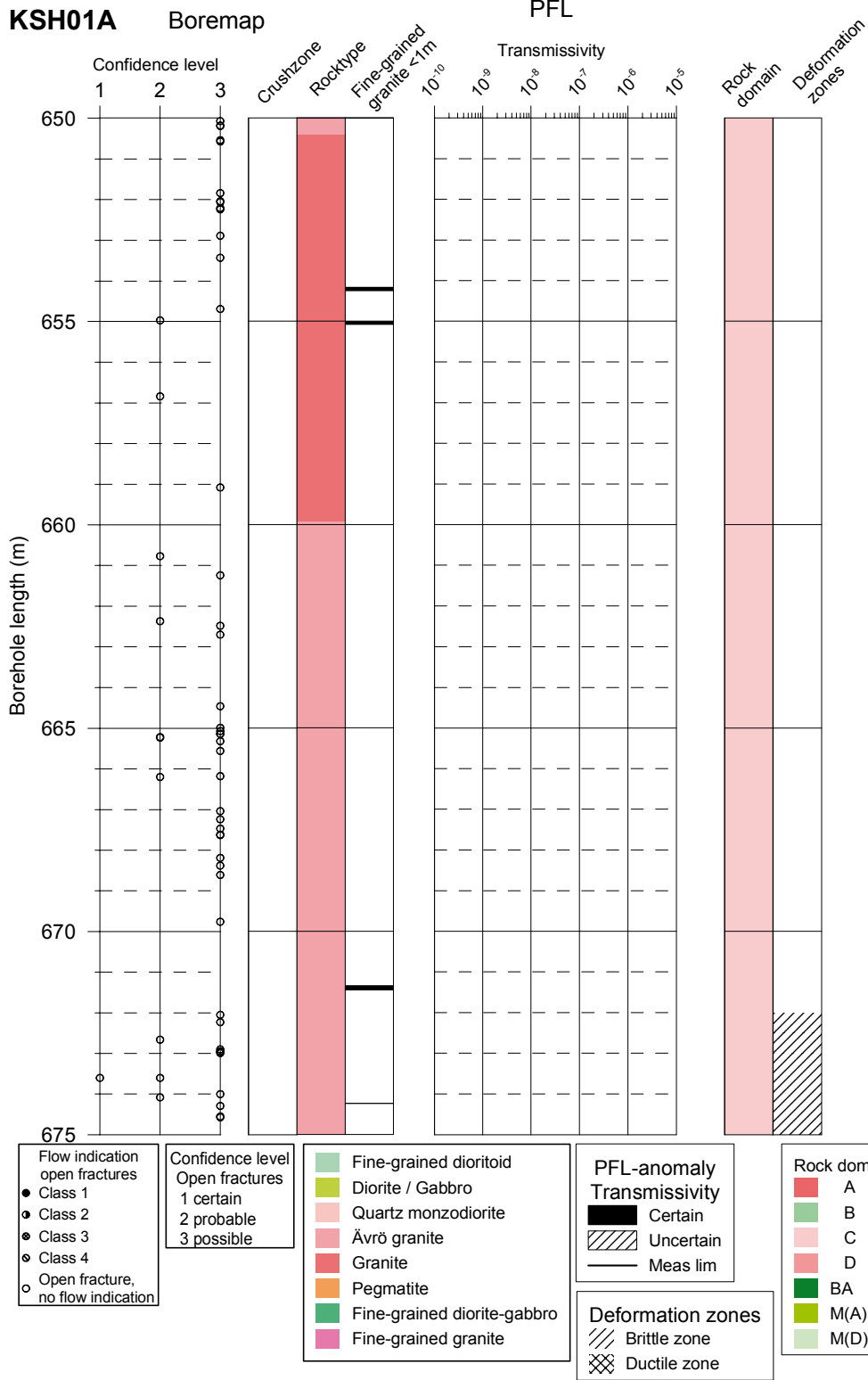


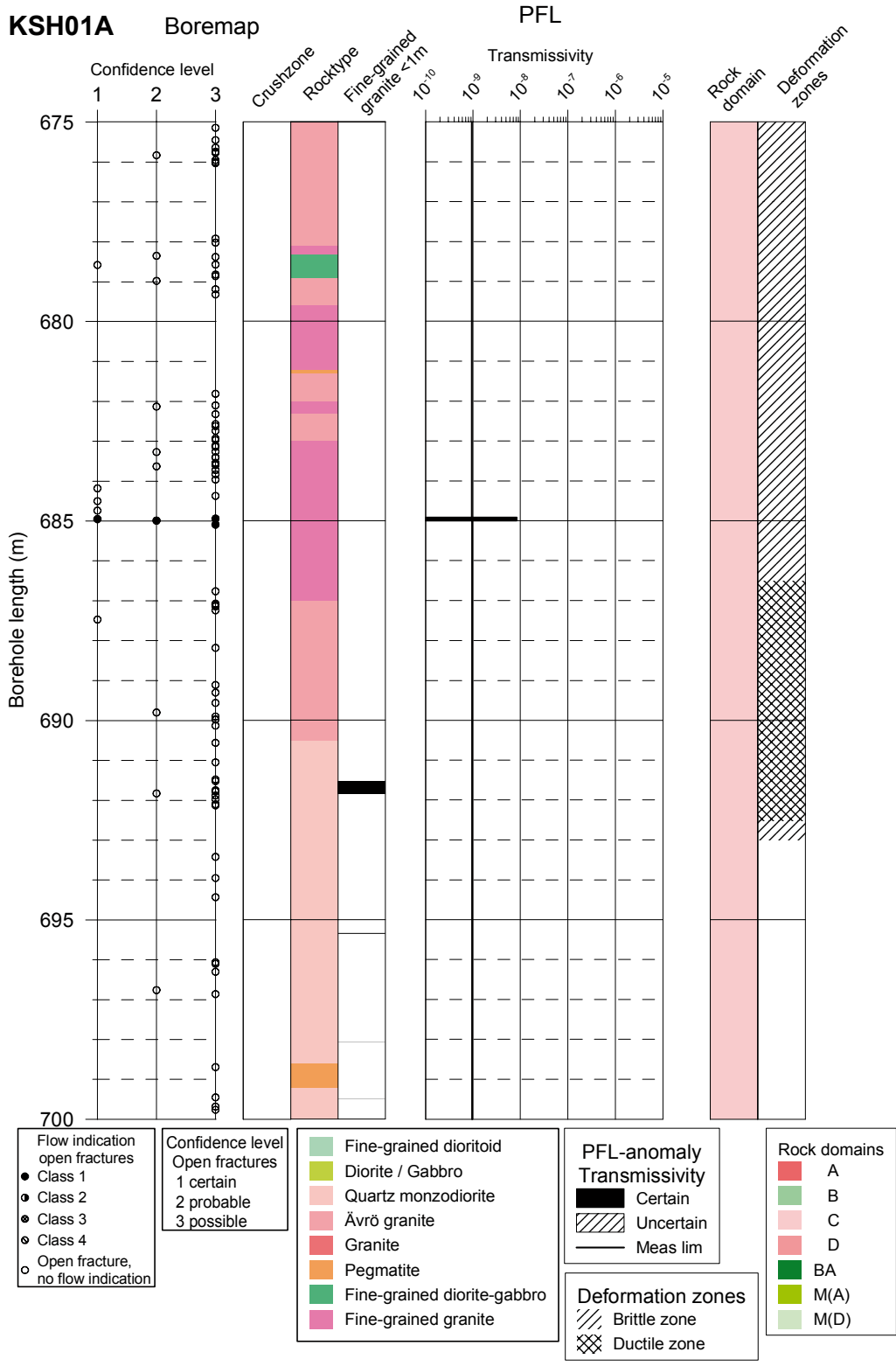








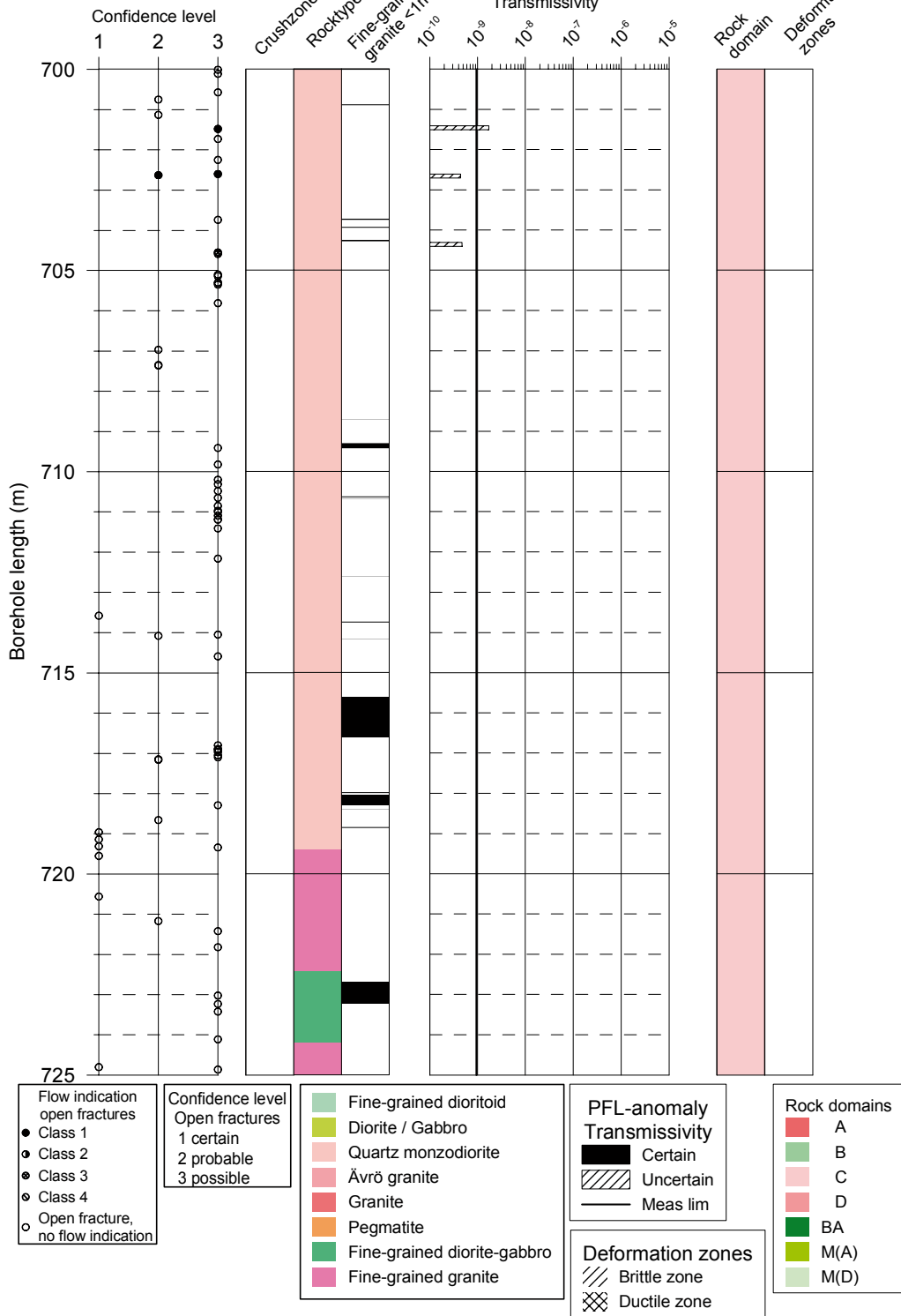


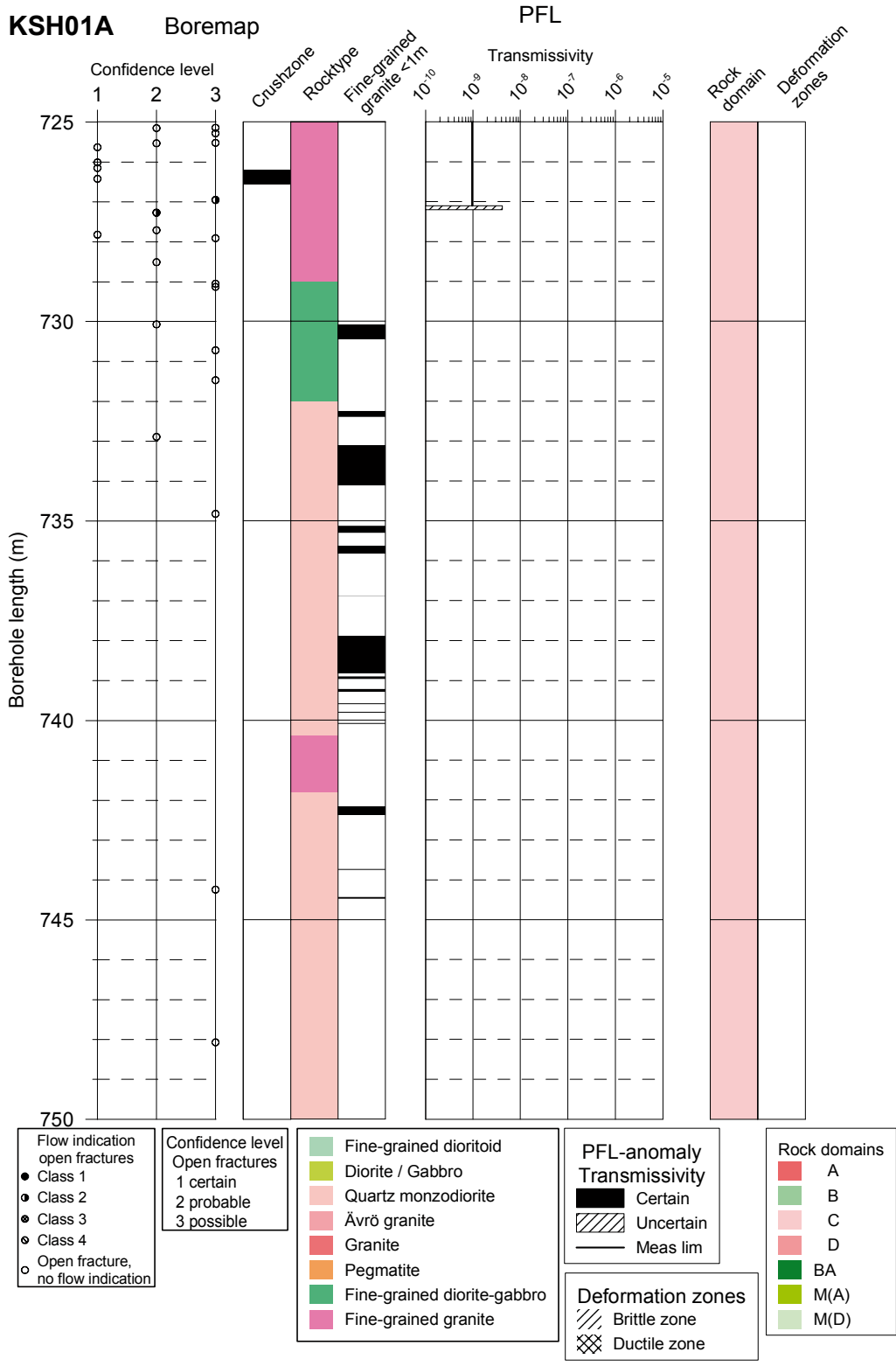


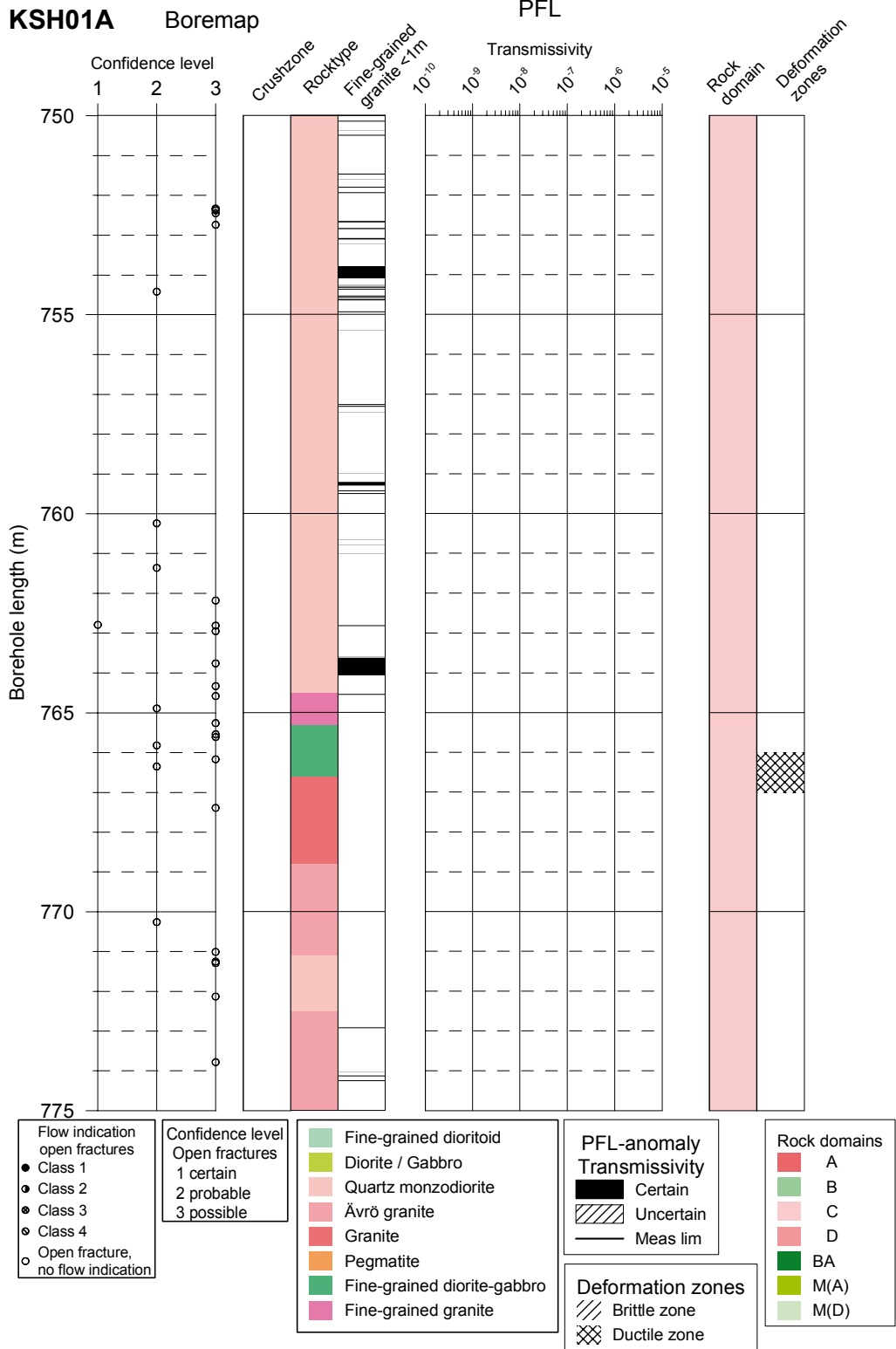
KSH01A

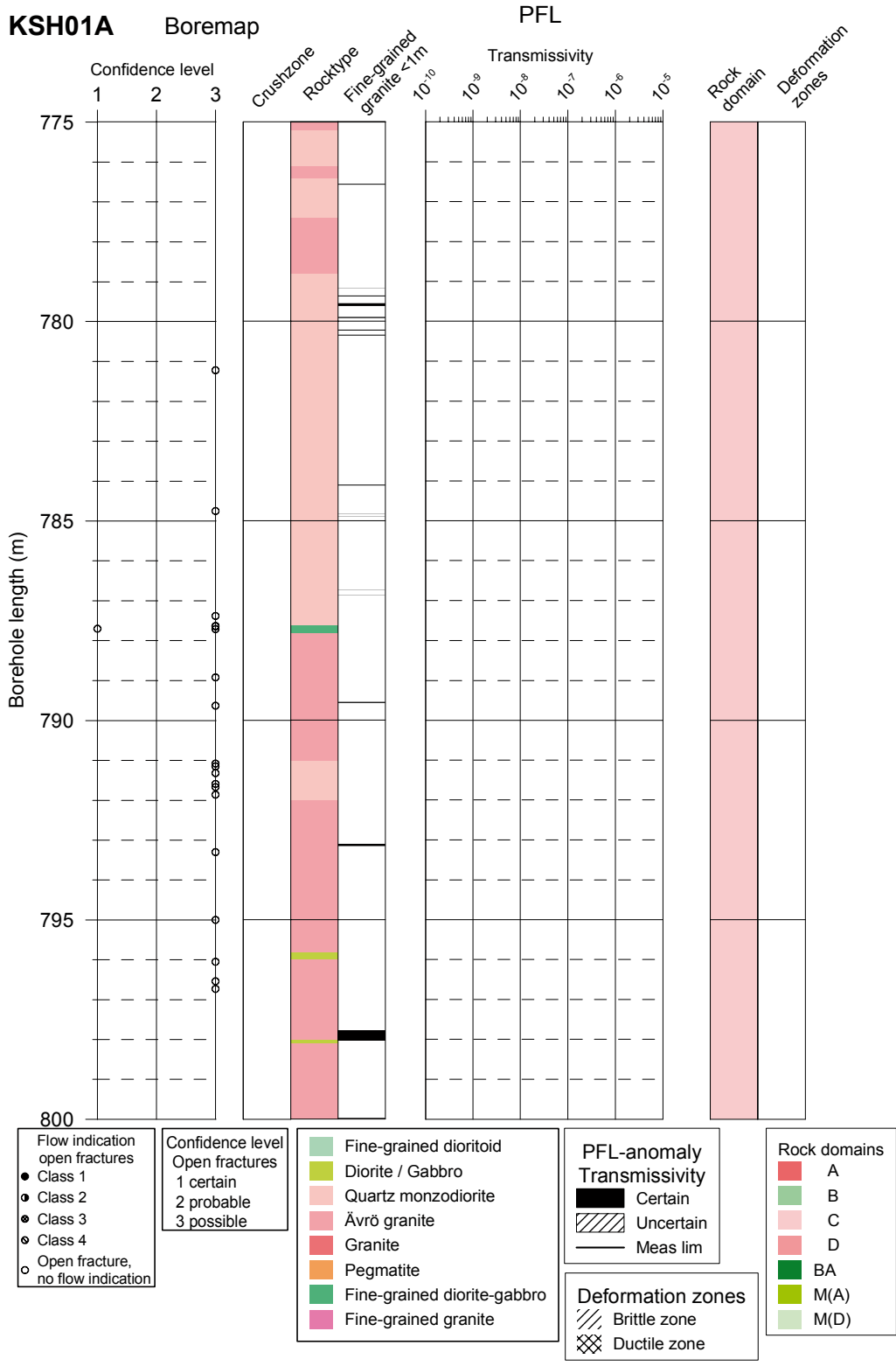
Boremap

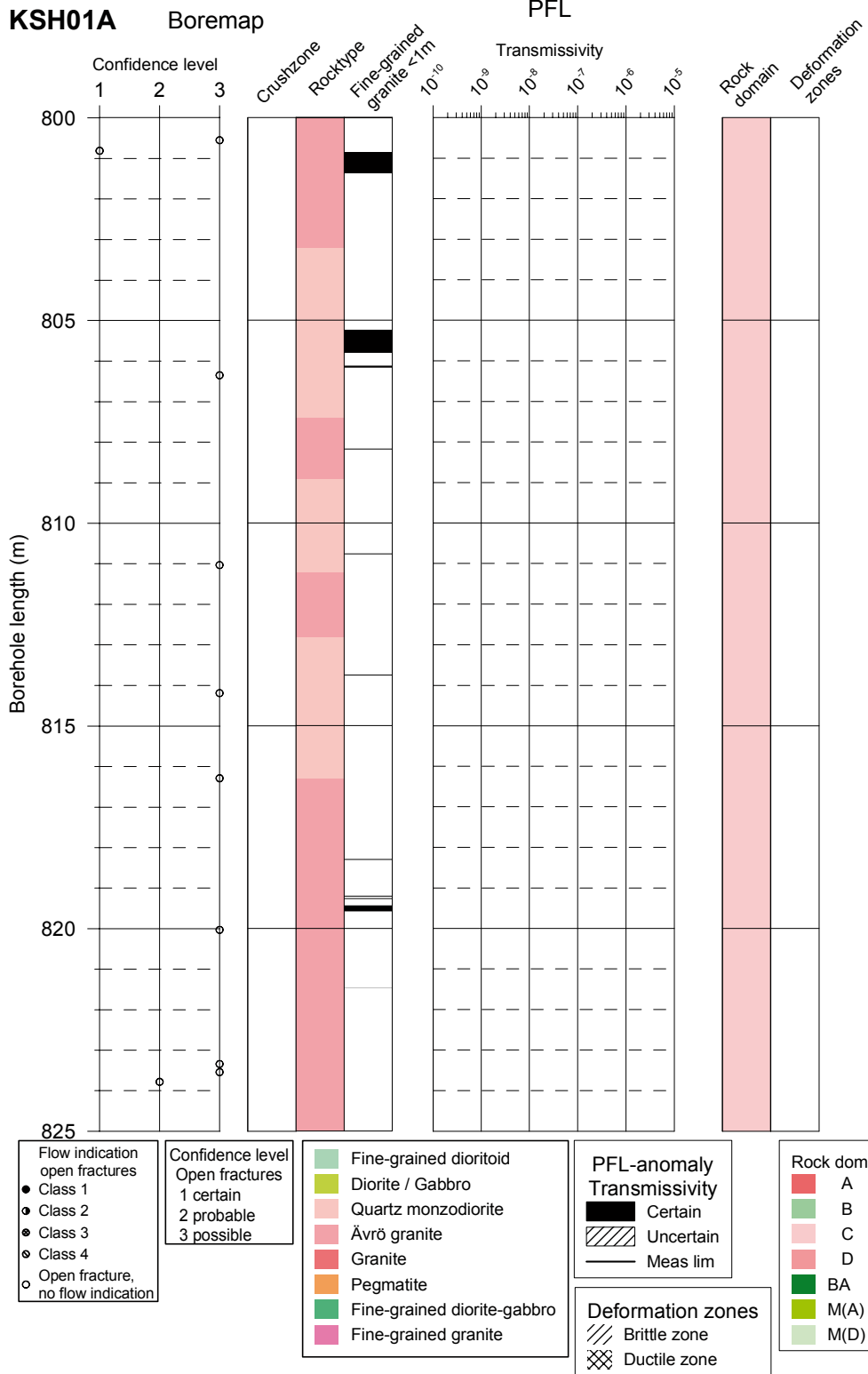
PFL

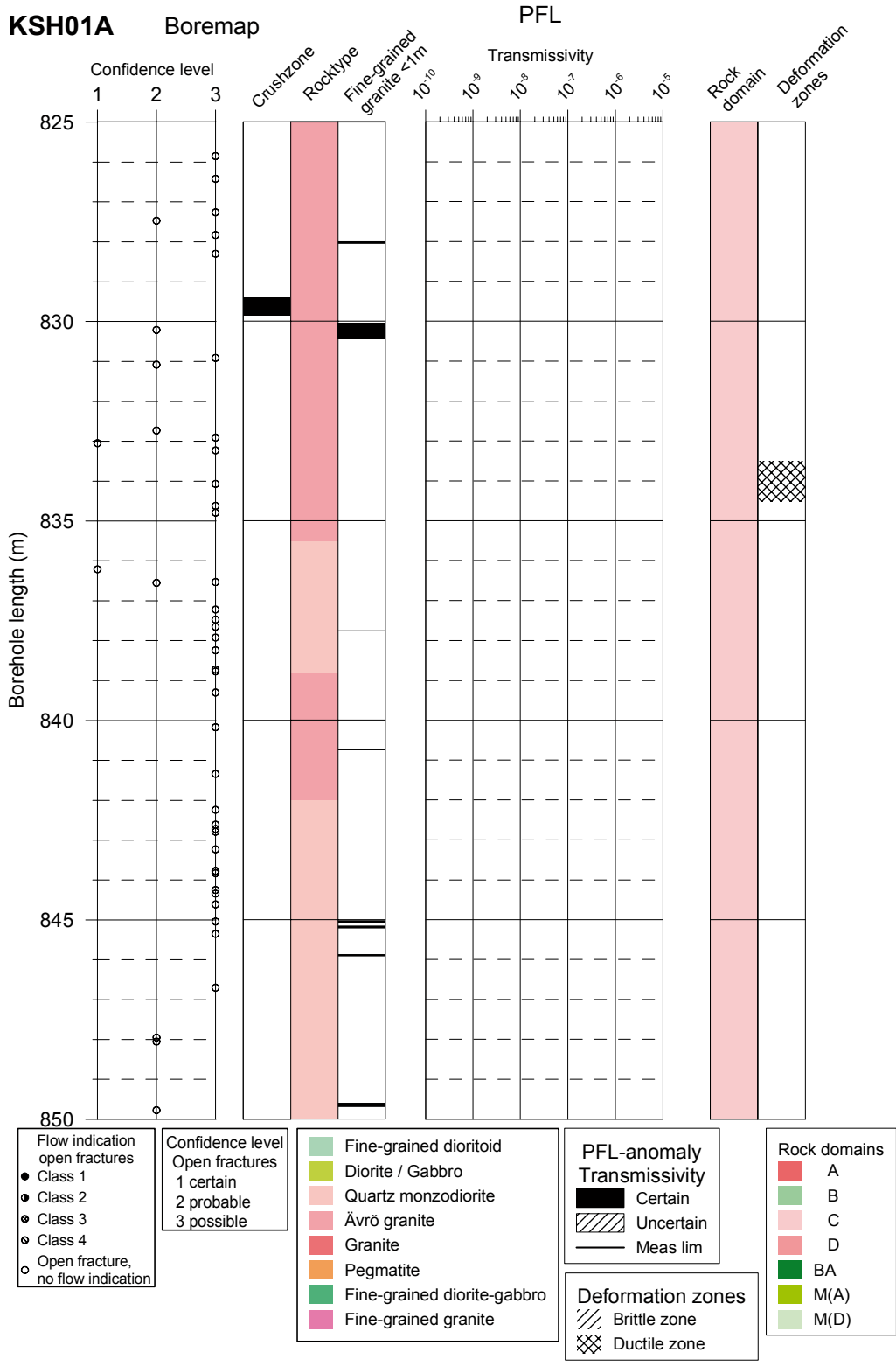


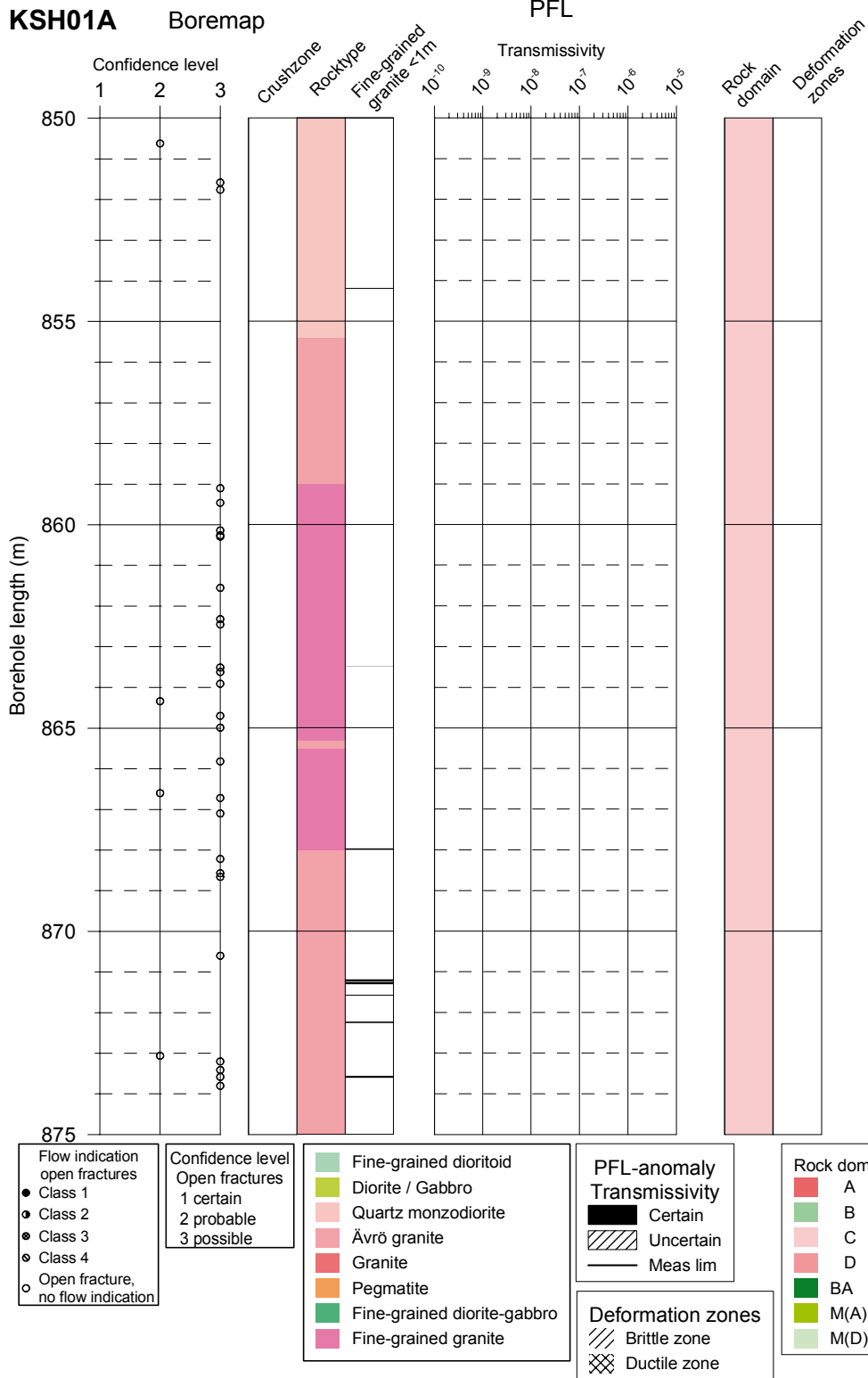


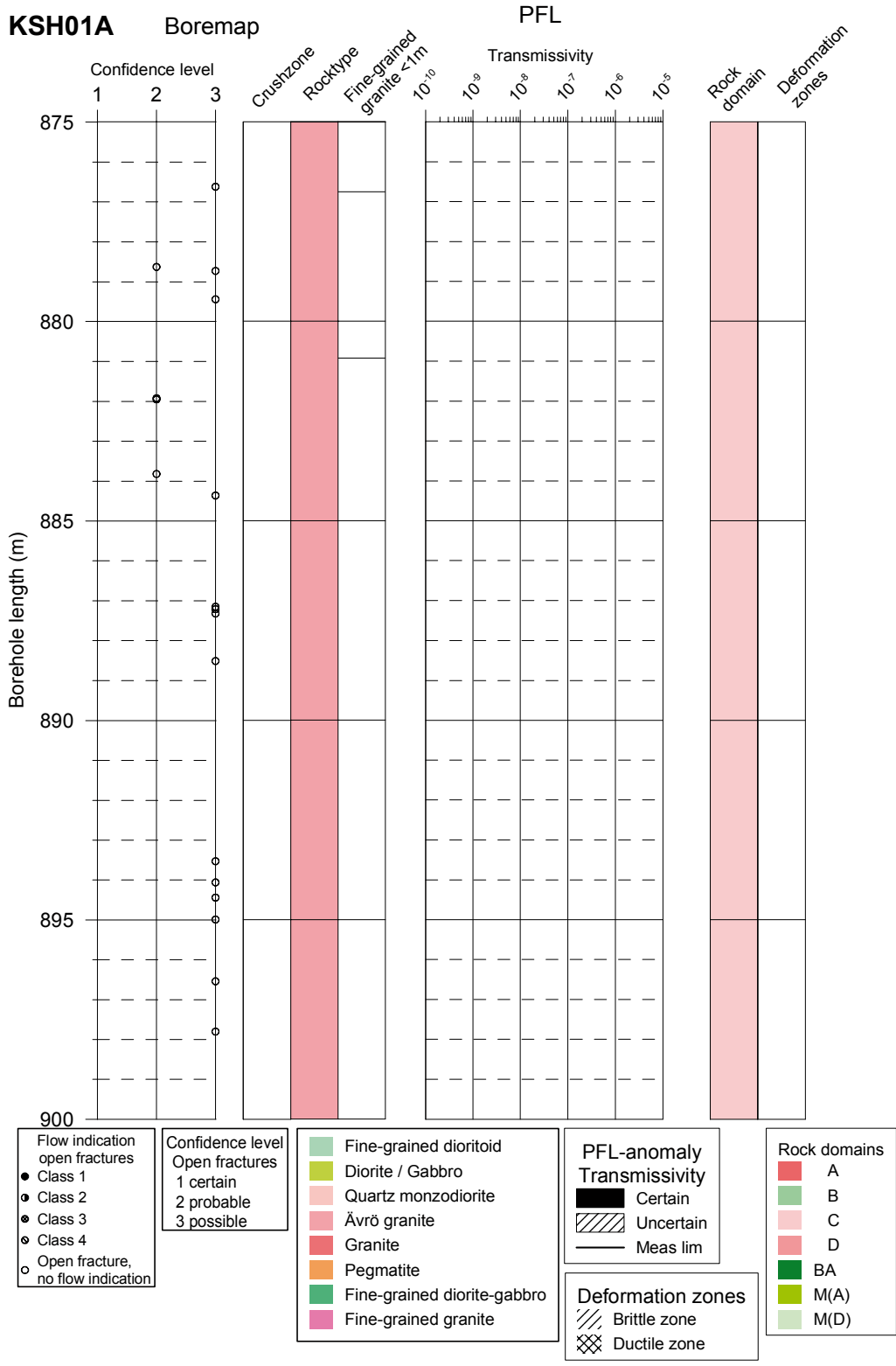








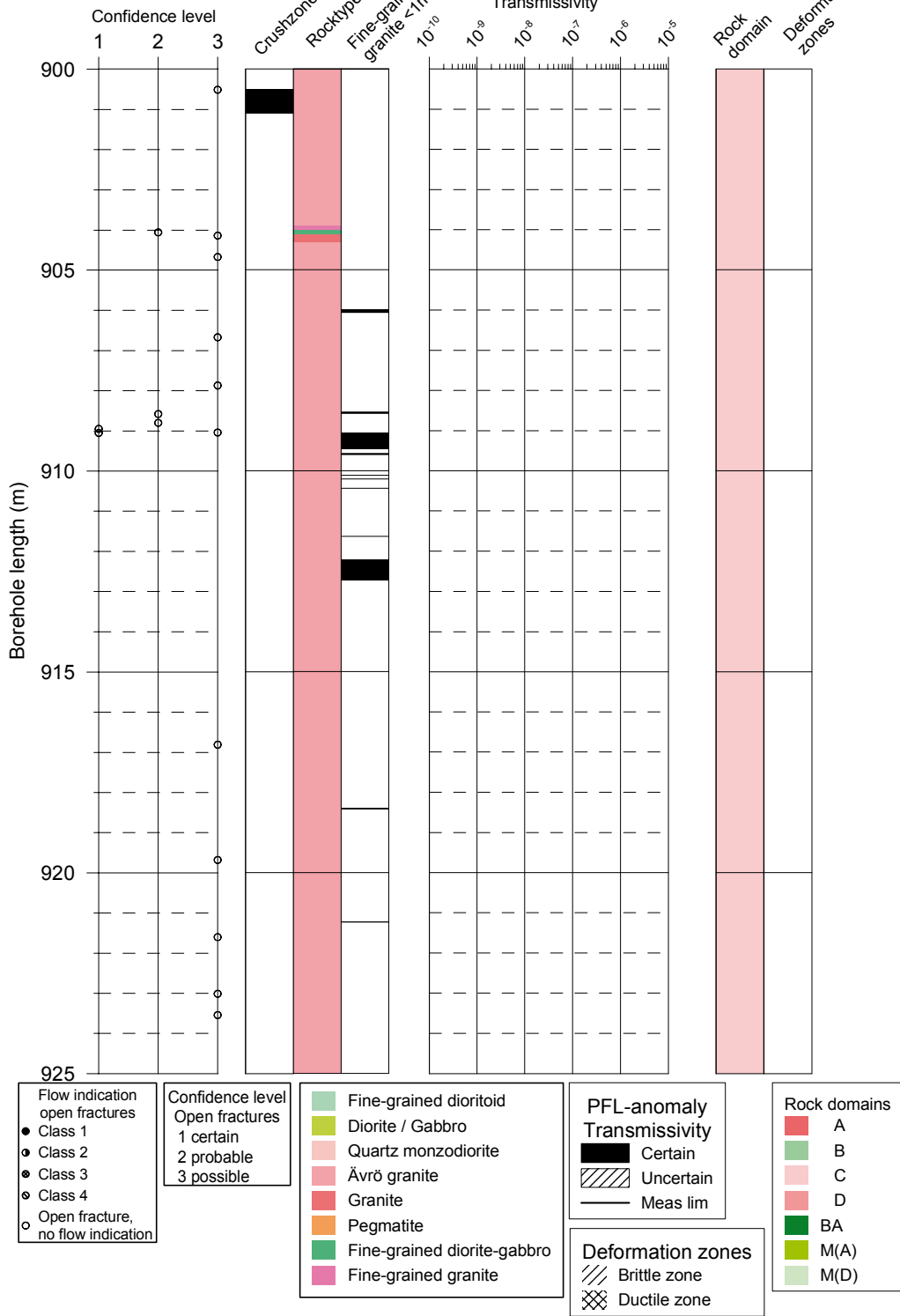


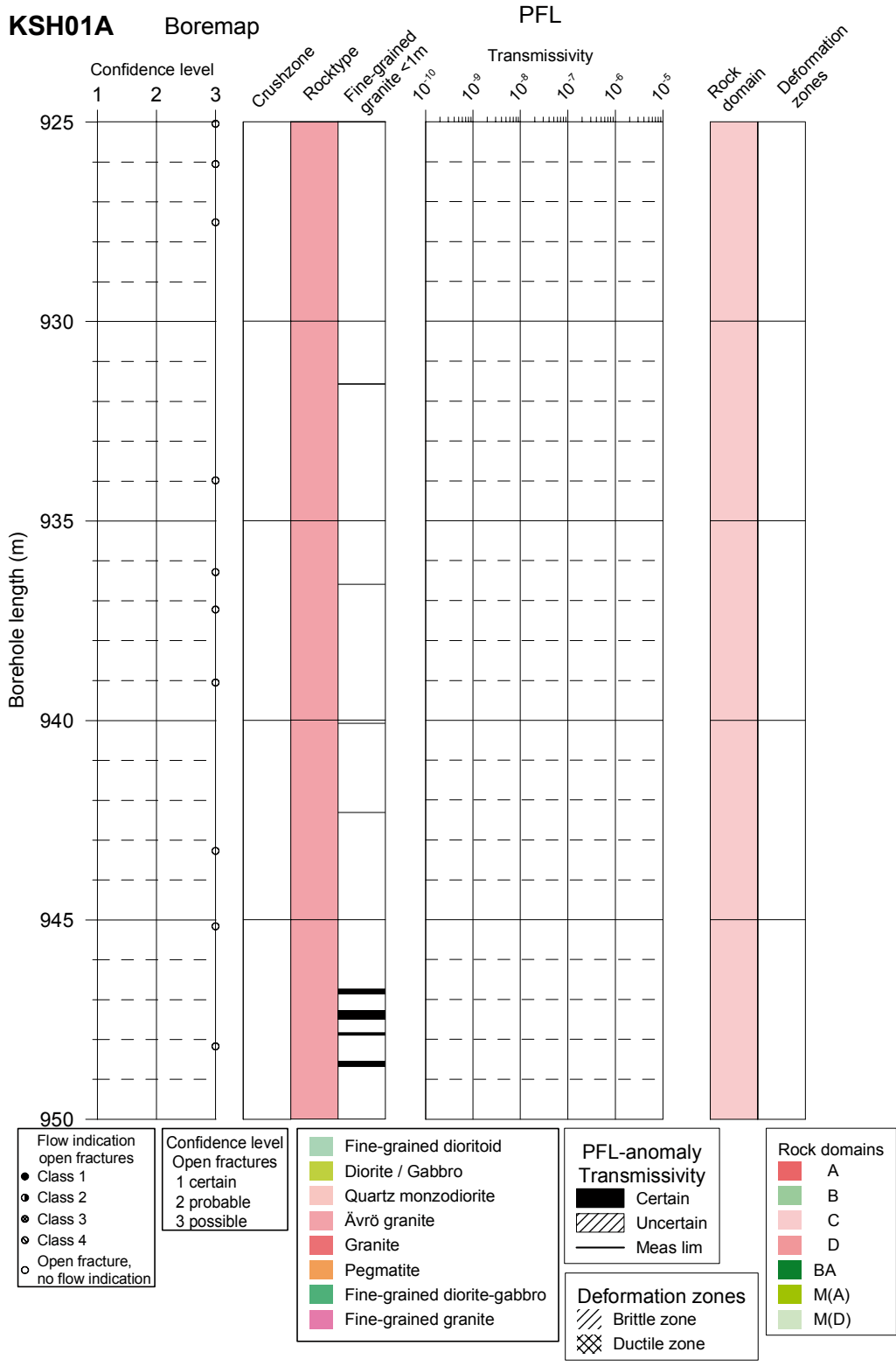


KSH01A

Boremap

PFL

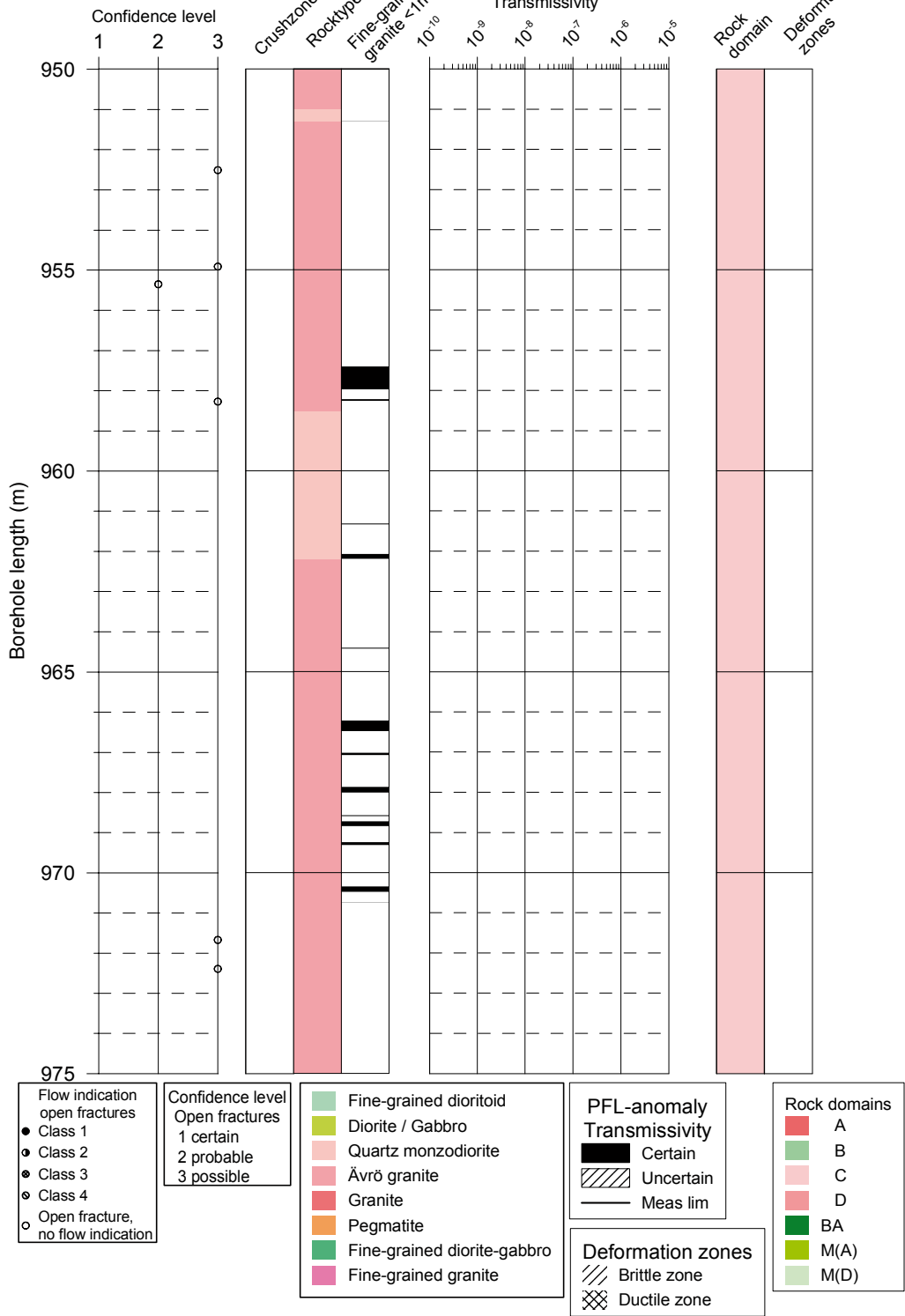




KSH01A

Boremap

PFL



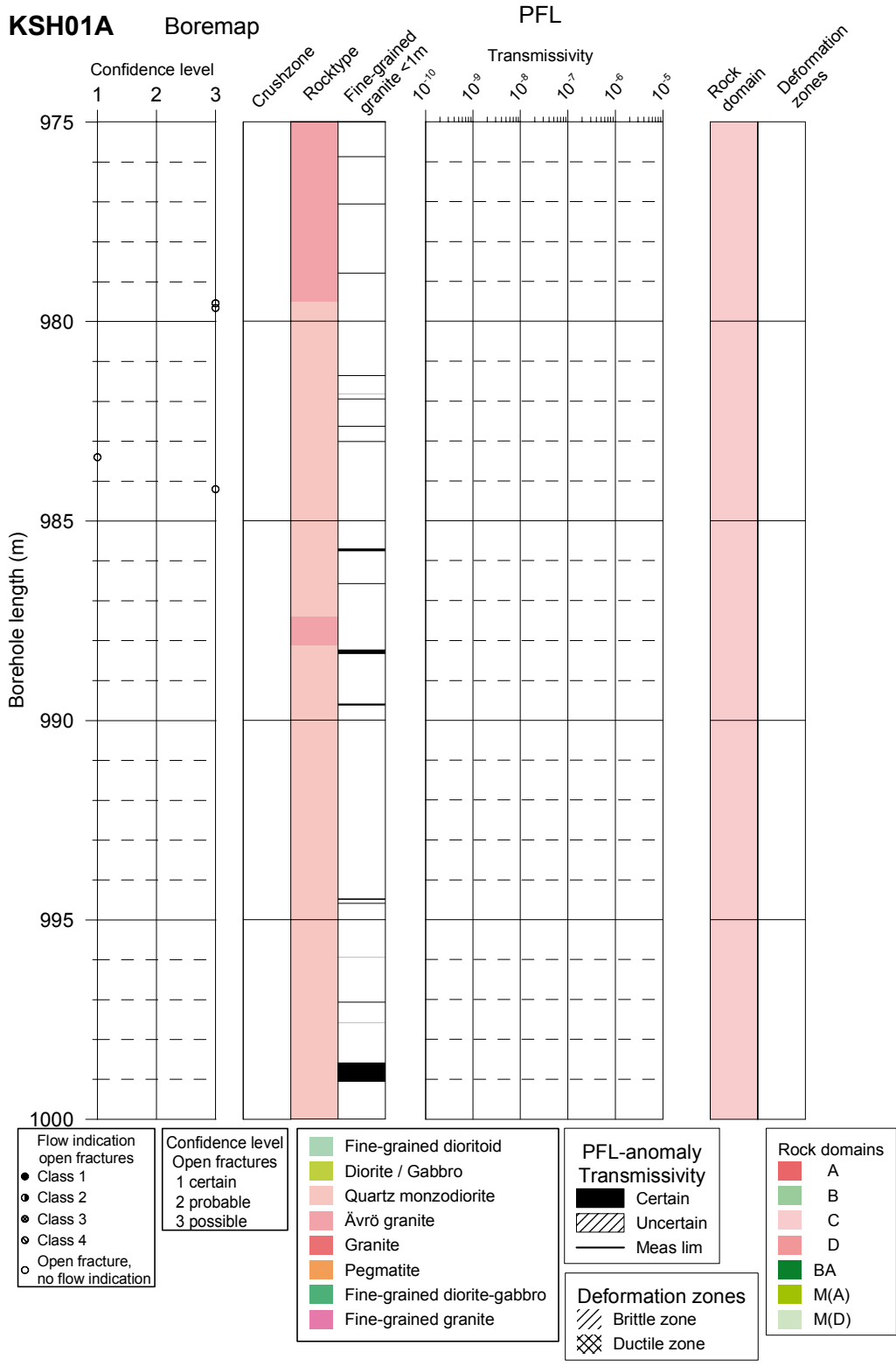


Table A1-1. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
1	Bh-length (m) = 102.9 T (m ² /s) = 1.28E-9	Adjusted secup (m) = 102.36 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Possible PFL-anom. confidence = 5	<p>The BIPS image displays a vertical cross-section of a borehole. The left side features depth markers in red, ranging from 101.921 at the top to 102.602 at the bottom. The right side features depth markers in black, ranging from 264.42 at the top to 024.44 at the bottom. A black arrow points to a dark, irregular feature within the borehole. A red circle highlights a data point on the right side, with values 216.52, 017.36, and 1mm listed next to it.</p>

Table A1-2. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
2	<p>Bh-length (m) = 104.9</p> <p>$T (m^2/s) = 4.81E-10$</p>	<p>Adjusted secup (m) = 104.67</p> <p>Fract_interpret / Varcodes = open fr.</p> <p>Frac.interp. confidence = Possible</p> <p>PFL-anom. confidence = 2</p>	
3	<p>Bh-length (m) = 107.8</p> <p>$T (m^2/s) = 6.19E-10$</p>	<p>Adjusted secup (m) = 107.99</p> <p>Fract_interpret / Varcodes = open fr.</p> <p>Frac.interp. confidence = Possible</p> <p>PFL-anom. confidence = 2</p>	

Table A1-3. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
4	Bh-length (m) = 108.4 T (m ² /s) = 1.35E-9	Adjusted secup (m) = 108.32 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Possible PFL-anom. confidence = 1	
5	Bh-length (m) = 108.9 T (m ² /s) = 1.62E-9	Adjusted secup (m) = 108.61 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Possible PFL-anom. confidence = 3	

Table A1-4. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
6	<p>Bh-length (m) = 109.2</p> <p>$T (m^2/s) = 9.17E-10$</p>	<p>Adjusted secup (m) = 109.18</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Possible</p> <p>PFL-anom. confidence= 1</p>	
7	<p>Bh-length (m) = 111.3</p> <p>$T (m^2/s) = 1.39E-8$</p>	<p>Adjusted secup (m) = 111.22</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Possible</p> <p>PFL-anom. confidence= 1</p>	

Table A1-5. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
8	<p>Bh-length (m) = 116.3</p> <p>T (m²/s) = 1.67E-9</p>	<p>Adjusted secup (m) = 116.26</p> <p>Fract_interpret / Varcodes = open fr.</p> <p>Frac.interp. confidence = Possible</p> <p>PFL-anom. confidence = 1</p>	
9a	<p>Bh-length (m) = 118.2</p> <p>T (m²/s) = 2.16E-8</p>	<p>Adjusted secup (m) = 118.22</p> <p>Fract_interpret / Varcodes = open fr.</p> <p>Frac.interp. confidence = Possible</p> <p>PFL-anom. confidence = 1</p>	
9b		<p>Adjusted secup (m) = 118.25</p> <p>Fract_interpret / Varcodes = open fr.</p> <p>Frac.interp. confidence = Probable</p> <p>PFL-anom. confidence = 1</p>	

Table A1-6. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
10	Bh-length (m) = 118.5 T (m ² /s) = 1.70E-7	Adjusted secup (m) = 118.45 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
11	Bh-length (m) = 118.7 T (m ² /s) = 5.41E-8	Adjusted secup (m) = 118.67 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A1-7. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
12	<p>Bh-length (m) = 119.2</p> <p>T (m²/s) = 2.84E-8</p>	<p>Adjusted secup (m) = 119.21</p> <p>Fract_interpret / Varcodes = open fr.</p> <p>Frac.interp. confidence = Possible</p> <p>PFL-anom. confidence = 1</p>	
13	<p>Bh-length (m) = 119.7</p> <p>T (m²/s) = 9.46E-9</p>	<p>Adjusted secup (m) = 119.69</p> <p>Fract_interpret / Varcodes = open fr.</p> <p>Frac.interp. confidence = Possible</p> <p>PFL-anom. confidence = 1</p>	

Table A1-8. KSH01. Interpretation of PFL measurements and BOREMAP data

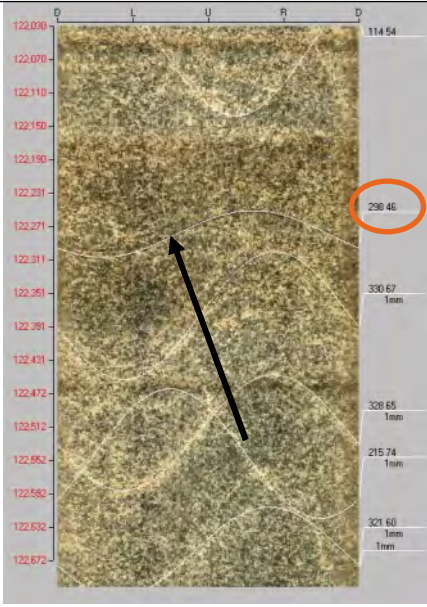
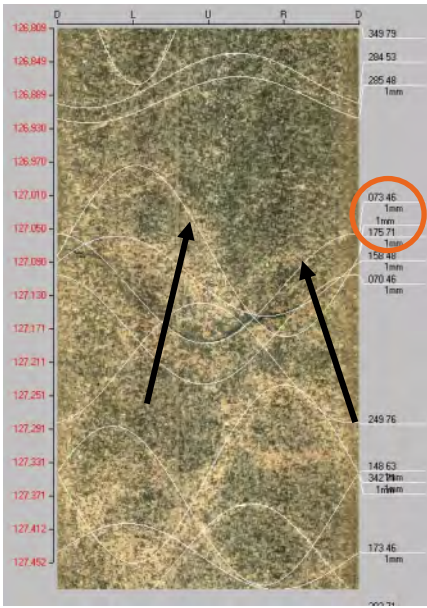
PFL anom. No	PFL anom data	Boremap data	BIPS Image
14	Bh-length (m) = 122.3 T (m ² /s) = 5.01E-9	Adjusted secup (m) = 122.28 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Possible PFL-anom. confidence = 1	
15a	Bh-length (m) = 127.1 T (m ² /s) = 3.19E-9	Adjusted secup (m) = 127.08 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Possible PFL-anom. confidence = 1	
15b		Adjusted secup (m) = 127.12 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Certain PFL-anom. confidence = 1	

Table A1-9. KSH01. Interpretation of PFL measurements and BOREMAP data

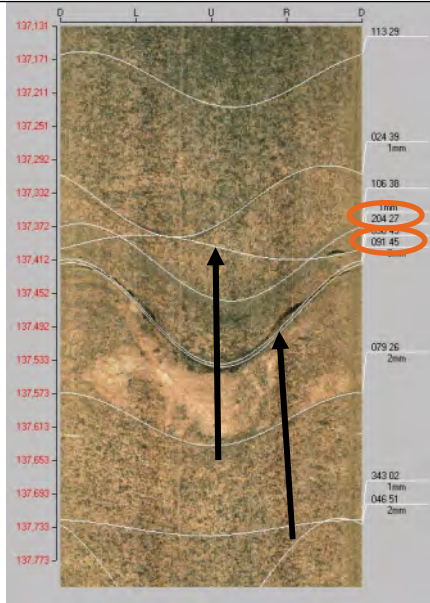
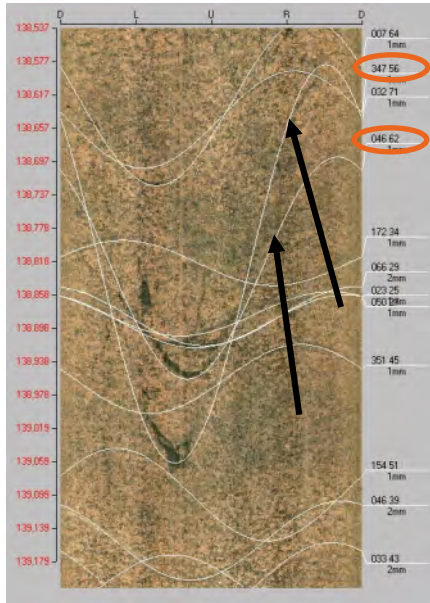
PFL anom. No	PFL anom data	Boremap data	BIPS Image
16a	Bh-length (m) = 137.5 T (m ² /s) = 3.11E-8	Adjusted secup (m) = 137.48 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Certain PFL-anom. confidence = 1	
16b		Adjusted secup (m) = 137.4 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Certain PFL-anom. confidence = 1	
17a	Bh-length (m) = 139 T (m ² /s) = 1.62E-9	Adjusted secup (m) = 138.65 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Possible PFL-anom. confidence = 1	
17b		Adjusted secup (m) = 138.82 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Possible PFL-anom. confidence = 1	

Table A1-10. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
18	Bh-length (m) = 144.8 T (m ² /s) = 5.88E-8	Adjusted secup (m) = 144.86 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
19	Bh-length (m) = 146.6 T (m ² /s) = 1.12E-8	Adjusted secup (m) = 146.58 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A1-11. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
20	Bh-length (m) = 147.6 T (m ² /s) = 4.11E-9	Adjusted secup (m) = 147.73 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Probable PFL-anom. confidence = 2	
21	Bh-length (m) = 149.8 T (m ² /s) = 1.38E-08	Adjusted secup (m) = 149.57 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Certain PFL-anom. confidence = 1	

Table A1-12. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
22a	Bh-length (m) = 150.2 T (m ² /s) = 2.76E-08	Adjusted secup (m) =150.23 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
22b		Adjusted secup (m) =150.24 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
22c		Adjusted secup (m) =150.26 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A1-13. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
23	Bh-length (m) = 152.2 T (m ² /s) = 4.71E-9	Adjusted secup (m) = 152.22 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Possible PFL-anom. confidence = 1	

Table A1-14. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
24	Bh-length (m) = 153.6 T (m ² /s) = 1.79E-9	Adjusted secup (m) = 153.63 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Possible PFL-anom. confidence = 1	
25	Bh-length (m) = 156.9 T (m ² /s) = 6.33E-9	Adjusted secup (m) = 157.06 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Possible PFL-anom. confidence = 2	

Table A1-15. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
26	<p>Bh-length (m) = 157.6</p> <p>$T (m^2/s) = 8.23E-9$</p>	<p>Adjusted secup (m) = 157.58</p> <p>Fract_interpret / Varcodes = open fr.</p> <p>Frac.interp. confidence = Certain</p> <p>PFL-anom. confidence = 1</p>	
27	<p>Bh-length (m) = 158.1</p> <p>$T (m^2/s) = 1.78E-8$</p>	<p>Adjusted secup (m) = 158.05</p> <p>Fract_interpret / Varcodes = open fr.</p> <p>Frac.interp. confidence = Certain</p> <p>PFL-anom. confidence = 1</p>	

Table A1-16. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
28	<p>Bh-length (m) = 159.6</p> <p>$T (m^2/s) = 3.19E-7$</p>	<p>Adjusted secup (m) = 159.65</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 1</p>	
29	<p>Bh-length (m) = 161.4</p> <p>$T (m^2/s) = 4.58E-8$</p>	<p>Adjusted secup (m) = 161.4</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 1</p>	

Table A1-17. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
30	<p>Bh-length (m) = 163.2</p> <p>T (m²/s) = 3.80E-9</p>	<p>Adjusted secup (m) = 163.2</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Probable</p> <p>PFL-anom. confidence= 1</p>	
31	<p>Bh-length (m) = 165.4</p> <p>T (m²/s) = 2.25E-8</p>	<p>Adjusted secup (m) = 165.41</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Possible</p> <p>PFL-anom. confidence= 1</p>	

Table A1-18. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
32a	Bh-length (m) = 192.5 T (m ² /s) = 1.50E-9	Adjusted secup (m) = 192.5 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible	
32b		PFL-anom. confidence= 1 Adjusted secup (m) = 192.51 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible	
32c		PFL-anom. confidence= 1 Adjusted secup (m) = 192.47 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A1-19. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
33	Bh-length (m) = 198.6 T (m ² /s) = 2.60E-9	Adjusted secup (m) = 198.61 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Certain PFL-anom. confidence = 1	
34a	Bh-length (m) = 207.9 T (m ² /s) = 1.72E-7	Adjusted secup (m) = 207.9 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Certain PFL-anom. confidence = 1	
34b		Adjusted secup (m) = 207.92 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Certain PFL-anom. confidence = 1	

Table A1-20. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
35	<p>Bh-length (m) = 212.3</p> <p>$T (m^2/s) = 4.82E-9$</p>	<p>Adjusted secup (m) = 212.29</p> <p>Fract_interpret / Varcode= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 1</p>	
36	<p>Bh-length (m) = 213.8</p> <p>$T (m^2/s) = 2.09E-8$</p>	<p>Adjusted secup (m) = 213.88</p> <p>Fract_interpret / Varcode= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 1</p>	

Table A1-21. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
37	Bh-length (m) = 221.5 T (m ² /s) = 1.23E-9	Adjusted secup (m) = 221.49 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Possible PFL-anom. confidence = 1	
38	Bh-length (m) = 223 T (m ² /s) = 5.48E-9	Adjusted secup (m) = 223.00 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Possible PFL-anom. confidence = 1	

Table A1-22. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
39a	Bh-length (m) = 231.8 T (m ² /s) = 6.01E-9	Adjusted secup (m) =231.79 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	<p>The BIPS image is a geological cross-section plot. The vertical axis on the left shows elevation values from 231.561 to 232.206. The horizontal axis at the top is labeled 'D', 'L', 'U', 'R', 'D'. A black arrow points from the bottom center towards the top center. A red circle highlights a specific area on the right side of the plot, with values 174.72, 266.60, 253.62, and 262.62 listed next to it. Other values on the right include 160.74, 157.72, 294.24, 283.48, and 312.27.</p>
39b	Orientations do not completely compare to data base	Adjusted secup (m) =231.79 Fract_interpret / Varcodes= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
39c		Adjusted secup (m) =231.8 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A1-23. KSH01. Interpretation of PFL measurements and BOREMAP data

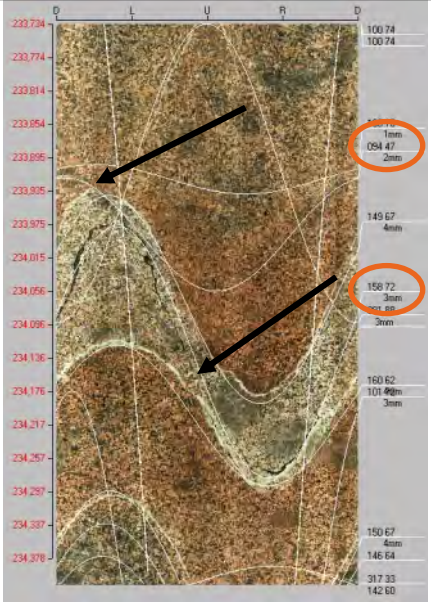
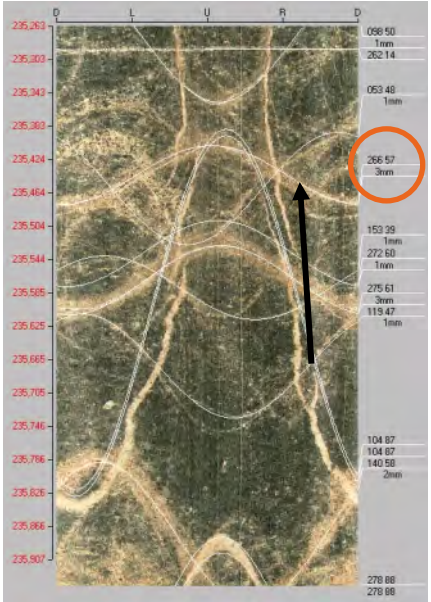
PFL anom. No	PFL anom data	Boremap data	BIPS Image
40a	Bh-length (m) = 234 T (m ² /s) = 2.19E-9	Adjusted secup (m) = 233.9 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Possible PFL-anom. confidence = 1	
40b		Adjusted secup (m) = 234.13 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Certain PFL-anom. confidence = 2	
41	Bh-length (m) = 235.5 T (m ² /s) = 1.10E-9	Adjusted secup (m) = 235.44 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Possible PFL-anom. confidence = 1	

Table A1-24. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
42	<p>Bh-length (m) = 237.3</p> <p>$T (m^2/s) = 3.98E-9$</p>	<p>Adjusted secup (m) = 237.3</p> <p>Fract_interpret / Varcodes = open fr.</p> <p>Frac.interp. confidence = Probable</p> <p>PFL-anom. confidence = 1</p>	
43	<p>Bh-length (m) = 247.8</p> <p>$T (m^2/s) = 1.94E-7$</p>	<p>Adjusted secup (m) = 247.87</p> <p>Fract_interpret / Varcodes = open fr.</p> <p>Frac.interp. confidence = Certain</p> <p>PFL-anom. confidence = 1</p>	

Table A1-25. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
44a	Bh-length (m) = 249 T (m ² /s) = 4.14E-9	Adjusted secup (m) =249.01 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
44b		Adjusted secup (m) =249.06 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
44c		Adjusted secup (m) =249.06 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
44d		Adjusted secup (m) =249.11 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A1-26. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
45	<p>Bh-length (m) = 250.4</p> <p>$T (m^2/s) = 5.10E-8$</p>	<p>Adjusted secup (m) = 250.41</p> <p>Fract_interpret / Varcode= open fr.</p> <p>Frac.interp. confidence= Possible</p> <p>PFL-anom. confidence= 1</p>	
46	<p>Bh-length (m) = 251</p> <p>$T (m^2/s) = 3.36E-7$</p>	<p>Adjusted secup (m) = 250.99</p> <p>Fract_interpret / Varcode= open fr.</p> <p>Frac.interp. confidence= Possible</p> <p>PFL-anom. confidence= 1</p>	

Table A1-27. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
47a	Bh-length (m) = 255.7 T (m ² /s) = 2.33E-9	Adjusted secup (m) =255.72 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	<p>The BIPS image is a geological cross-section with depth markers on the left and right. The left side shows elevations from -255.236 to -256.019. The right side shows depths from 147.41 to 012.17. Annotations include three black arrows pointing to specific features and two orange circles highlighting data points at 123.45 and 161.50. The image shows various geological layers and structures, including what appears to be a fracture zone.</p>
47b		Adjusted secup (m) =255.72 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
47c		Adjusted secup (m) =255.72 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
47d		Adjusted secup (m) =255.78 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A1-28. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
48	Bh-length (m) = 259.3 T (m ² /s) = 1.51E-9	Adjusted secup (m) = 259.35 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
49	Bh-length (m) = 259.7 T (m ² /s) = 4.62E-7	Adjusted secup (m) = 256 9.74 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	

Table A1-29. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
50a	Bh-length (m) = 266.6 T (m ² /s) = 2.88E-8	Adjusted secup (m) =266.59 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
50b		Adjusted secup (m) =266.64 Fract_interpret / Varcodes= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
50c		Adjusted secup (m) =266.68 Fract_interpret / Varcodes= partly open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A1-30. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
51a	Bh-length (m) = 269.4 T (m ² /s) = 2.45E-7	Adjusted secup (m) = 269.43 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Probable PFL-anom. confidence = 1	
51b		Adjusted secup (m) = 269.47 Fract_interpret / Varcodes = partly open fr. Frac.interp. confidence = Certain PFL-anom. confidence = 1	
51c		Adjusted secup (m) = 269.52 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Certain PFL-anom. confidence = 1	

Table A1-31. KSH01. Interpretation of PFL measurements and BOREMAP data

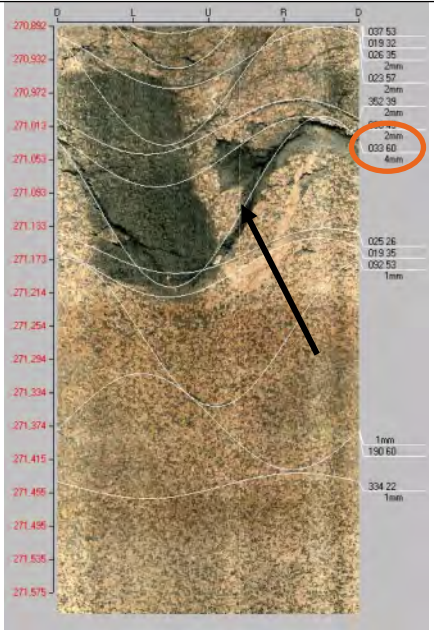
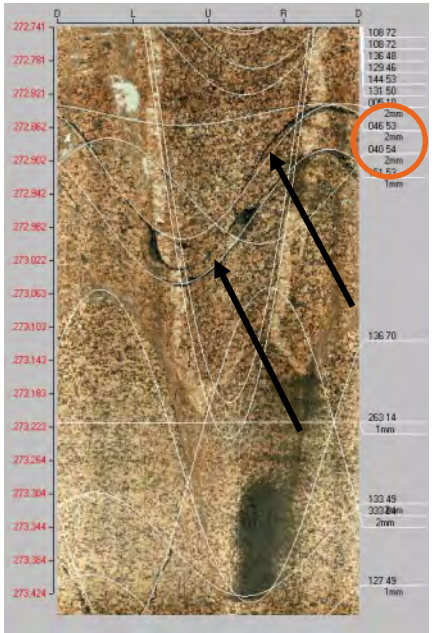
PFL anom. No	PFL anom data	Boremap data	BIPS Image
52	Bh-length (m) = 271.1 T (m ² /s) = 2.13E-7	Adjusted secup (m) = 271.1 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Certain PFL-anom. confidence = 1	
53a	Bh-length (m) = 272.9 T (m ² /s) = 2.37E-9	Adjusted secup (m) = 272.91 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Certain PFL-anom. confidence = 1	
53b		Adjusted secup (m) = 272.97 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Probable PFL-anom. confidence = 1	

Table A1-32. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
54	<p>Bh-length (m) = 274</p> <p>$T (m^2/s) = 1.41E-8$</p>	<p>Adjusted secup (m) = 273.98</p> <p>Fract_interpret / Varcode= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 1</p>	
55	<p>Bh-length (m) = 286.9</p> <p>$T (m^2/s) = 4.14E-10$</p>	<p>Adjusted secup (m) = 286.88</p> <p>Fract_interpret / Varcode= open fr.</p> <p>Frac.interp. confidence= Possible</p> <p>PFL-anom. confidence= 1</p>	

Table A1-33. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
56	Bh-length (m) = 290.2 T (m ² /s) = 1.32E-7	Adjusted secup (m) = 289.94 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Possible PFL-anom. confidence = 3	
57	Bh-length (m) = 290.8 T (m ² /s) = 1.19E-6	Adjusted secup (m) = 290.92 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Certain PFL-anom. confidence = 1	

Table A1-34. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
58	<p>Bh-length (m) = 299.8</p> <p>T (m²/s) = 8.34E-10</p>	<p>Adjusted secup (m) =299.9</p> <p>Fract_interpret / Varcod= open fr.</p> <p>Frac.interp. confidence= Possible</p> <p>PFL-anom. confidence= 1</p> <p>Adjusted secup (m) =299.9</p> <p>Fract_interpret / Varcod= open fr.</p> <p>Frac.interp. confidence= Possible</p> <p>PFL-anom. confidence= 1</p>	
59	<p>Bh-length (m) = 311.8</p> <p>T (m²/s) = 3.98E-10</p>	<p>Adjusted secup (m) =311.77</p> <p>Fract_interpret / Varcod= open fr.</p> <p>Frac.interp. confidence= Possible</p> <p>PFL-anom. confidence= 1</p>	

Table A1-35. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
60	<p>Bh-length (m) = 312</p> <p>$T (m^2/s) = 3.98E-10$</p>	<p>Adjusted secup (m) = 312.33</p> <p>Fract_interpret / Varcodes = open fr.</p> <p>Frac.interp. confidence = Certain</p> <p>PFL-anom. confidence = 3</p>	
61	<p>Bh-length (m) = 379.5</p> <p>$T (m^2/s) = 1.13E-9$</p>	<p>Adjusted secup (m) = 379.44</p> <p>Fract_interpret / Varcodes = open fr.</p> <p>Frac.interp. confidence = Possible</p> <p>PFL-anom. confidence = 1</p>	

Table A1-36. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
62	<p>Bh-length (m) = 382.7</p> <p>$T (m^2/s) = 8.50E-10$</p>	<p>Adjusted secup (m) = 382.81</p> <p>Fract_interpret / Varcode= open fr.</p> <p>Frac.interp. confidence= Probable</p> <p>PFL-anom. confidence= 2</p>	
63	<p>Bh-length (m) = 392.4</p> <p>$T (m^2/s) = 4.01E-10$</p>	<p>Adjusted secup (m) = 392.47</p> <p>Fract_interpret / Varcode= open fr.</p> <p>Frac.interp. confidence= Possible</p> <p>PFL-anom. confidence= 1</p>	

Table A1-37. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
64	Bh-length (m) = 445.3 T (m ² /s) = 8.63E-10	Adjusted secup (m) = 445.37 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Possible PFL-anom. confidence = 1	
65a	Bh-length (m) = 542 T (m ² /s) = 7.40E-10	Adjusted secup (m) = 542.09 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Probable PFL-anom. confidence = 1	
65b		Adjusted secup (m) = 542.17 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Possible PFL-anom. confidence = 1	

Table A1-38. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
66	Bh-length (m) = 542.3 T (m ² /s) = 2.22E-9	Adjusted secup (m) =542.4 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
67	Bh-length (m) = 543.2 T (m ² /s) = 9.18E-9	Adjusted secup (m) =543.2 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A1-39. KSH01. Interpretation of PFL measurements and BOREMAP data

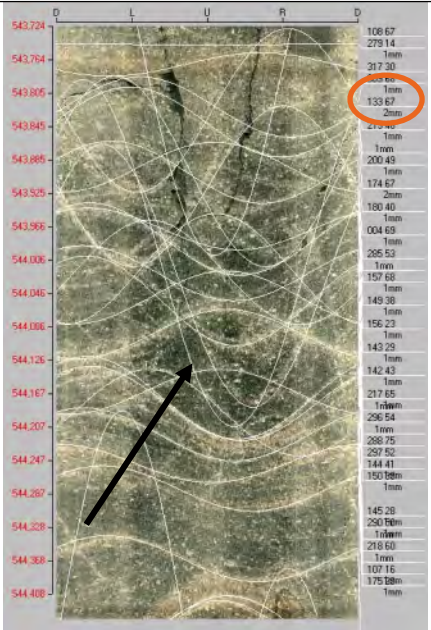
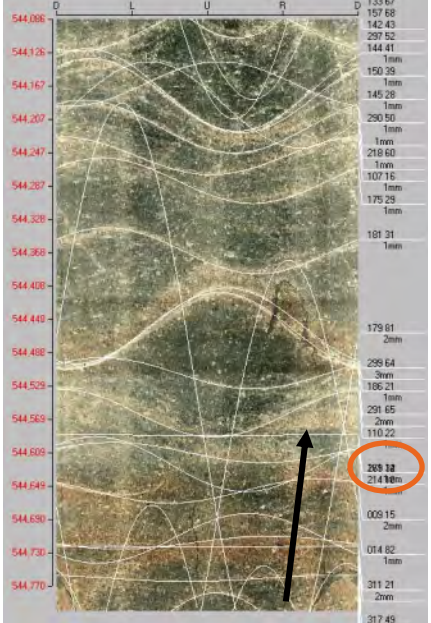
PFL anom. No	PFL anom data	Boremap data	BIPS Image
68	Bh-length (m) = 544 T (m ² /s) = 1.01E-8	Adjusted secup (m) =544.01 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
69	Bh-length (m) = 544.3 T (m ² /s) = 1.04E-9	Adjusted secup (m) =544.63 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 4	

Table A1-40. KSH01. Interpretation of PFL measurements and BOREMAP data

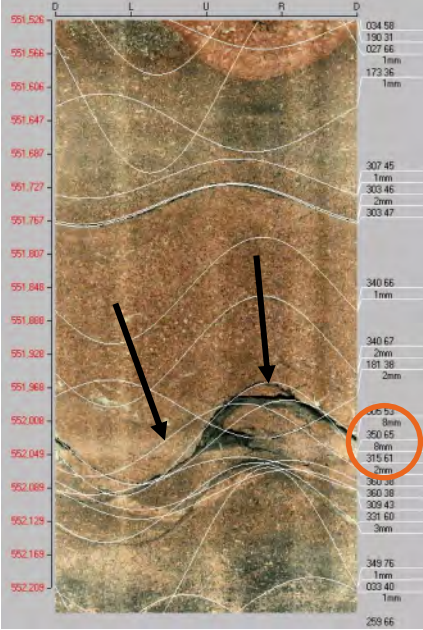
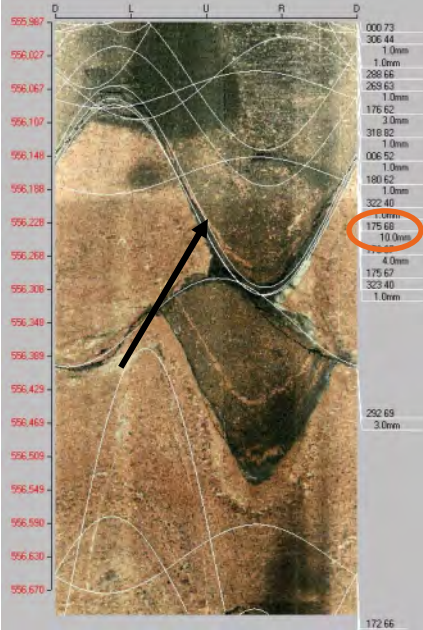
PFL anom. No	PFL anom data	Boremap data	BIPS Image
70a	Bh-length (m) = 552 T (m ² /s) = 1.51E-9	Adjusted secup (m) =552.03 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
70b		Adjusted secup (m) =552.03 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
71	Bh-length (m) = 556.2 T (m ² /s) = 1.05E-9	Adjusted secup (m) =556.18 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A1-41. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
72a	Bh-length (m) = 557.5 T (m ² /s) = 3.22E-8	Adjusted secup (m) = 557.57 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
72b		Adjusted secup (m) = 557.59 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
73a	Bh-length (m) = 558.4 T (m ² /s) = 2.41E-7	Adjusted secup (m) = 558.41 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
73b		Adjusted secup (m) = 558.46 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A1-42. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
74a	Bh-length (m) = 560.2 T (m ² /s) = 4.21E-8	Adjusted secup (m) =560.27 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	<p>The BIPS image displays a geological cross-section with various colored layers and fracture patterns. A vertical scale on the right side lists values from 250.76 to 337.20mm. Two black arrows point to specific features within the central part of the image.</p>
74b		Adjusted secup (m) =560.27 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	

Table A1-43. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
75a	Bh-length (m) = 590.4 T (m ² /s) = 6.63E-7	Adjusted secup (m) = 590.42 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Certain PFL-anom. confidence = 1	
75b		Adjusted secup (m) = 590.42 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Certain PFL-anom. confidence = 1	
75c		Adjusted secup (m) = 590.43 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Certain PFL-anom. confidence = 1	

Table A1-44. KSH01. Interpretation of PFL measurements and BOREMAP data

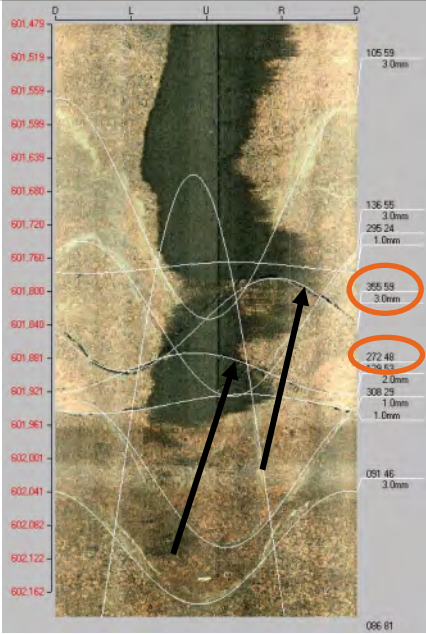
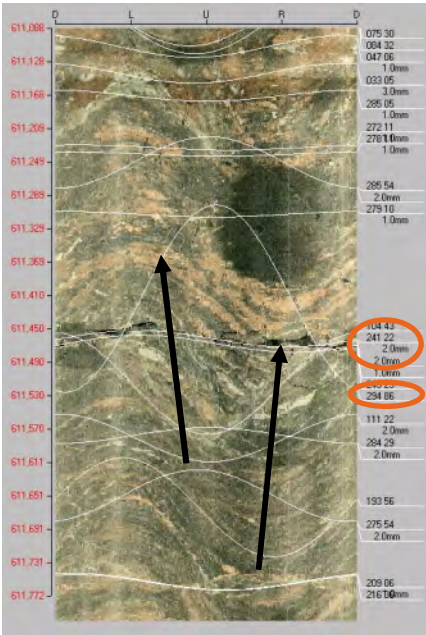
PFL anom. No	PFL anom data	Boremap data	BIPS Image
76	Bh-length (m) = 601.8 T (m ² /s) = 1.11E-9	Adjusted secup (m) =601.84 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Uncertain PFL-anom. confidence= 2 Adjusted secup (m) =601.90 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Uncertain PFL-anom. confidence= 2	
77a	Bh-length (m) = 611.4 T (m ² /s) = 1.11E-9	Adjusted secup (m) =611.41 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
77b		Adjusted secup (m) =611.46 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A1-45. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
78	Bh-length (m) = 685 T (m ² /s) = 8.45E-9	Adjusted secup (m) = 685.09 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
79	Bh-length (m) = 701.4 T (m ² /s) = 1.72E-9	Adjusted secup (m) = 701.48 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A1-46. KSH01. Interpretation of PFL measurements and BOREMAP data

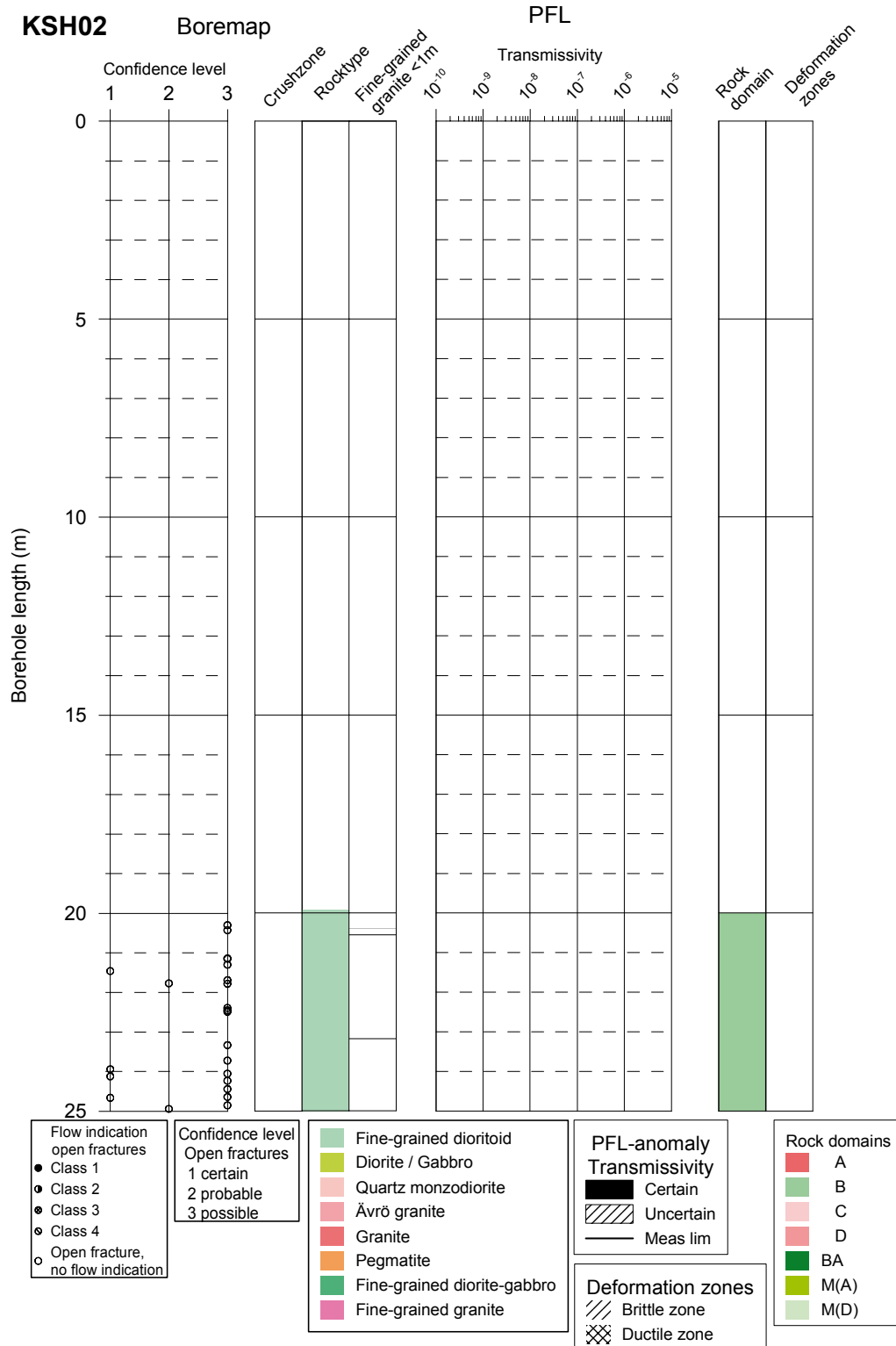
PFL anom. No	PFL anom data	Boremap data	BIPS Image
80	Bh-length (m) = 702.6 T (m ² /s) = 4.41E-10	Adjusted secup (m) = 702.63 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Probable PFL-anom. confidence = 1 Adjusted secup (m) = 702.60 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Possible PFL-anom. confidence = 1	
81	Bh-length (m) = 704.3 T (m ² /s) = 4.70E-10	Adjusted secup (m) = 704.55 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Possible PFL-anom. confidence = 1	

Table A1-47. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
82	Bh-length (m) = 727.1 T (m ² /s) = 4.16E-9	Adjusted secup (m) = 727.26 Fract_interpret / Varcodes = open fr. Frac.interp. confidence = Probable PFL-anom. confidence = 1	<p>The BIPS image is a vertical cross-section of a geological formation. It shows various layers and textures. A black arrow points to a dark, irregular feature, likely a fracture. A red circle highlights a specific feature on the right side. The image is overlaid with a grid of coordinates. The vertical axis on the left is labeled with values from 726.982 to 727.675. The vertical axis on the right is labeled with values from 1172.79 to 1193.84. The horizontal axis at the top is labeled with 'D', 'L', 'U', 'R', 'D'. A scale bar at the bottom right indicates 1.0mm.</p>

KSH02A

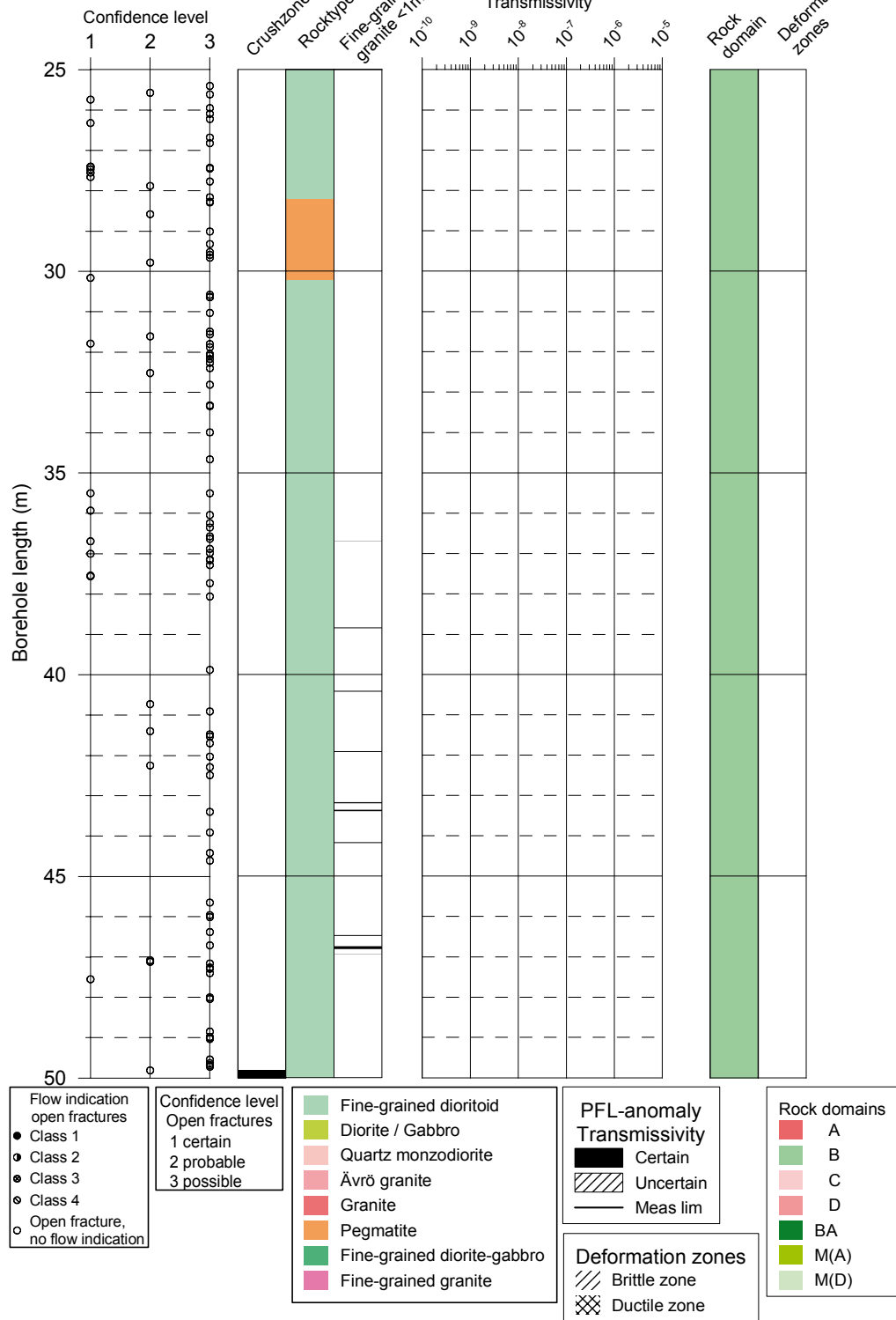
In this appendix plots showing flow log anomalies to core mapped features in KSH02A for every 25 m of the borehole are found. BIPS images of PFL anomalies are also shown.

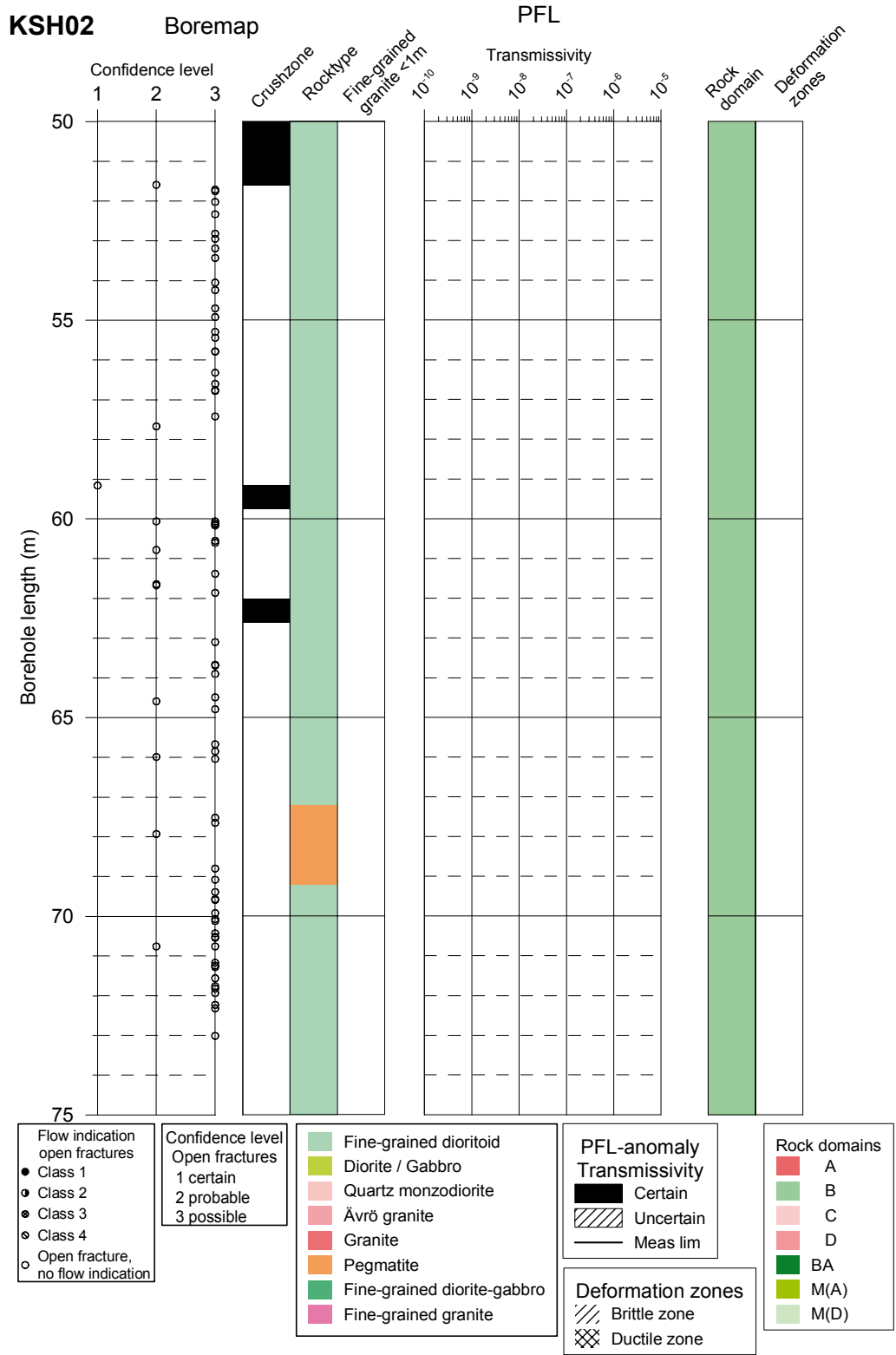


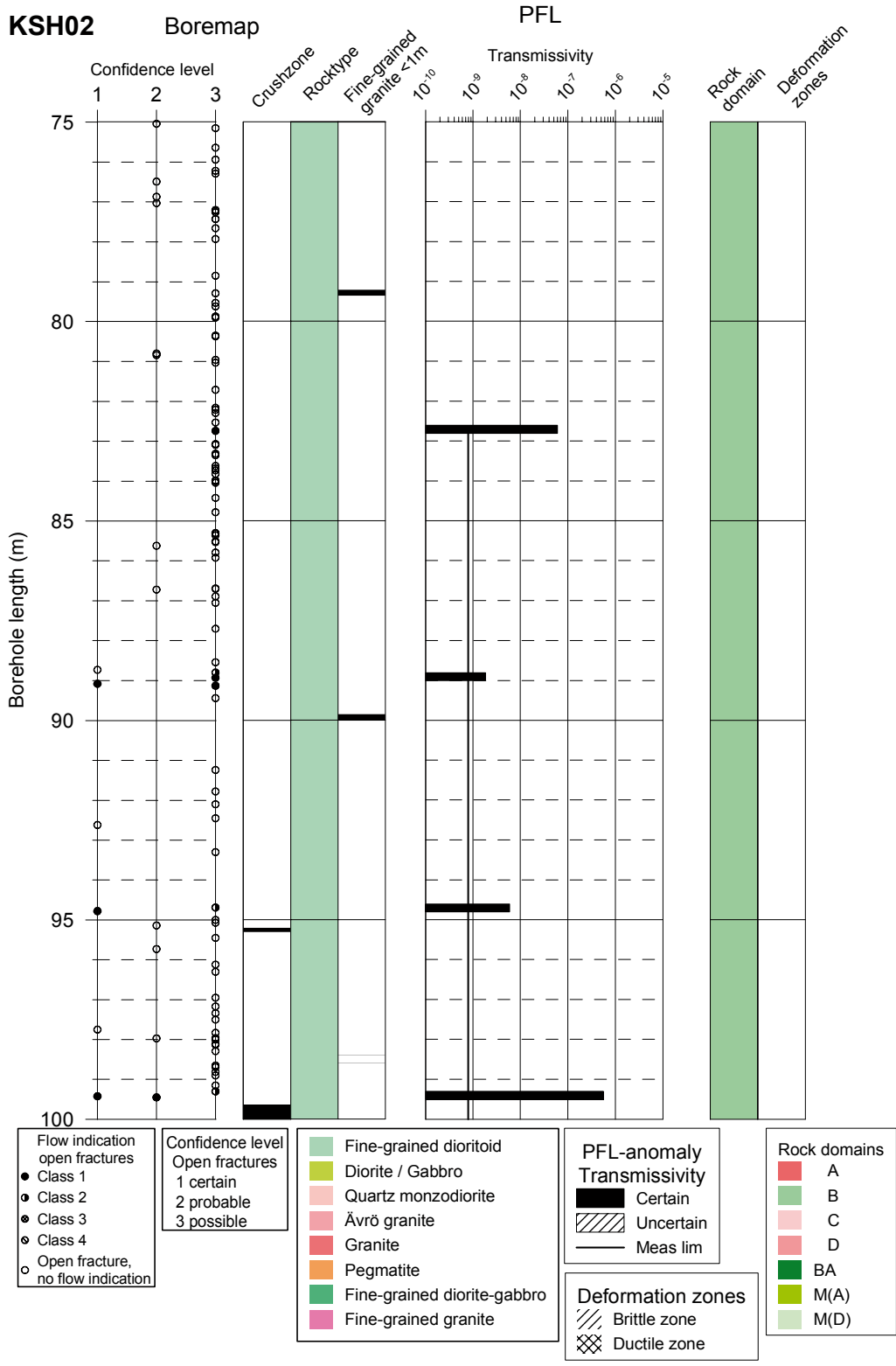
KSH02

Boremap

PFL



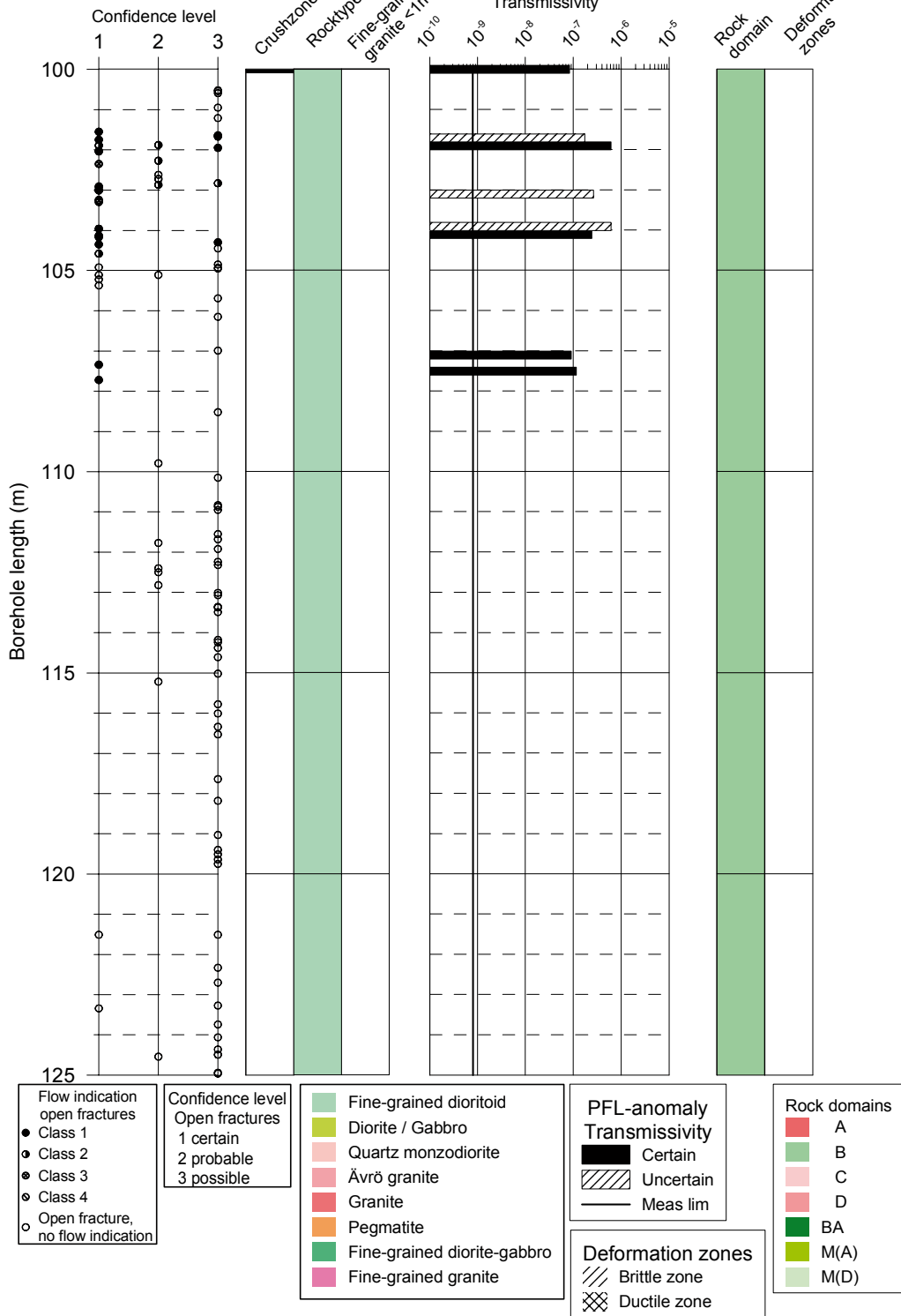




KSH02

Boremap

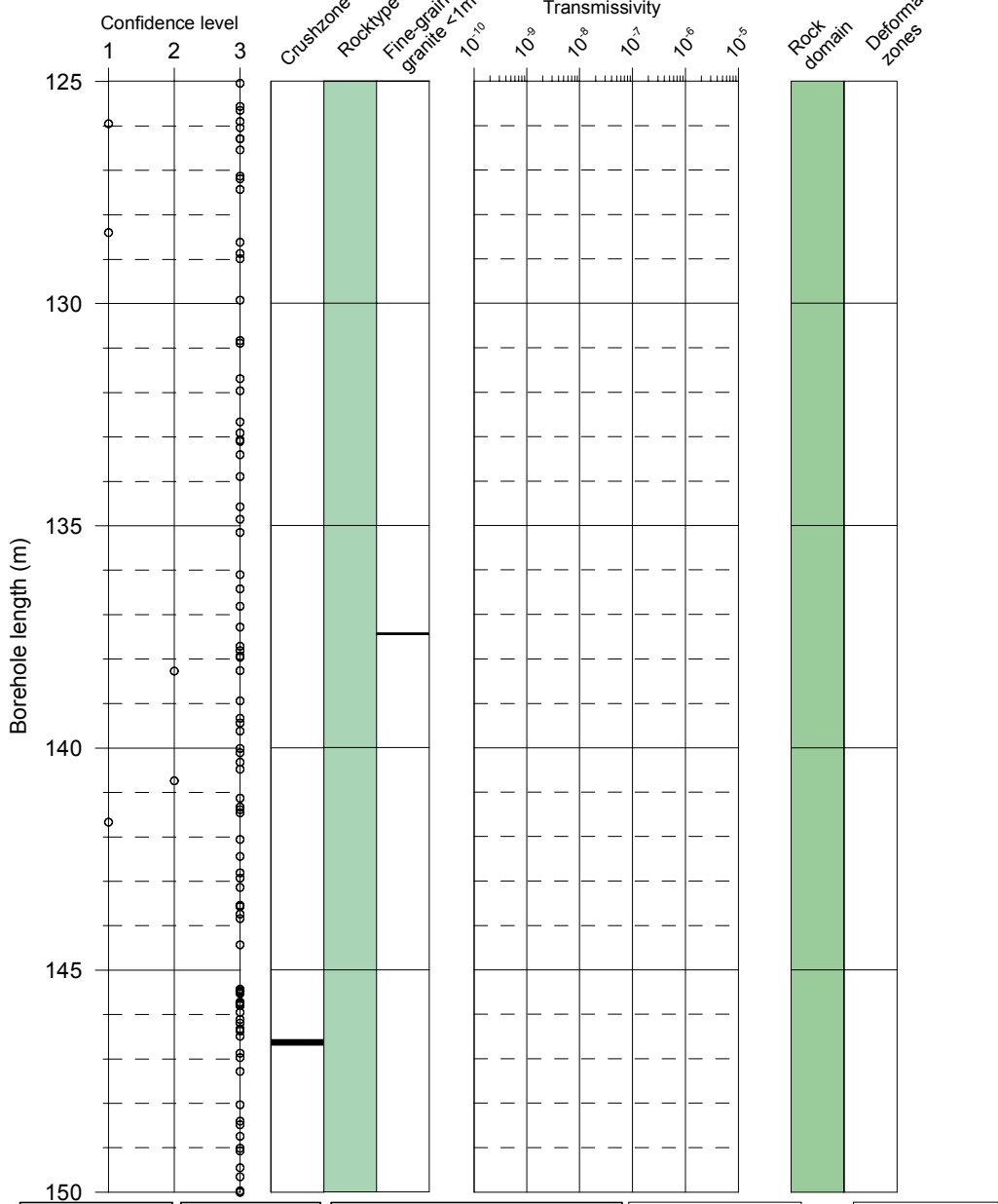
PFL



KSH02

Boremap

PFL



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 dioritoid
 Diorite / Gabbro
 Quartz monzodiorite
 Ävrö granite
 Granite
 Pegmatite
 Fine-grained diorite-gabbro
 Fine-grained granite

PFL-anomaly Transmissivity

- Certain
- Uncertain
- Meas lim

Deformation zones

- Brittle zone
- Ductile zone

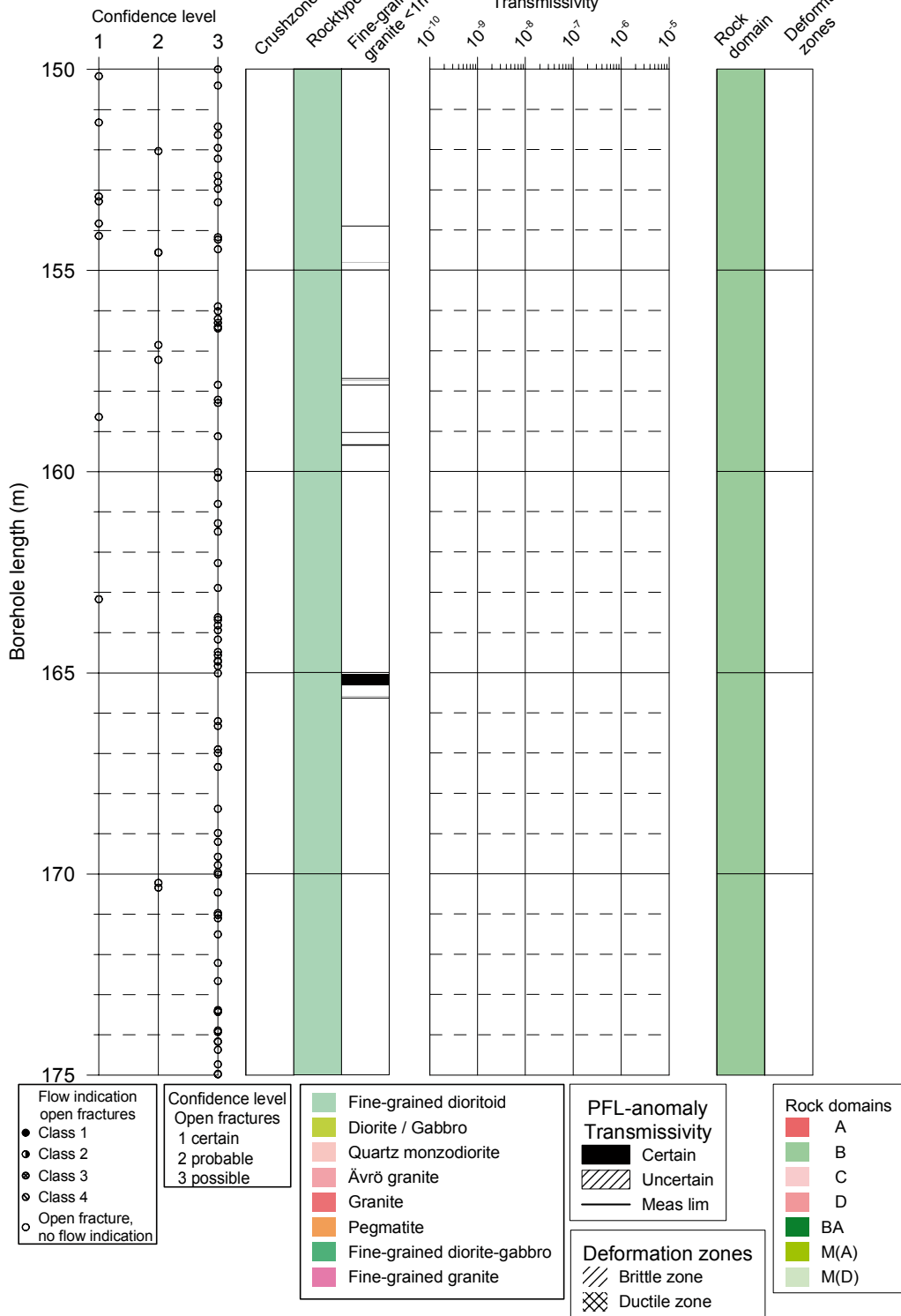
Rock domains

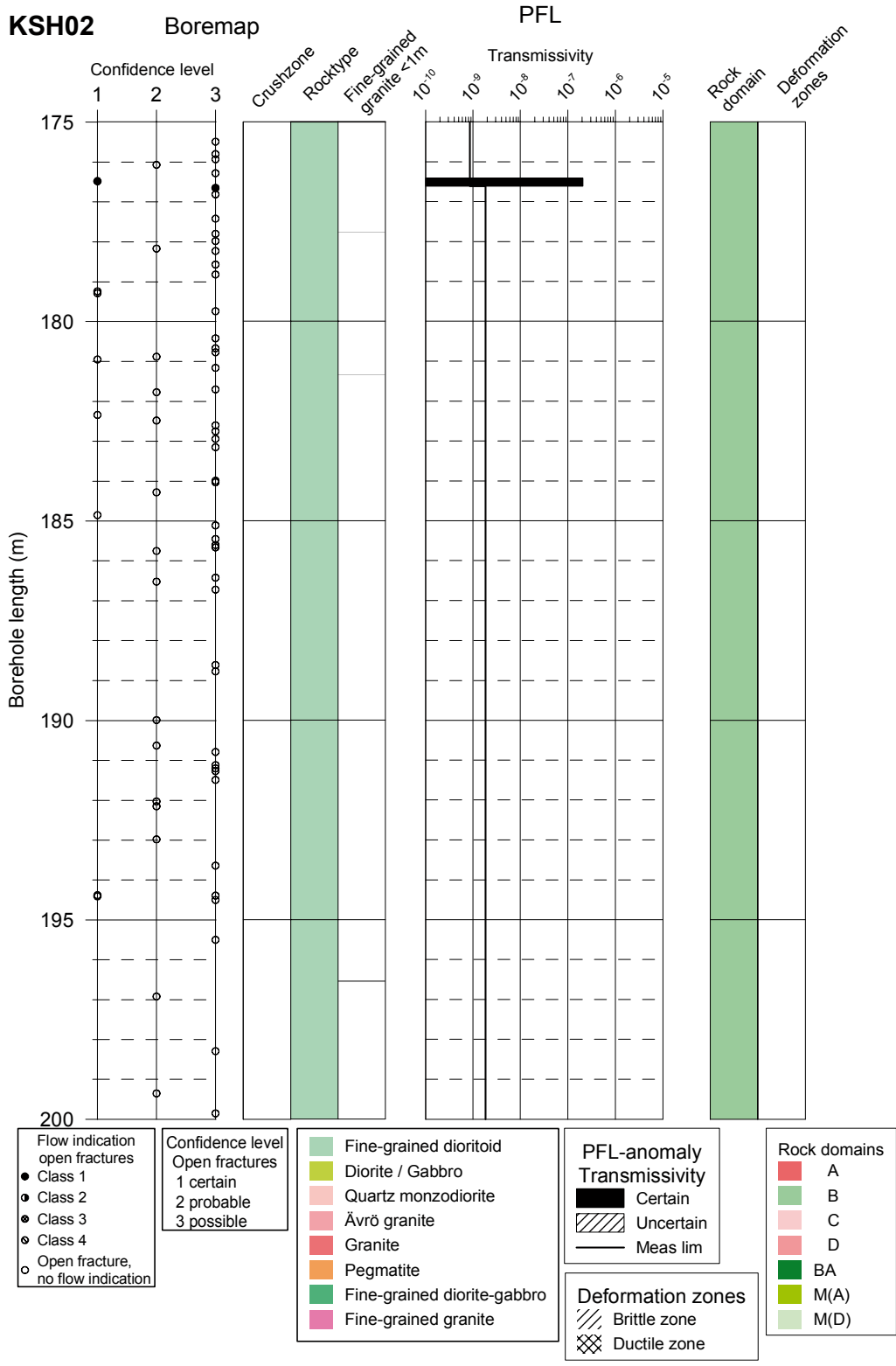
- A
- B
- C
- D
- BA
- M(A)
- M(D)

KSH02

Boremap

PFL

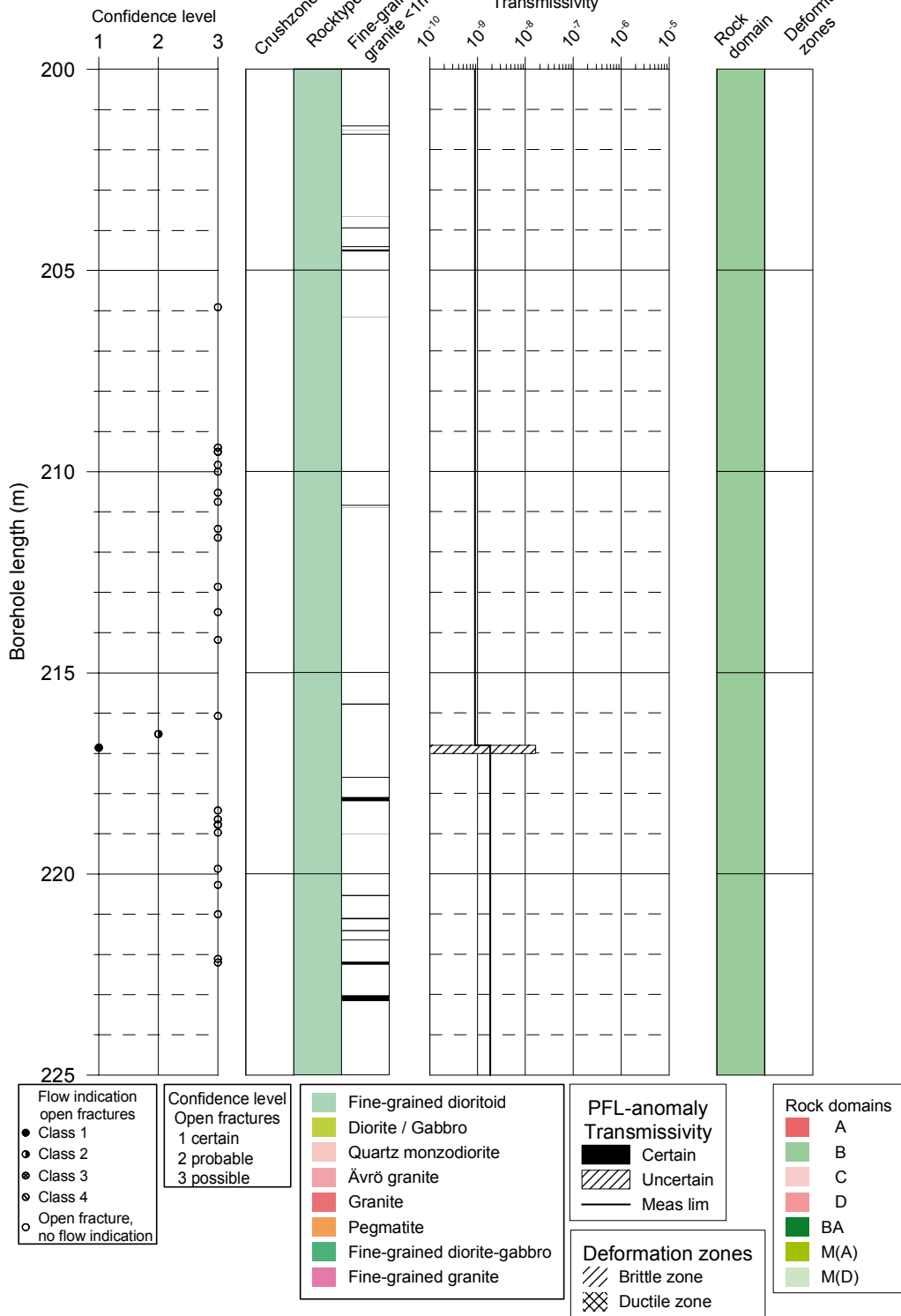


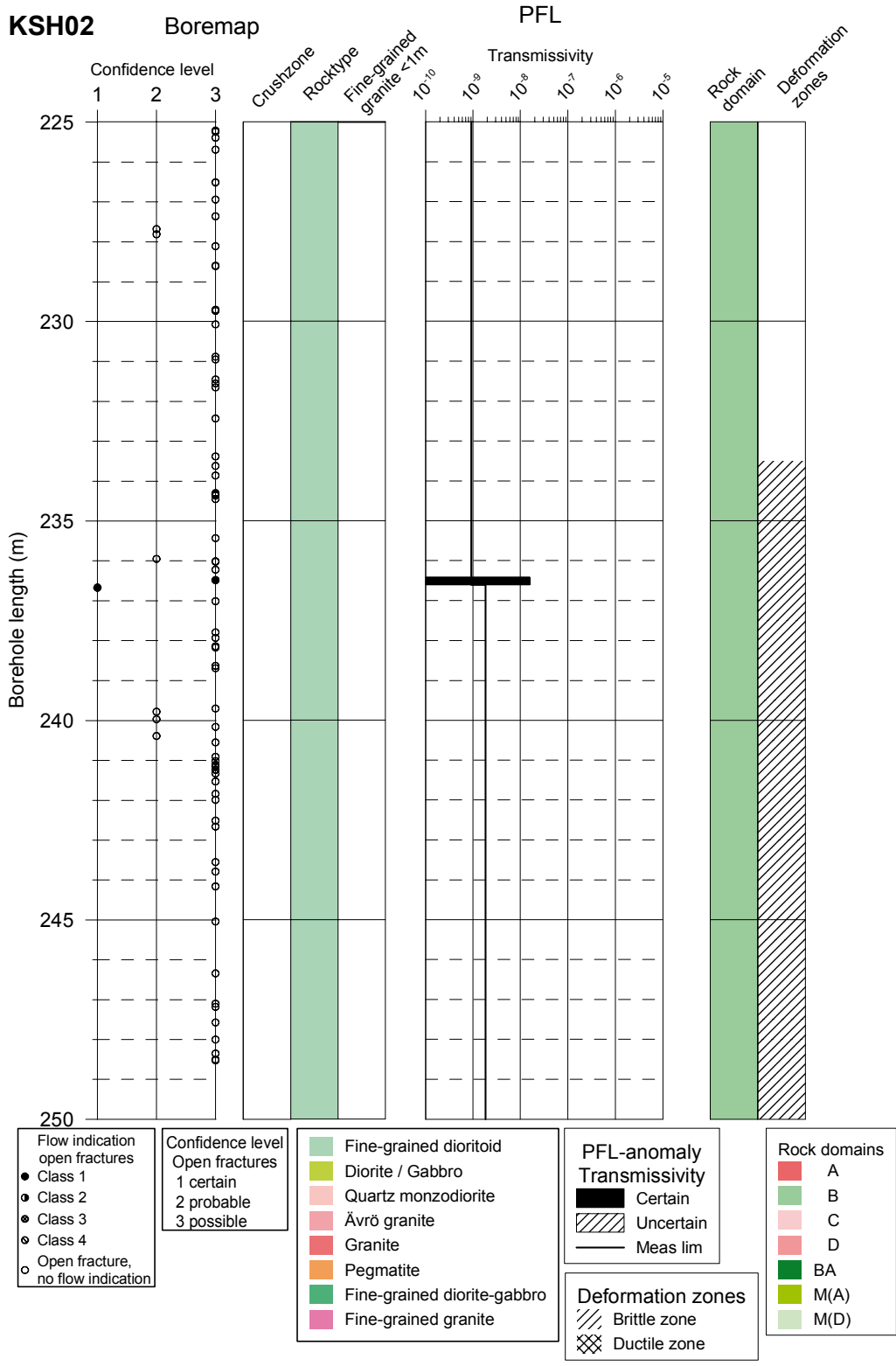


KSH02

Boremap

PFL

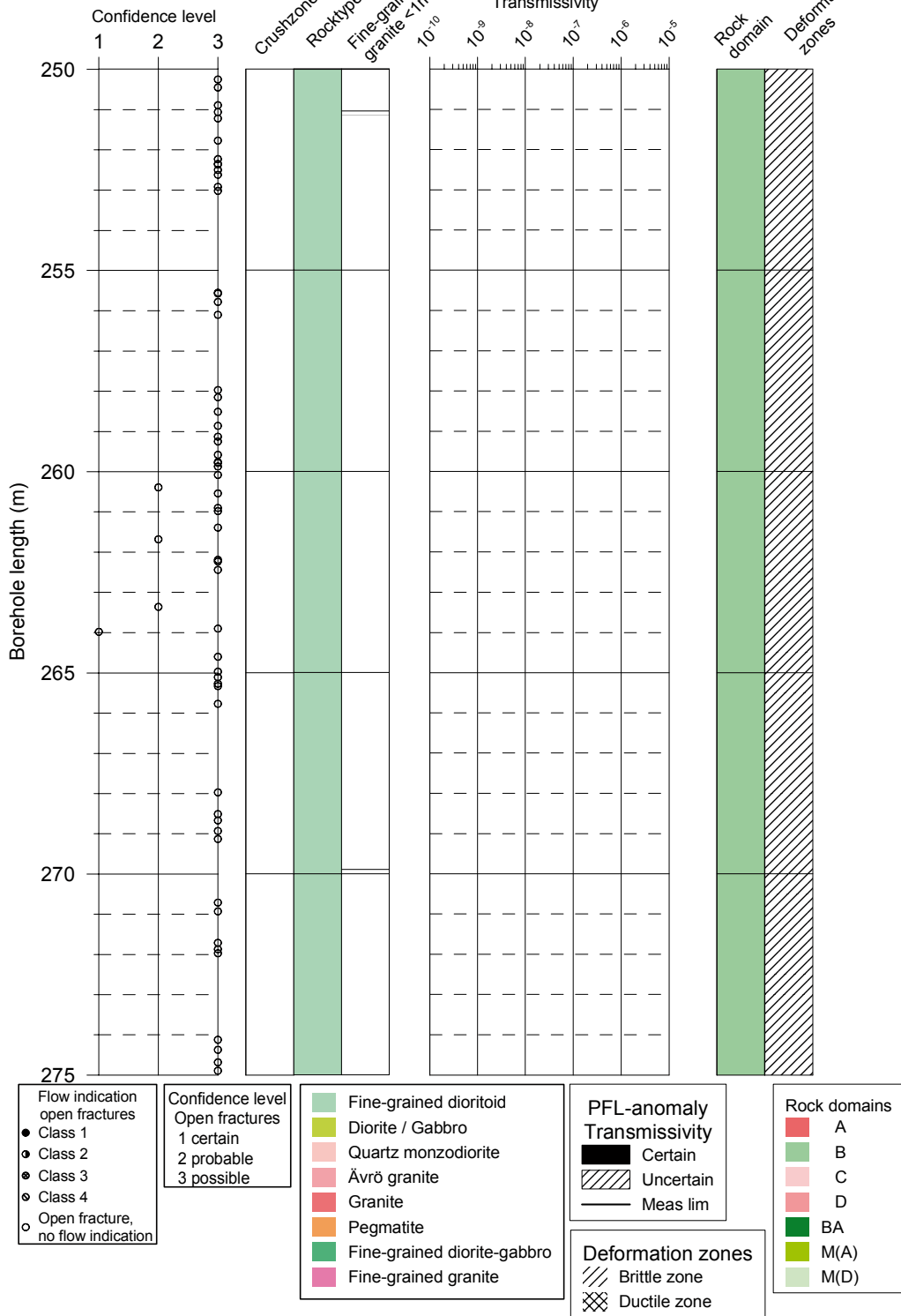




KSH02

Boremap

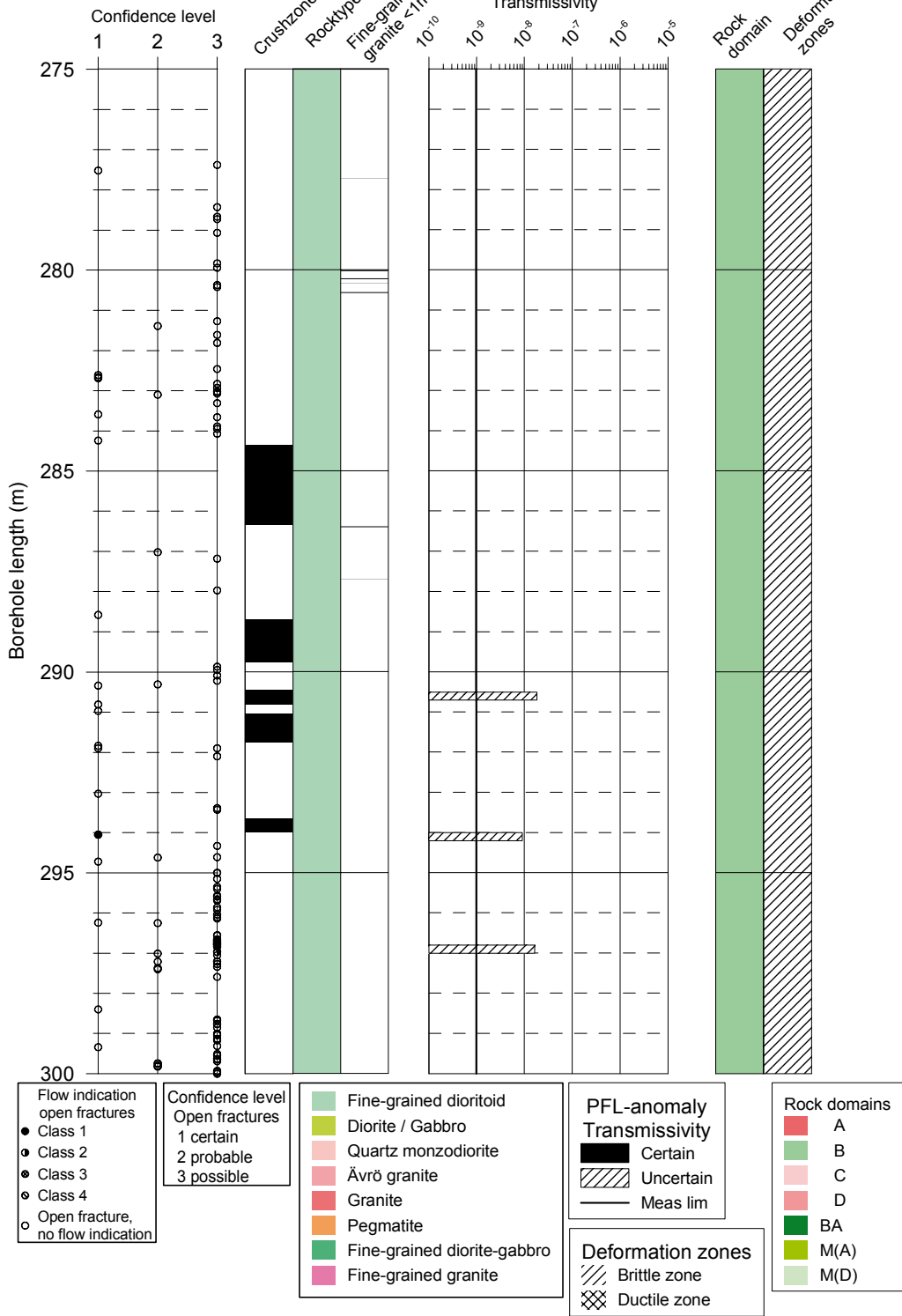
PFL



KSH02

Boremap

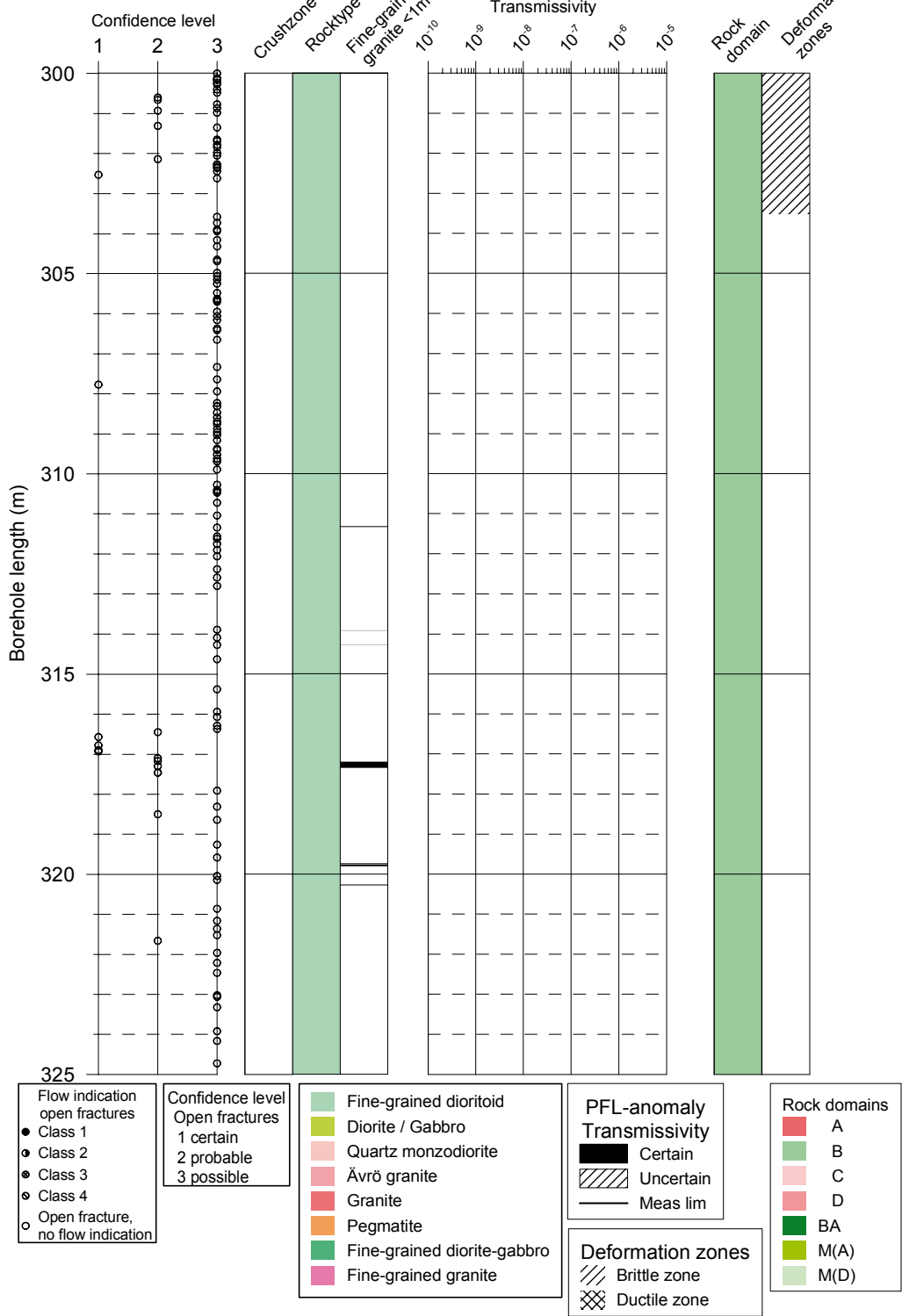
PFL



KSH02

Boremap

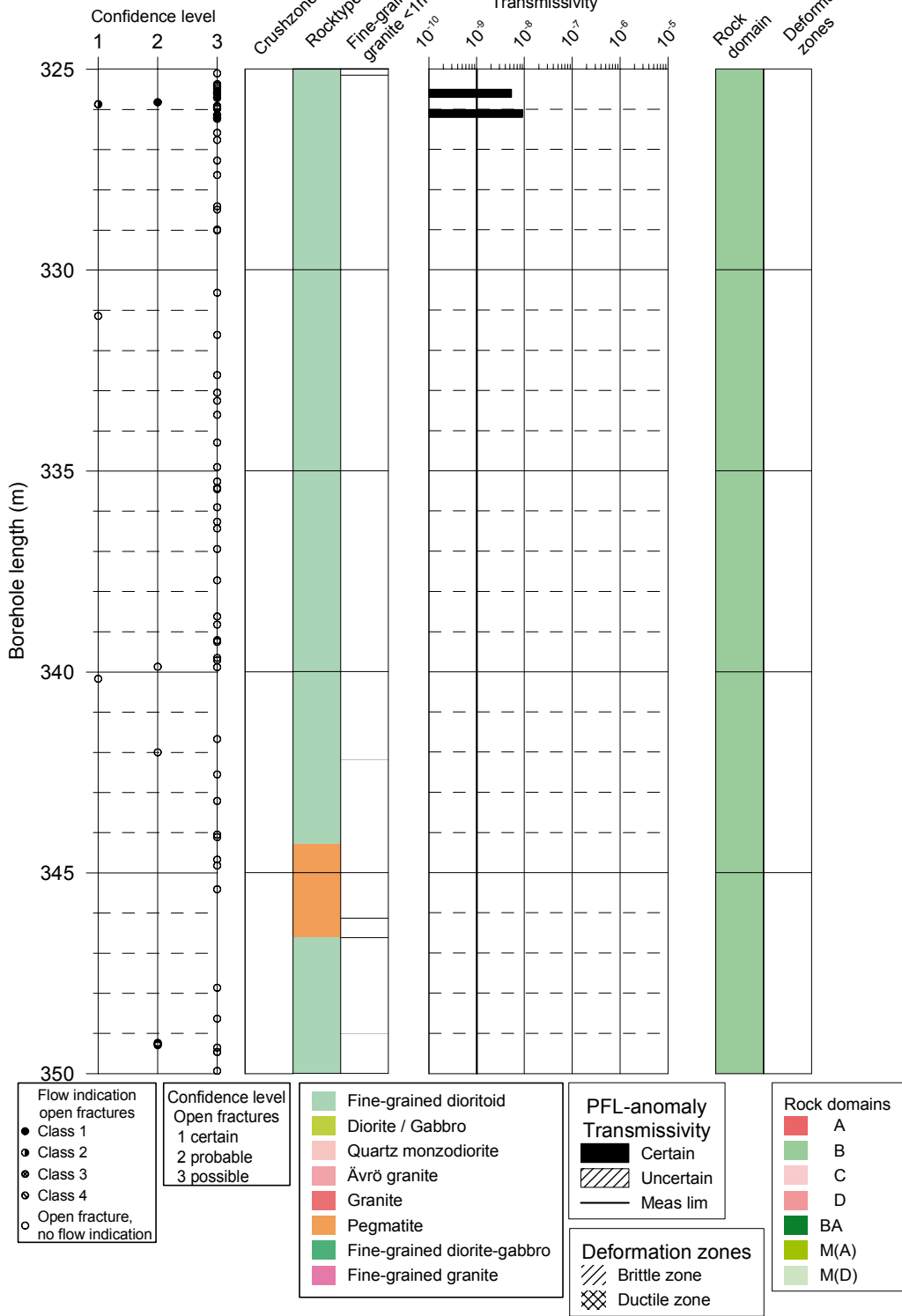
PFL



KSH02

Boremap

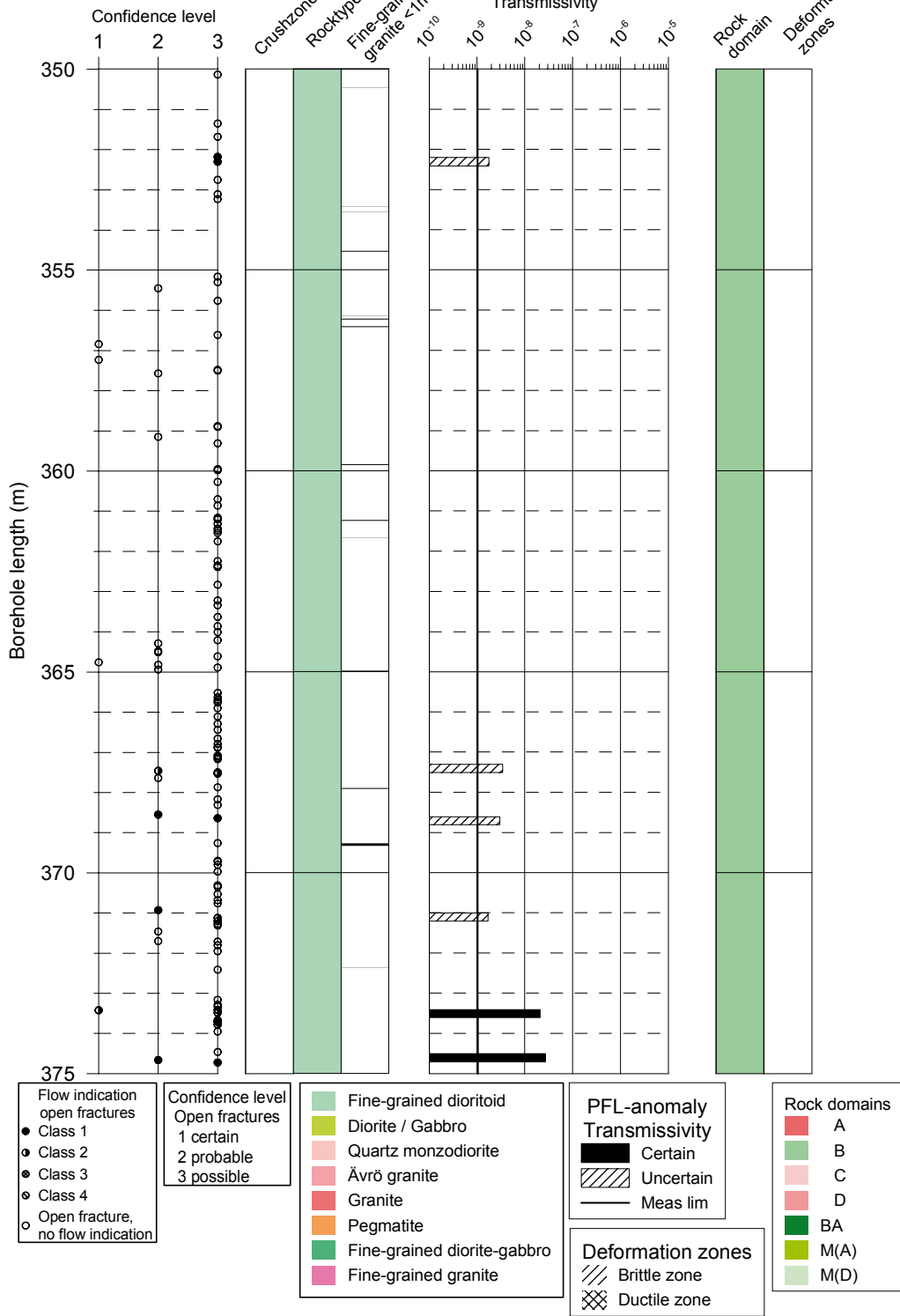
PFL

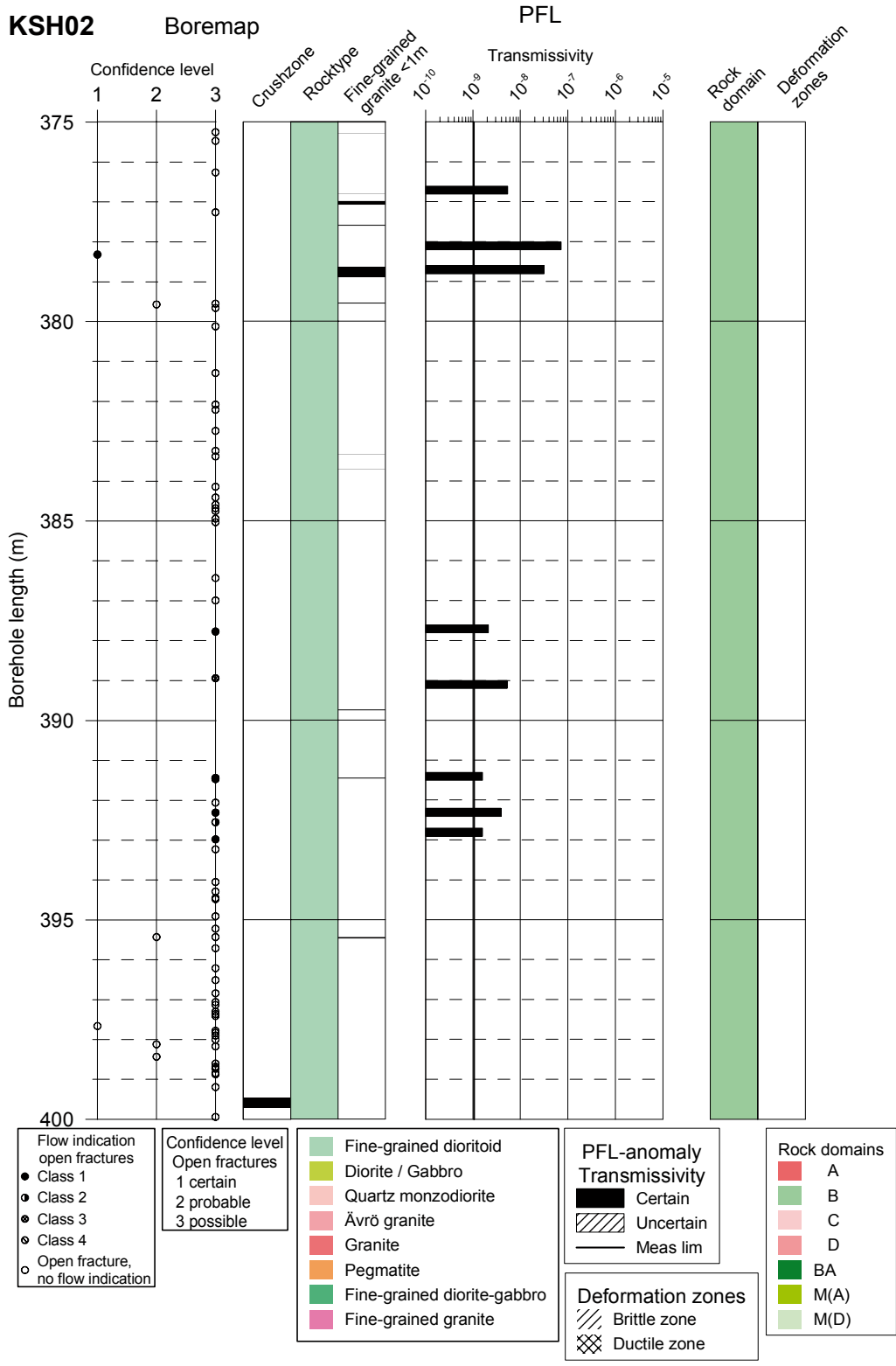


KSH02

Boremap

PFL

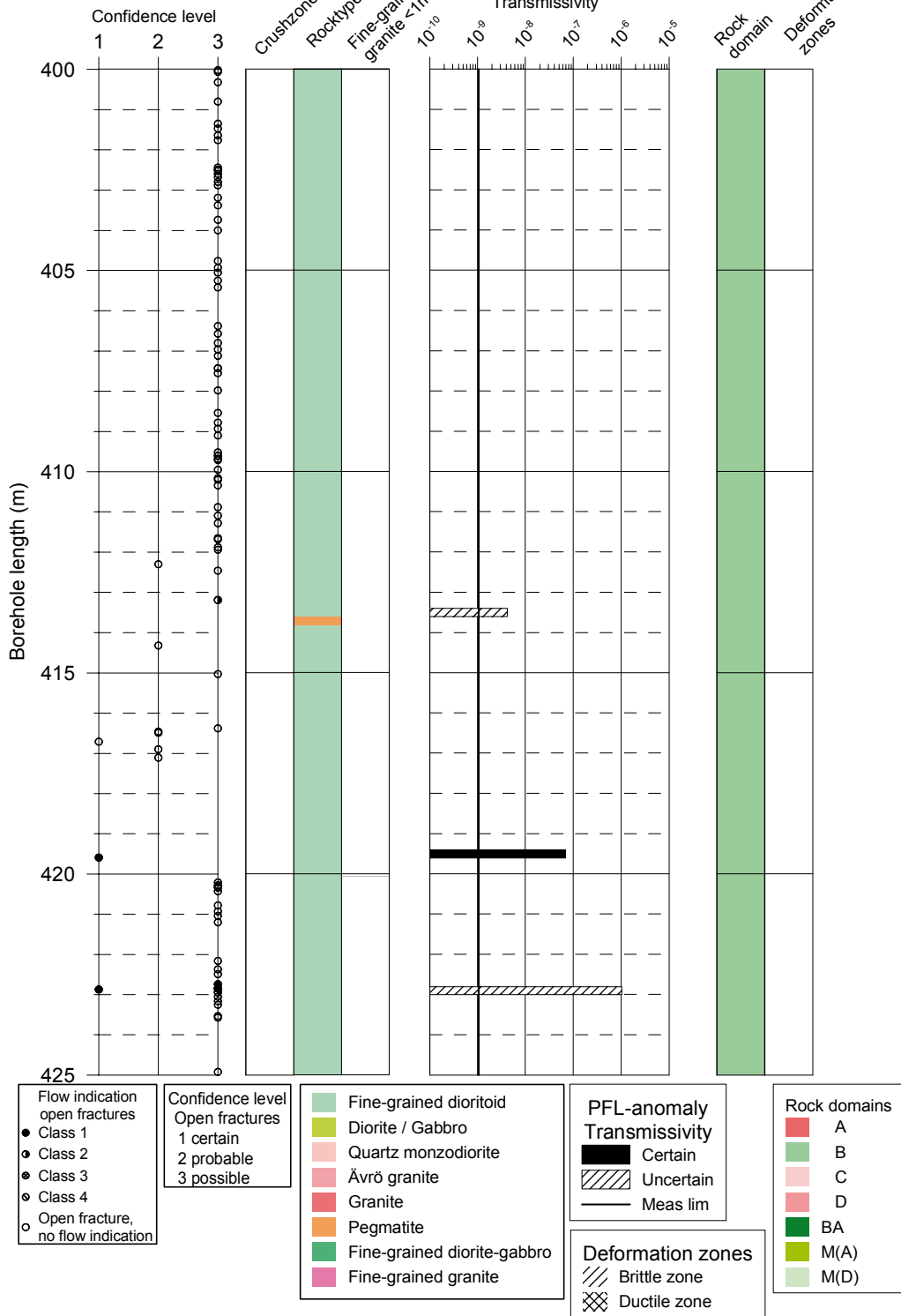




KSH02

Boremap

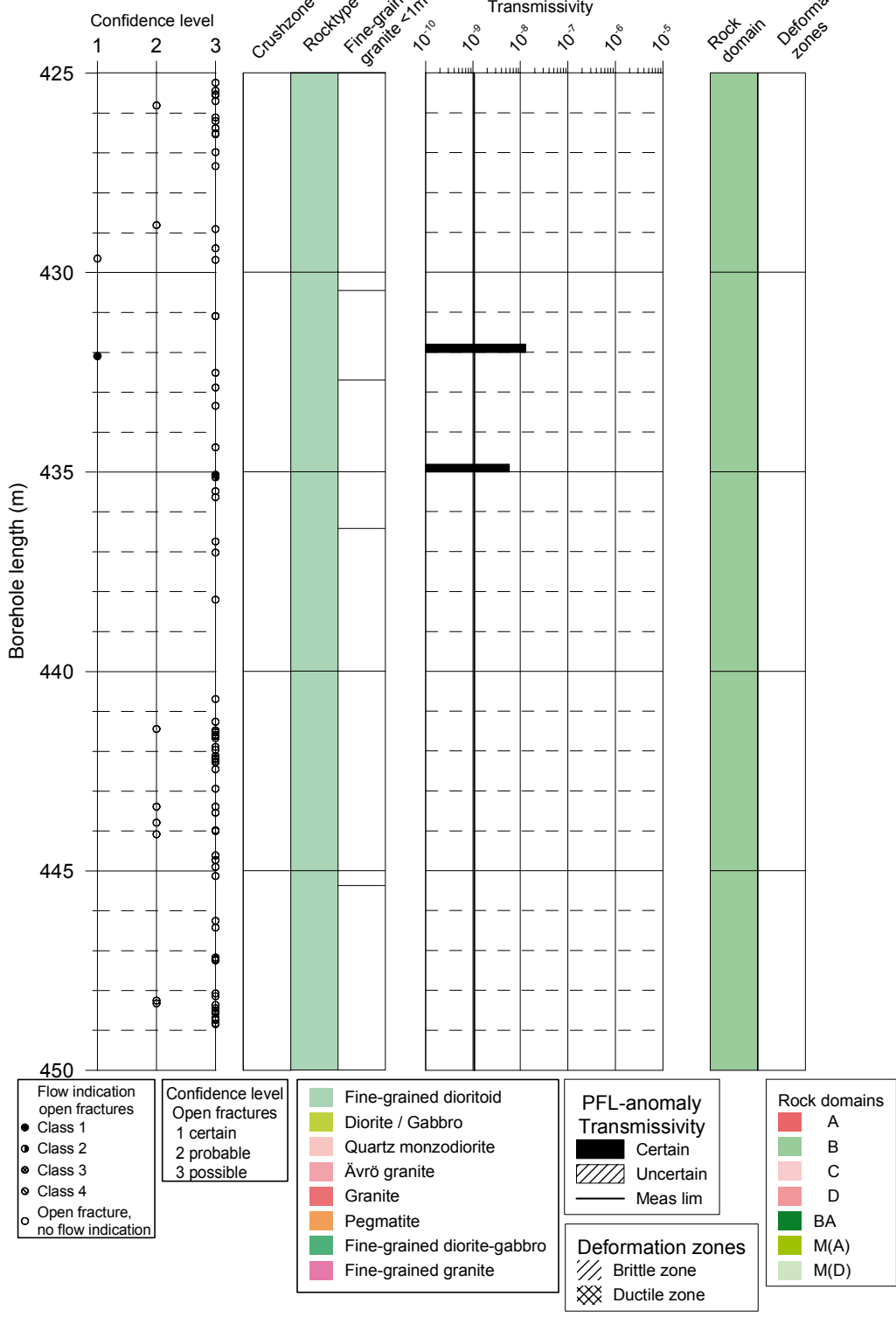
PFL



KSH02

Boremap

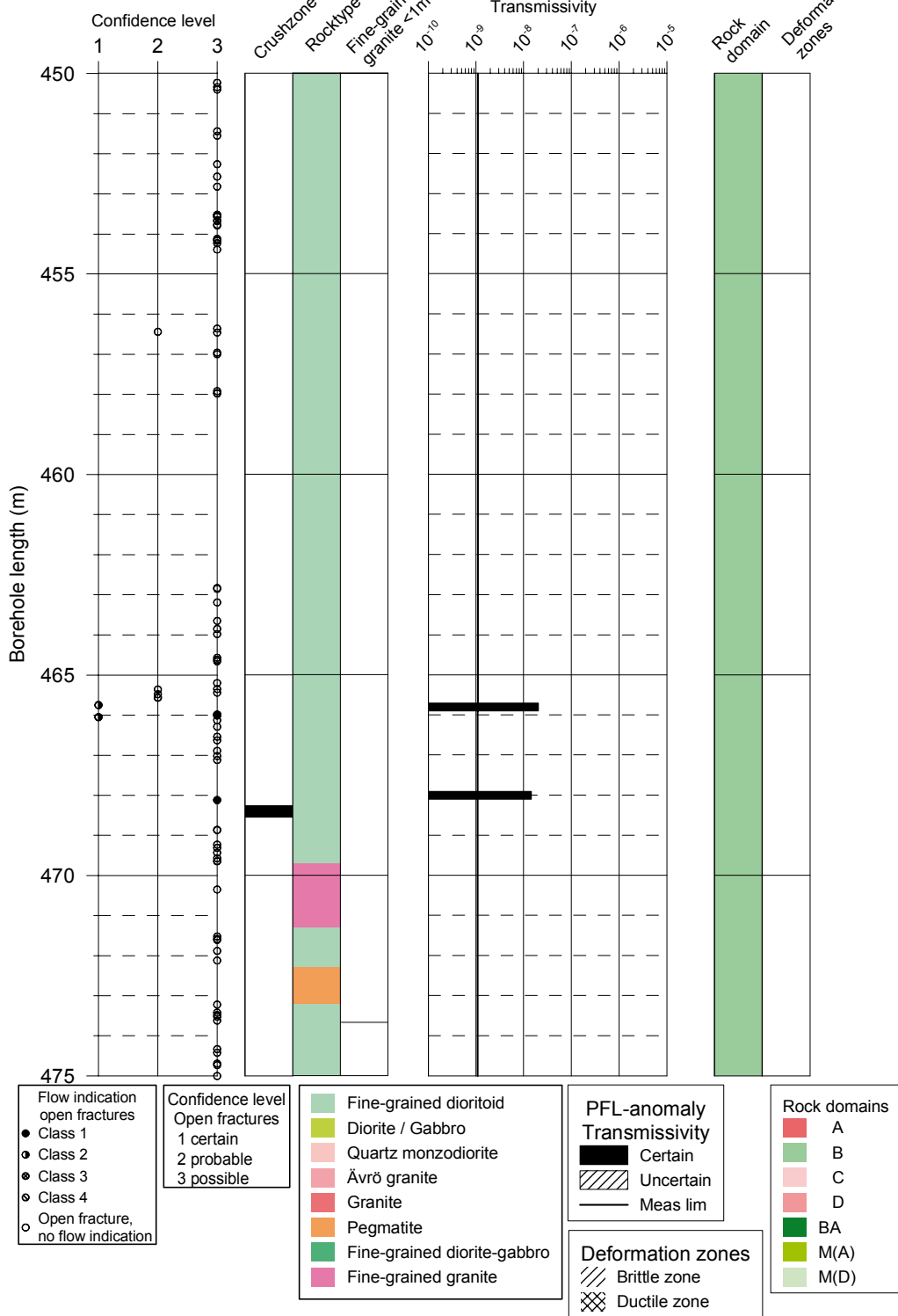
PFL



KSH02

Boremap

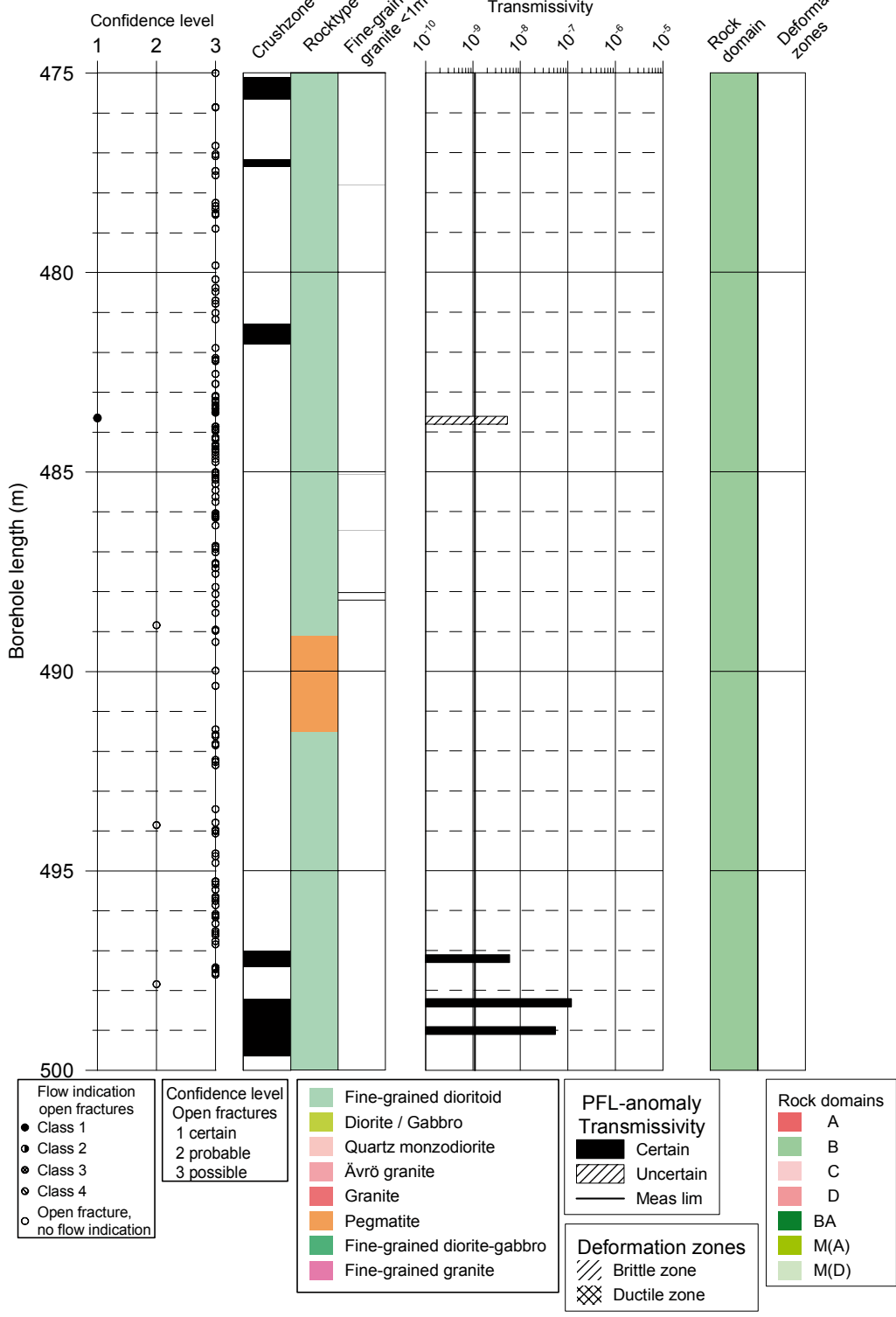
PFL



KSH02

Boremap

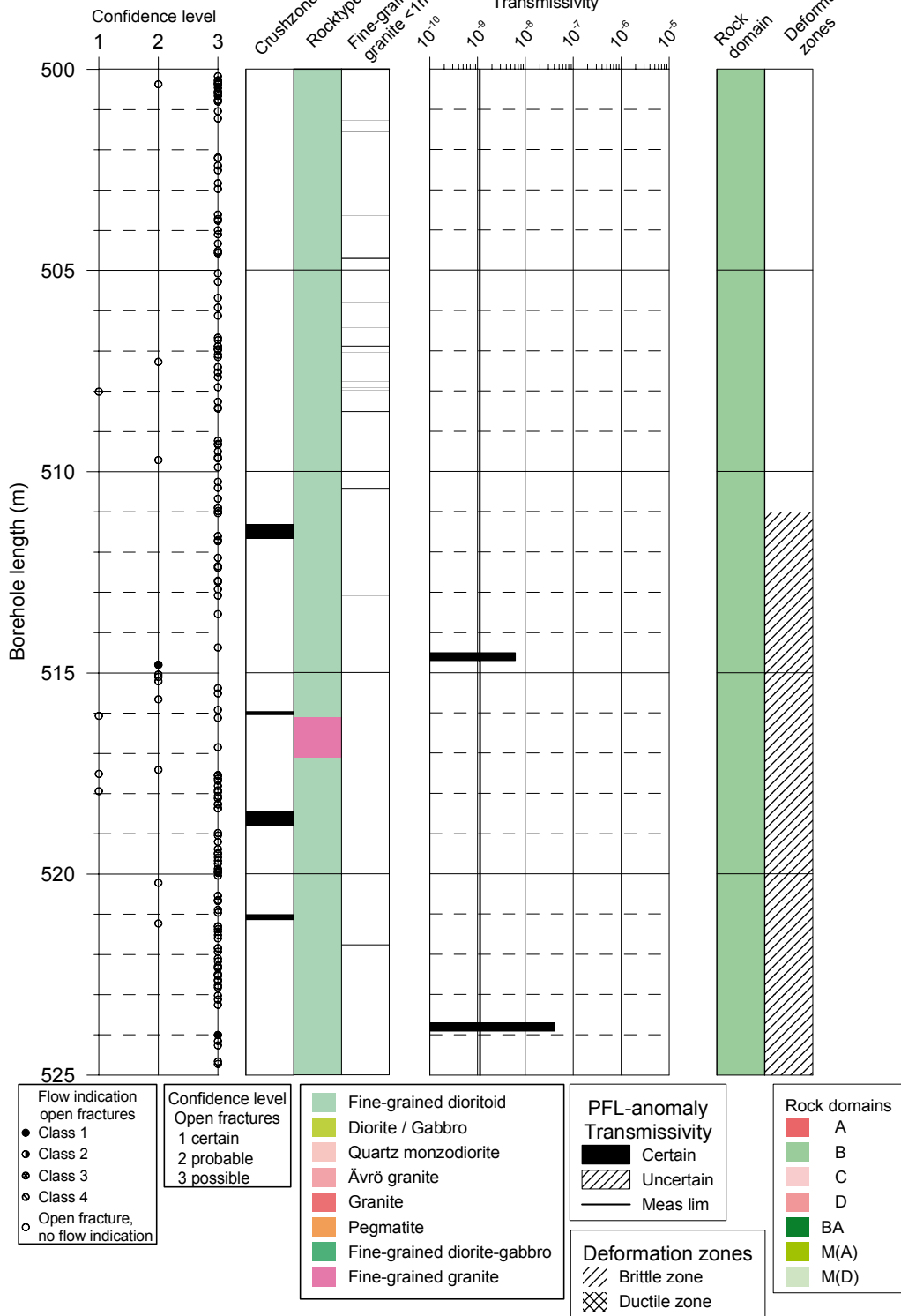
PFL

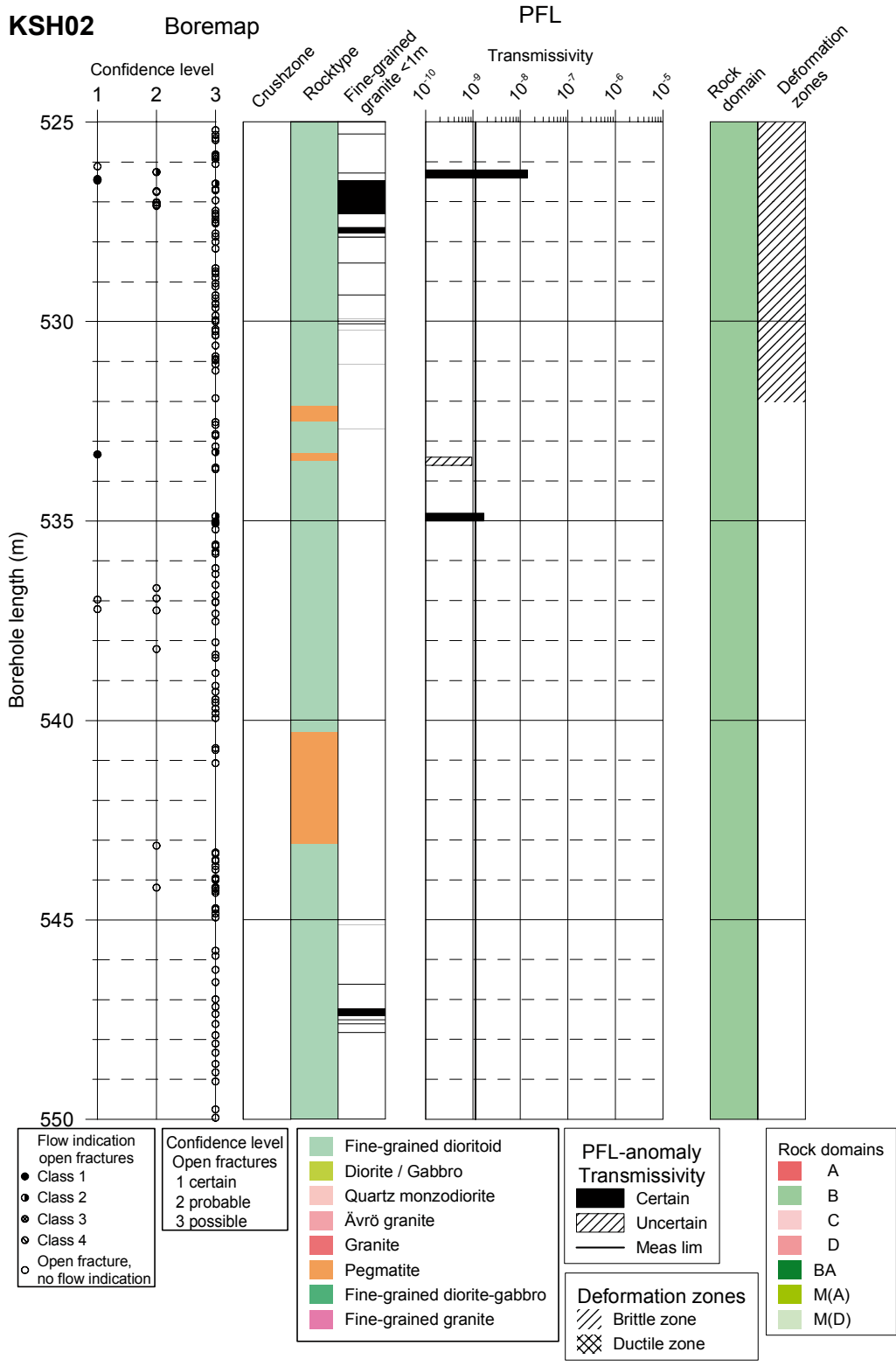


KSH02

Boremap

PFL

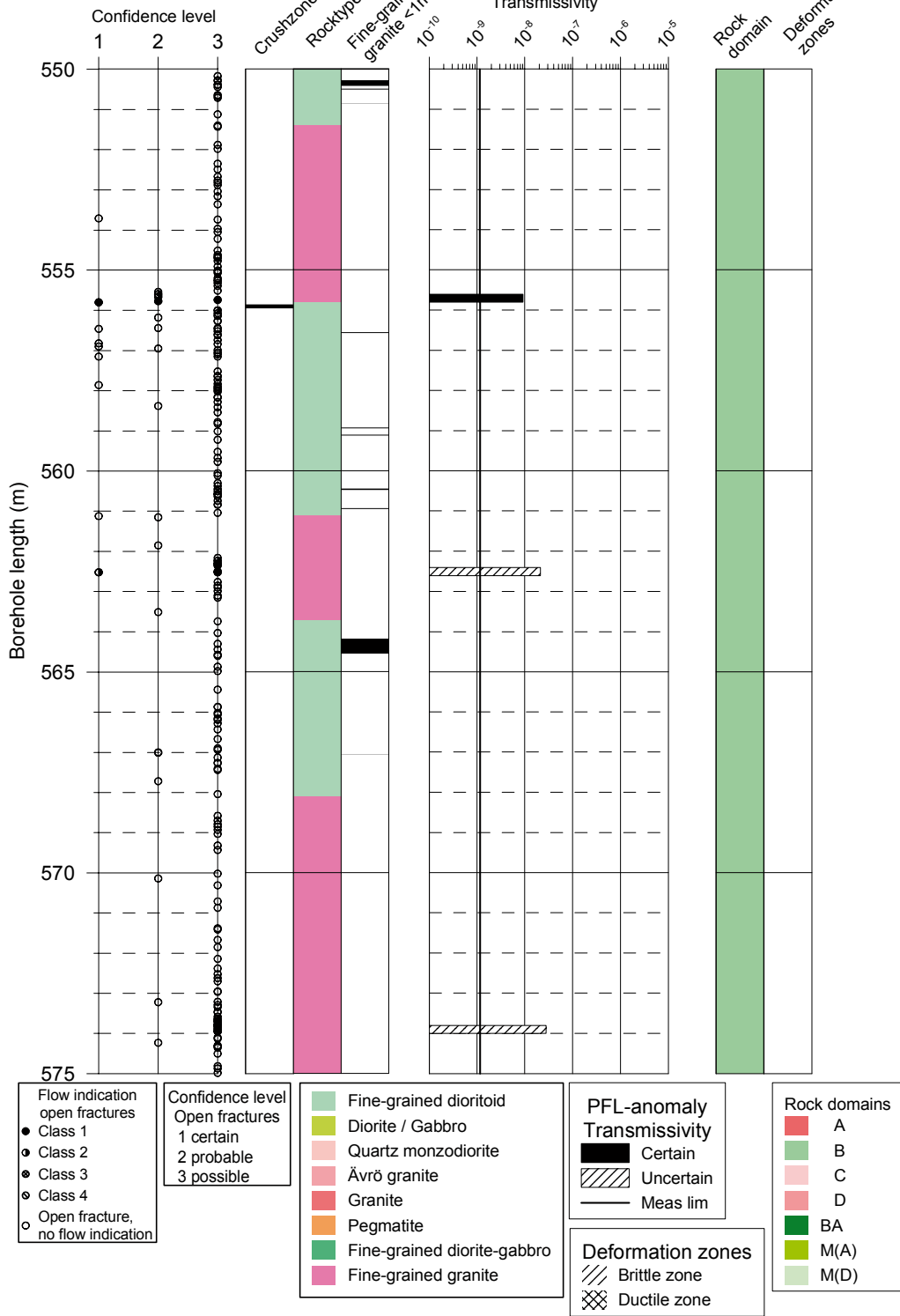


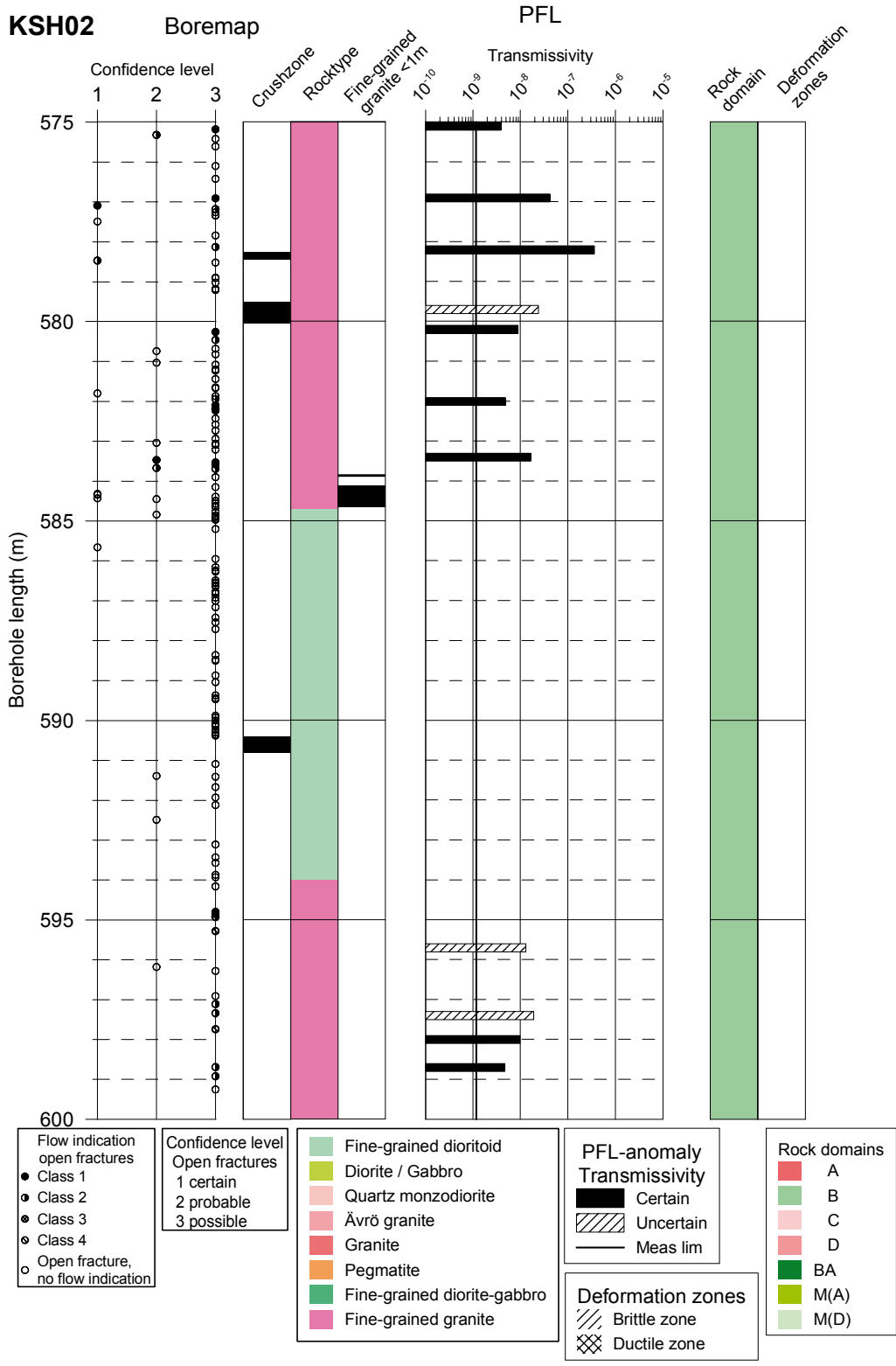


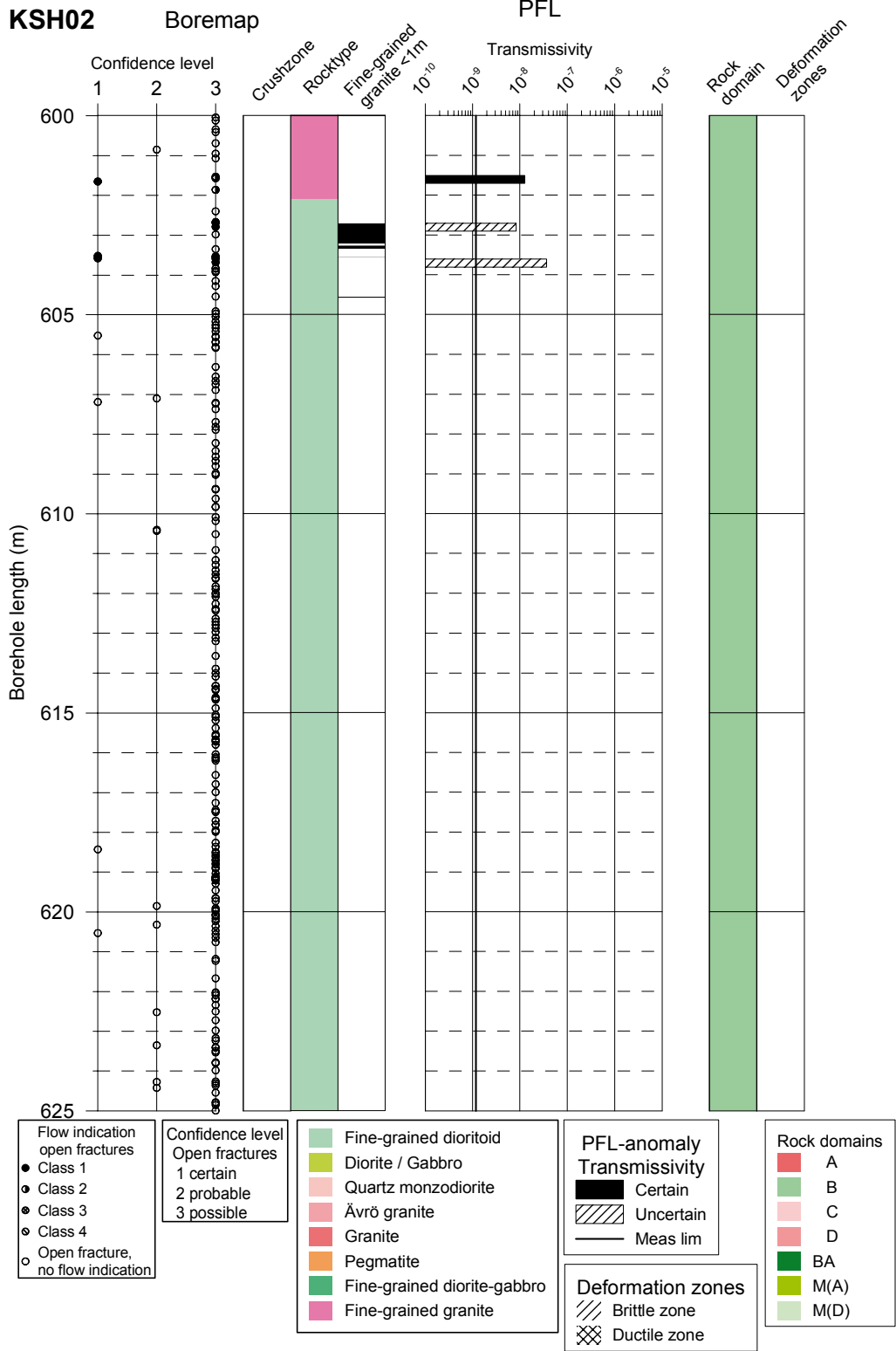
KSH02

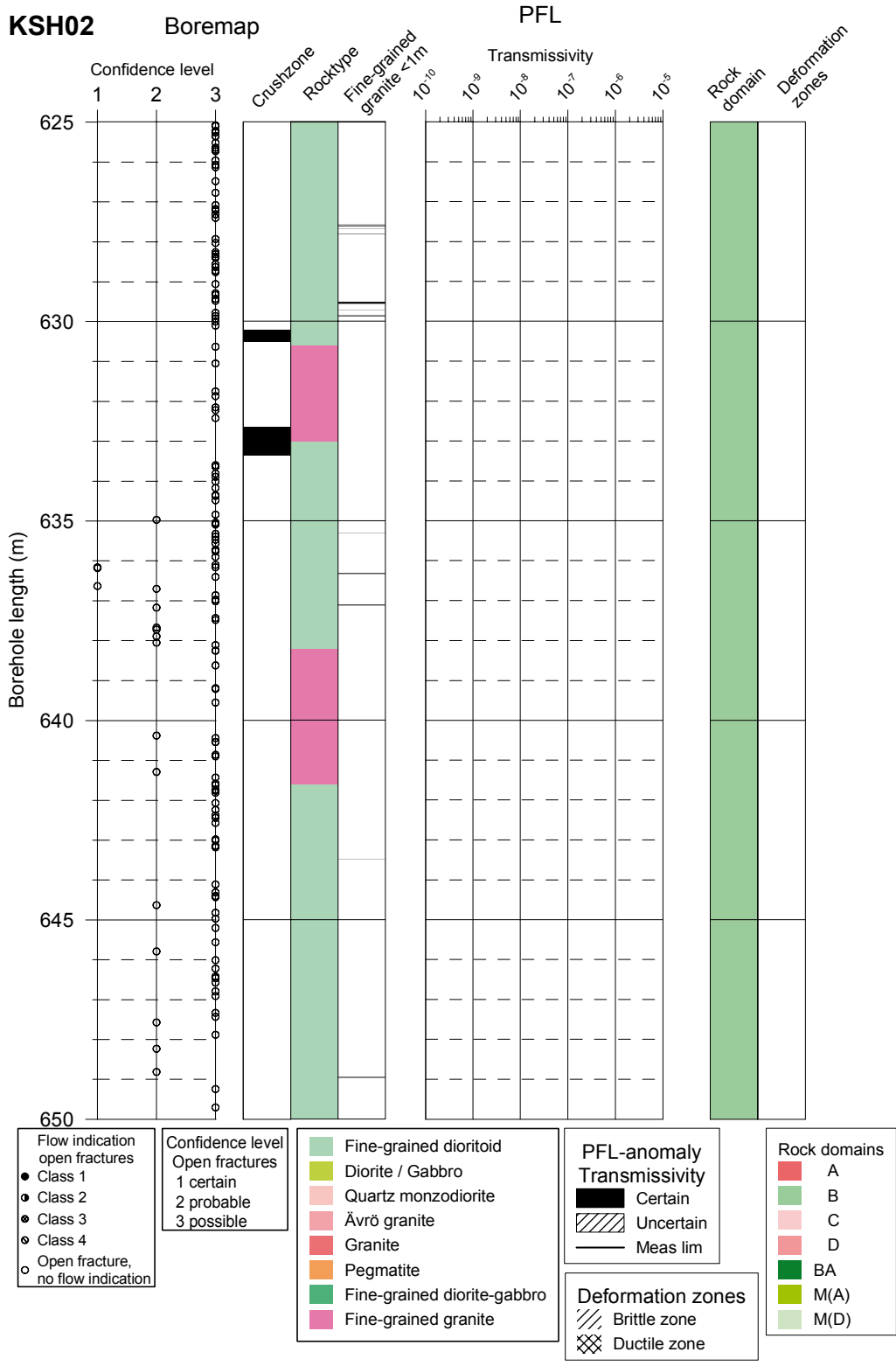
Boremap

PFL





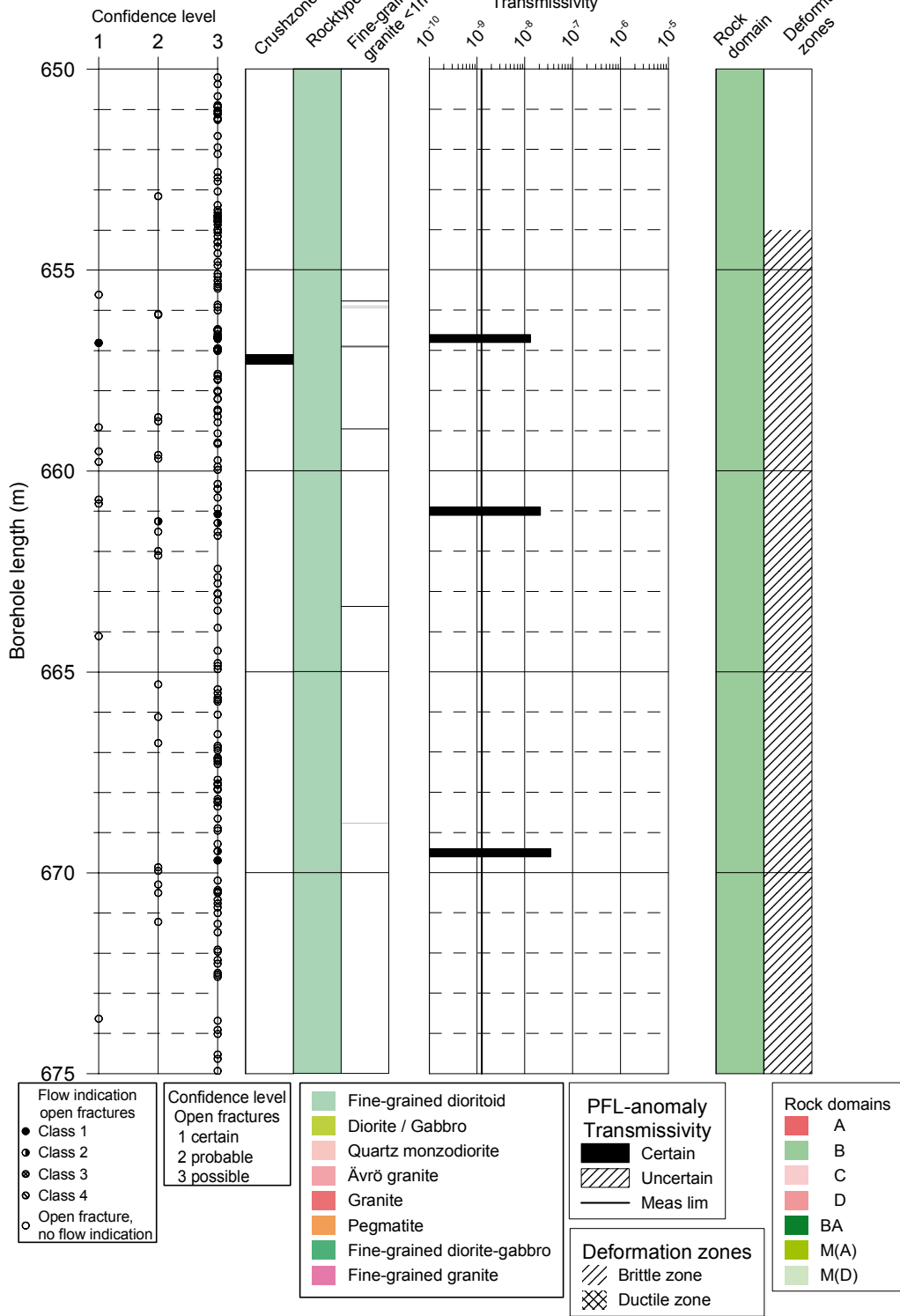




KSH02

Boremap

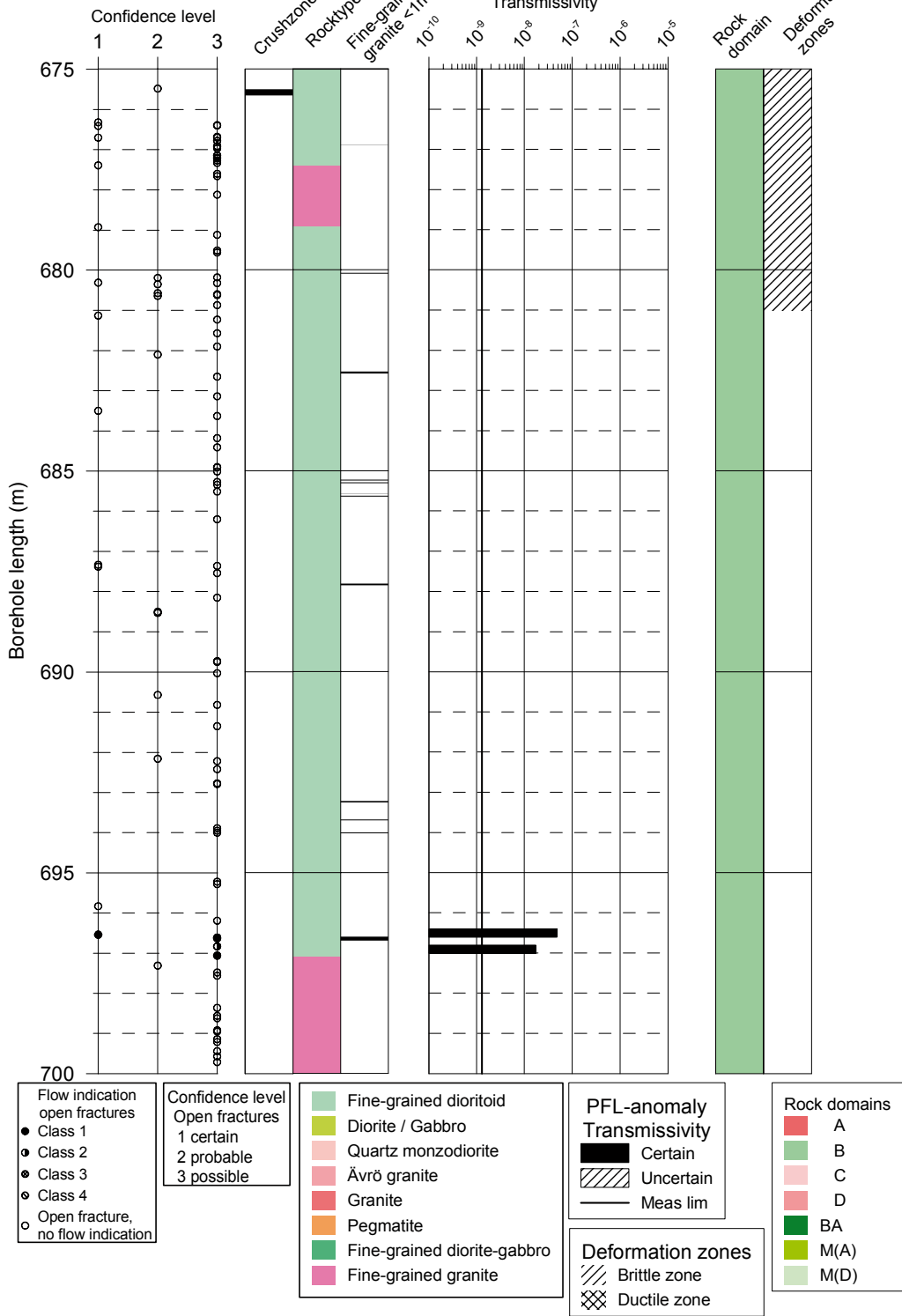
PFL



KSH02

Boremap

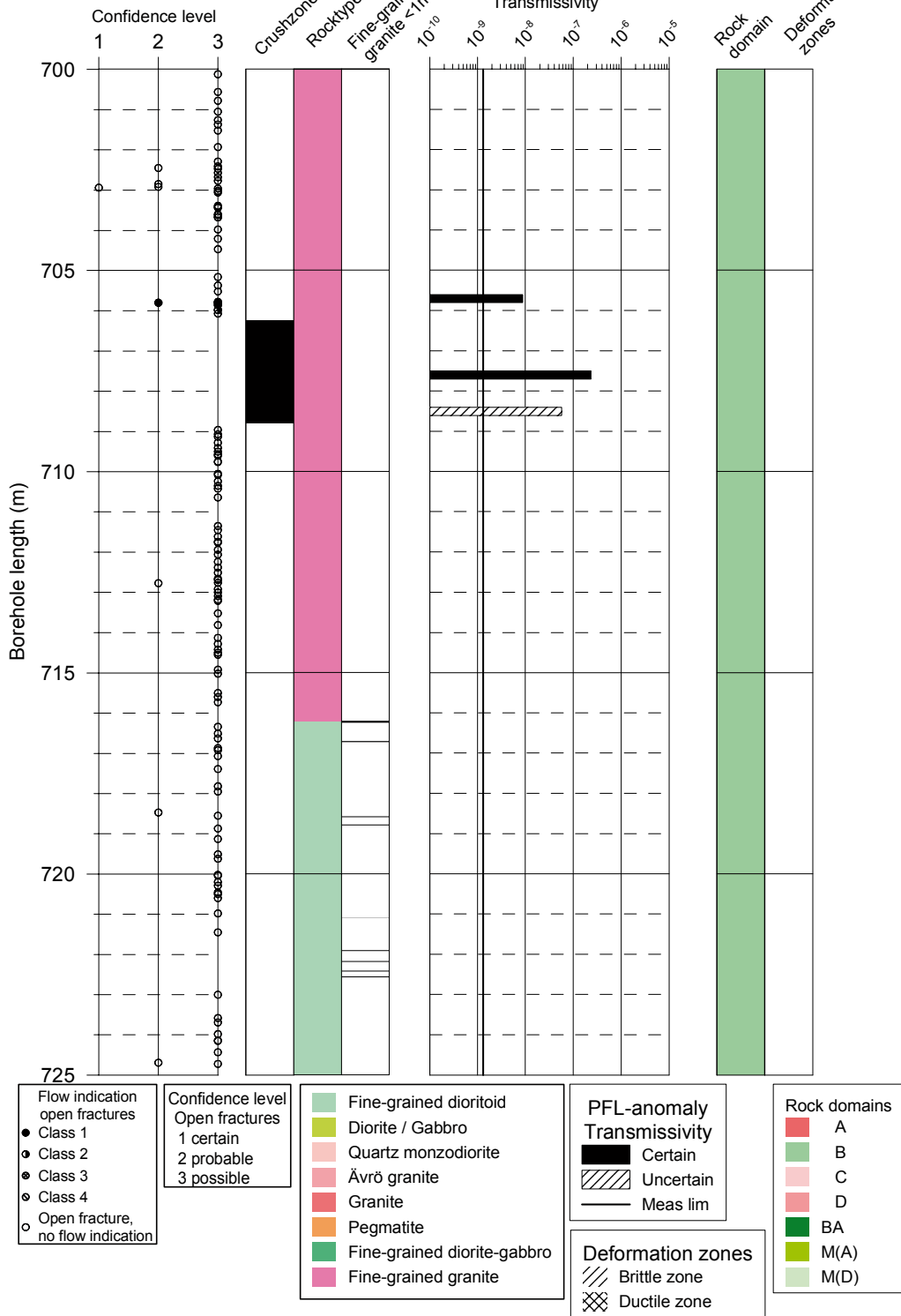
PFL

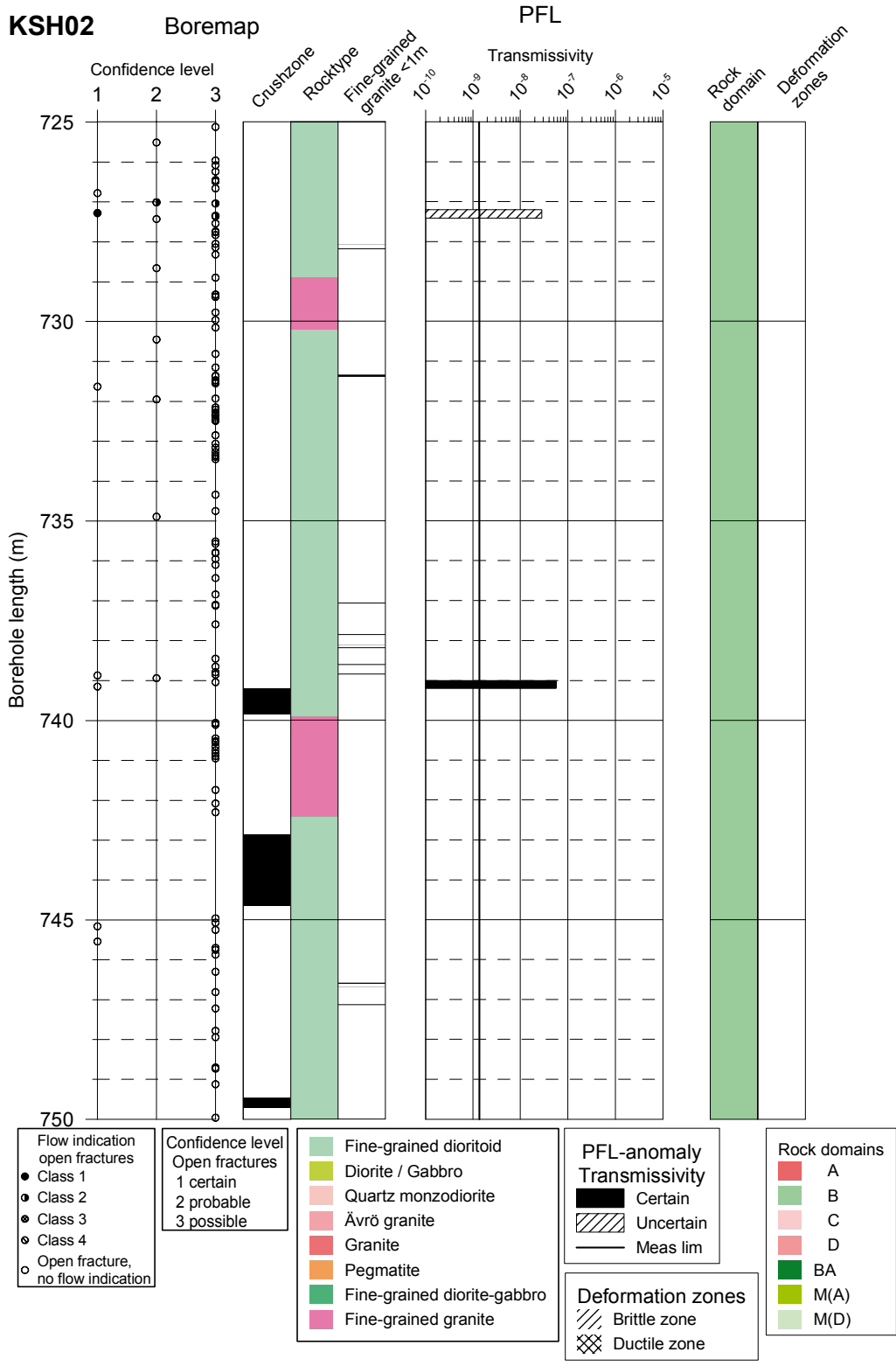


KSH02

Boremap

PFL

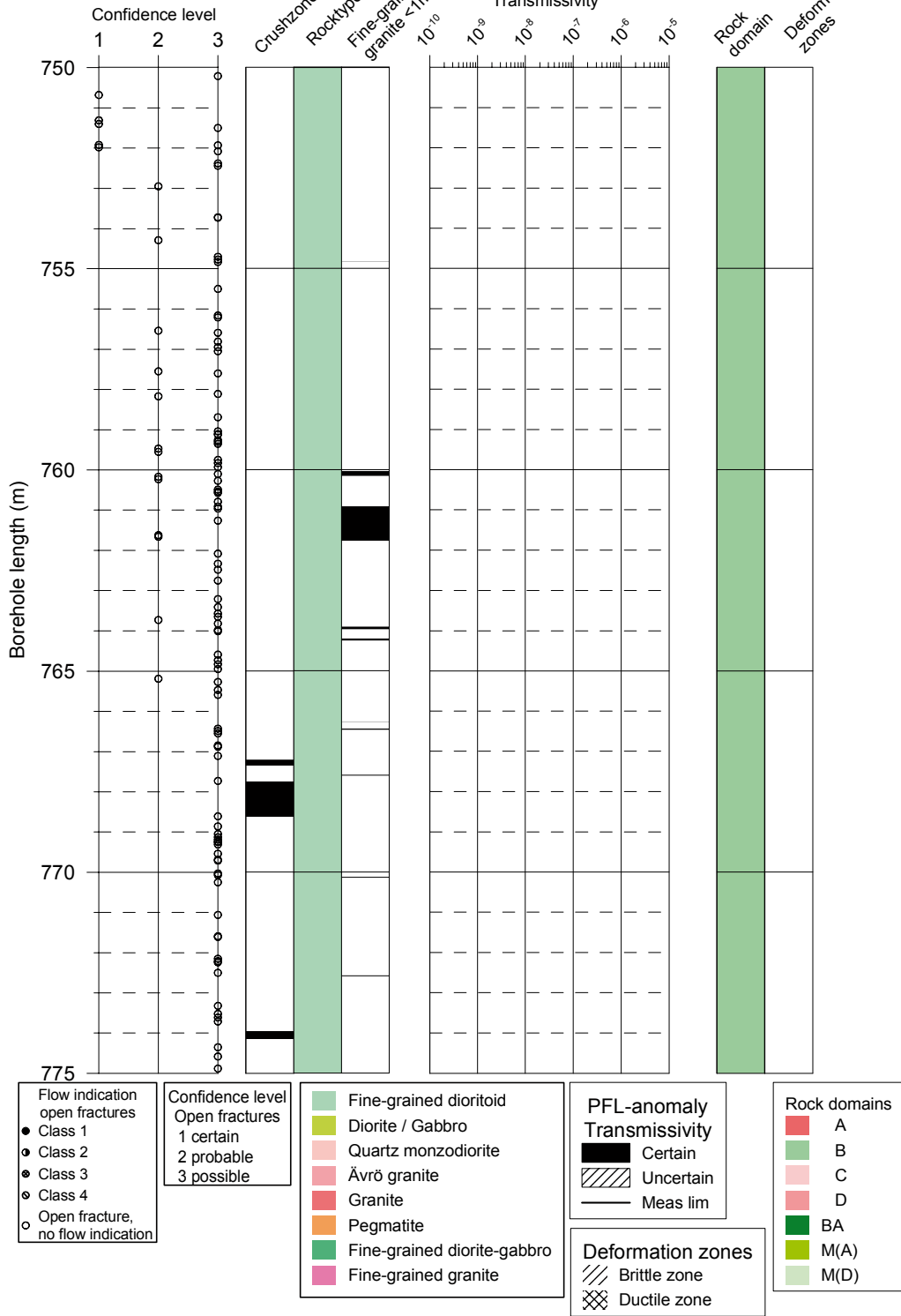


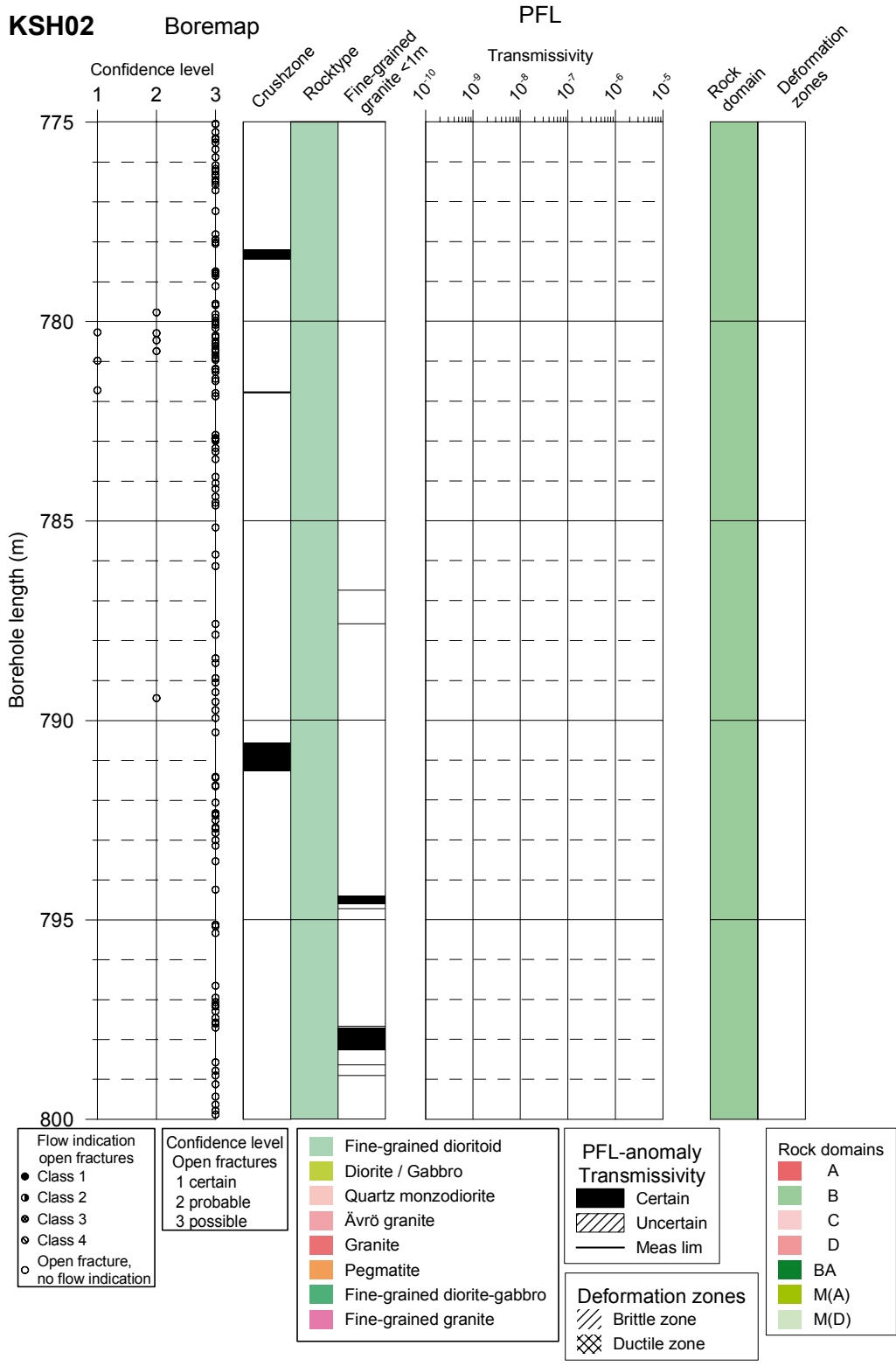


KSH02

Boremap

PFL

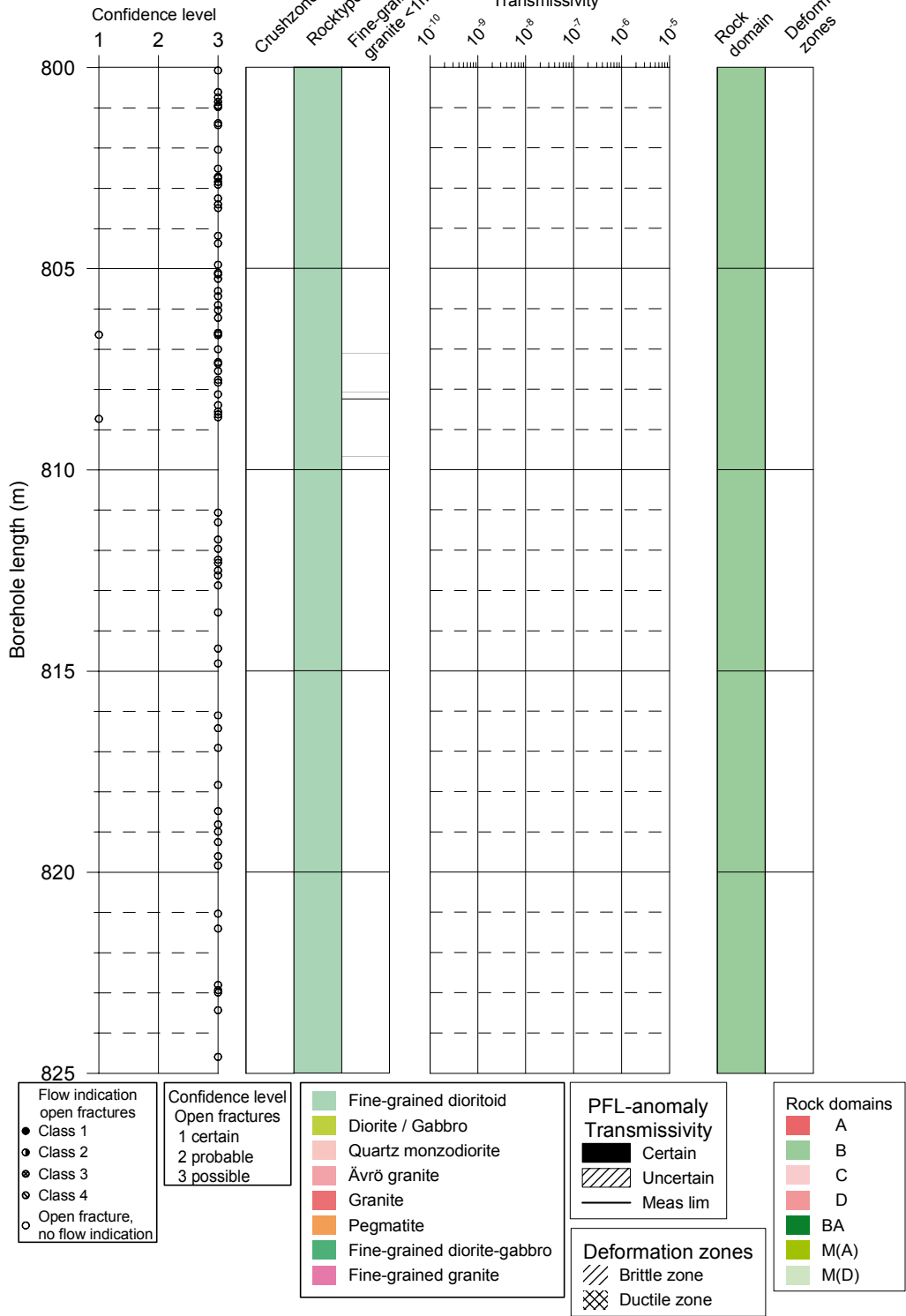


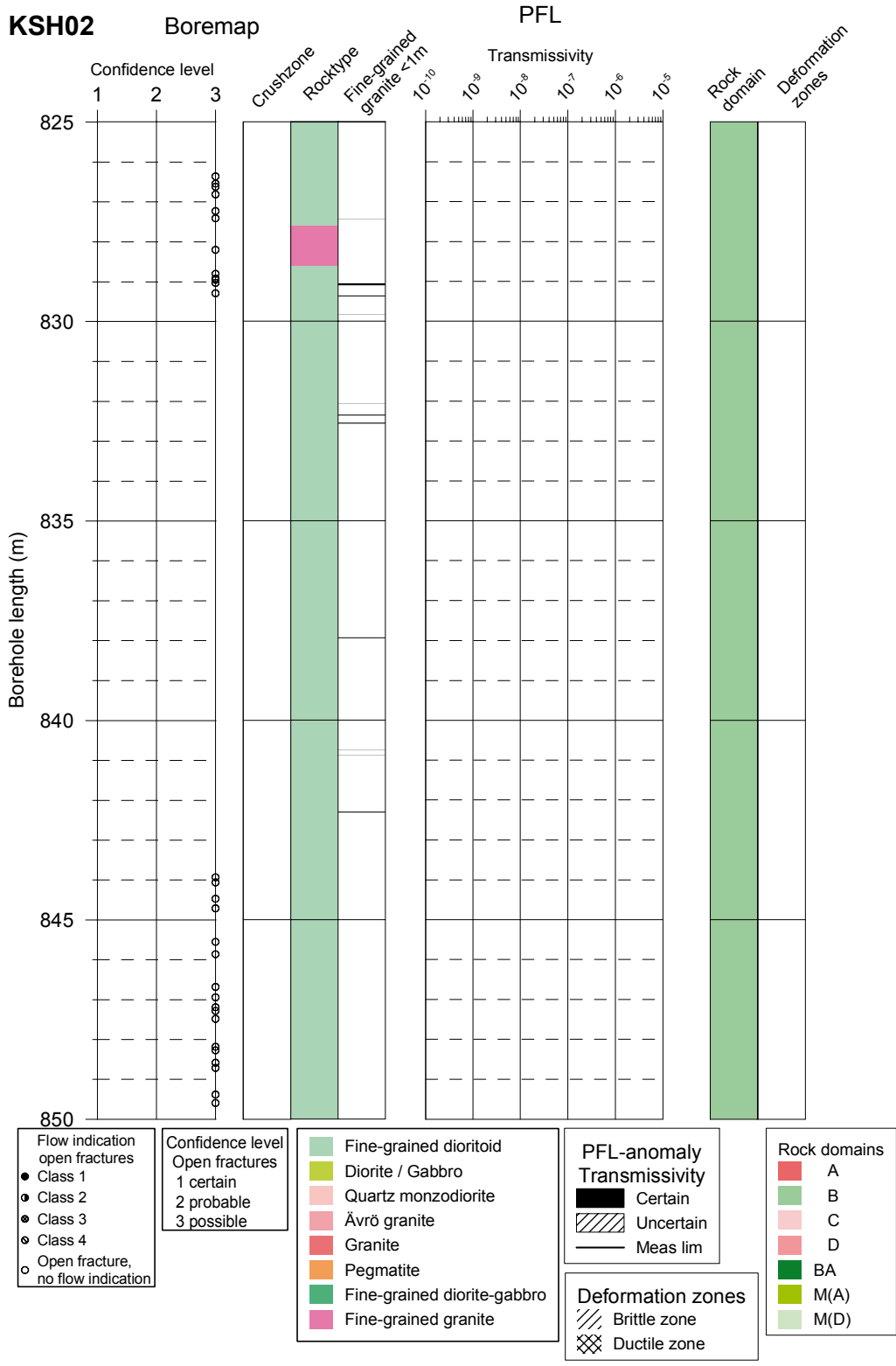


KSH02

Boremap

PFL

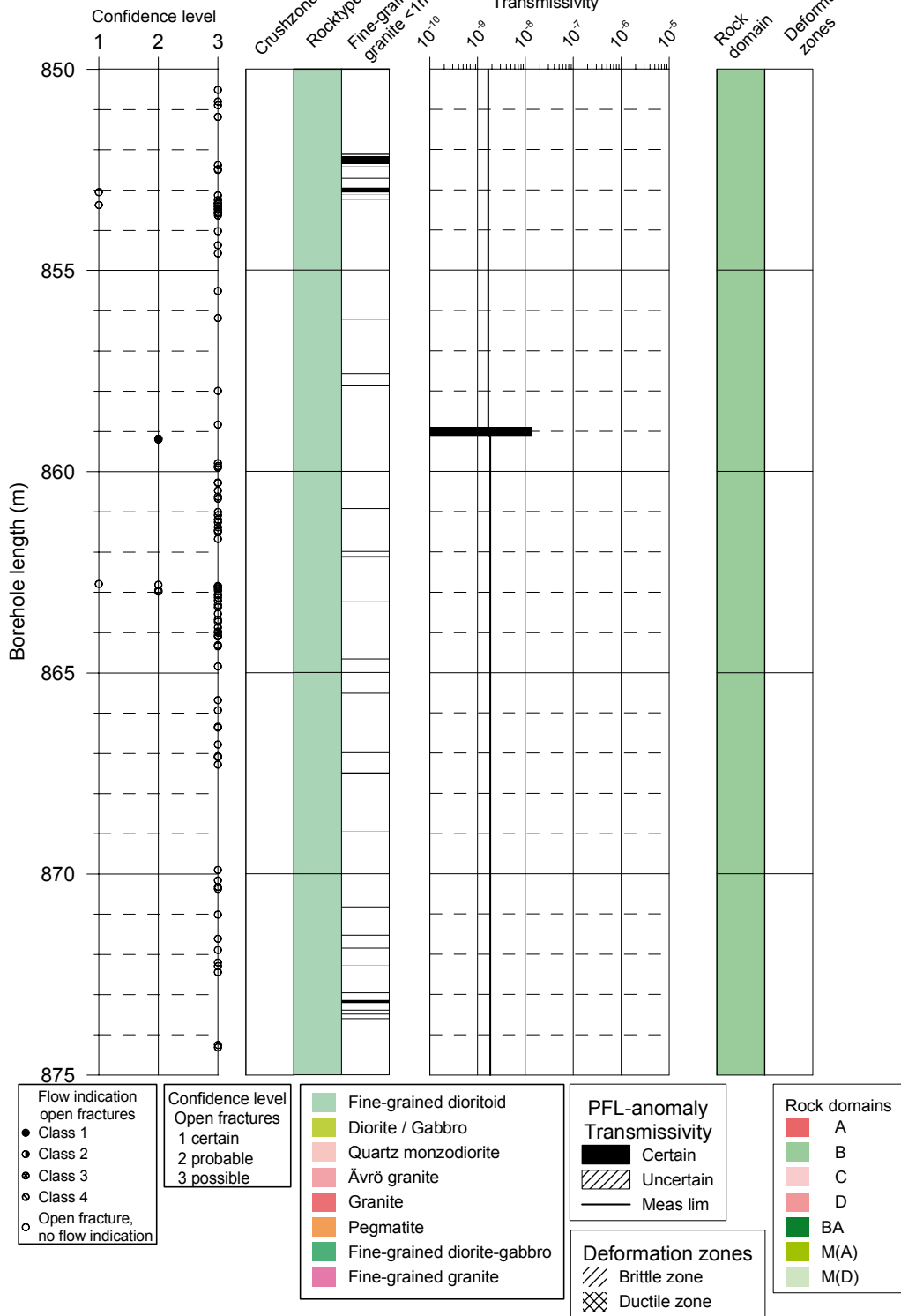


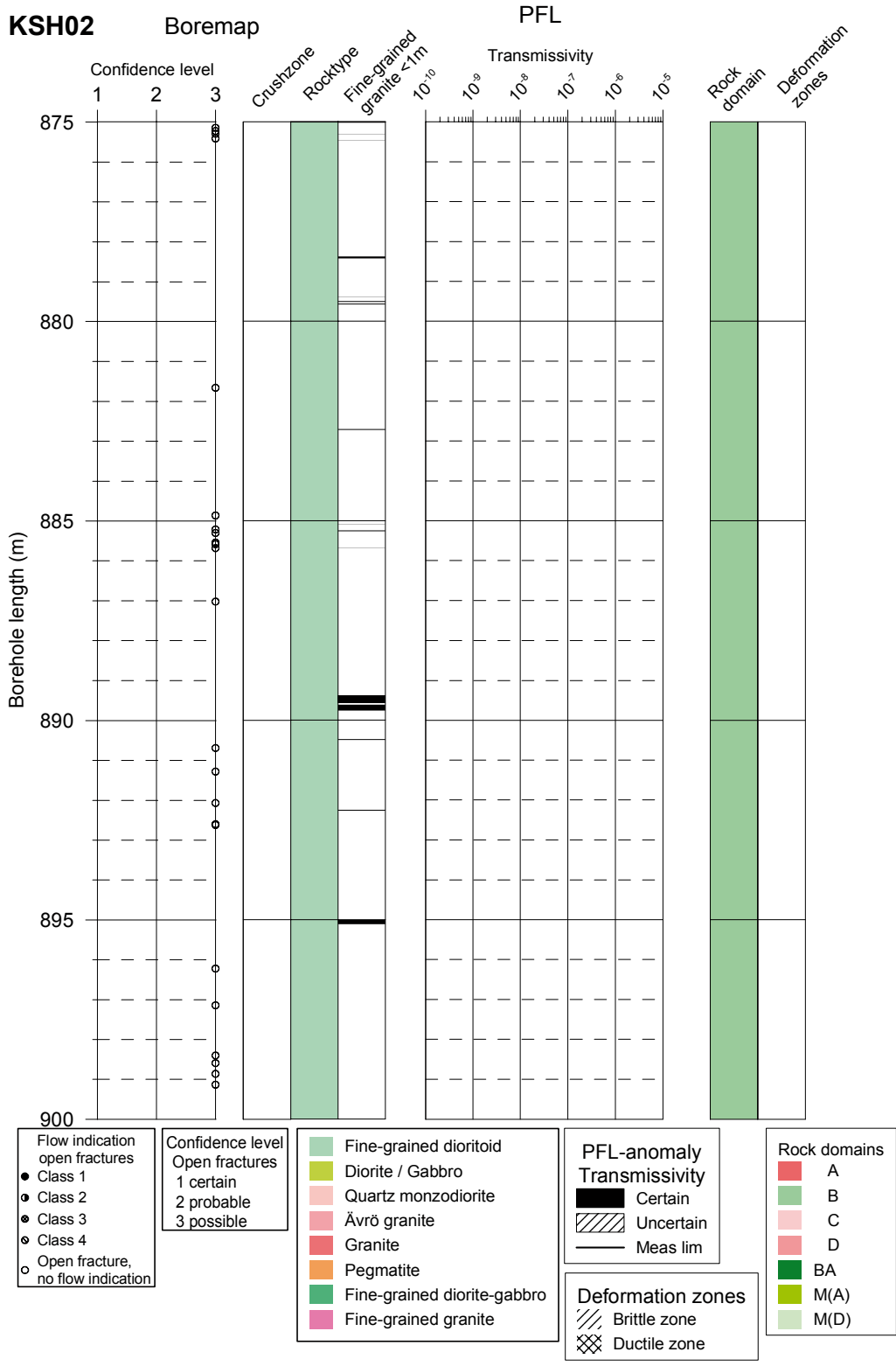


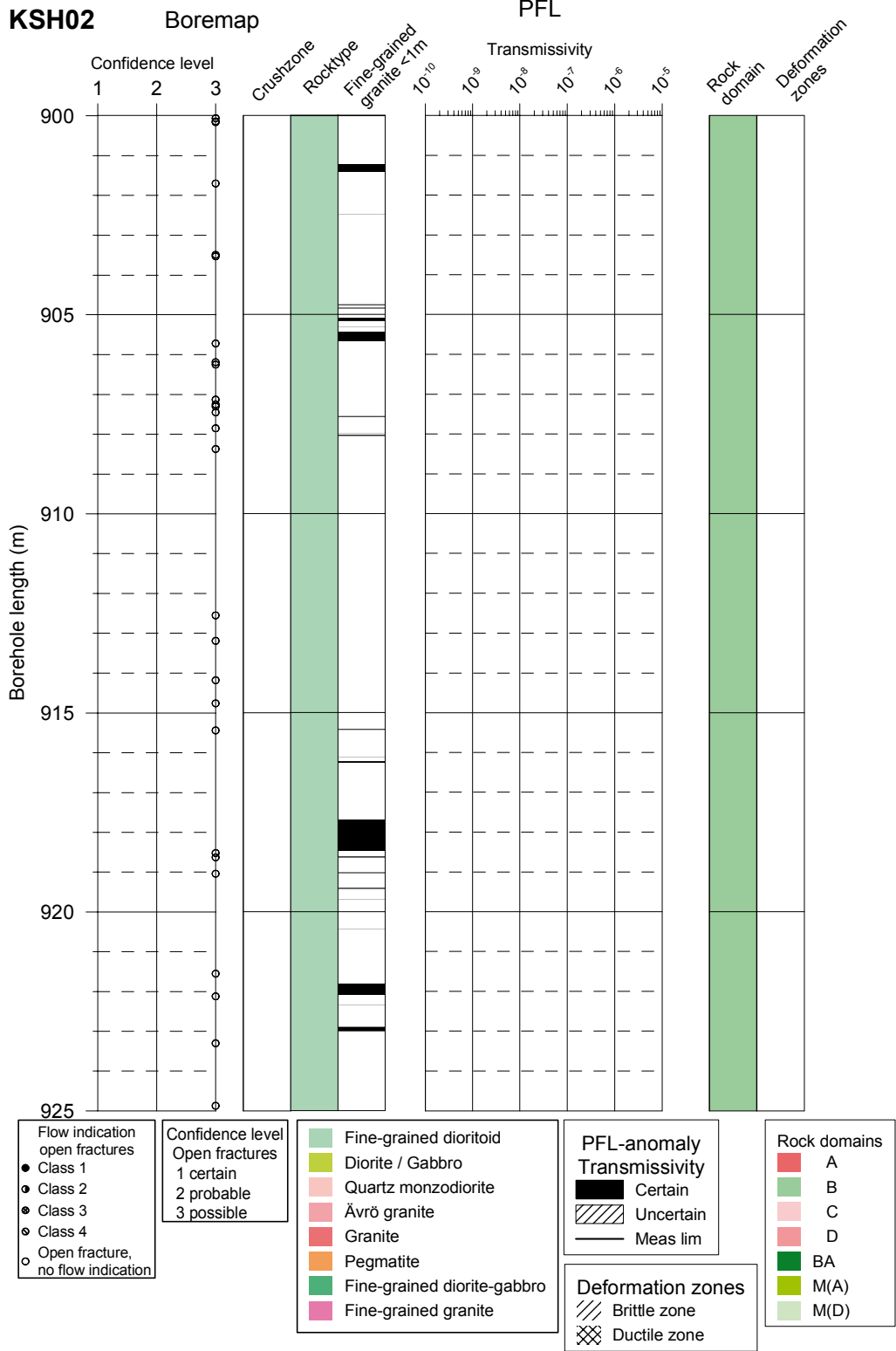
KSH02

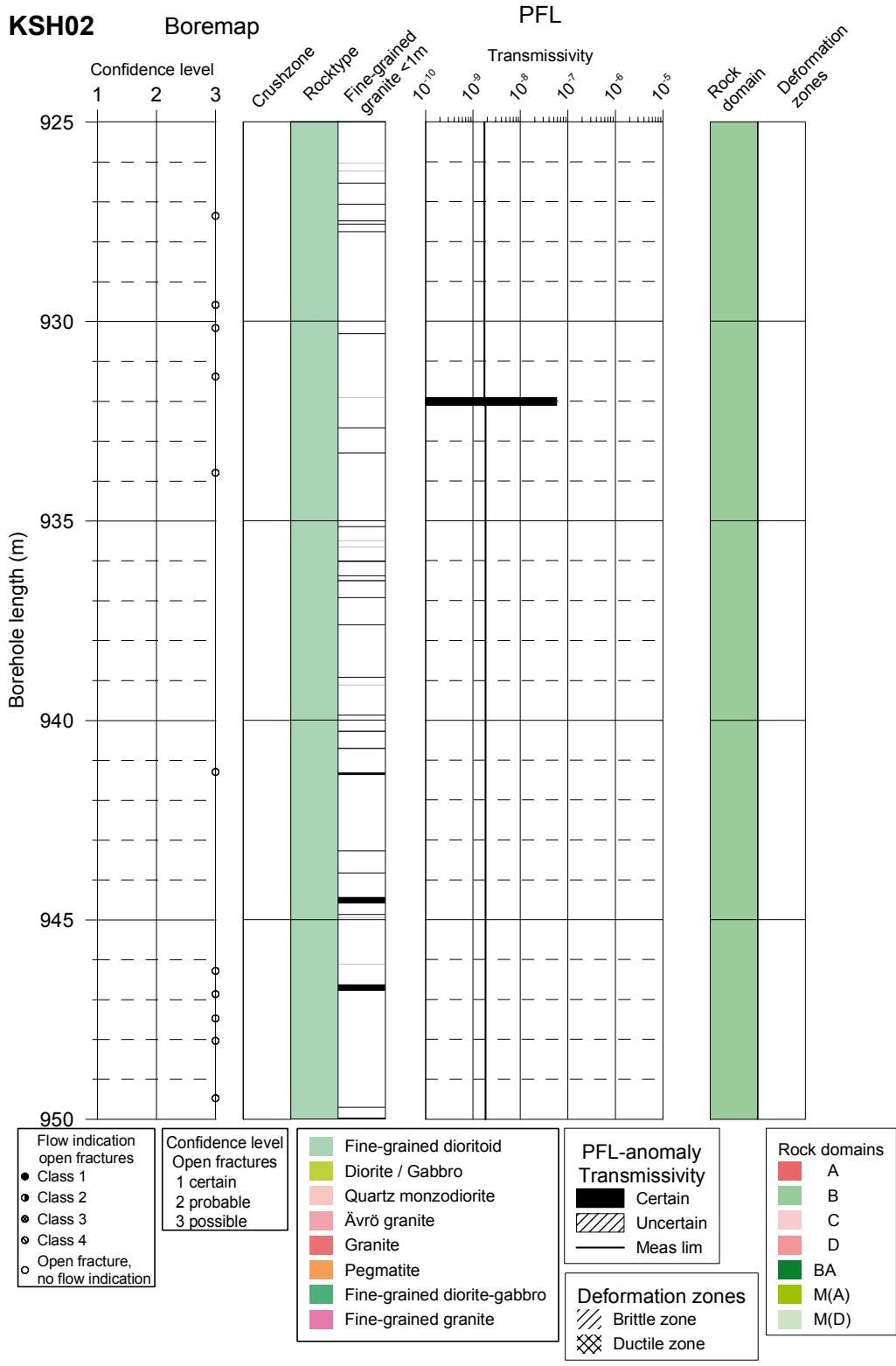
Boremap

PFL





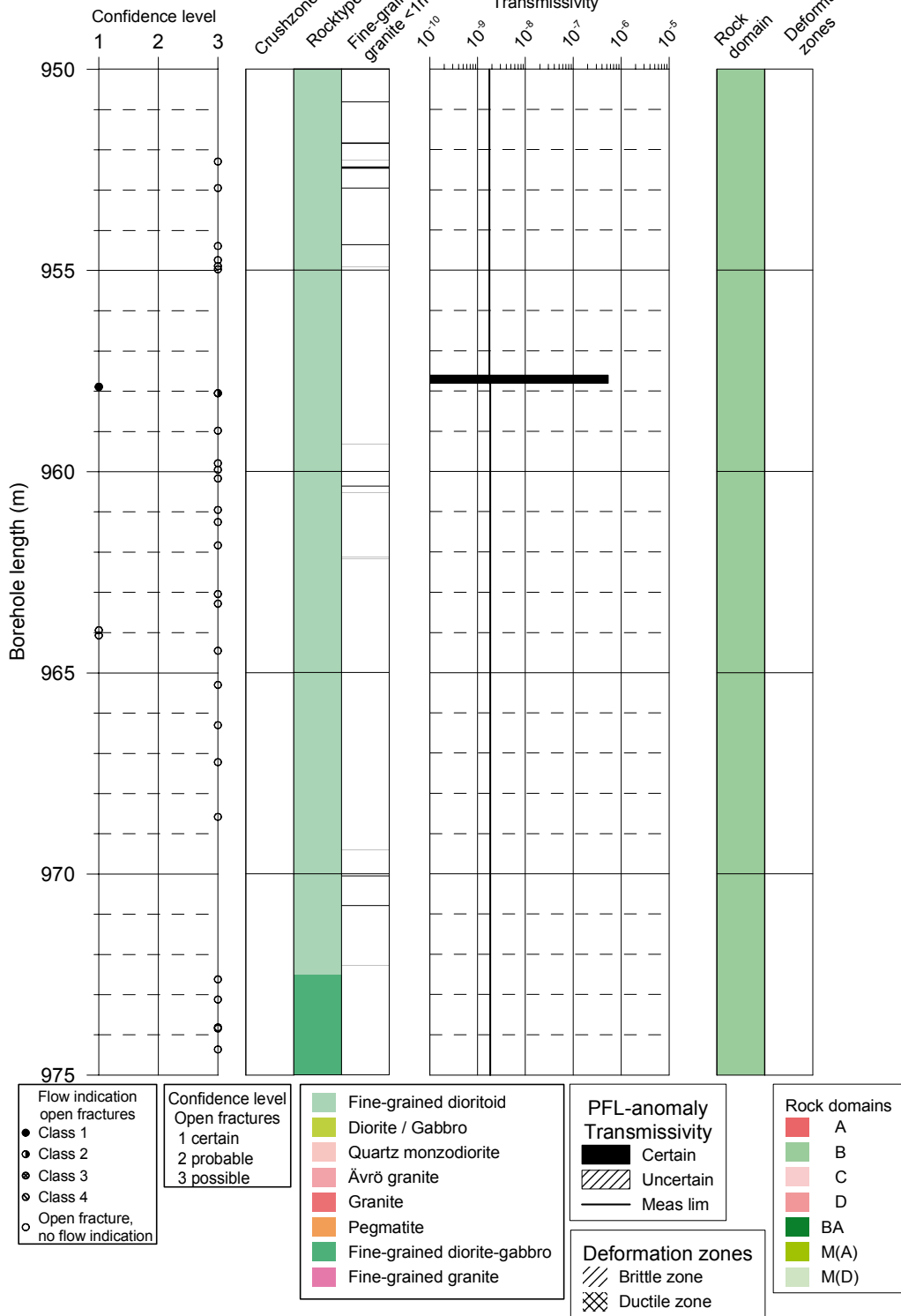




KSH02

Boremap

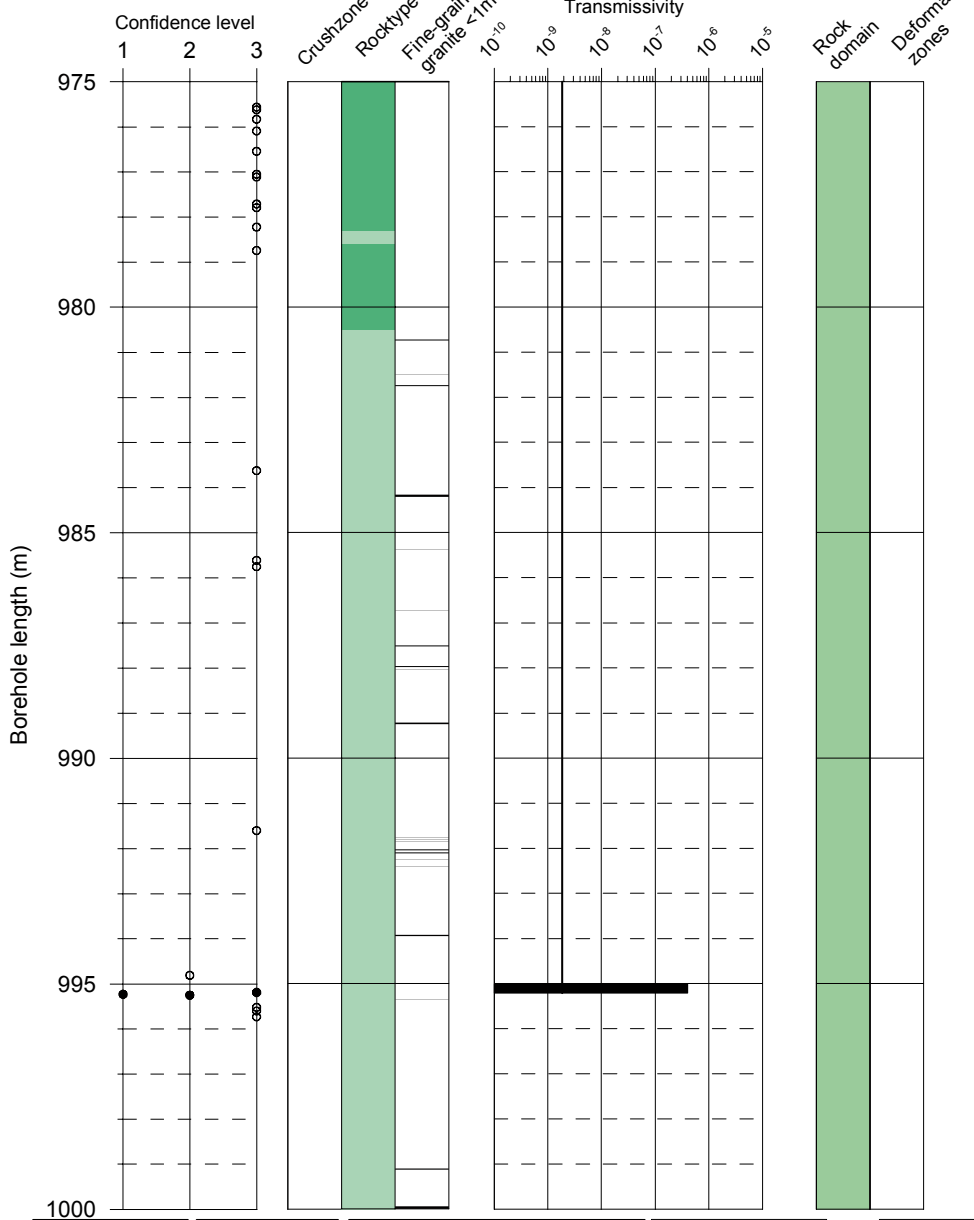
PFL



KSH02

Boremap

PFL



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 dioritoid
 Diorite / Gabbro
 Quartz monzodiorite
 Åvrö granite
 Granite
 Pegmatite
 Fine-grained diorite-gabbro
 Fine-grained granite

PFL-anomaly
Transmissivity

- Certain
- Uncertain
- Meas lim

Deformation zones

- Brittle zone
- Ductile zone

Rock domains

- A
- B
- C
- D
- BA
- M(A)
- M(D)

Table A2-1. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
1	Bh-length (m) = 82.80 T (m ² /s) = 6.00E-8 PFL confidence= Certain	Adjusted secup (m) =82.74 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A2-2. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
2a	Bh-length (m) = 89.00 T (m ² /s) = 1.84E-9 PFL confidence= Certain	Adjusted secup (m) =88.93 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
2b		Adjusted secup (m) =89.08 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
2c		Adjusted secup (m) =89.13 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A2-3. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
3	Bh-length (m) = 94.80 T (m ² /s) = 5.89E-9 PFL confidence= Certain	Adjusted secup (m) =94.78 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
4a	Bh-length (m) = 99.50 T (m ² /s) = 5.60E-7 PFL confidence= Certain	Adjusted secup (m) =99.12 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
4b		Adjusted secup (m) =99.15 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	

Table A2-4. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
5	Bh-length (m) = 100.10	Adjusted secup (m) =99.67	
	T (m ² /s) = 8.28E-8	Adjusted seclo w (m) =100.10	
	PFL confidence= Certain	Fract_interpret / Varcod e= crush zone	

Table A2-5. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
6a	Bh-length (m) = 101.60 T (m ² /s) = 1.74E-7 PFL confidence= Uncertain	Adjusted secup (m) =101.64 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
6b		Adjusted secup (m) =101.67 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
6c		Adjusted secup (m) =101.75 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A2-6. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
7a	Bh-length (m) = 102.00 T (m ² /s) = 6.12E-7 PFL confidence= Certain	Adjusted secup (m) =101.88 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
7b		Adjusted secup (m) =101.89 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
7c		Adjusted secup (m) =101.95 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
7d		Adjusted secup (m) =102.03 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
7e		Adjusted secup (m) =102.04 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

7f	Adjusted secup (m) =102.27
	Fract_interpret / Varcodes= open fr.
	Frac.interp. confidence= Probable
	PFL-anom. confidence= 1
7g	Adjusted secup (m) =102.35
	Fract_interpret / Varcodes= open fr.
	Frac.interp. confidence= Possible
	PFL-anom. confidence= 2

Table A2-7. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
8a	Bh-length (m) = 103.00 T (m ² /s) = 2.62E-7 PFL confidence= Uncertain	Adjusted secup (m) = 102.83 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
8b		Adjusted secup (m) = 102.87 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
8c		Adjusted secup (m) = 102.91 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
8d		Adjusted secup (m) = 102.99 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
8e		Adjusted secup (m) = 103.01 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

8f

Adjusted secup (m)
=103.26

Fract_interpret / Varcodes=
open fr.

Frac.interp. confidence=
Certain

PFL-anom. confidence=
3

Table A2-8. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
9a	Bh-length (m) = 103.80 T (m ² /s) = 6.16E-7	Adjusted secup (m) =103.96 Fract_interpret / Varcodes= open fr.	
9b	PFL confidence= Uncertain	Frac.interp. confidence= Certain PFL-anom. confidence= 1 Adjusted secup (m) =104.13 Fract_interpret / Varcodes= open fr.	
9c		Frac.interp. confidence= Certain PFL-anom. confidence= 1 Adjusted secup (m) =104.17 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A2-9. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
10a	Bh-length (m) = 104.20 T (m ² /s) = 2.47E-7 PFL confidence= Certain	Adjusted secup (m) =104.3 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
10b		Adjusted secup (m) =104.35 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
10c		Adjusted secup (m) =104.58 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A2-10. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
11	Bh-length (m) = 107.20 T (m ² /s) = 9.14E-8 PFL confidence= Certain	Adjusted secup (m) = 107.34 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
12	Bh-length (m) = 107.60 T (m ² /s) = 1.16E-7 PFL confidence= Certain	Adjusted secup (m) = 107.72 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A2-11. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
13	<p>Bh-length (m) = 176.60</p> <p>$T (m^2/s) = 2.07E-7$</p> <p>PFL confidence= Certain</p>	<p>Adjusted secup (m) = 176.48</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 1</p>	
14a	<p>Bh-length (m) = 216.80</p> <p>$T (m^2/s) = 1.63E-8$</p> <p>PFL confidence= Uncertain</p>	<p>Adjusted secup (m) = 216.52</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Probable</p> <p>PFL-anom. confidence= 2</p>	
14b		<p>Adjusted secup (m) = 216.86</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 1</p>	

Table A2-12. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
15	Bh-length (m) = 236.60 T (m ² /s) = 1.58E-8 PFL confidence= Certain	Adjusted secup (m) =236.67 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	<p>The BIPS image for PFL 15 shows a vertical cross-section of a borehole with fracture patterns. The image is labeled with 'S', 'W', 'N', 'E', and 'S' at the top. The vertical axis on the left shows depth from 236.244 to 237.045. The vertical axis on the right shows depth from 257.39 to 190.63. A red circle highlights a feature at 274.62m depth, with an arrow pointing to it from the right.</p>
16	Bh-length (m) = 290.50 T (m ² /s) = 1.81E-8 PFL confidence= Uncertain	Adjusted secup (m) =290.45 Adjusted secup (m) =290.79 Fract_interpret / Varcodes= crush zone	<p>The BIPS image for PFL 16 shows a vertical cross-section of a borehole with fracture patterns. The image is labeled with 'S', 'W', 'N', 'E', and 'S' at the top. The vertical axis on the left shows depth from 290.018 to 290.823. The vertical axis on the right shows depth from 029.16 to 306.20. Two arrows point to specific features: one points to a feature at approximately 290.421m depth, and another points to a feature at approximately 290.762m depth.</p>

Table A2-13. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
17	Bh-length (m) = 294.00 T (m ² /s) = 8.99E-9 PFL confidence= Uncertain	Adjusted secup (m) =294.05 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A2-14. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
18a	Bh-length (m) = 296.80 T (m ² /s) = 1.63E-8 PFL confidence= Uncertain	Adjusted secup (m) =296.66 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
18b		Adjusted secup (m) =296.68 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
18c		Adjusted secup (m) =296.71 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
18d		Adjusted secup (m) =296.74 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
18e		Adjusted secup (m) =296.77 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

18f	Adjusted secup (m) =296.78
	Fract_interpret / Varcodes= open fr.
	Frac.interp. confidence= Possible
	PFL-anom. confidence= 1
18g	Adjusted secup (m) =296.8
	Fract_interpret / Varcodes= open fr.
	Frac.interp. confidence= Possible
	PFL-anom. confidence= 1
18h	Adjusted secup (m) =296.84
	Fract_interpret / Varcodes= open fr.
	Frac.interp. confidence= Possible
	PFL-anom. confidence= 1

Table A2-15. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
19a	Bh-length (m) = 325.70 T (m ² /s) = 5.39E-9 PFL confidence= Certain	Adjusted secup (m) =325.71 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
19b		Adjusted secup (m) =325.82 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	

Table A2-16. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
20a	Bh-length (m) = 326.20 T (m ² /s) = 9.08E-9 PFL confidence= Certain	Adjusted secup (m) = 326.14 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
20b		Adjusted secup (m) = 326.21 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
20c		Adjusted secup (m) = 326.23 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A2-17. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
21	<p>Bh-length (m) = 352.20</p> <p>T (m²/s) = 1.77E-9</p> <p>PFL confidence= Uncertain</p>	<p>Adjusted secup (m) =352.18</p> <p>Fract_interpret / Varcod= open fr.</p> <p>Frac.interp. confidence= Possible</p> <p>PFL-anom. confidence= 1</p>	<p>The BIPS image for PFL 21 shows a vertical cross-section of a borehole. The vertical axis on the right is labeled with depth markers in meters (e.g., 213.76, 250.77, 040.79, 250.20, 036.16, 272.23, 264.46, 272.22, 250.25, 271.21, 054.38, 165.22, 048.23, 016.12, 002.47, 178.55). A black arrow points to a feature at approximately 264.46 m depth, which is circled in red.</p>
22a	<p>Bh-length (m) = 367.30</p> <p>T (m²/s) = 3.44E-9</p> <p>PFL confidence= Uncertain</p>	<p>Adjusted secup (m) =367.46</p> <p>Fract_interpret / Varcod= open fr.</p> <p>Frac.interp. confidence= Probable</p> <p>PFL-anom. confidence= 1</p>	<p>The BIPS image for PFL 22a shows a vertical cross-section of a borehole. The vertical axis on the right is labeled with depth markers in meters (e.g., 050.32, 022.22, 2mm, 1mm, 140.23, 316.12, 076.49, 2mm, 269.36, 1mm, 029.75, 283.13, 042.55, 043.69, 1mm, 200.07, 2mm, 068.04, 347.39, 043.78, 296.09, 2mm, 352.33, 1mm, 021.41).</p>
22b		<p>Adjusted secup (m) =367.534</p> <p>Fract_interpret / Varcod= open fr.</p> <p>Frac.interp. confidence= Possible</p> <p>PFL-anom. confidence= 2</p>	<p>The BIPS image for PFL 22b shows a vertical cross-section of a borehole. The vertical axis on the right is labeled with depth markers in meters (e.g., 050.32, 022.22, 2mm, 1mm, 140.23, 316.12, 076.49, 2mm, 269.36, 1mm, 029.75, 283.13, 042.55, 043.69, 1mm, 200.07, 2mm, 068.04, 347.39, 043.78, 296.09, 2mm, 352.33, 1mm, 021.41). Two black arrows point to features at approximately 043.78 m and 043.69 m depth, which are circled in red.</p>

Table A2-18. KSH02. Interpretation of PFL measurements and BOREMAP data

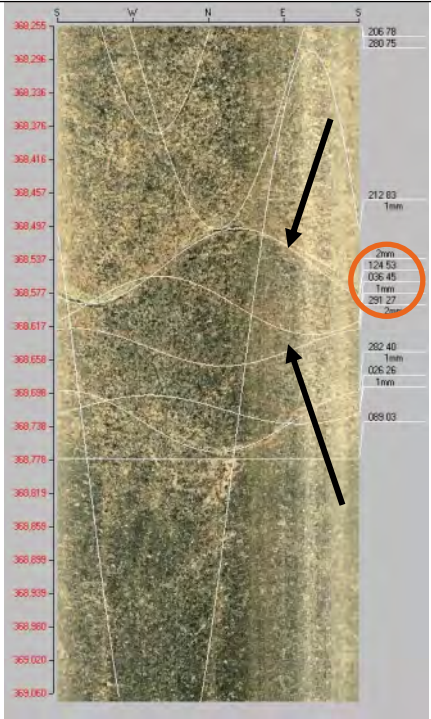
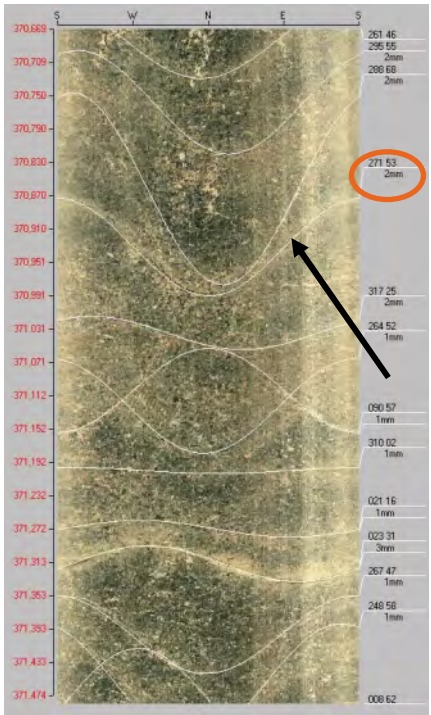
PFL anom. No	PFL anom data	Boremap data	BIPS Image
23a	Bh-length (m) = 368.60 T (m ² /s) = 2.99E-9 PFL confidence= Uncertain	Adjusted secup (m) = 368.55 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
23b		Adjusted secup (m) = 368.64 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
24	Bh-length (m) = 371.00 T (m ² /s) = 1.69E-9 PFL confidence= Uncertain	Adjusted secup (m) = 370.93 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	

Table A2-19. KSH02. Interpretation of PFL measurements and BOREMAP data

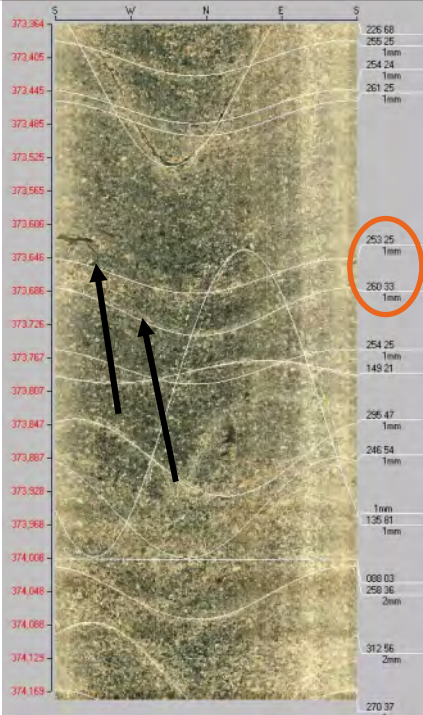
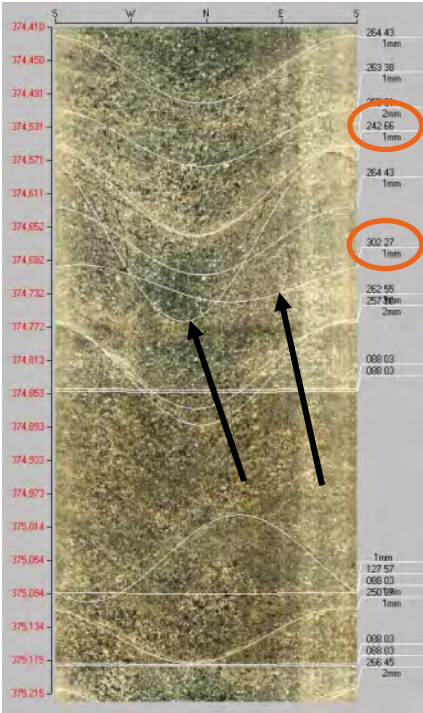
PFL anom. No	PFL anom data	Boremap data	BIPS Image
25a	Bh-length (m) = 373.60 T (m ² /s) = 2.07E-8 PFL confidence= Certain	Adjusted secup (m) =373.67 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
25b		Adjusted secup (m) =373.71 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
26a	Bh-length (m) = 374.70 T (m ² /s) = 2.70E-8 PFL confidence= Certain	Adjusted secup (m) =374.66 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
26b		Adjusted secup (m) =374.72 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A2-20. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
27	<p>Bh-length (m) = 376.80</p> <p>$T (m^2/s) = 5.33E-9$</p> <p>PFL confidence= Certain</p>	<p>Adjusted secup (m) = 377.26</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Possible</p> <p>PFL-anom. confidence= 5</p>	
28	<p>Bh-length (m) = 378.20</p> <p>$T (m^2/s) = 7.19E-8$</p> <p>PFL confidence= Certain</p>	<p>Adjusted secup (m) = 378.32</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 1</p>	

Table A2-21. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
29	Bh-length (m) = 378.80 T (m ² /s) = 3.15E-8 PFL confidence= Certain	Adjusted secup (m) =379.55 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 8	
30	Bh-length (m) = 387.80 T (m ² /s) = 2.09E-9 PFL confidence= Certain	Adjusted secup (m) =387.77 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A2-22. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
31	<p>Bh-length (m) = 389.20</p> <p>$T (m^2/s) = 2.25E-8$</p> <p>PFL confidence= Certain</p>	<p>Adjusted secup (m) = 388.94</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Possible</p> <p>PFL-anom. confidence= 3</p>	
32a	<p>Bh-length (m) = 391.50</p> <p>$T (m^2/s) = 1.57E-9$</p> <p>PFL confidence= Certain</p>	<p>Adjusted secup (m) = 391.44</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Possible</p> <p>PFL-anom. confidence= 1</p>	
32b		<p>Adjusted secup (m) = 391.47</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Possible</p> <p>PFL-anom. confidence= 1</p>	

Table A2-23. KSH02. Interpretation of PFL measurements and BOREMAP data

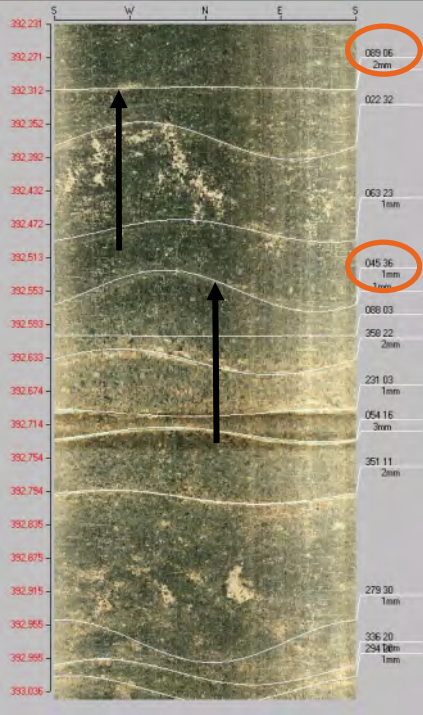
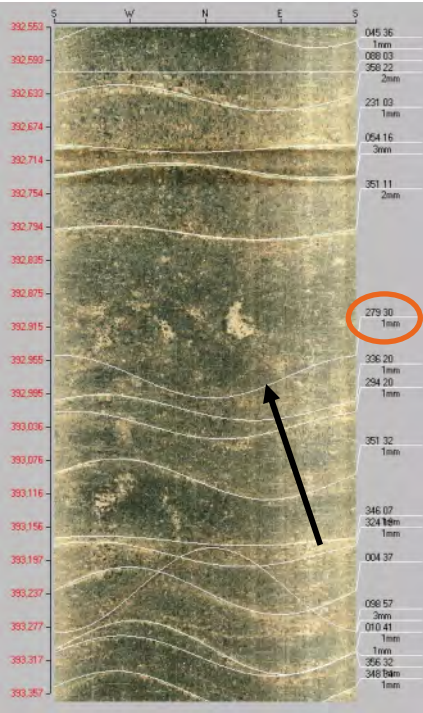
PFL anom. No	PFL anom data	Boremap data	BIPS Image
33a	Bh-length (m) = 392.40 T (m ² /s) = 3.84E-9 PFL confidence= Certain	Adjusted secup (m) =392.31 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
33b		Adjusted secup (m) =392.55 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
34	Bh-length (m) = 392.90 T (m ² /s) = 1.57E-9 PFL confidence= Certain	Adjusted secup (m) =392.98 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A2-24. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
35	Bh-length (m) = 413.40 T (m ² /s) = 4.23E-9 PFL confidence= Uncertain	Adjusted secup (m) =413.19 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
36	Bh-length (m) = 419.60 T (m ² /s) = 6.91E-8 PFL confidence= Certain	Adjusted secup (m) =419.59 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	

Table A2-25. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
37a	Bh-length (m) = 422.80 T (m ² /s) = 1.03E-6 PFL confidence= Uncertain	Adjusted secup (m) =422.74 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
37b		Adjusted secup (m) =422.84 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
37c		Adjusted secup (m) =422.85 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
37d		Adjusted secup (m) =422.87 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
37e		Adjusted secup (m) =422.94 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	

Table A2-26. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
38	<p>Bh-length (m) = 432.00</p> <p>$T (m^2/s) = 1.28E-8$</p> <p>PFL confidence= Certain</p>	<p>Adjusted secup (m) = 432.09</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 1</p>	
39a	<p>Bh-length (m) = 435.00</p> <p>$T (m^2/s) = 5.84E-9$</p> <p>PFL confidence= Certain</p>	<p>Adjusted secup (m) = 435.07</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Possible</p> <p>PFL-anom. confidence= 1</p>	
39b		<p>Adjusted secup (m) = 435.13</p> <p>Fract_interpret / Varcodes= partly open fr.</p> <p>Frac.interp. confidence= Possible</p> <p>PFL-anom. confidence= 1</p>	

Table A2-27. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
40a	Bh-length (m) = 465.90 T (m ² /s) = 2.03E-8 PFL confidence= Certain	Adjusted secup (m) =465.99 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
40b		Adjusted secup (m) =465.99 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
40c		Adjusted secup (m) =466.01 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
40d		Adjusted secup (m) =466.05 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	

Table A2-28. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
41	Bh-length (m) = 468.10	Adjusted secup (m) =468.12	
	T (m ² /s) = 1.44E-8	Fract_interpret / Varcodes= open fr.	
	PFL confidence= Certain	Frac.interp. confidence= Possible	
		PFL-anom. confidence= 1	

Table A2-29. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
42a	Bh-length (m) = 483.60 T (m ² /s) = 5.28E-9 PFL confidence= Uncertain	Adjusted secup (m) =483.41 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
42b		Adjusted secup (m) =483.51 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
42c		Adjusted secup (m) =483.64 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
42d		Adjusted secup (m) =483.65 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A2-30. KSH02. Interpretation of PFL measurements and BOREMAP data

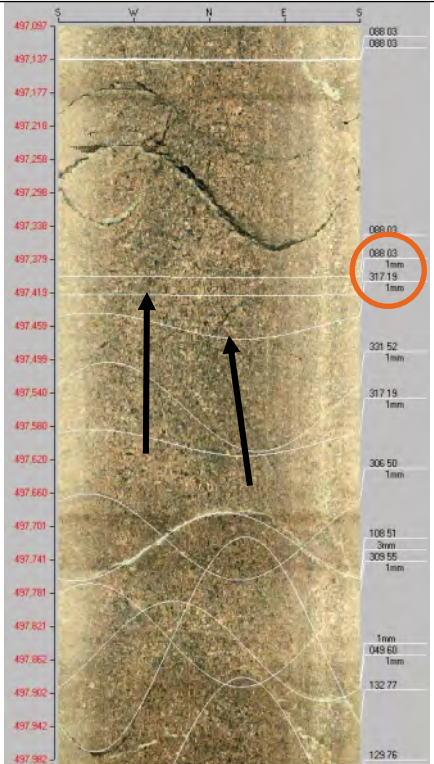
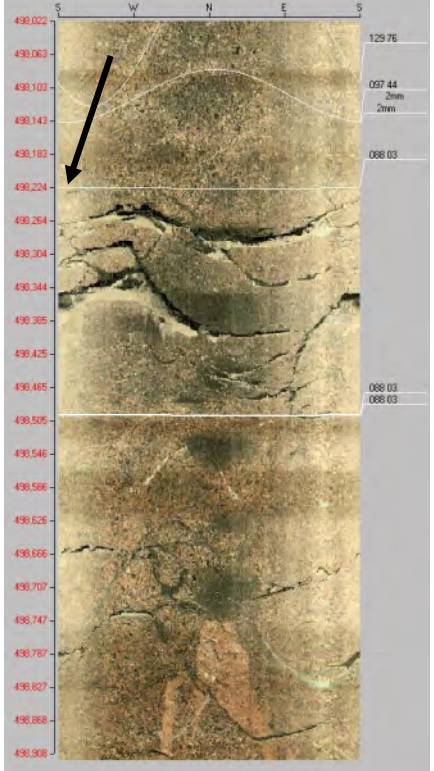
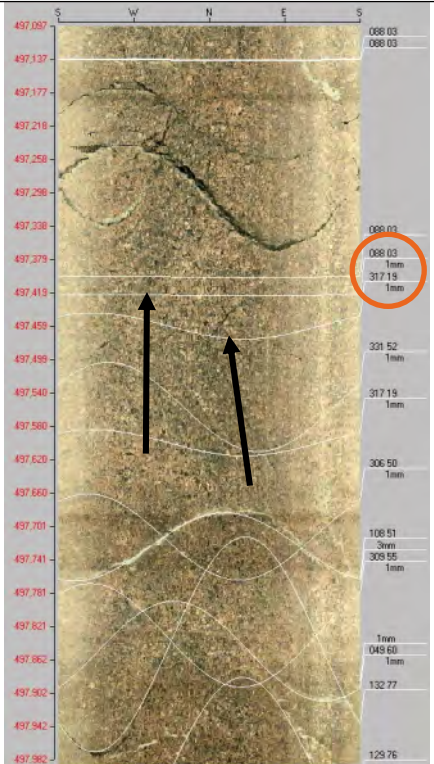
PFL anom. No	PFL anom data	Boremap data	BIPS Image
43a	Bh-length (m) = 497.30 T (m ² /s) = 5.85E-9 PFL confidence= Certain	Adjusted secup (m) =497.42 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
43b		Adjusted secup (m) =497.46 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
44	Bh-length (m) = 498.40 T (m ² /s) = 1.19E-7 PFL confidence= Certain	Adjusted secup (m) =498.22 Adjusted secup (m) =499.63 Fract_interpret / Varcodes= Crush zone PFL-anom. confidence= 1	

Table A2-31. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
45	Bh-length (m) = 499.10 T (m ² /s) = 5.49E-8 PFL confidence= Certain	Adjusted secup (m) =498.22 Adjusted secup (m) =499.63 Fract_interpret / Varcod= Crush zone	
46	Bh-length (m) = 514.70 T (m ² /s) = 6.13E-9 PFL confidence= Certain	Adjusted secup (m) =514.80 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	

Table A2-32. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
47	Bh-length (m) = 523.90 T (m ² /s) = 4.04E-8 PFL confidence= Certain	Adjusted secup (m) =524.00 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
48a	Bh-length (m) = 526.40 T (m ² /s) = 1.39E-8 PFL confidence= Certain	Adjusted secup (m) =526.43 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
48b		Adjusted secup (m) =526.46 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A2-33. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
49a	Bh-length (m) = 533.40 T (m ² /s) = 9.40E-10 PFL confidence= Uncertain	Adjusted secup (m) =533.27 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
49b		Adjusted secup (m) =533.33 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A2-34. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
50a	Bh-length (m) = 535.00 T (m ² /s) = 1.70E-9 PFL confidence= Certain	Adjusted secup (m) =535.01 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
50b		Adjusted secup (m) =535.04 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
50c		Adjusted secup (m) =535.06 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A2-35. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
51a	Bh-length (m) = 555.80 T (m ² /s) = 9.14E-9 PFL confidence= Certain	Adjusted secup (m) =555.60 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
51b		Adjusted secup (m) =555.66 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
51c		Adjusted secup (m) =555.74 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
51d		Adjusted secup (m) =555.77 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
51e		Adjusted secup (m) =555.80 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

51f	Adjusted secup (m) =556.00
	Fract_interpret / Varcodes= open fr.
	Frac.interp. confidence= Possible
	PFL-anom. confidence= 1
51g	Adjusted secup (m) =555.85
	Adjusted secup (m) =555.97
	Fract_interpret / Varcodes= crush zone

Table A2-36. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
52a	Bh-length (m) = 562.40 T (m ² /s) = 2.11E-8 PFL confidence= Uncertain	Adjusted secup (m) =562.23 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
52b		Adjusted secup (m) =562.30 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
52c		Adjusted secup (m) =562.31 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
52d		Adjusted secup (m) =562.35 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
52e		Adjusted secup (m) =562.50 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	

52f

Adjusted secup (m)
=562.52

Fract_interpret / Varcodes=
open fr.

Frac.interp. confidence=
Certain

PFL-anom. confidence=
2

52g

Adjusted secup (m)
=562.52

Fract_interpret / Varcodes=
open fr.

Frac.interp. confidence=
Possible

PFL-anom. confidence=
2

Table A2-37. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
53a	Bh-length (m) = 573.80 T (m ² /s) = 2.76E-8 PFL confidence= Uncertain	Adjusted secup (m) =573.64 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
53b		Adjusted secup (m) =573.68 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
53c		Adjusted secup (m) =573.71 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
53d		Adjusted secup (m) =573.78 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
53e		Adjusted secup (m) =573.78 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	

53f	Adjusted secup (m) =573.81
	Fract_interpret / Varcodes= open fr.
	Frac.interp. confidence= Possible
	PFL-anom. confidence= 2
53g	Adjusted secup (m) =573.84
	Fract_interpret / Varcodes= open fr.
	Frac.interp. confidence= Possible
	PFL-anom. confidence= 2
53h	Adjusted secup (m) =573.89
	Fract_interpret / Varcodes= open fr.
	Frac.interp. confidence= Possible
	PFL-anom. confidence= 2
53i	Adjusted secup (m) =573.94
	Fract_interpret / Varcodes= open fr.
	Frac.interp. confidence= Possible
	PFL-anom. confidence= 2
53j	Adjusted secup (m) =573.95
	Fract_interpret / Varcodes= open fr.
	Frac.interp. confidence= Possible
	PFL-anom. confidence= 2

Table A2-38. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
54a	Bh-length (m) = 575.20 T (m ² /s) = 3.85E-9 PFL confidence= Certain	Adjusted secup (m) =575.18 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
54b		Adjusted secup (m) =575.32 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A2-39. KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
55a	Bh-length (m) = 577.00 T (m ² /s) = 4.16E-8 PFL confidence= Certain	Adjusted secup (m) =576.91 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
55b	Adjusted secup (m) =577.09 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1		
55c	Adjusted secup (m) =577.18 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1		

Table A2-40. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
56a	<p>Bh-length (m) = 578.30</p> <p>T (m²/s) = 3.62E-7</p> <p>PFL confidence= Certain</p>	<p>Adjusted secup (m) =578.13</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Possible</p> <p>PFL-anom. confidence= 1</p>	
56b		<p>Adjusted secup (m) =578.47</p> <p>Fract_interpret / Varcodes= open fr. in crush zone</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 1</p>	
57	<p>Bh-length (m) = 579.60</p> <p>T (m²/s) = 2.39E-8</p> <p>PFL confidence= Uncertain</p>	<p>Adjusted secup (m) =579.49</p> <p>Adjusted secup (m) =580.04</p> <p>Fract_interpret / Varcodes= crush zone</p> <p>PFL-anom. confidence= 1</p>	

Table A2-41. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
58a	Bh-length (m) = 580.30 T (m ² /s) = 8.89E-9 PFL confidence= Certain	Adjusted secup (m) =580.26 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
58b		Adjusted secup (m) =580.46 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A2-42. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
59a	Bh-length (m) = 582.10 T (m ² /s) = 4.84E-9 PFL confidence= Certain	Adjusted secup (m) =581.94 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
59b		Adjusted secup (m) =582.10 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
59c		Adjusted secup (m) =582.18 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
59d		Adjusted secup (m) =582.19 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A2-43. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
60a	Bh-length (m) = 583.50 T (m ² /s) = 1.66E-8 PFL confidence= Certain	Adjusted secup (m) =583.47 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
60b		Adjusted secup (m) =583.53 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
60c		Adjusted secup (m) =583.58 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
60d		Adjusted secup (m) =583.67 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
60e		Adjusted secup (m) =583.69 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A2-44. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
61a	Bh-length (m) = 594.80 T (m ² /s) = 1.39E-7 PFL confidence= Uncertain	Adjusted secup (m) =594.80 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
61b		Adjusted secup (m) =594.85 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
61c		Adjusted secup (m) =594.92 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
61d		Adjusted secup (m) =594.93 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	

Table A2-45. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
62	Bh-length (m) = 595.60 T (m ² /s) = 1.29E-8 PFL confidence= Uncertain	Adjusted secup (m) = 595.28 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
63a	Bh-length (m) = 597.30 T (m ² /s) = 1.89E-8 PFL confidence= Uncertain	Adjusted secup (m) = 597.11 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
63b		Adjusted secup (m) = 597.34 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	

Table A2-46. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
64	Bh-length (m) = 598.10 T (m ² /s) = 9.77E-9 PFL confidence= Certain	Adjusted secup (m) =597.74 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
65a	Bh-length (m) = 598.80 T (m ² /s) = 4.70E-9 PFL confidence= Certain	Adjusted secup (m) =598.69 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
65b		Adjusted secup (m) =598.92 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A2-47. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
66a	Bh-length (m) = 601.70 T (m ² /s) = 1.26E-8 PFL confidence= Certain	Adjusted secup (m) =601.53 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
66b		Adjusted secup (m) =601.57 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
66c		Adjusted secup (m) =601.65 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
66d		Adjusted secup (m) =601.86 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A2-48. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
67a	Bh-length (m) = 602.70 T (m ² /s) = 8.25E-9 PFL confidence= Uncertain	Adjusted secup (m) =602.67 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
67b		Adjusted secup (m) =602.69 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
67c		Adjusted secup (m) =602.79 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	

Table A2-49. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
68a	Bh-length (m) = 603.60 T (m ² /s) = 3.62E-8 PFL confidence= Uncertain	Adjusted secup (m) =603.52 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
68b		Adjusted secup (m) =603.53 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
68c		Adjusted secup (m) =603.55 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
68d		Adjusted secup (m) =603.58 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
68e		Adjusted secup (m) =603.59 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

68f

Adjusted secup (m)
=603.68

Fract_interpret / Varcodes=
open fr.

Frac.interp. confidence=
Possible

PFL-anom. confidence=
1

Table A2-50. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
69a	Bh-length (m) = 656.80 T (m ² /s) = 1.32E-8 PFL confidence= Certain	Adjusted secup (m) =656.65 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
69b		Adjusted secup (m) =656.66 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
69c		Adjusted secup (m) =656.68 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
69d		Adjusted secup (m) =656.68 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
69e		Adjusted secup (m) =656.71 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

69f	Adjusted secup (m) =656.81 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1
69g	Adjusted secup (m) =656.95 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1
69h	Adjusted secup (m) =656.95 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1
69i	Adjusted secup (m) =656.99 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1
69j	Adjusted secup (m) =657.00 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1

Table A2-51. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
70a	Bh-length (m) = 661.10 T (m ² /s) = 2.12E-8 PFL confidence= Certain	Adjusted secup (m) =661.07 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
70b		Adjusted secup (m) =661.25 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
70c		Adjusted secup (m) =661.29 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A2-52. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
71	Bh-length (m) = 669.60 T (m ² /s) = 3.52E-8 PFL confidence= Certain	Adjusted secup (m) =669.69 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A2-53. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
72a	Bh-length (m) = 696.60 T (m ² /s) = 4.76E-8 PFL confidence= Certain	Adjusted secup (m) =696.54 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
72b		Adjusted secup (m) =696.61 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
72c		Adjusted secup (m) =696.63 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
73	Bh-length (m) = 697.00 T (m ² /s) = 1.73E-8 PFL confidence= Certain	Adjusted secup (m) =697.06 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A2-54. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
74a	Bh-length (m) = 705.80 T (m ² /s) = 8.76E-9 PFL confidence= Certain	Adjusted secup (m) =705.78 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
74b		Adjusted secup (m) =705.8 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	
74c		Adjusted secup (m) =705.81 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
74d		Adjusted secup (m) =705.86 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A2-55. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
75	Bh-length (m) = 707.70	Adjusted secup (m) =706.25	
	T (m ² /s) = 2.32E-7	Adjusted seclow (m) =708.82	
	PFL confidence= Certain	Fract_interpret / Varcodes= crush zone	
		PFL-anom. confidence= 1	
76	Bh-length (m) = 708.40	Adjusted secup (m) =706.25	
	T (m ² /s) = 5.68E-8	Adjusted seclow (m) =708.82	
	PFL confidence= Uncertain	Fract_interpret / Varcodes= crush zone	
		PFL-anom. confidence= 1	

Table A2-56. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
77a	Bh-length (m) = 727.20 T (m ² /s) = 2.82E-8 PFL confidence= Uncertain	Adjusted secup (m) =727.01 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
77b		Adjusted secup (m) =727.04 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
77c		Adjusted secup (m) =727.28 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
77d		Adjusted secup (m) =727.35 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
77e		Adjusted secup (m) =727.35 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	

Table A2-57. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
78	Bh-length (m) = 739.20 T (m ² /s) = 5.63E-8 PFL confidence= Certain	Adjusted secup (m) =739.18 Adjusted seclow (m) =739.86 Fract_interpret / Varcodes= crush zone PFL-anom. confidence= 1	<p>The BIPS image for PFL 78 is a vertical cross-section of a geological formation. The vertical axis on the left is labeled with elevation values from 739.876 at the top to 739.681 at the bottom. The horizontal axis at the top is labeled with cardinal directions: S, W, N, E, S. A black arrow points from the bottom left towards the center of the image, highlighting a specific geological feature. On the right side, there is a list of data points including values like 221.41, 266.22, 269.32, 088.73, 088.73, 088.02, 088.02, 359.00, 001.20, and 088.03.</p>
79	Bh-length (m) = 859.10 T (m ² /s) = 1.33E-8 PFL confidence= Certain	Adjusted secup (m) =159.18 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	<p>The BIPS image for PFL 79 is a vertical cross-section of a geological formation. The vertical axis on the left is labeled with elevation values from 859.957 at the top to 859.663 at the bottom. The horizontal axis at the top is labeled with cardinal directions: S, W, N, E, S. A black arrow points from the bottom right towards the center of the image, highlighting a specific geological feature. On the right side, there is a list of data points including values like 053.44, 118.22, 116.28, 116.28, 118.28, 109.25, 076.80, 088.03, 088.03, 127.54, 107.19, 099.28, and 099.28. One of the '116.28' values is circled in red.</p>

Table A2-58. KSH02. Interpretation of PFL measurements and BOREMAP data

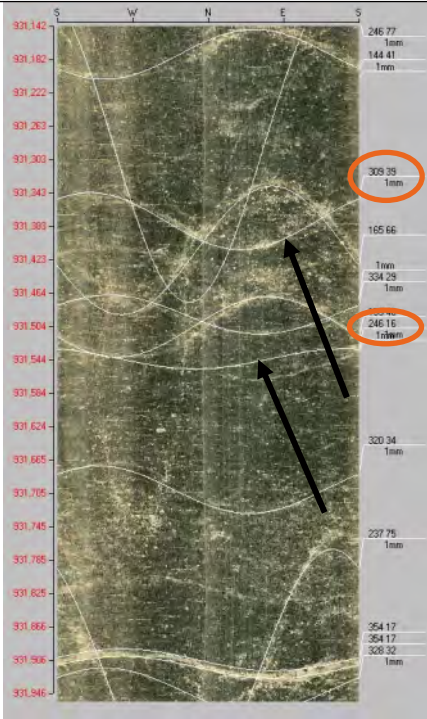
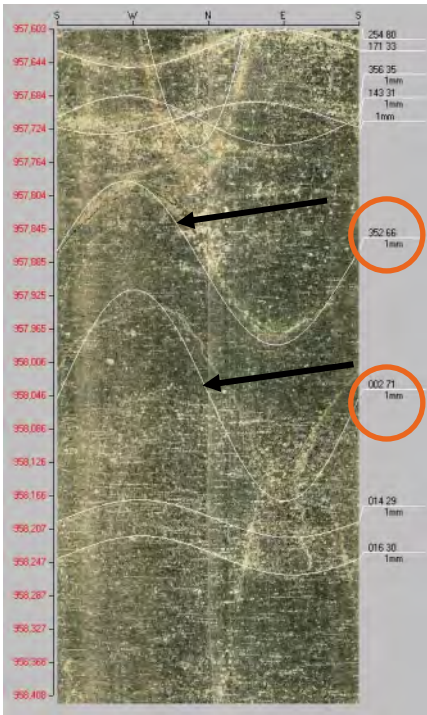
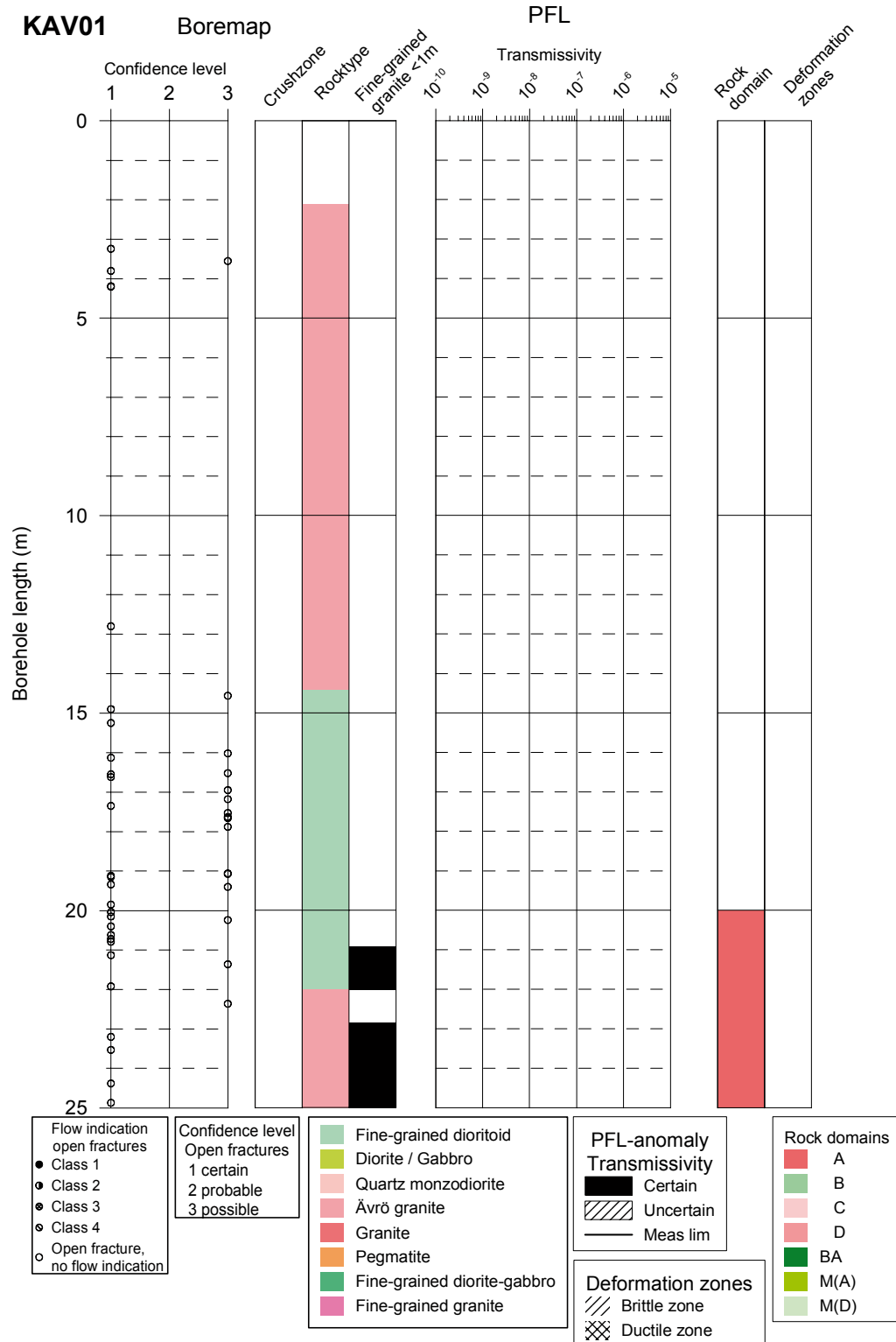
PFL anom. No	PFL anom data	Boremap data	BIPS Image
80a	Bh-length (m) = 932.10 T (m ² /s) = 5.76E-8 PFL confidence= Certain	Adjusted secup (m) = 931.38 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 8	
80b		Adjusted secup (m) = 931.54 Fract_interpret / Varcodes= sealed fr. Frac.interp. confidence= Probable PFL-anom. confidence= 6	
81a	Bh-length (m) = 957.80 T (m ² /s) = 5.38E-7 PFL confidence= Certain	Adjusted secup (m) = 957.89 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
81b		Adjusted secup (m) = 958.05 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A2-59. KSH02. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
82a	Bh-length (m) = 995.20 T (m ² /s) = 4.04E-7 PFL confidence= Certain	Adjusted secup (m) =995.19 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
82b		Adjusted secup (m) =995.23 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
82c		Adjusted secup (m) =995.25 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

KAV01

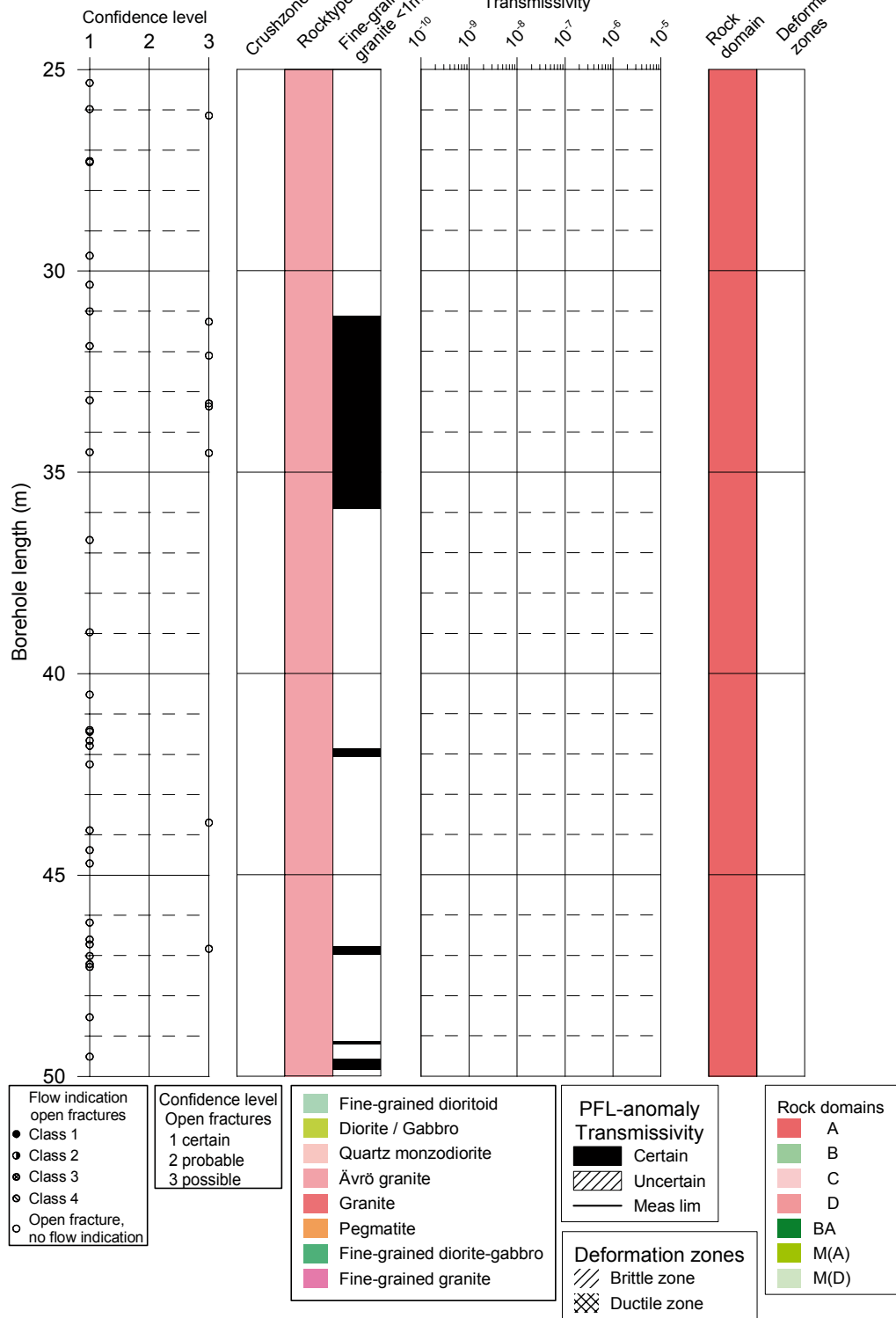
In this appendix plots showing flow log anomalies to core mapped features in KAV01 for every 25 m of the borehole are found. BIPS images of PFL anomalies are also shown.



KAV01

Boremap

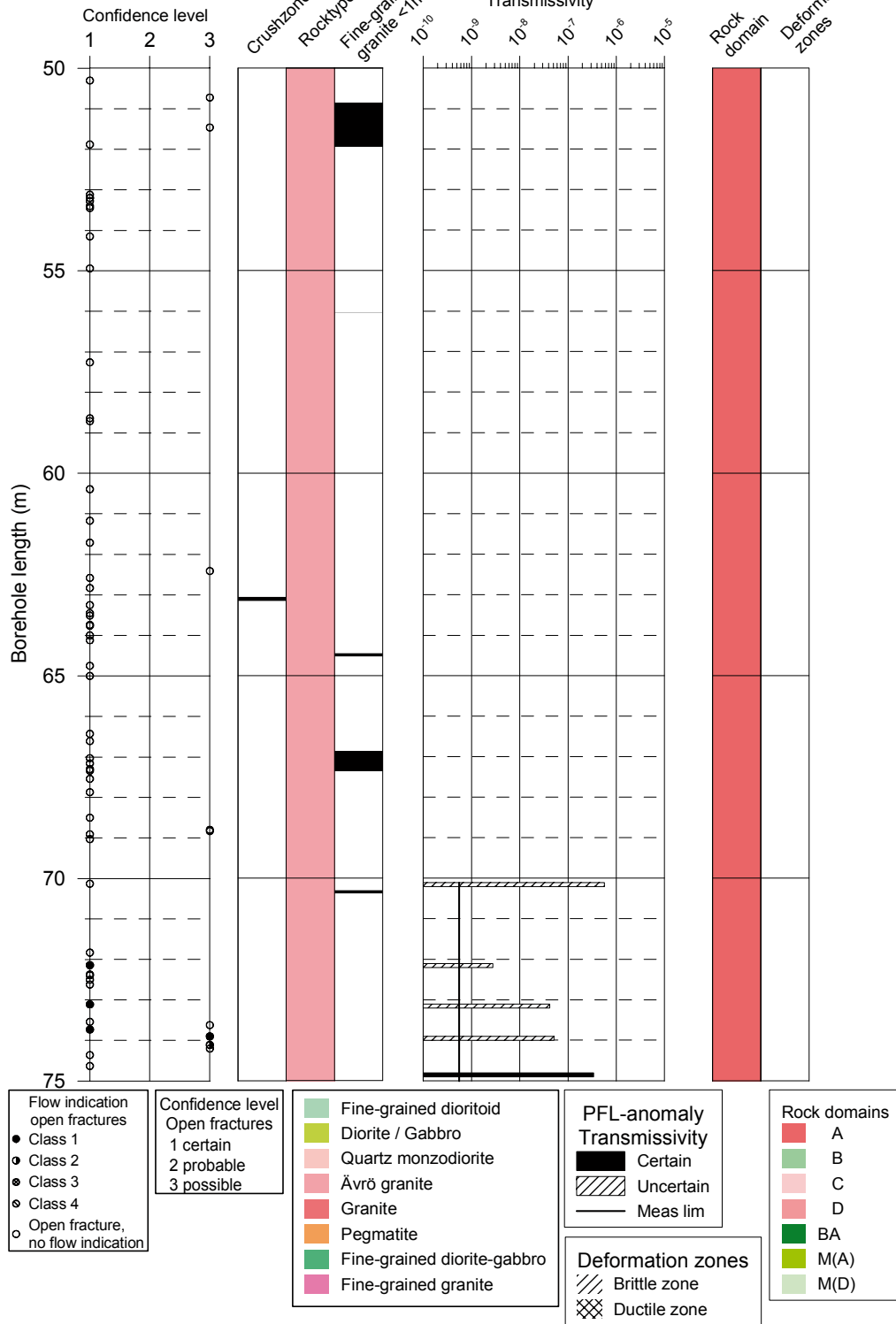
PFL



KAV01

Boremap

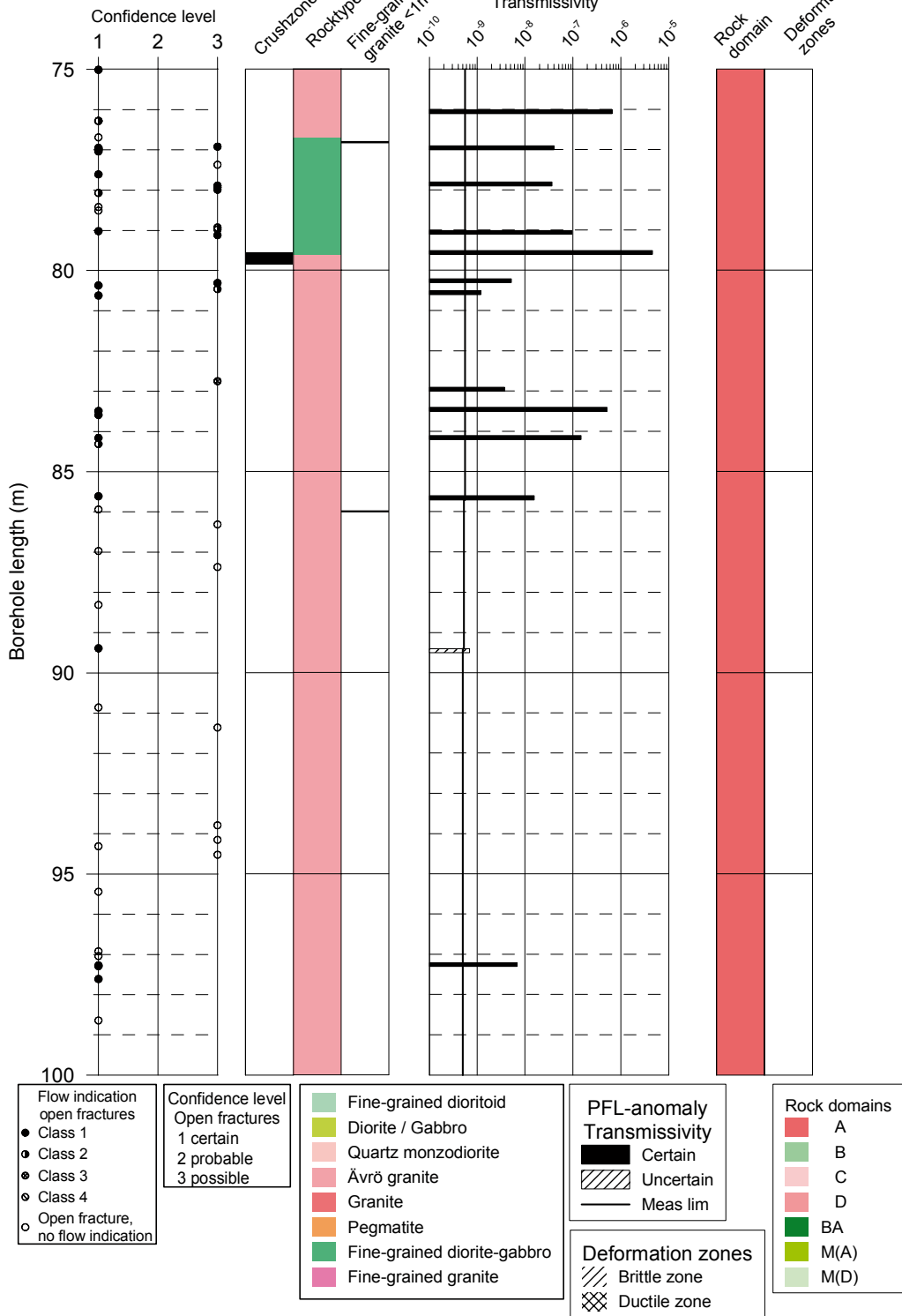
PFL



KAV01

Boremap

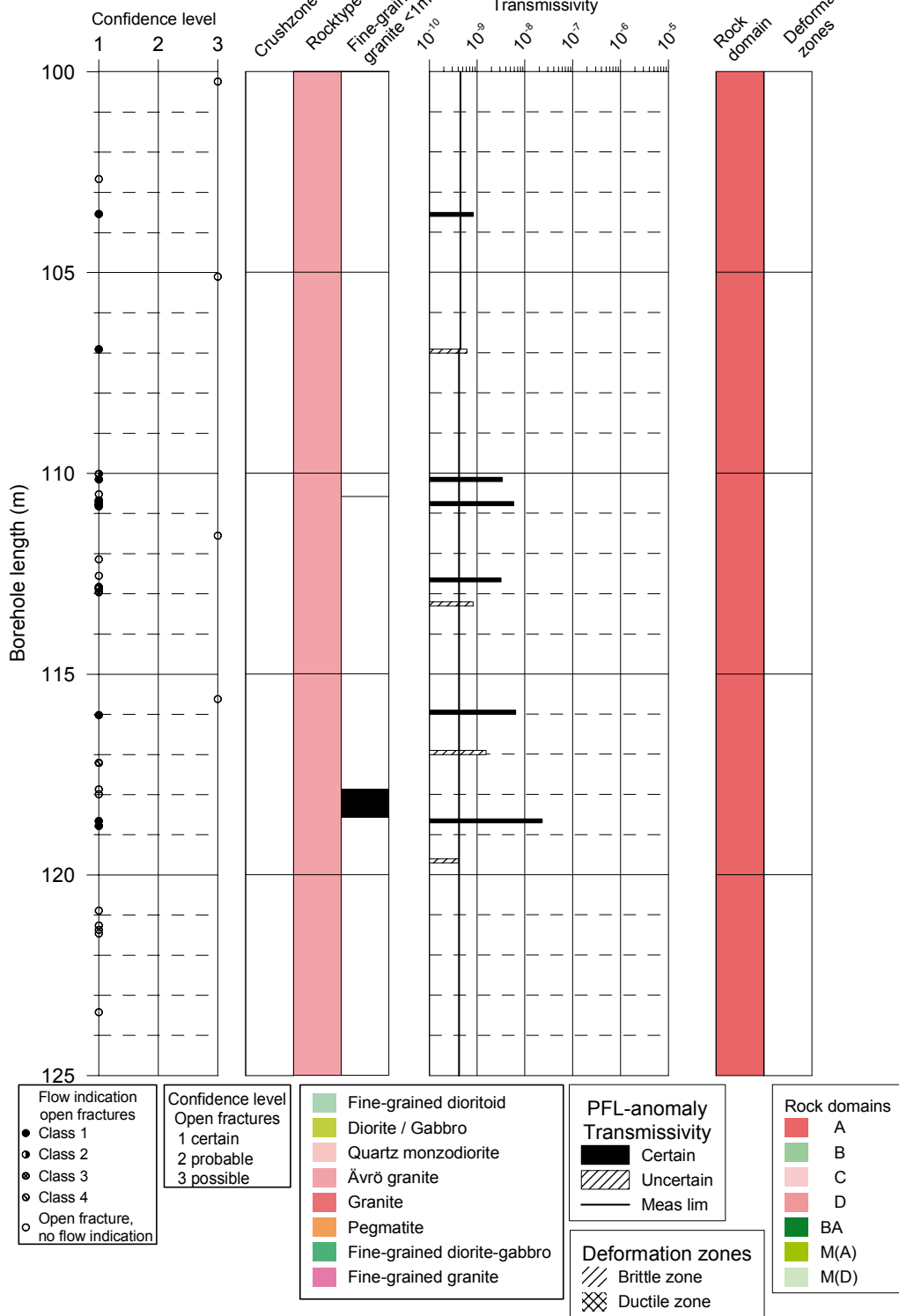
PFL



KAV01

Boremap

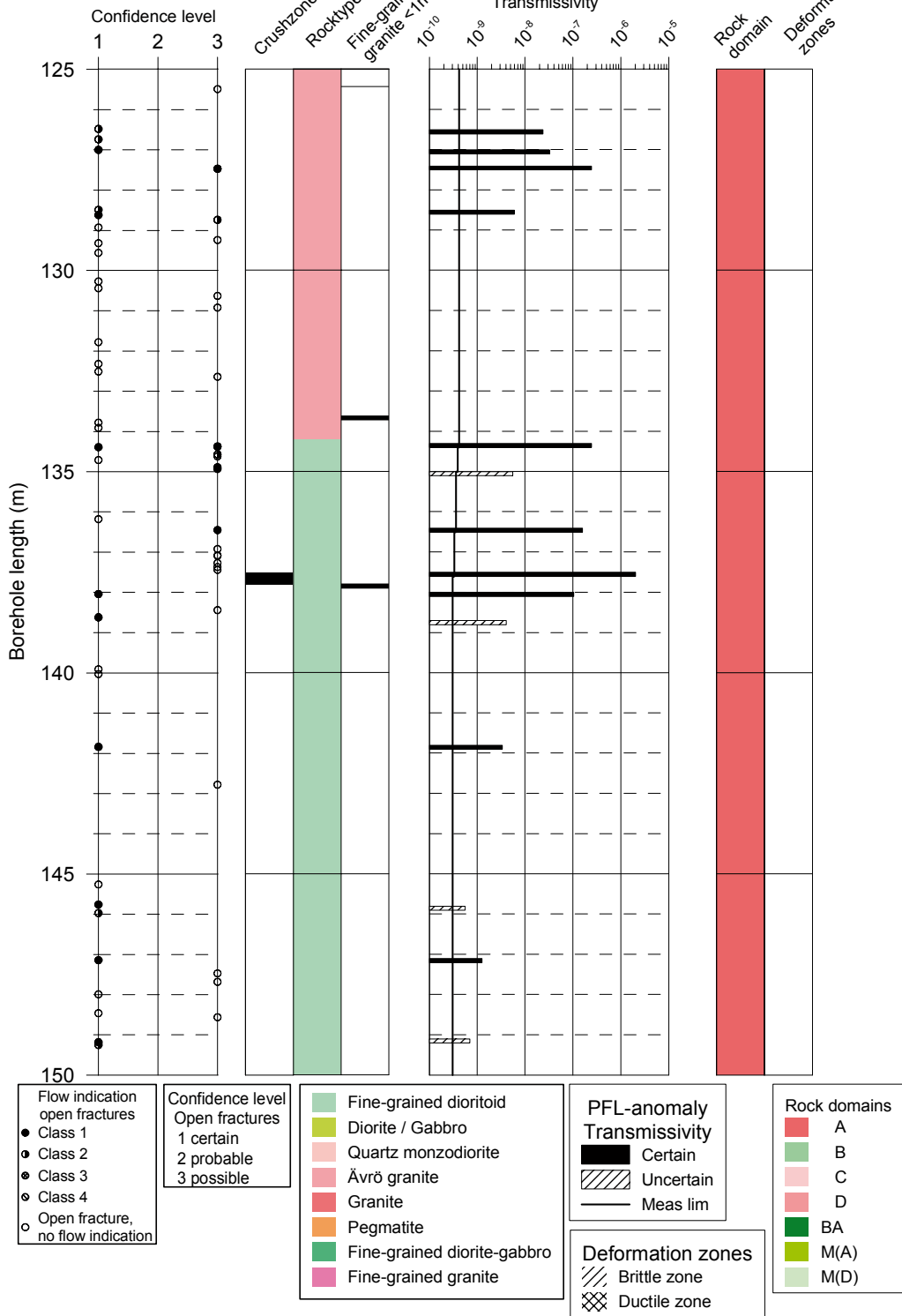
PFL



KAV01

Boremap

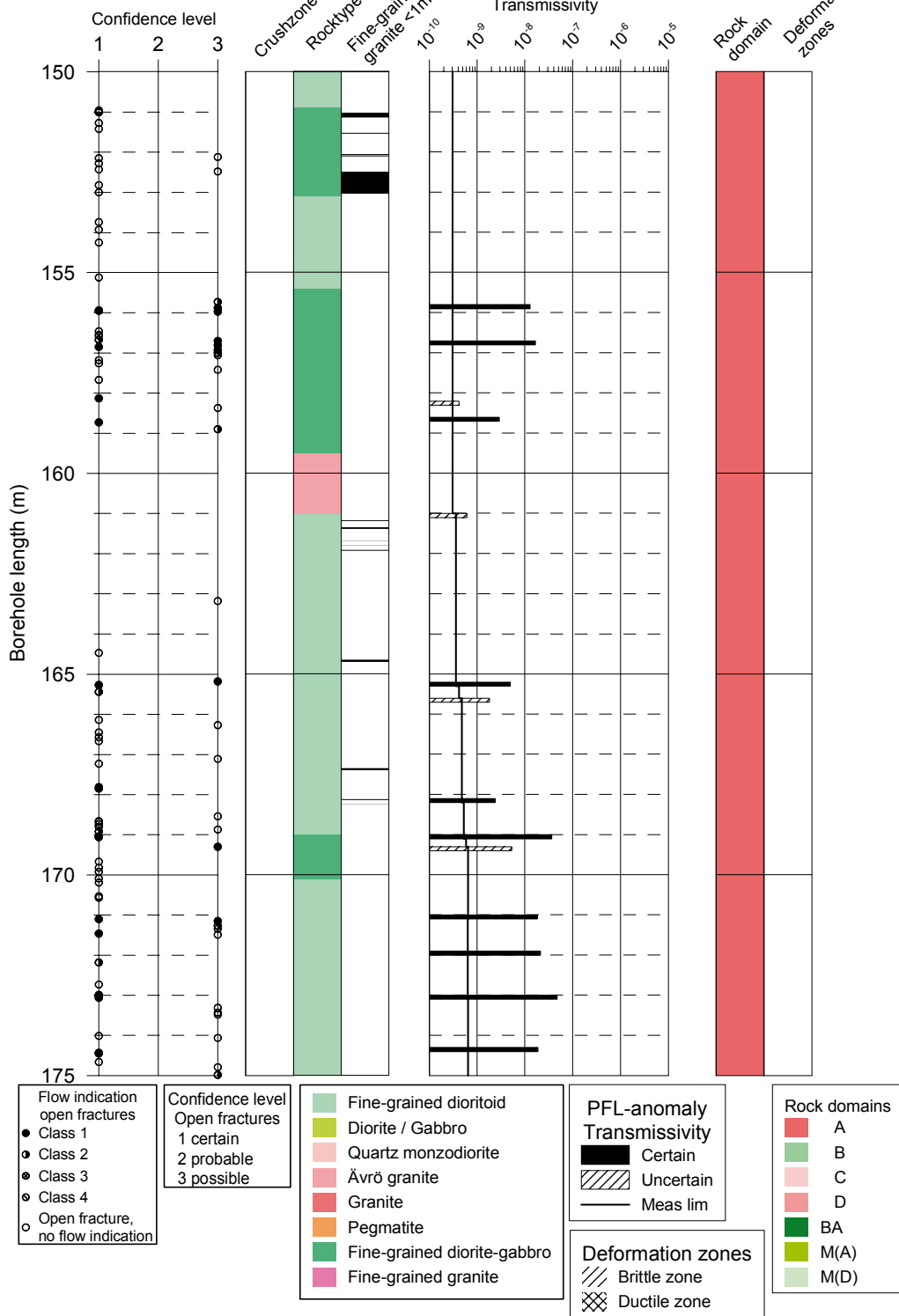
PFL



KAV01

Boremap

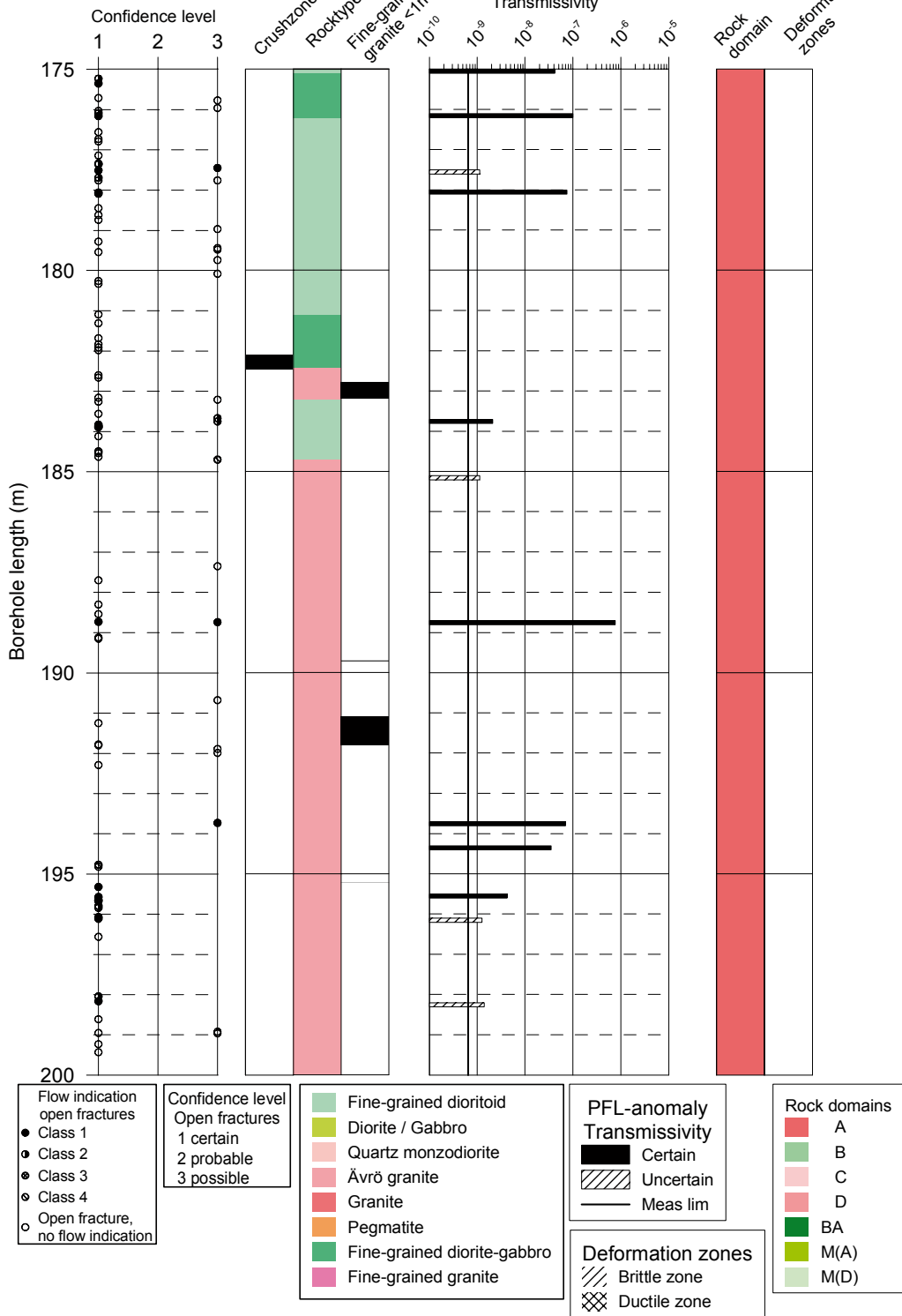
PFL



KAV01

Boremap

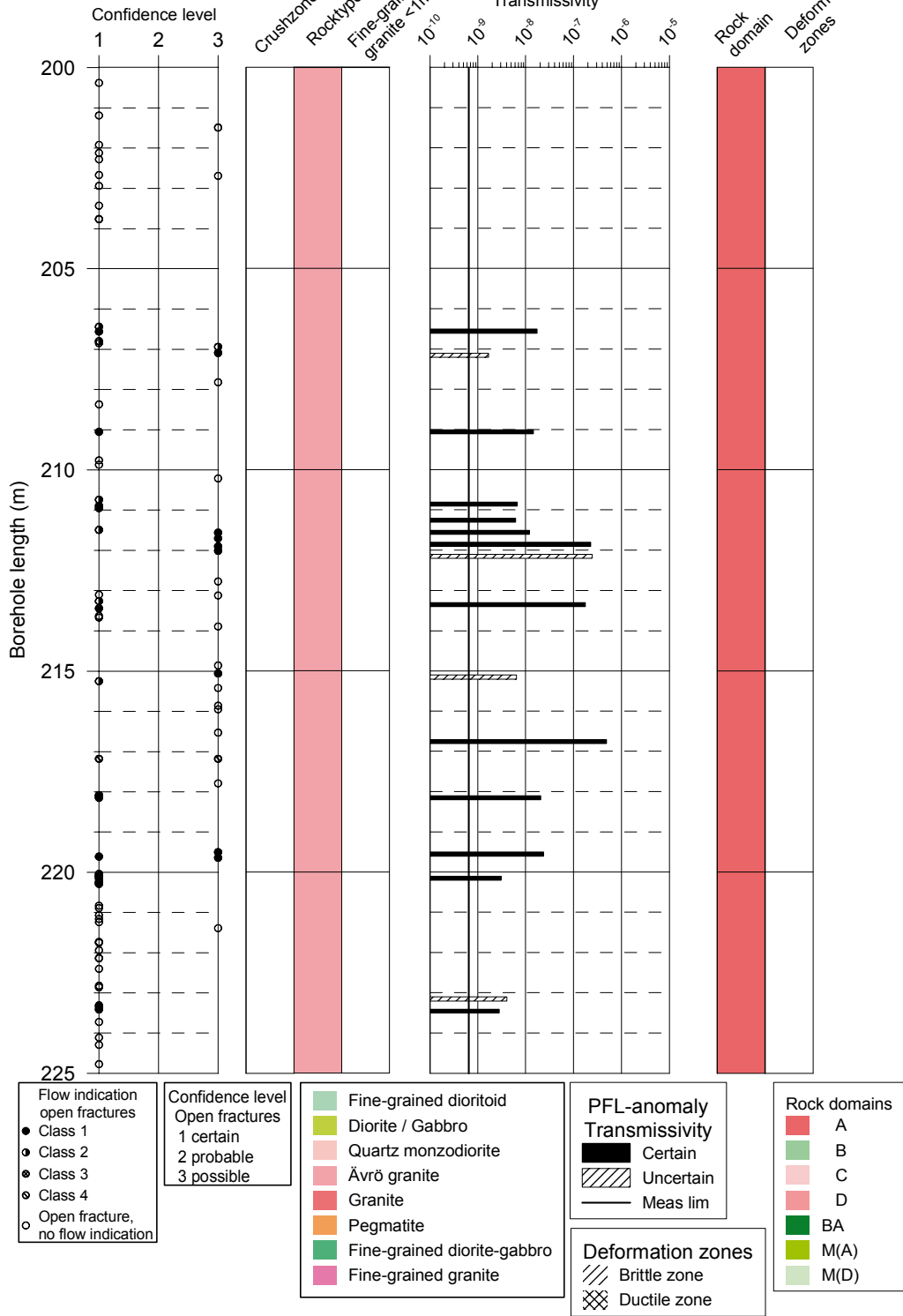
PFL



KAV01

Boremap

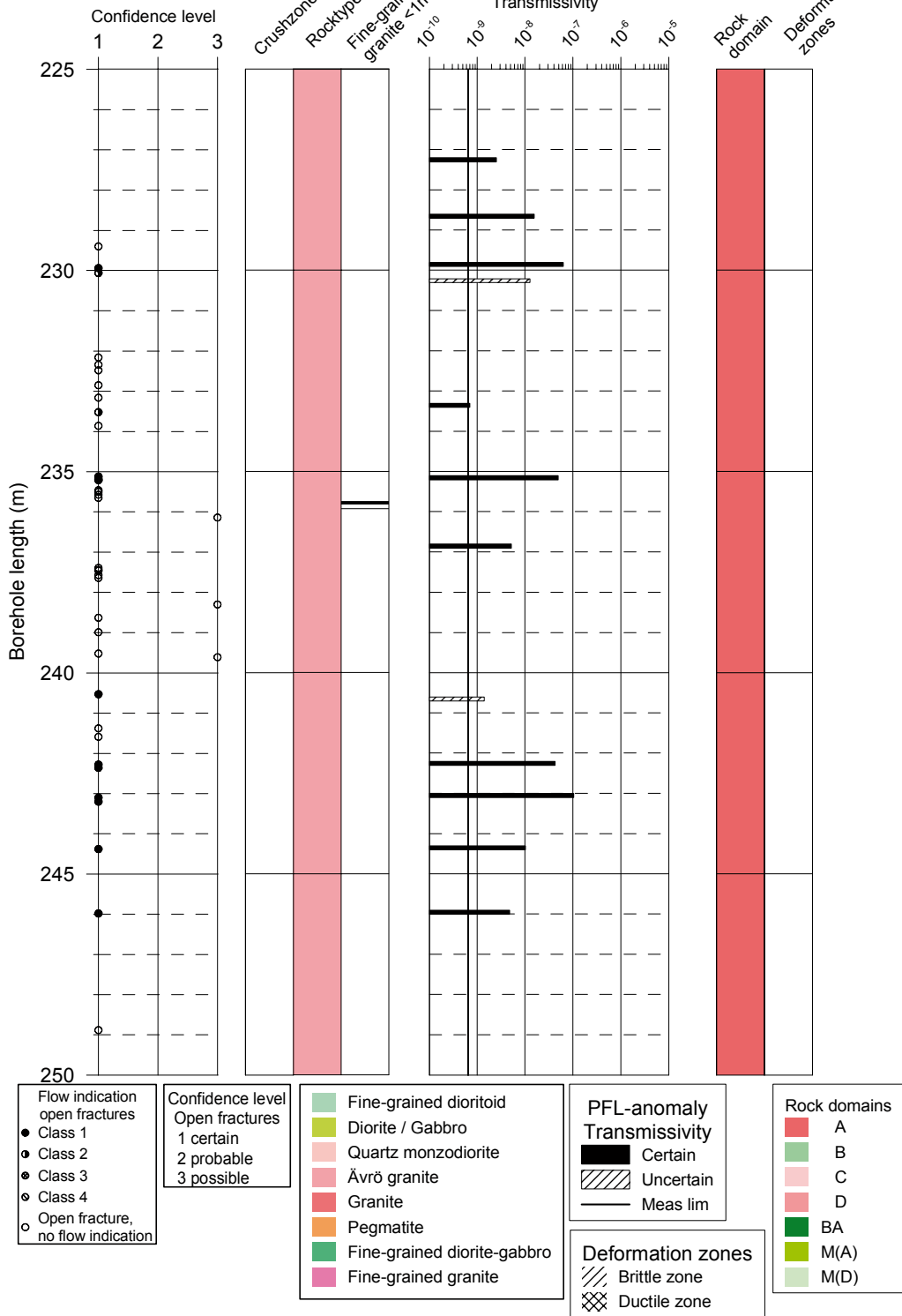
PFL



KAV01

Boremap

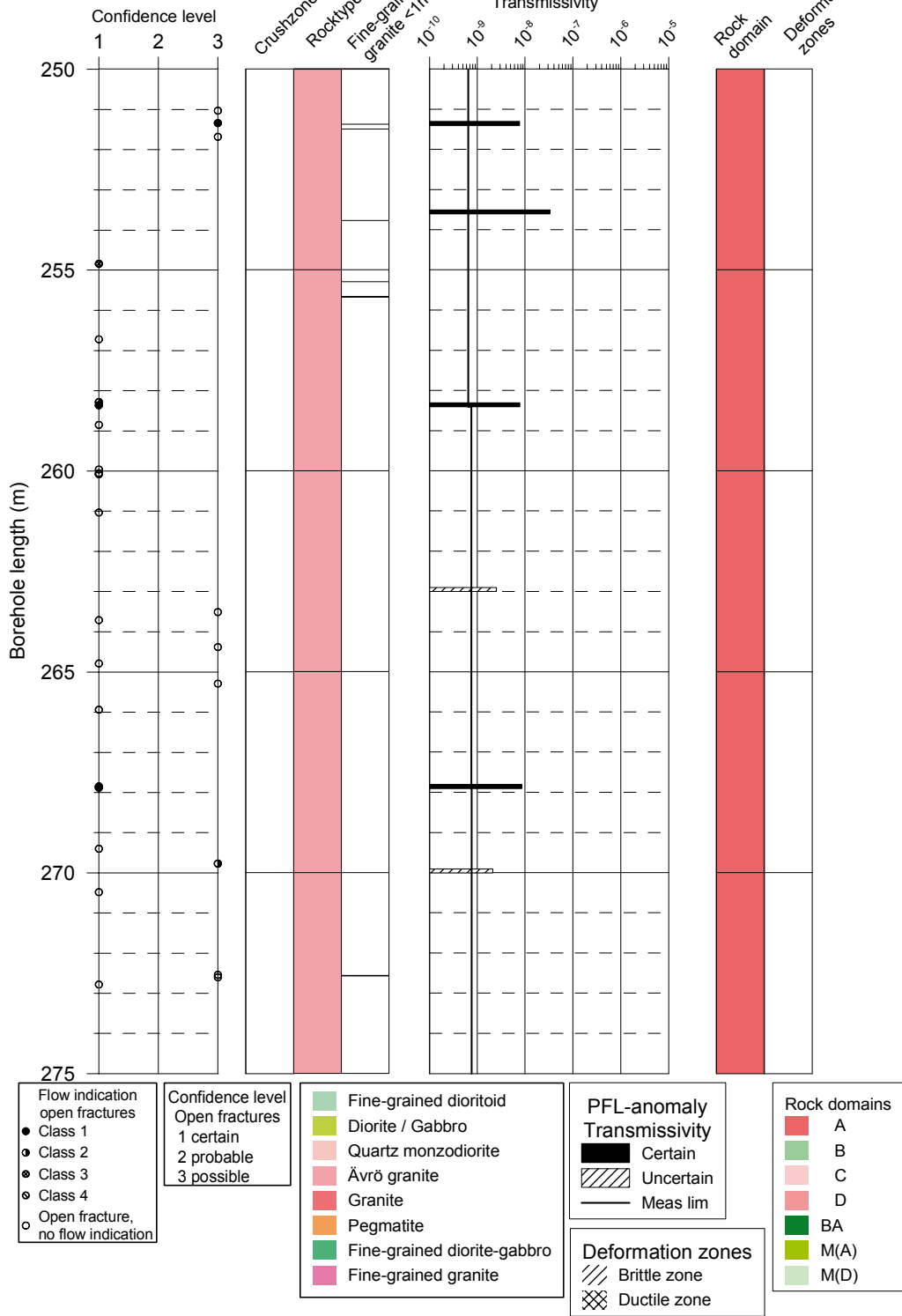
PFL



KAV01

Boremap

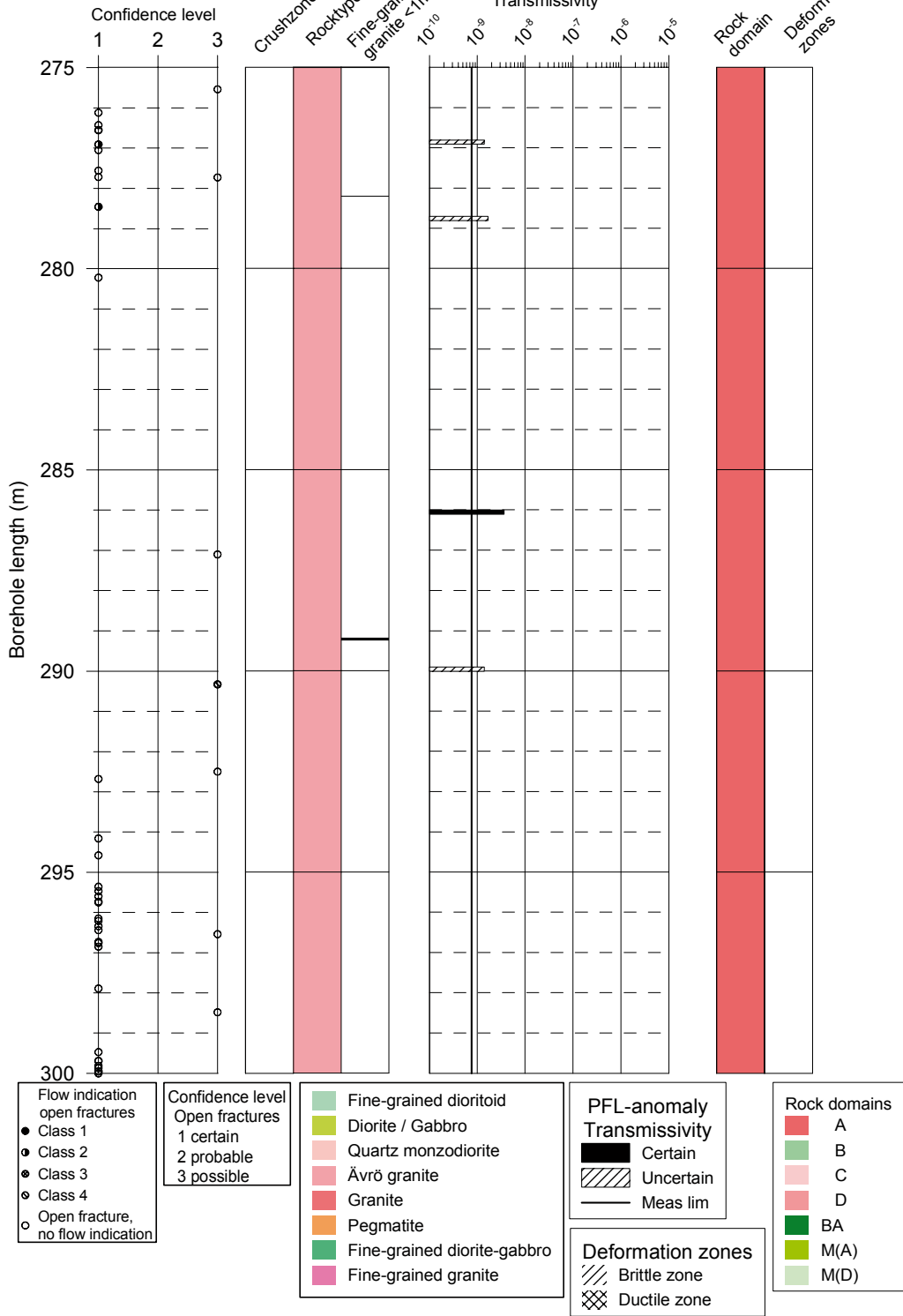
PFL



KAV01

Boremap

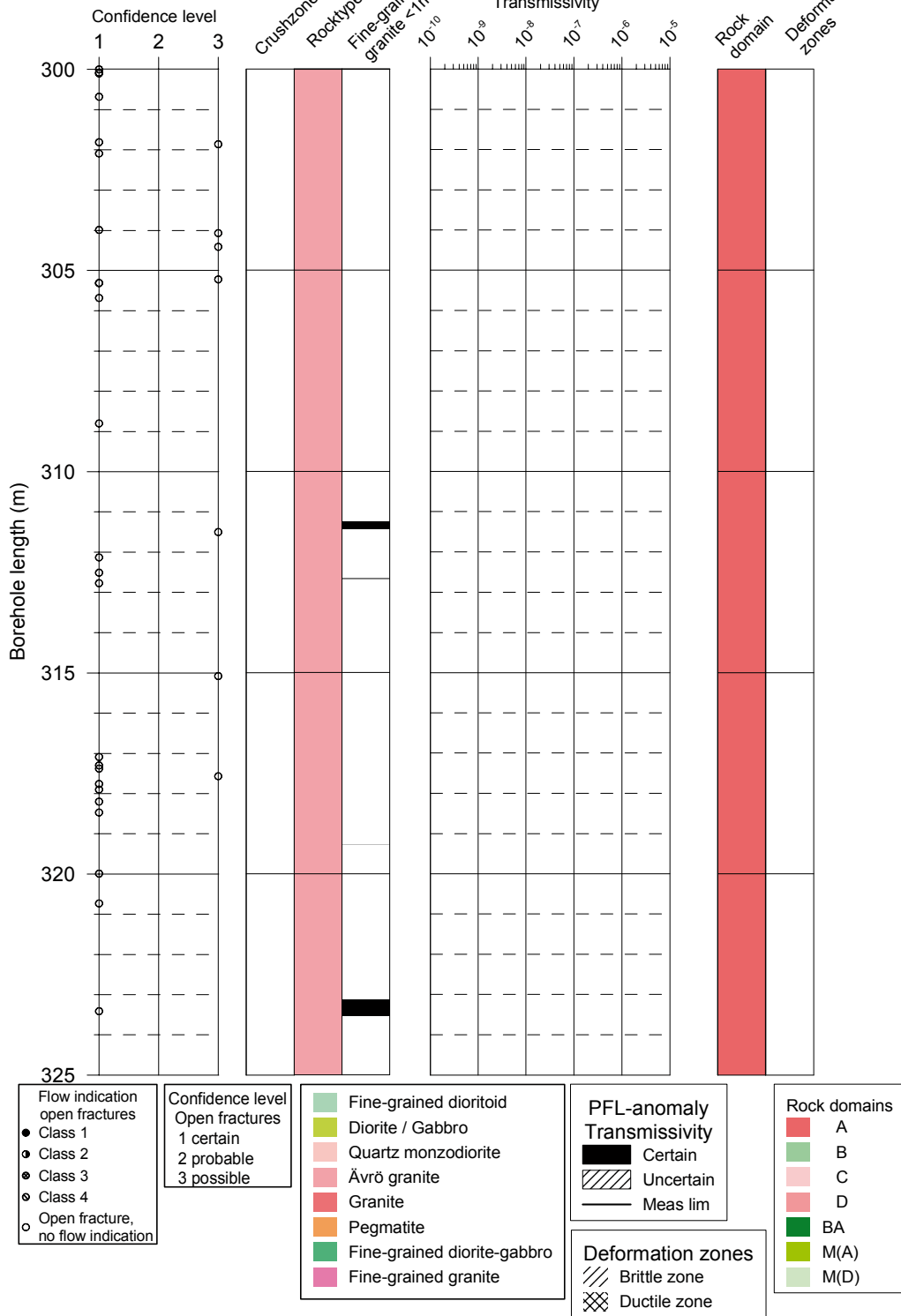
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KAV01

Boremap

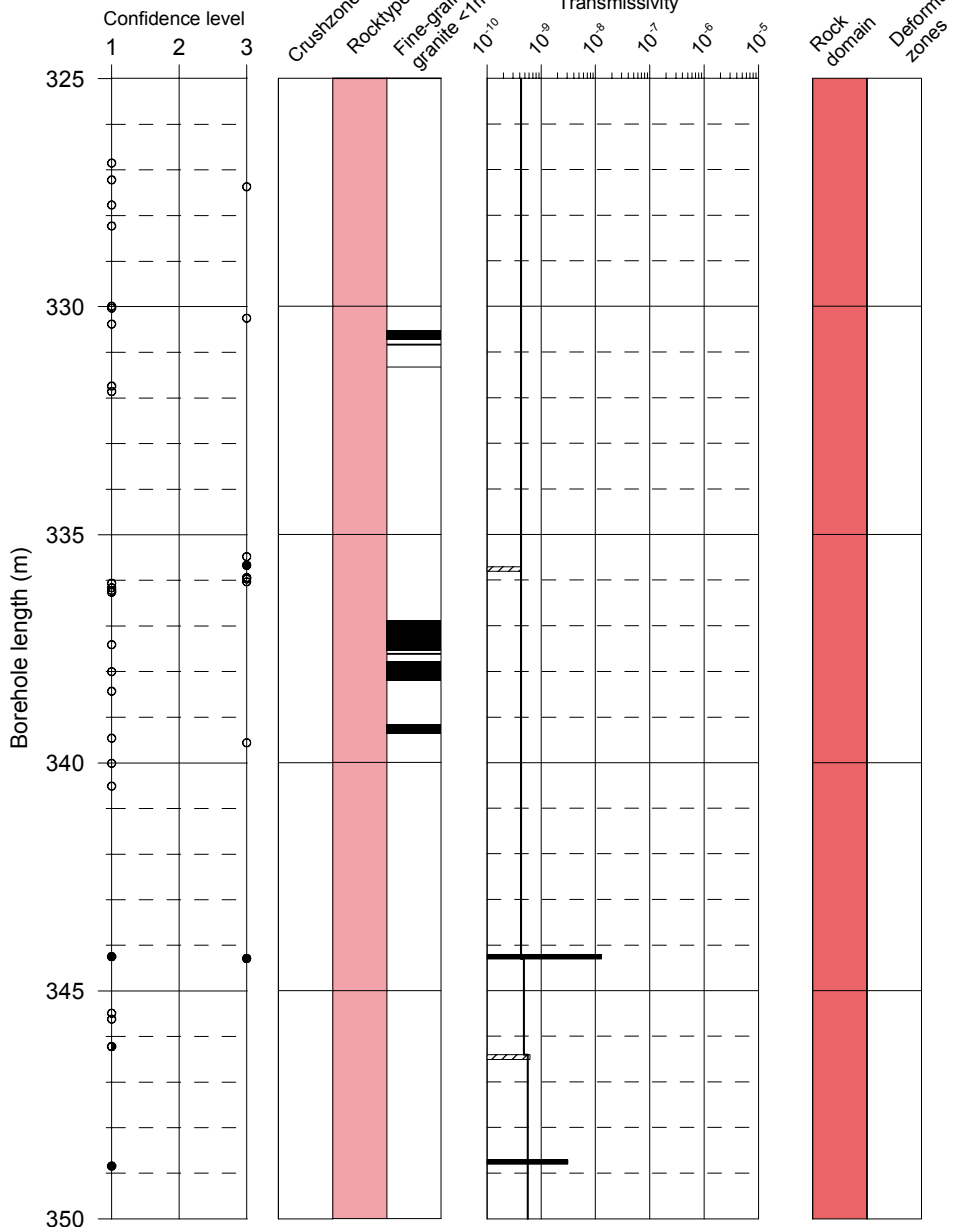
PFL



KAV01

Boremap

PFL



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 dioritoid
- Diorite / Gabbro
- Quartz monzodiorite
- Åvrö granite
- Granite
- Pegmatite
- Fine-grained diorite-gabbro
- Fine-grained granite

PFL-anomaly
Transmissivity

- Certain
- Uncertain
- Meas lim

Deformation zones

- Brittle zone
- Ductile zone

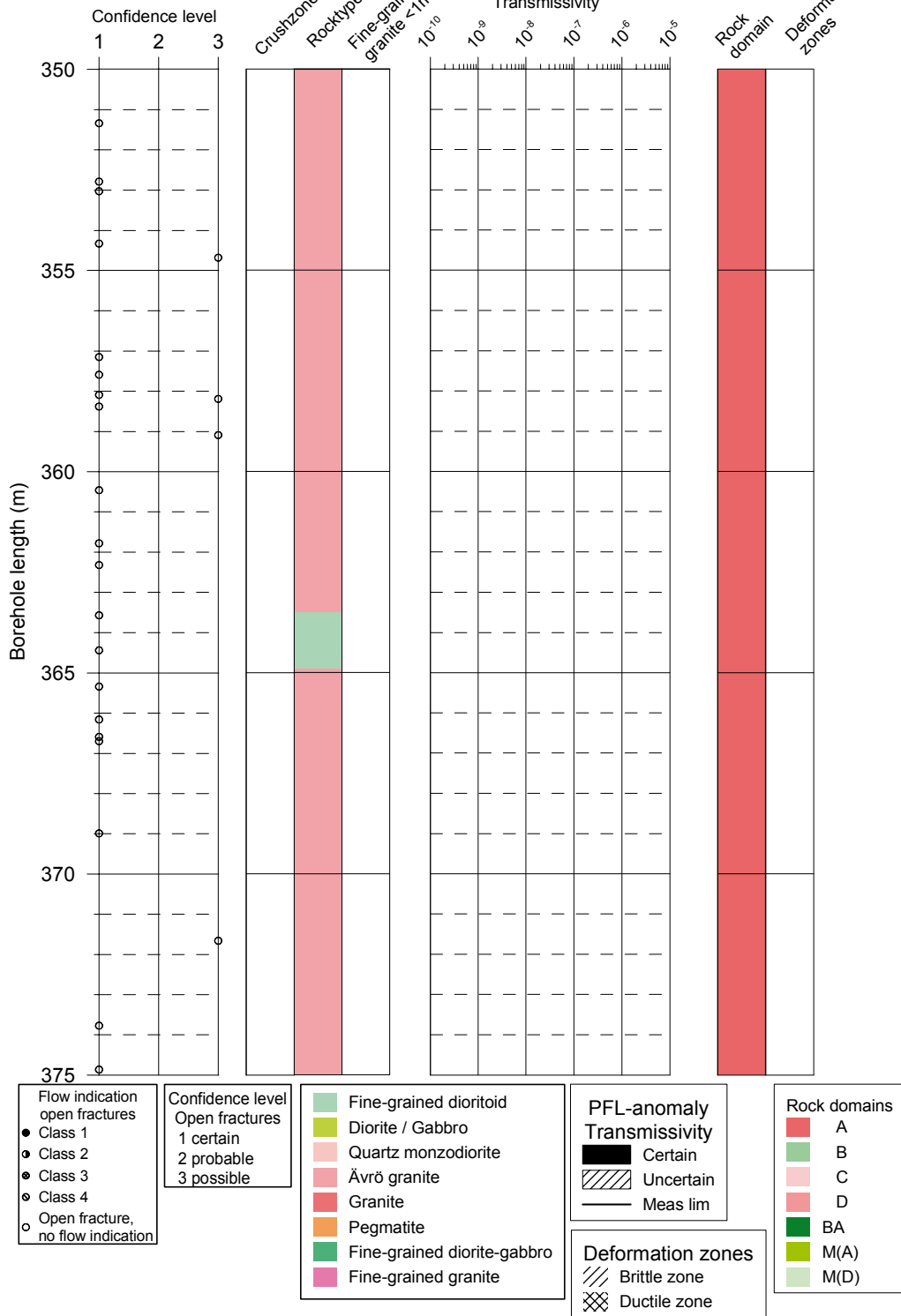
Rock domains

- A
- B
- C
- D
- BA
- M(A)
- M(D)

KAV01

Boremap

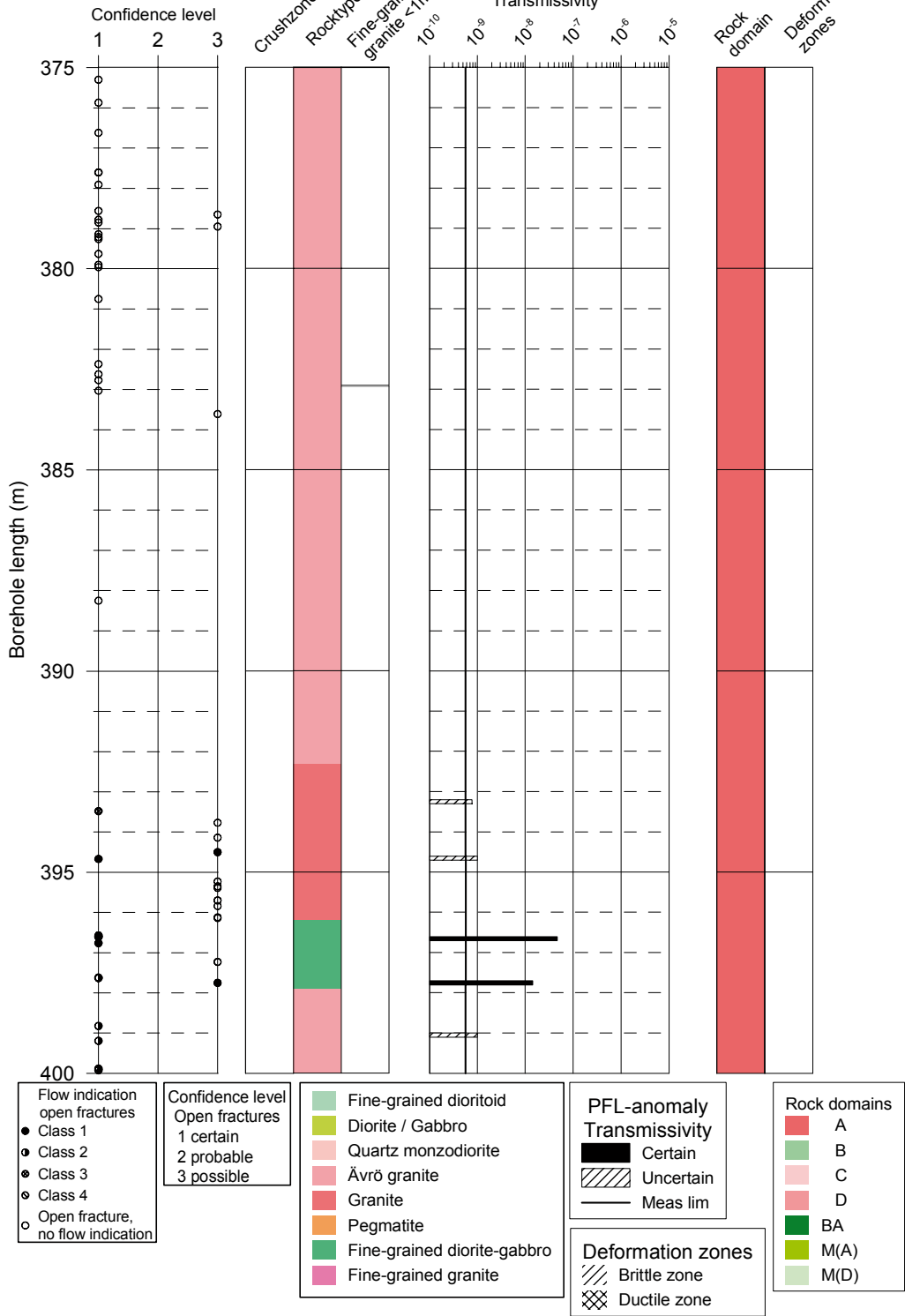
PFL



KAV01

Boremap

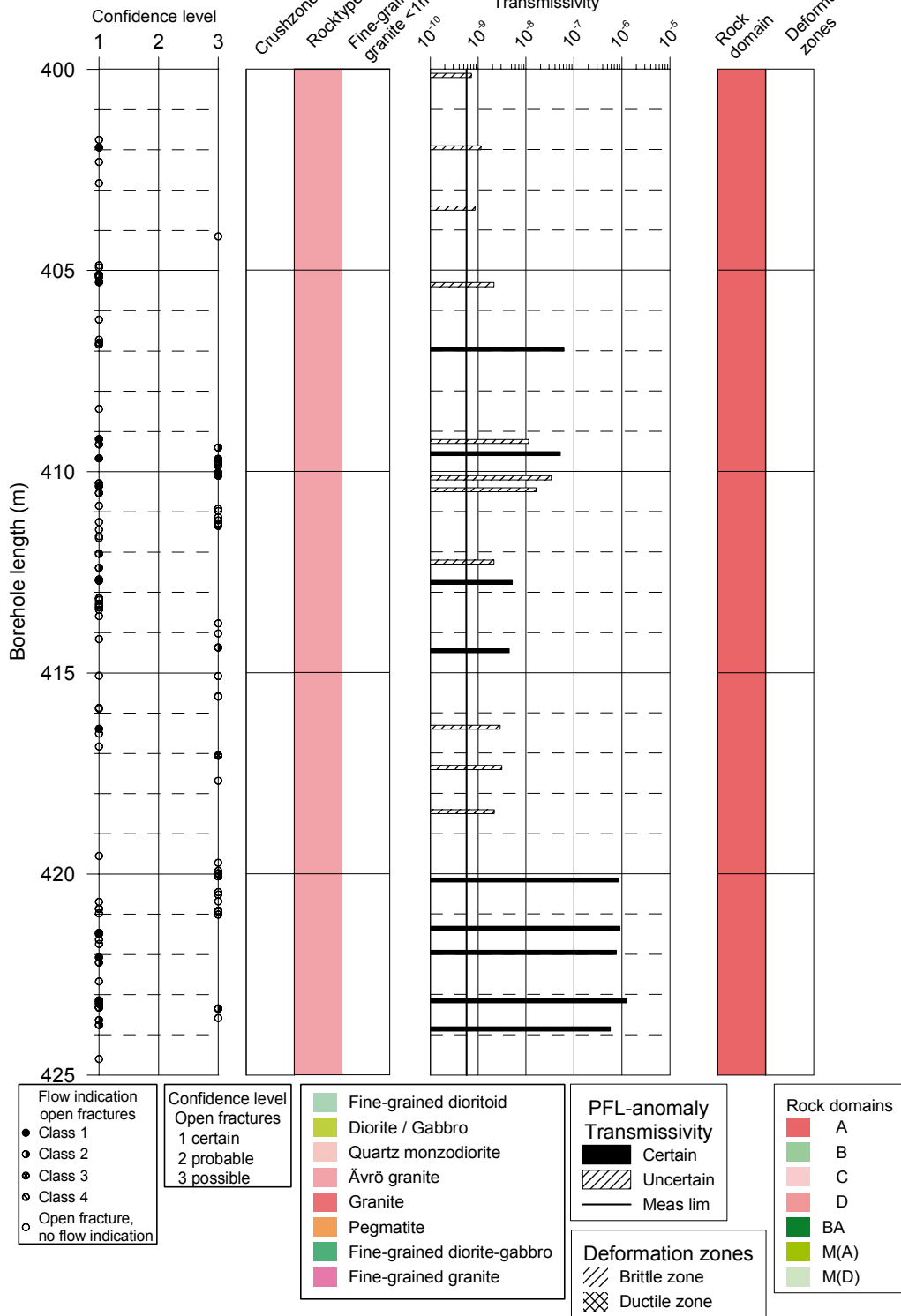
PFL



KAV01

Boremap

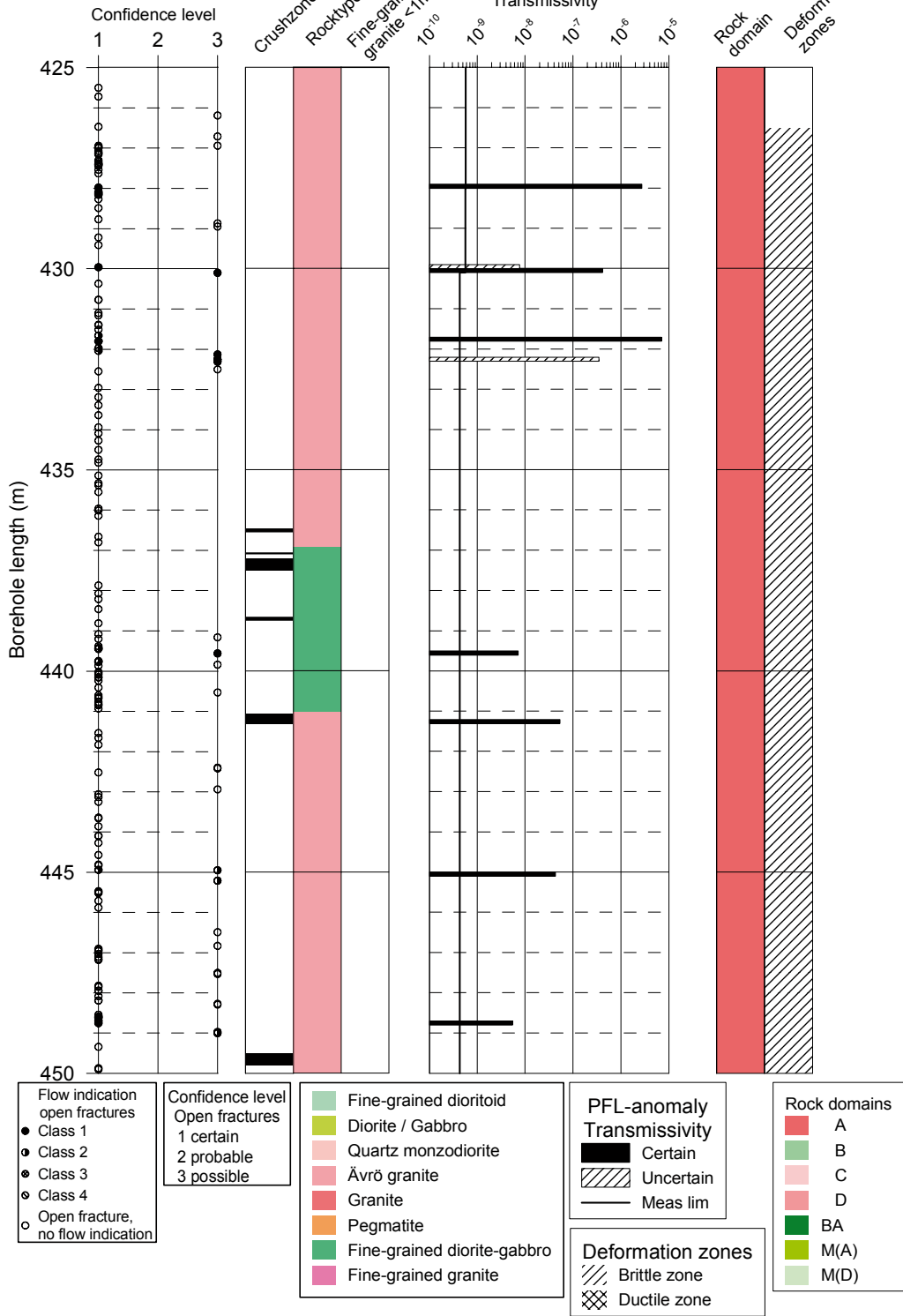
PFL



KAV01

Boremap

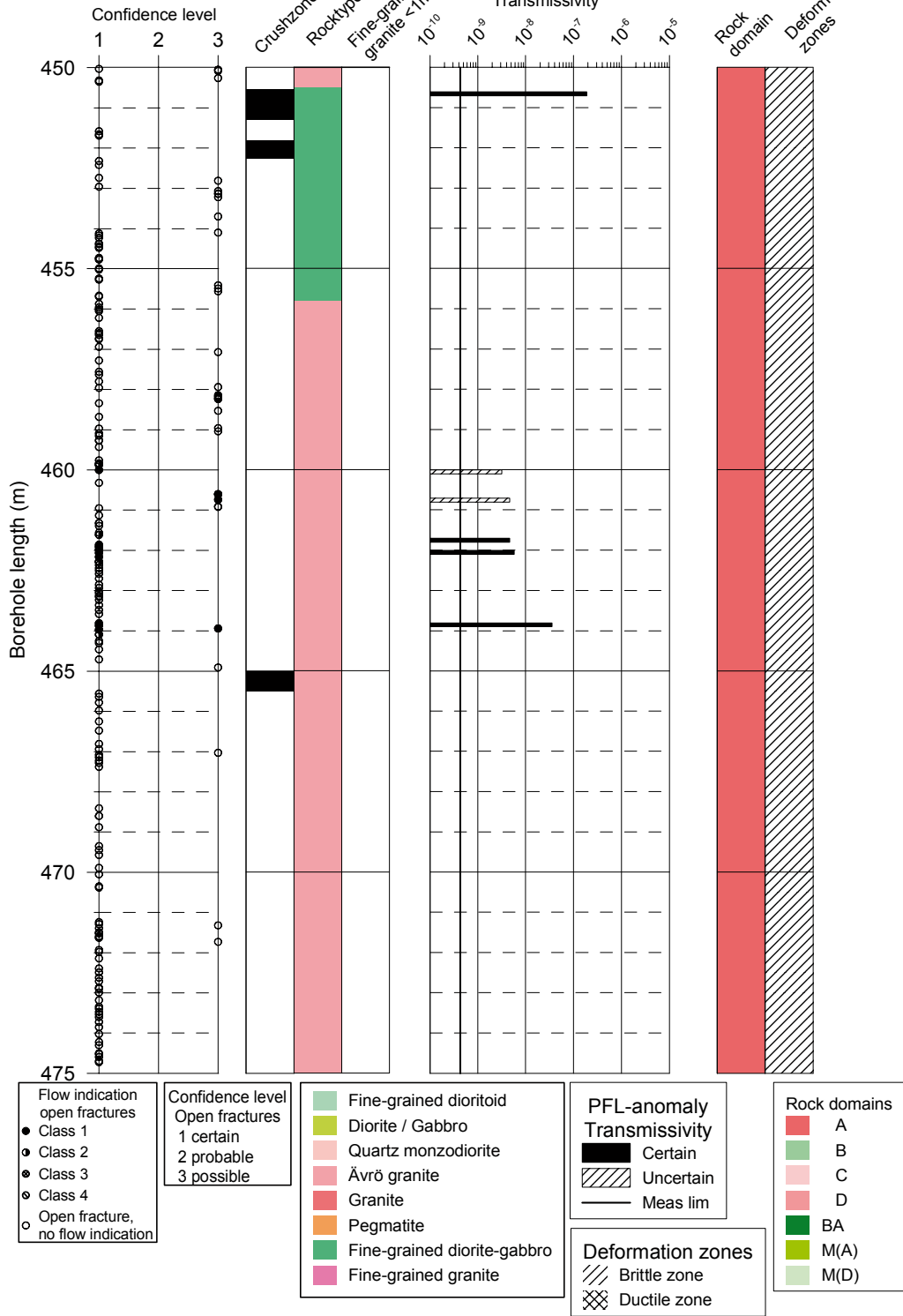
PFL



KAV01

Boremap

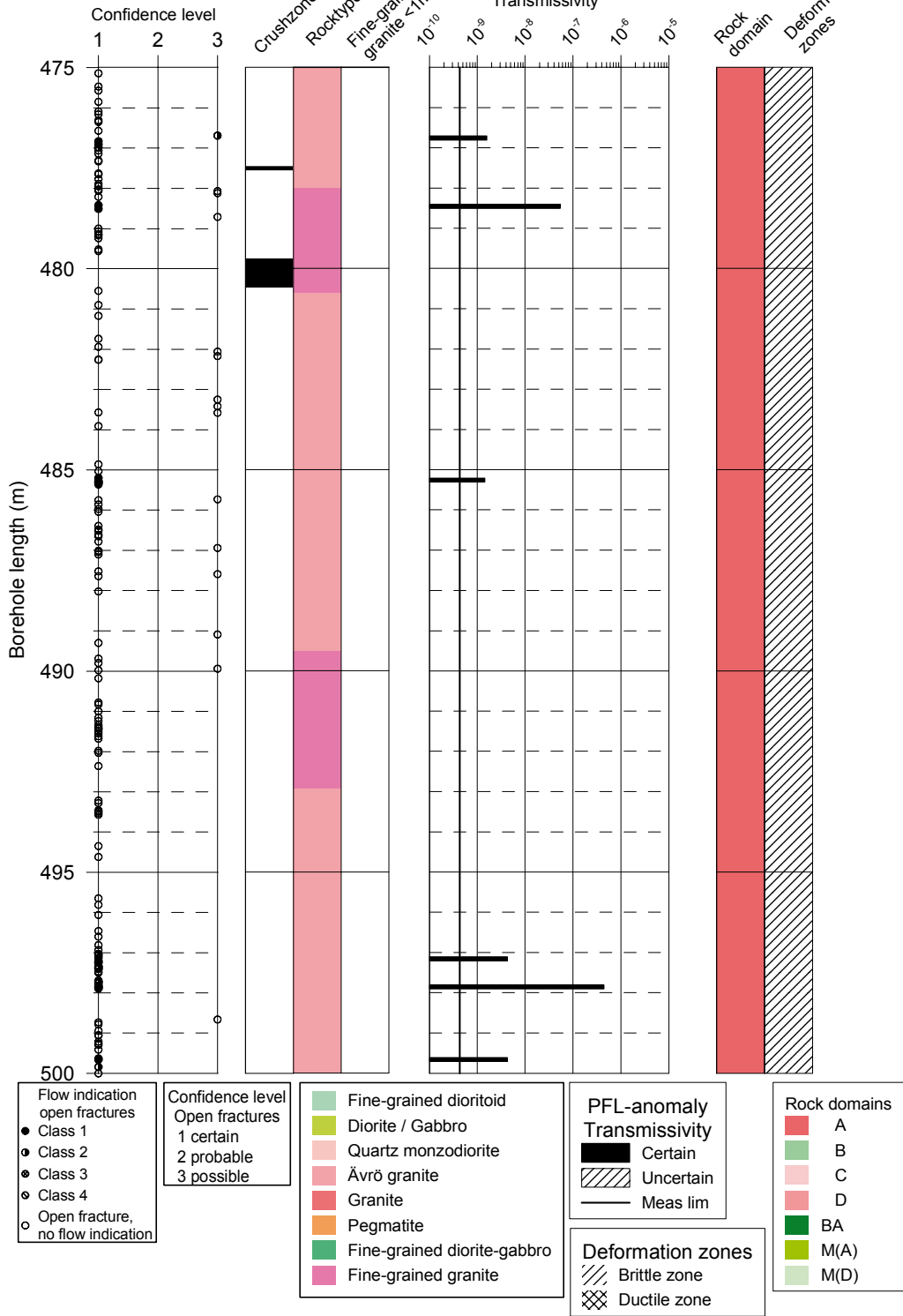
PFL



KAV01

Boremap

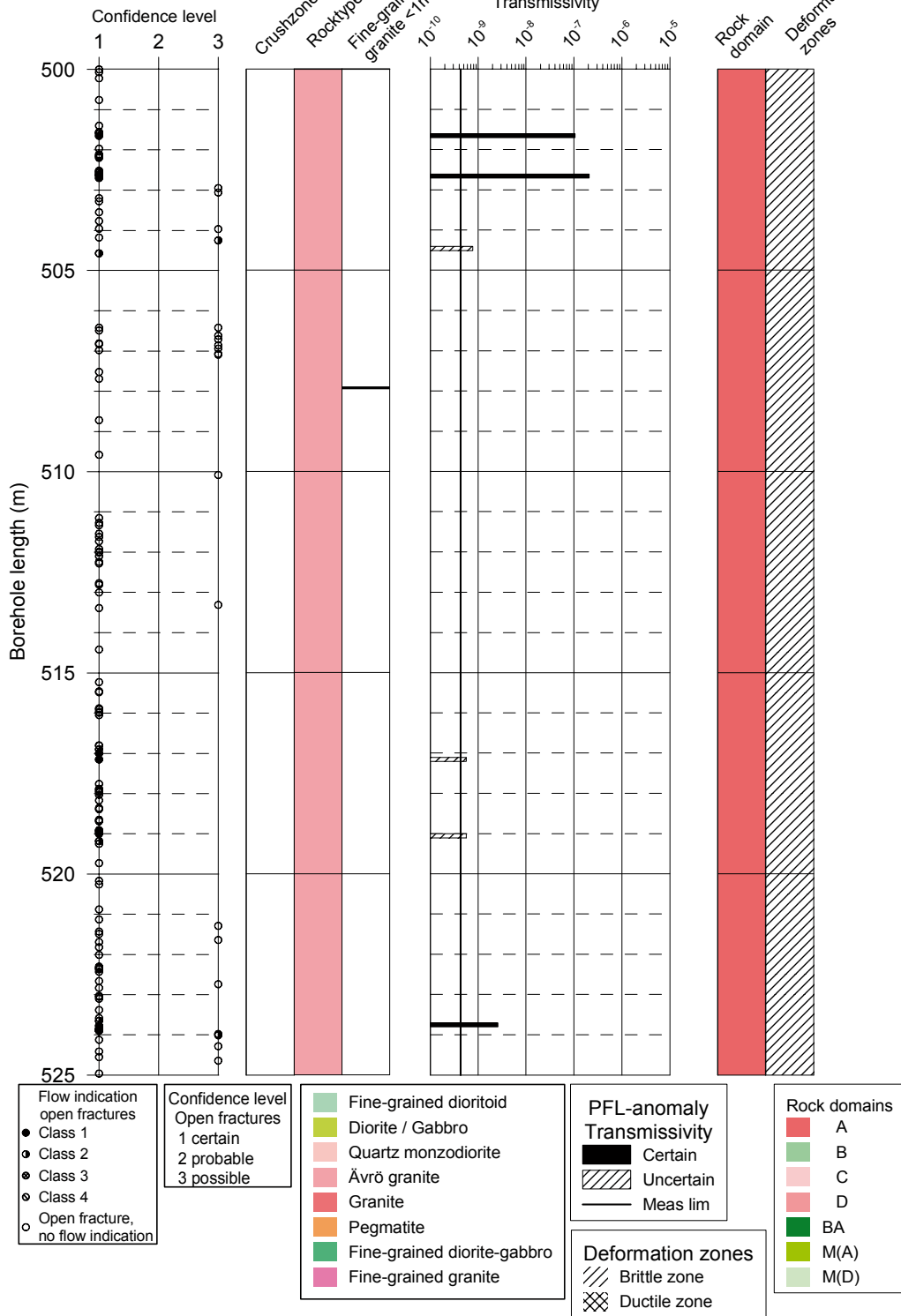
PFL



KAV01

Boremap

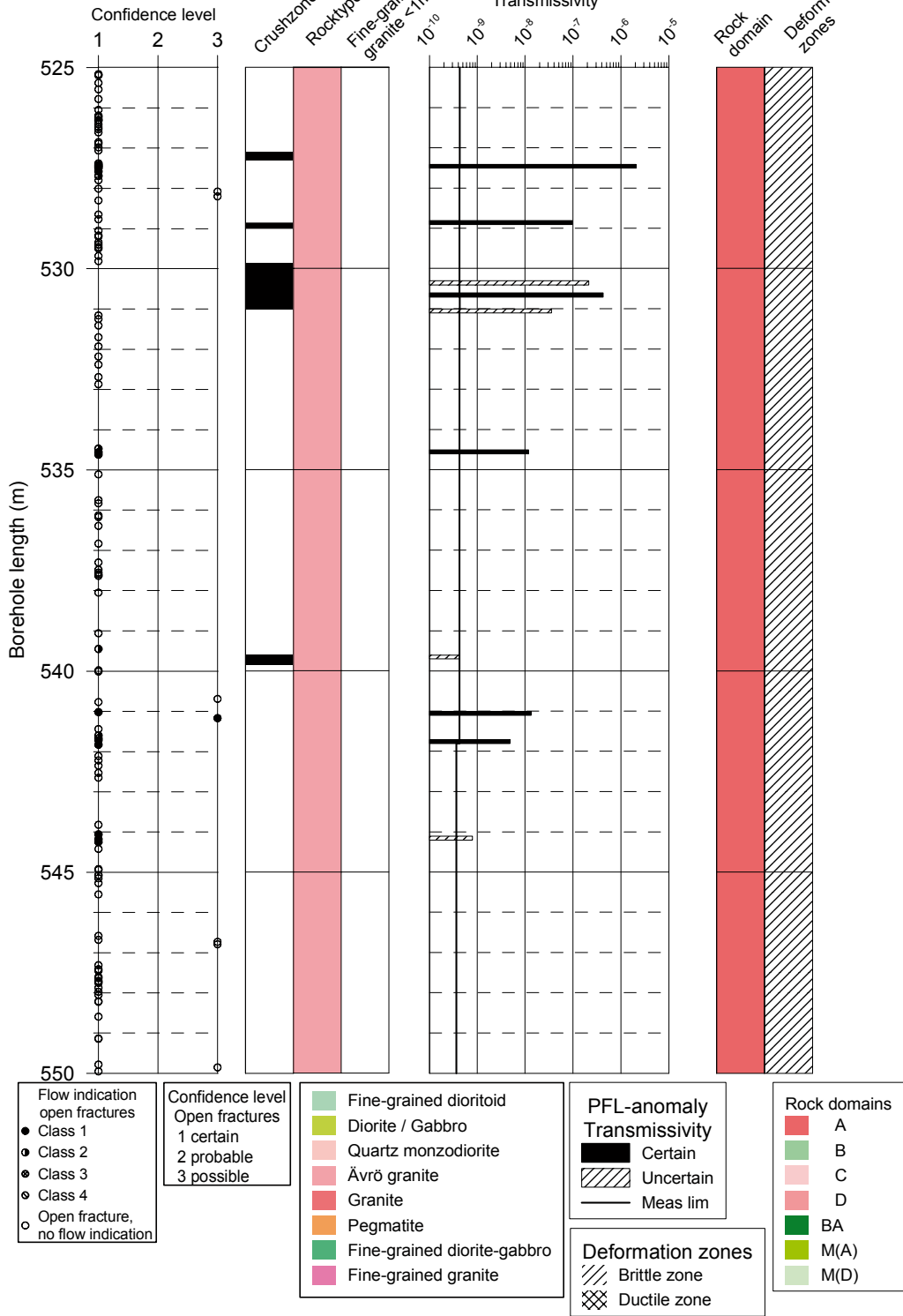
PFL



KAV01

Boremap

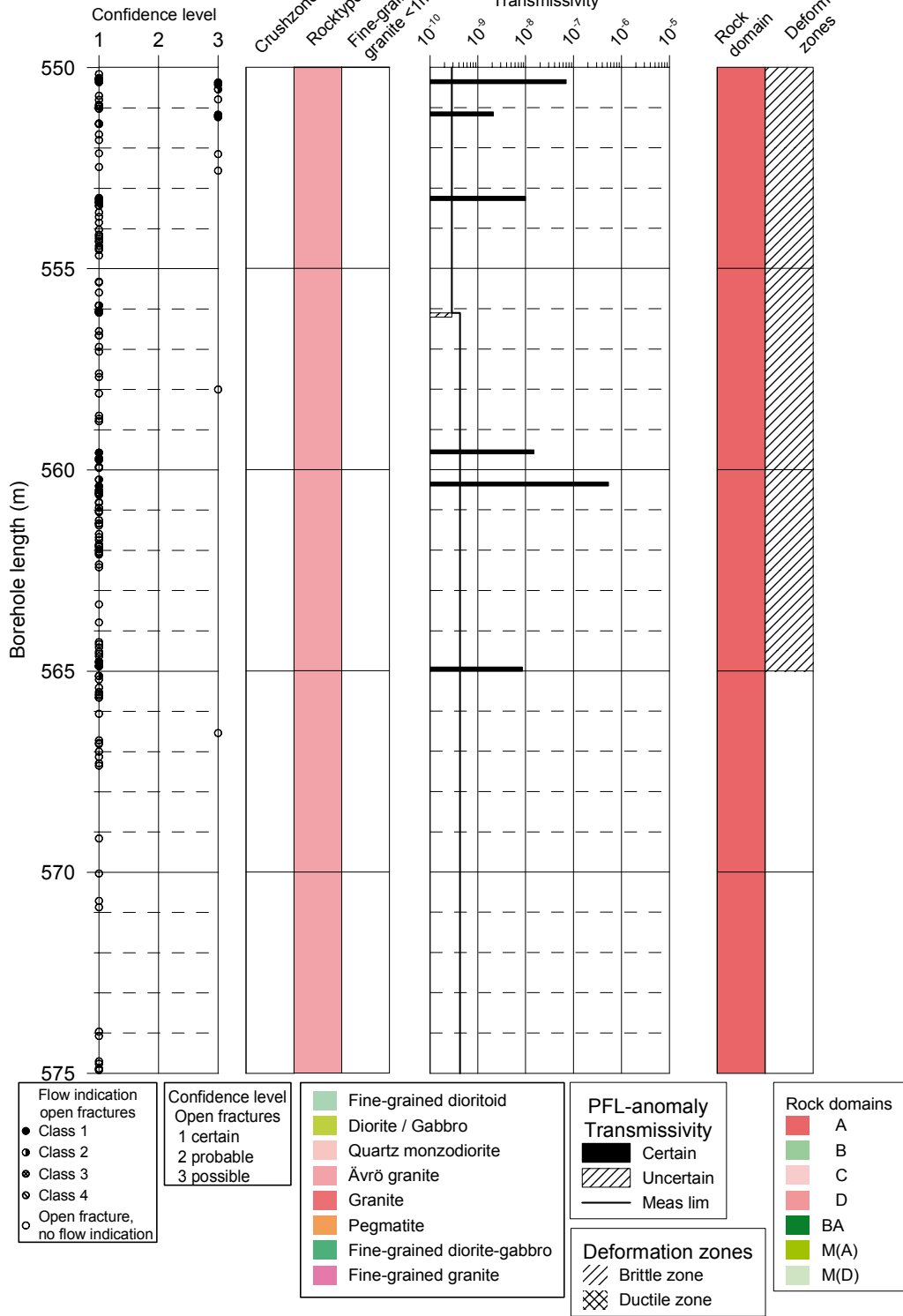
PFL



KAV01

Boremap

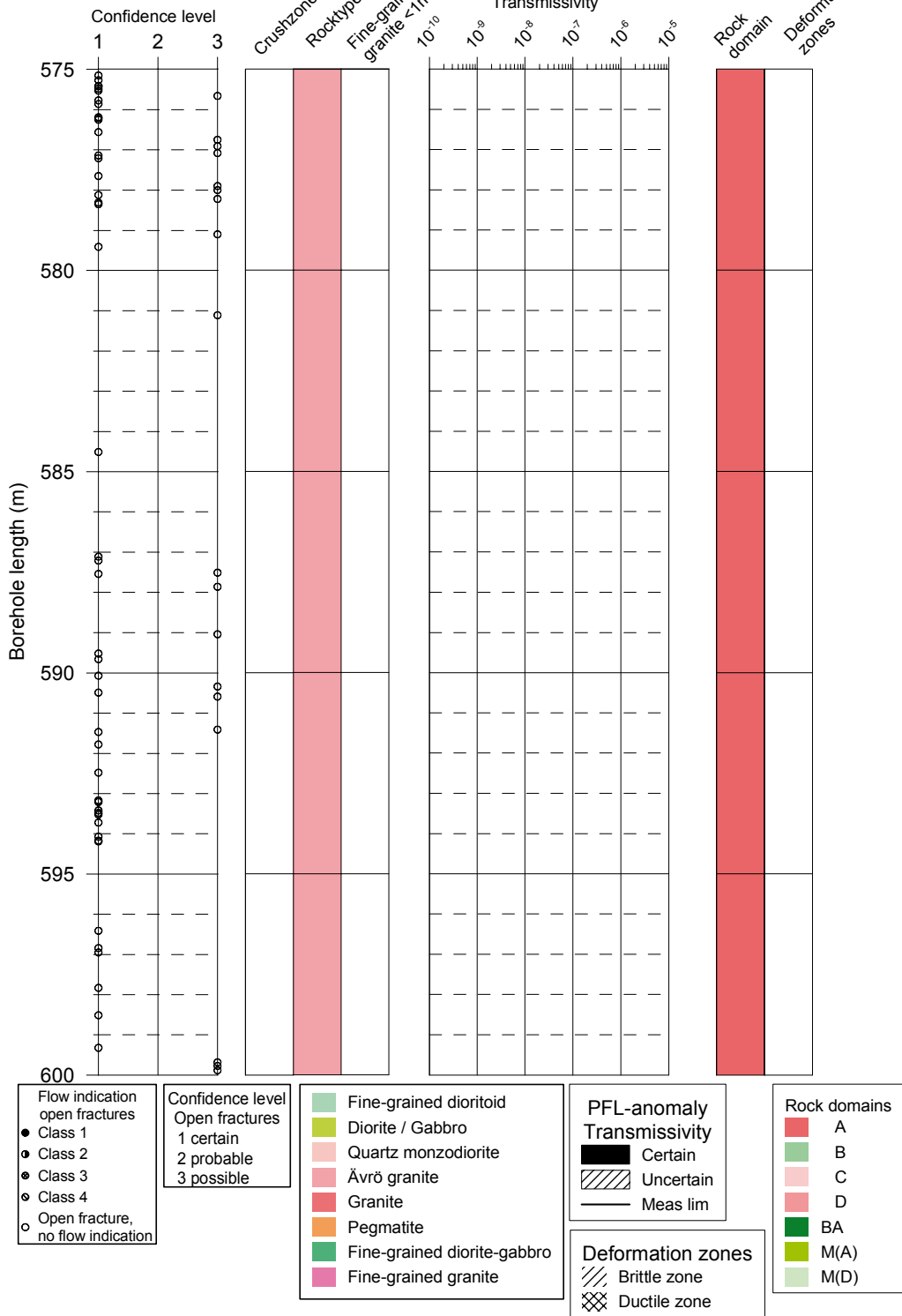
PFL

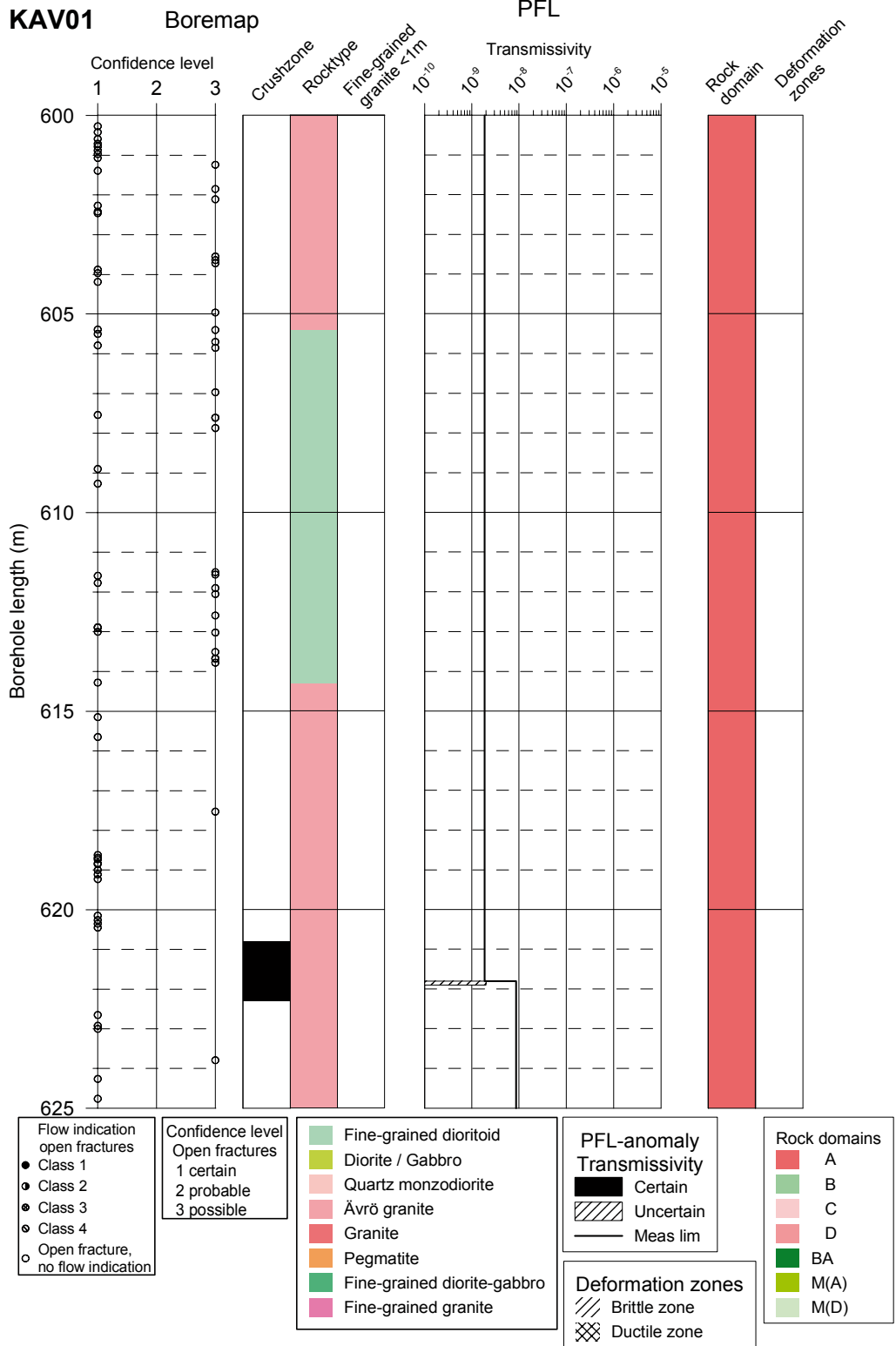


KAV01

Boremap

PFL

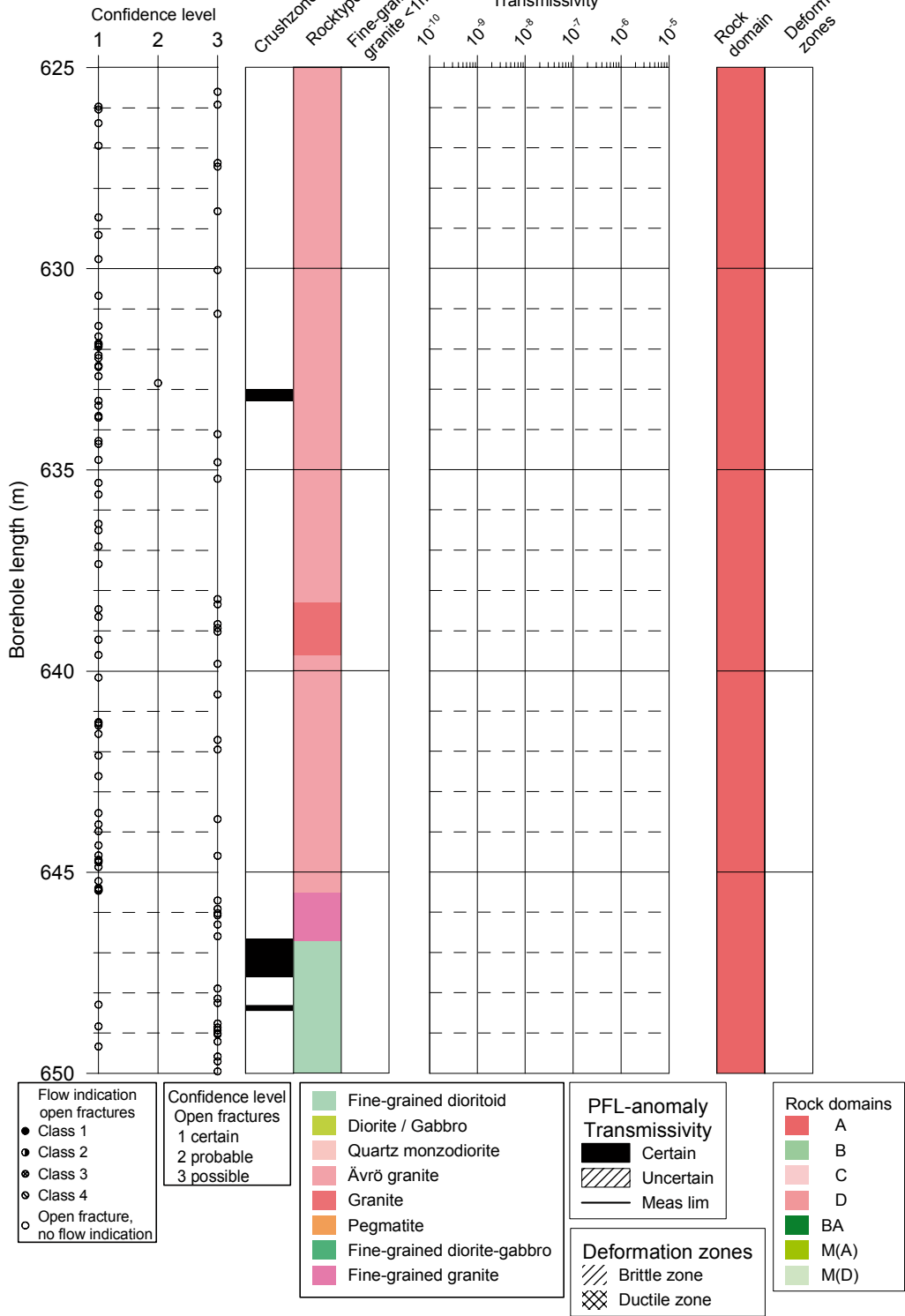




KAV01

Boremap

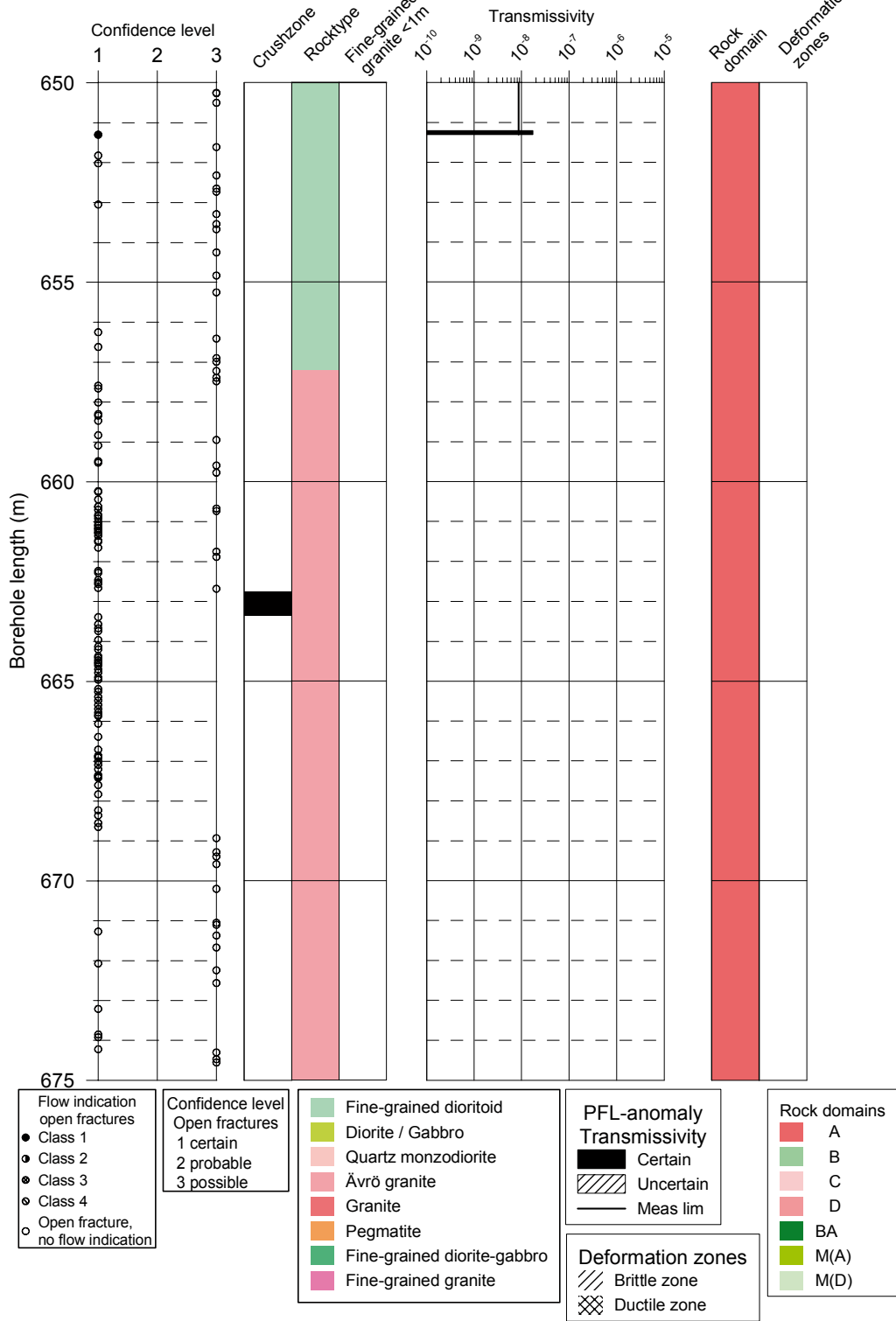
PFL



KAV01

Boremap

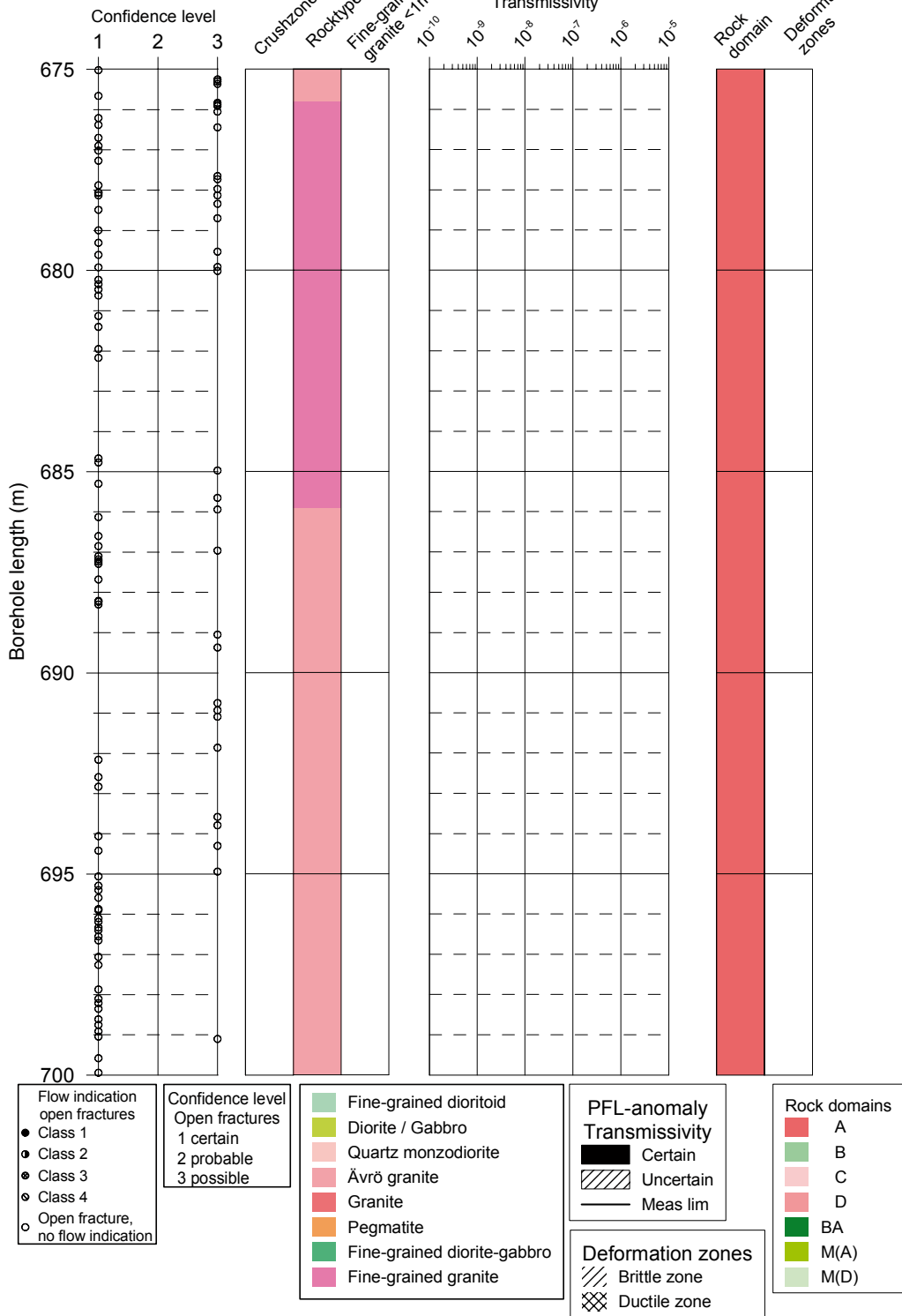
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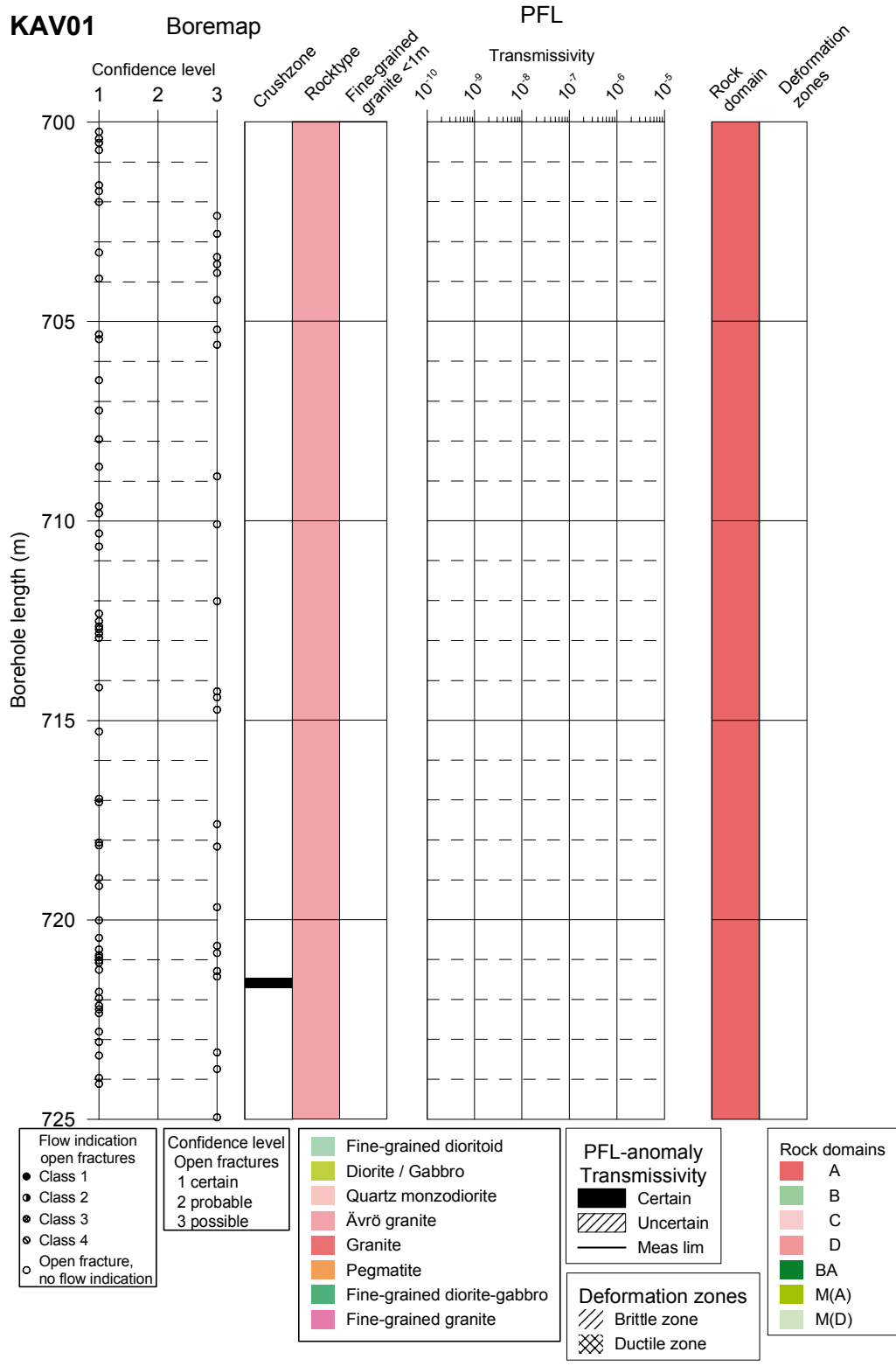


KAV01

Boremap

PFL





KAV01

Boremap

PFL

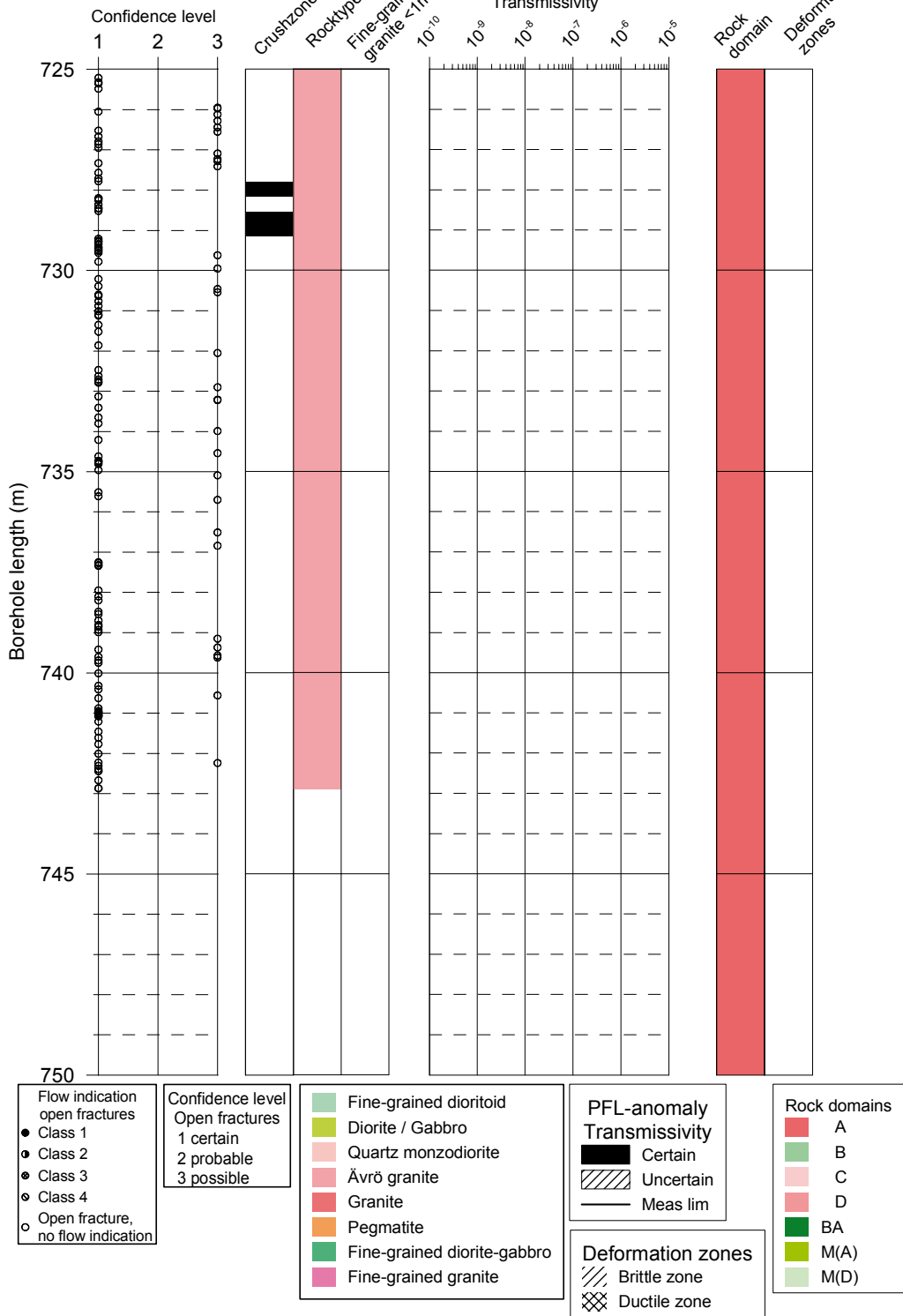


Table A3-1. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
1	Bh-length (m) = 70.10 T (m ² /s) = 5.69E-7 PFL confidence= Uncertain	Adjusted secup (m) = 70.13 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
2	Bh-length (m) = 72.10 T (m ² /s) = 2.77E-9 PFL confidence= Uncertain	Adjusted secup (m) = 72.14 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-2. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
3	Bh-length (m) = 73.10 T (m ² /s) = 4.16E-8 PFL confidence= Uncertain	Adjusted secup (m) =73.11 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-3. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
4a	Bh-length (m) = 73.90 T (m ² /s) = 5.14E-8 PFL confidence= Uncertain	Adjusted secup (m) = 73.73 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
4b		Adjusted secup (m) = 73.90 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
4c		Adjusted secup (m) = 74.11 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A3-4. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
5a	Bh-length (m) = 74.90 T (m ² /s) = 3.38E-7 PFL confidence= Certain	Adjusted secup (m) =75.01 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-5. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
6a	Bh-length (m) = 76.10 T (m ² /s) = 6.57E-7 PFL confidence= Certain	Adjusted secup (m) =76.28 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
6b		Adjusted secup (m) =76.28 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A3-6. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
7a	Bh-length (m) = 77.00 T (m ² /s) = 4.02E-8 PFL confidence= Certain	Adjusted secup (m) =76.92 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
7b		Adjusted secup (m) =76.95 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
7c		Adjusted secup (m) =76.98 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
7d		Adjusted secup (m) =77.04 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-7. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
8a	Bh-length (m) = 77.90 T (m ² /s) = 3.61E-8 PFL confidence= Certain	Adjusted secup (m) =77.61 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
8b		Adjusted secup (m) =77.89 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
8c		Adjusted secup (m) =77.93 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
8d		Adjusted secup (m) =77.99 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
8e		Adjusted secup (m) =78.07 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A3-8. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
9a	Bh-length (m) = 79.10 T (m ² /s) = 9.43E-8 PFL confidence= Certain	Adjusted secup (m) =78.93 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
9b		Adjusted secup (m) =78.98 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
9c		Adjusted secup (m) =79.02 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
9d		Adjusted secup (m) =79.12 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A3-9. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
10	Bh-length (m) = 79.60	Adjusted secup (m) = 79.57	
	T (m ² /s) = 4.58E-6	Adjusted seclow (m) = 79.83	
	PFL confidence= Certain	Fract_interpret / Varcod= Crush zone	
		PFL-anom. confidence= 1	

Table A3-10. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
11a	Bh-length (m) = 80.30 T (m ² /s) = 5.13E-9 PFL confidence= Certain	Adjusted secup (m) =80.31 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
11b		Adjusted secup (m) =80.37 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
11c		Adjusted secup (m) =80.46 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2 Same fracture as 12a	

Table A3-11. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
12a	Bh-length (m) = 80.60 T (m ² /s) = 1.19E-9 PFL confidence= Certain	Adjusted secup (m) =80.46 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2 Same fracture as 11c	<p>The BIPS image displays a vertical cross-section of a borehole with depth markers on the left (90.400 to 81.240) and right (279.36, 345.21, 316.78, 1mm). The image shows a complex fracture network. Two black arrows point to specific features: one points to a fracture near 90.480m depth, and another points to a fracture near 90.640m depth. The fracture patterns are more prominent in the upper section (90.400-90.800m) and less so in the lower section (90.800-81.240m).</p>
12b		Adjusted secup (m) =80.62 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-12. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
13	Bh-length (m) = 83.00 T (m ² /s) = 3.74E-9 PFL confidence= Certain	Adjusted secup (m) =82.75 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 3	
14a	Bh-length (m) = 83.50 T (m ² /s) = 5.16E-7 PFL confidence= Certain	Adjusted secup (m) =83.49 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
14b		Adjusted secup (m) =83.59 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-13 KAV01. Interpretation of PFL measurements and BOREMAP data

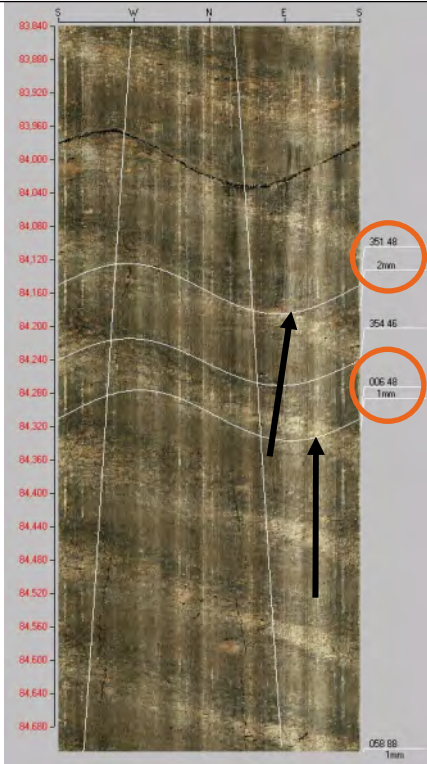
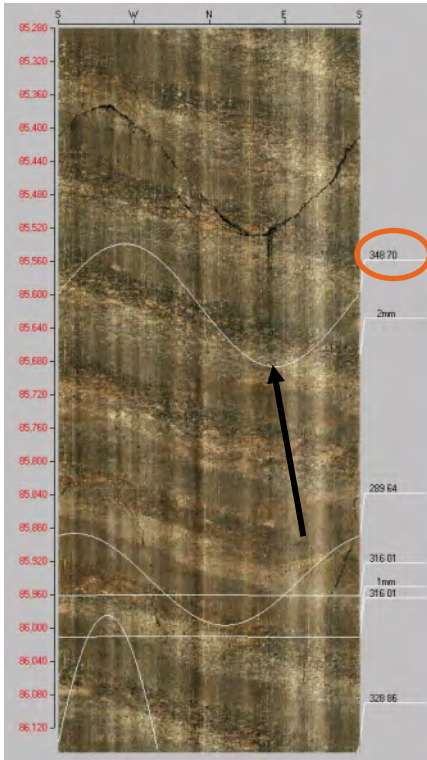
PFL anom. No	PFL anom data	Boremap data	BIPS Image
15a	Bh-length (m) = 84.20 T (m ² /s) = 1.47E-7 PFL confidence= Certain	Adjusted secup (m) =84.16 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
15b		Adjusted secup (m) =84.31 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
16	Bh-length (m) = 85.70 T (m ² /s) = 1.55E-8 PFL confidence= Certain	Adjusted secup (m) =85.61 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-14. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
17	Bh-length (m) = 89.40	Adjusted secup (m) =89.39	
	T (m ² /s) = 6.94E-10	Fract_interpret / Varcode= open fr.	
	PFL confidence= Uncertain	Frac.interp. confidence= Certain	
		PFL-anom. confidence= 1	

Table A3-15. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
18a	Bh-length (m) = 97.30 T (m ² /s) = 6.80E-9 PFL confidence= Certain	Adjusted secup (m) =97.27 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
18b		Adjusted secup (m) =97.29 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
18c		Adjusted secup (m) =97.61 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-16. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
19	<p>Bh-length (m) = 103.6</p> <p>T (m²/s) = 8.33E-10</p> <p>PFL confidence= Certain</p>	<p>Adjusted secup (m) =103.54</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 1</p>	
20	<p>Bh-length (m) = 106.90</p> <p>T (m²/s) = 6.10E-10</p> <p>PFL confidence= Uncertain</p>	<p>Adjusted secup (m) =106.91</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 1</p>	

Table A3-17. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
21a	Bh-length (m) = 110.20 T (m ² /s) = 3.33E-9 PFL confidence= Certain	Adjusted secup (m) = 110.01 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
21b		Adjusted secup (m) = 110.15 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-18. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
22a	Bh-length (m) = 110.80 T (m ² /s) = 5.83E-9 PFL confidence= Certain	Adjusted secup (m) =110.67 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
22b		Adjusted secup (m) =110.71 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
22c		Adjusted secup (m) =110.78 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
22d		Adjusted secup (m) =110.78 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
22e		Adjusted secup (m) =110.82 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-19. KSH01. Interpretation of PFL measurements and BOREMAP data

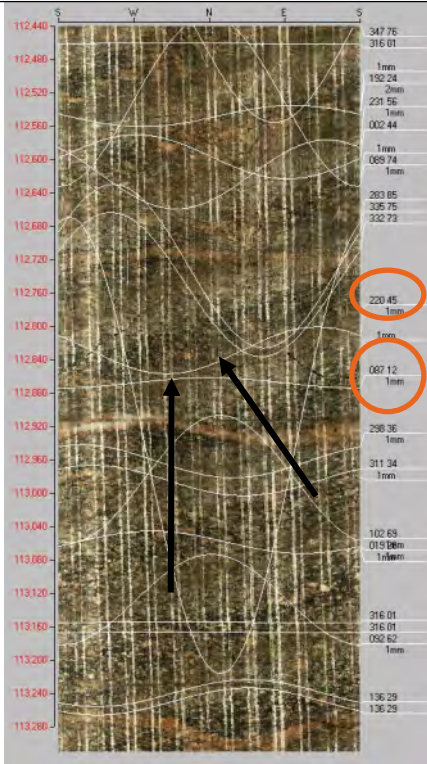
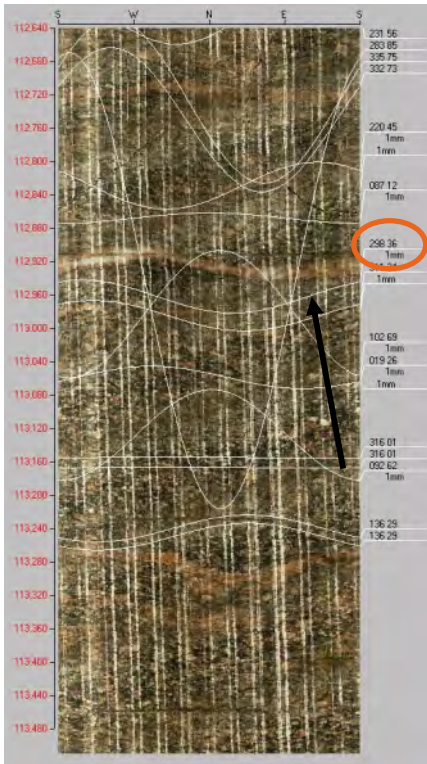
PFL anom. No	PFL anom data	Boremap data	BIPS Image
23a	Bh-length (m) = 112.70 T (m ² /s) = 3.19E-9 PFL confidence= Certain	Adjusted secup (m) = 112.83 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
23b		Adjusted secup (m) = 112.87 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
24	Bh-length (m) = 113.20 T (m ² /s) = 8.31E-10 PFL confidence= Uncertain	Adjusted secup (m) = 112.96 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 3	

Table A3-20. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
25	Bh-length (m) = 116.00 $T (m^2/s) = 6.40E-9$ PFL confidence= Certain	Adjusted secup (m) = 116.02 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
26	Bh-length (m) = 116.90 $T (m^2/s) = 1.53E-9$ PFL confidence= Uncertain	Adjusted secup (m) = 117.21 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 4	

Table A3-21. KSH01. Interpretation of PFL measurements and BOREMAP data

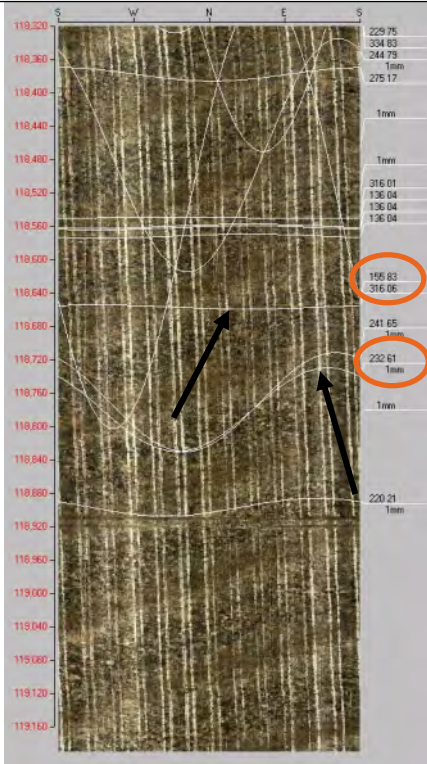

PFL anom. No	PFL anom data	Boremap data	BIPS Image
27a	Bh-length (m) = 118.70 T (m ² /s) = 2.31E-8 PFL confidence= Certain	Adjusted secup (m) = 118.66 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
27b		Adjusted secup (m) = 118.78 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
28	Bh-length (m) = 119.60 T (m ² /s) = 4.18E-10 PFL confidence= Uncertain	Adjusted secup (m) = 120.89 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 13	

Table A3-22. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
29a	Bh-length (m) = 126.60 T (m ² /s) = 2.36E-8 PFL confidence= Certain	Adjusted secup (m) =126.48 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
29b		Adjusted secup (m) =126.74 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
30	Bh-length (m) = 127.10 T (m ² /s) = 3.22E-8 PFL confidence= Certain	Adjusted secup (m) =127.00 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-23. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
31a	Bh-length (m) = 127.50 T (m ² /s) = 2.47E-7 PFL confidence= Certain	Adjusted secup (m) = 127.47 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
31b		Adjusted secup (m) = 127.47 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A3-24. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
32a	Bh-length (m) = 128.60 T (m ² /s) = 5.98E-9 PFL confidence= Certain	Adjusted secup (m) =128.49 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
32b		Adjusted secup (m) =128.62 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
32c		Adjusted secup (m) =128.74 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	

Table A3-25. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
33a	Bh-length (m) = 134.40 T (m ² /s) = 2.42E-7 PFL confidence= Certain	Adjusted secup (m) =134.37 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
33b		Adjusted secup (m) =134.38 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
33c		Adjusted secup (m) =134.39 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
33d		Adjusted secup (m) =134.57 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	

Table A3-26. KAV01. Interpretation of PFL measurements and BOREMAP data

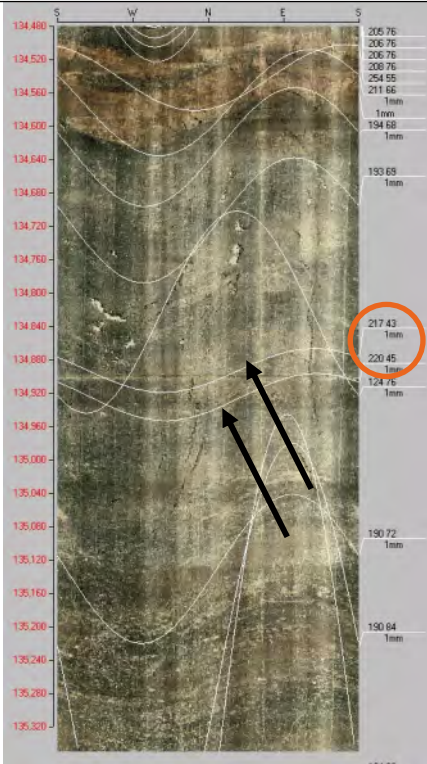
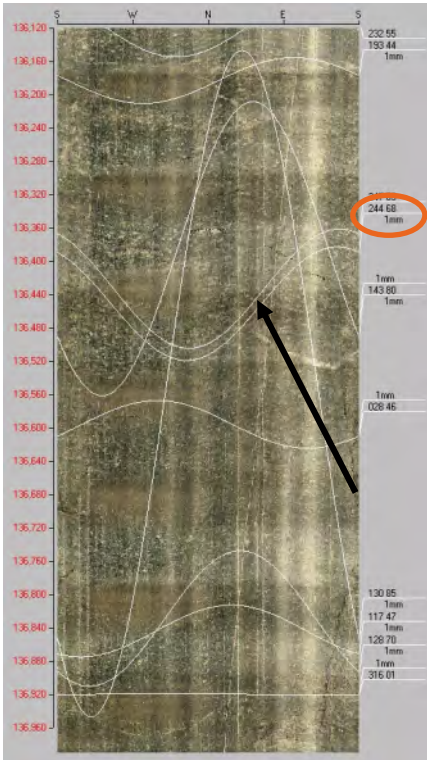
PFL anom. No	PFL anom data	Boremap data	BIPS Image
34a	Bh-length (m) = 135.00 T (m ² /s) = 5.56E-9 PFL confidence= Uncertain	Adjusted secup (m) =134.89 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
34b		Adjusted secup (m) = Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
35	Bh-length (m) = 136.50 T (m ² /s) = 1.59E-7 PFL confidence= Certain	Adjusted secup (m) =136.45 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A3-27 KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
36	Bh-length (m) = 137.60 T (m ² /s) = 2.03E-6 PFL confidence= Certain	Adjusted secup (m) = 137.5 Adjusted seclow (m) = 137.8 Fract_interpret / Varcode= Crush zone PFL-anom. confidence= 1	
37	Bh-length (m) = 138.10 T (m ² /s) = 1.03E-7 PFL confidence= Certain	Adjusted secup (m) = 138.04 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-28. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
38	Bh-length (m) = 138.70 T (m ² /s) = 4.03E-9 PFL confidence= Uncertain	Adjusted secup (m) =138.62 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
39	Bh-length (m) = 141.9 T (m ² /s) = 3.33E-9 PFL confidence= Certain	Adjusted secup (m) =141.84 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-29. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
40a	Bh-length (m) = 145.80 T (m ² /s) = 5.57E-10 PFL confidence= Uncertain	Adjusted secup (m) = 145.76 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
40b		Adjusted secup (m) = 145.97 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
41	Bh-length (m) = 147.20 T (m ² /s) = 1.25E-9 PFL confidence= Certain	Adjusted secup (m) = 147.14 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-30. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
42a	Bh-length (m) = 149.10 T (m ² /s) = 6.96E-10 PFL confidence= Uncertain	Adjusted secup (m) =149.18 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
42b		Adjusted secup (m) =149.25 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A3-31. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
43a	Bh-length (m) = 155.90 T (m ² /s) = 1.28E-8 PFL confidence= Certain	Adjusted secup (m) =155.78 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
43b		Adjusted secup (m) =155.88 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
43c		Adjusted secup (m) =155.94 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
43d		Adjusted secup (m) =155.95 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
43e		Adjusted secup (m) =156.97 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-32. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
44a	Bh-length (m) = 156.80 T (m ² /s) = 1.67E-8 PFL confidence= Certain	Adjusted secup (m) =156.67 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
44b		Adjusted secup (m) =156.70 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
44c		Adjusted secup (m) =156.81 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
44d		Adjusted secup (m) =156.85 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
44e		Adjusted secup (m) =156.93 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

44f

Adjusted secup (m)
=157.00

Fract_interpret / Varcodes=
open fr.

Frac.interp. confidence=
Possible

PFL-anom. confidence=
2

Table A3-33 KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
45	<p>Bh-length (m) = 158.20</p> <p>$T (m^2/s) = 4.18E-10$</p> <p>PFL confidence= Uncertain</p>	<p>Adjusted secup (m) =158.13</p> <p>Fract_interpret / Varcode= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 1</p>	
46a	<p>Bh-length (m) = 158.70</p> <p>$T (m^2/s) = 2.93E-9$</p> <p>PFL confidence= Certain</p>	<p>Adjusted secup (m) =158.73</p> <p>Fract_interpret / Varcode= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 1</p>	
46b		<p>Adjusted secup (m) =158.90</p> <p>Fract_interpret / Varcode= open fr.</p> <p>Frac.interp. confidence= Possible</p> <p>PFL-anom. confidence= 2</p>	

Table A3-34. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
47	Bh-length (m) = 161.00 T (m ² /s) = 6.13E-10 PFL confidence= Uncertain	Adjusted secup (m) = 161.65 Fract_interpret / Varcodes= sealed fr. Frac.interp. confidence= Certain PFL-anom. confidence= 0 Frac_mapped= Broken	
48a	Bh-length (m) = 165.30 T (m ² /s) = 5.02E-9 PFL confidence= Certain	Adjusted secup (m) = 165.18 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
48b		Adjusted secup (m) = 165.27 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
48c		Adjusted secup (m) = 165.44 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2 Same fracture as 49a	

Table A3-35. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
49	Bh-length (m) = 165.60 T (m ² /s) = 1.81E-9 PFL confidence= Uncertain	Adjusted secup (m) = 165.44 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2 Same fracture as 48c	
50	Bh-length (m) = 168.20 T (m ² /s) = 2.37E-9 PFL confidence= Certain	Adjusted secup (m) = Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-36. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
51a	<p>Bh-length (m) = 169.10</p> <p>$T (m^2/s) = 3.62E-8$</p> <p>PFL confidence= Certain</p>	<p>Adjusted secup (m) = 168.92</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 2</p>	
51b		<p>Adjusted secup (m) = 169.04</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 1</p>	
51c		<p>Adjusted secup (m) = 169.06</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 1</p>	
52	<p>Bh-length (m) = 169.3</p> <p>$T (m^2/s) = 5.28E-9$</p> <p>PFL confidence= Uncertain</p>	<p>Adjusted secup (m) = 148.37</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Possible</p> <p>PFL-anom. confidence= 1</p>	

Table A3-37. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
53a	Bh-length (m) = 171.10 T (m ² /s) = 1.81E-8 PFL confidence= Certain	Adjusted secup (m) =171.10 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
53b		Adjusted secup (m) =171.15 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
53c		Adjusted secup (m) =171.27 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
53d		Adjusted secup (m) =171.46 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-38. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
54	Bh-length (m) = 172.00 T (m ² /s) = 2.14E-8 PFL confidence= Certain	Adjusted secup (m) = 172.18 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A3-39. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
55a	Bh-length (m) = 173.10 T (m ² /s) = 4.73E-8 PFL confidence= Certain	Adjusted secup (m) =172.99 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
55b		Adjusted secup (m) =173.00 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
55c		Adjusted secup (m) =173.01 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
55d		Adjusted secup (m) =173.06 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-40. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
56a	Bh-length (m) = 174.40 T (m ² /s) = 1.87E-8 PFL confidence= Certain	Adjusted secup (m) =174.43 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
56b		Adjusted secup (m) =174.45 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
57a	Bh-length (m) = 175.10 T (m ² /s) = 4.17E-8 PFL confidence= Certain	Adjusted secup (m) =174.98 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
57b		Adjusted secup (m) =175.23 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
57c		Adjusted secup (m) =175.35 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-41. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
58a	Bh-length (m) = 176.20 T (m ² /s) = 9.91E-8 PFL confidence= Certain	Adjusted secup (m) =176.09 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
58b		Adjusted secup (m) =176.16 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-42. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
59a	Bh-length (m) = 177.50 T (m ² /s) = 1.12E-9 PFL confidence= Uncertain	Adjusted secup (m) =177.34 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
59b		Adjusted secup (m) =177.36 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
59c		Adjusted secup (m) =177.45 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
59d		Adjusted secup (m) =177.51 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
59e		Adjusted secup (m) =177.69 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A3-43. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
60a	Bh-length (m) = 178.10 T (m ² /s) = 7.47E-8 PFL confidence= Certain	Adjusted secup (m) =178.06 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
60b		Adjusted secup (m) =178.09 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-44. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
61a	Bh-length (m) = 183.80 T (m ² /s) = 2.09E-9 PFL confidence= Certain	Adjusted secup (m) =183.67 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
61b		Adjusted secup (m) =183.75 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
61c		Adjusted secup (m) =183.83 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
61d		Adjusted secup (m) =183.87 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
61e		Adjusted secup (m) =183.89 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

61f

Adjusted secup (m)
=183.89

Fract_interpret / Varcod= open fr.

Frac.interp. confidence=
Certain

PFL-anom. confidence=
1

Table A3-45. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
62	Bh-length (m) = 185.10 T (m ² /s) = 1.12E-9 PFL confidence= Uncertain	Adjusted secup (m) = 184.7 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 4	
63a	Bh-length (m) = 188.80 T (m ² /s) = 7.59E-7 PFL confidence= Certain	Adjusted secup (m) = 188.73 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
63b		Adjusted secup (m) = 188.74 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-46. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
64	Bh-length (m) = 193.80 T (m ² /s) = 7.00E-8 PFL confidence= Certain	Adjusted secup (m) = 193.73 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
65	Bh-length (m) = 194.40 T (m ² /s) = 3.50E-8 PFL confidence= Certain	Adjusted secup (m) = Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 4	

Table A3-47. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
66a	Bh-length (m) = 195.60 T (m ² /s) = 4.20E-9 PFL confidence= Certain	Adjusted secup (m) =195.32 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
66b		Adjusted secup (m) =195.57 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
66c		Adjusted secup (m) =195.65 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
66d		Adjusted secup (m) =195.67 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
66e		Adjusted secup (m) =195.79 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

66f

Adjusted secup (m)
=195.84

Fract_interpret / Varcod=

open fr.
Certain

PFL-anom. confidence=
1

Frac.interp. confidence=

Table A3-48 KAV01. Interpretation of PFL measurements and BOREMAP data

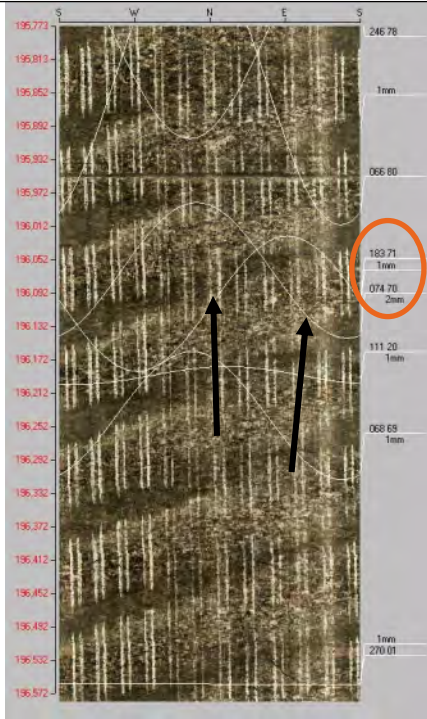
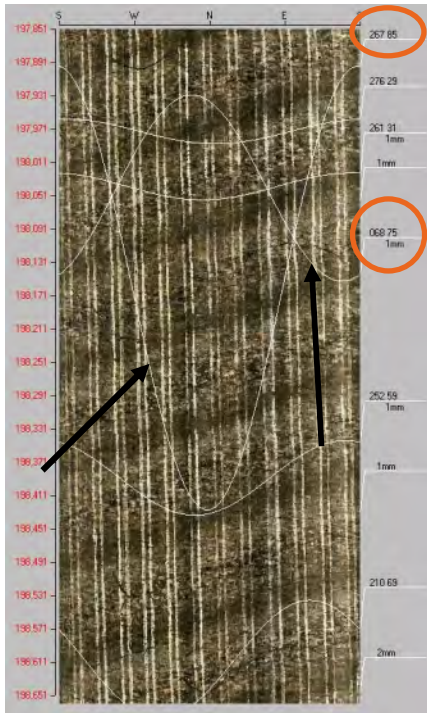
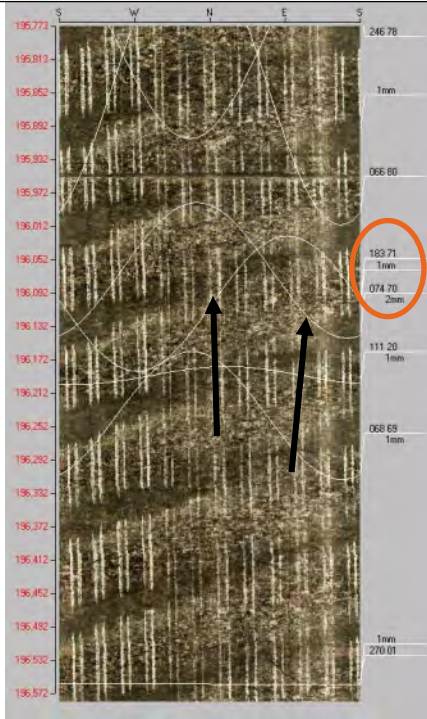
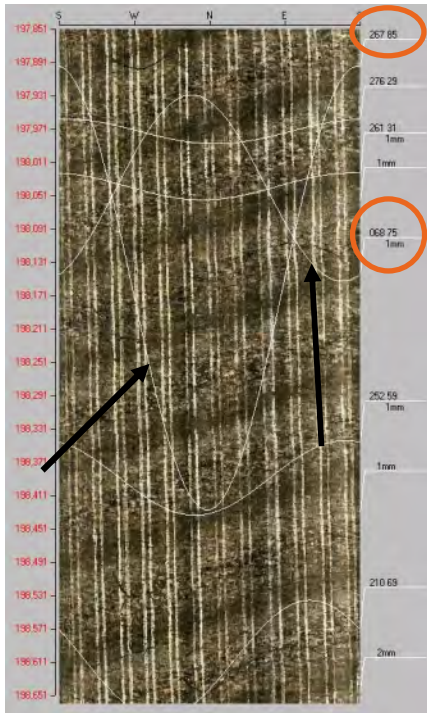
PFL anom. No	PFL anom data	Boremap data	BIPS Image
67a	Bh-length (m) = 196.10 T (m ² /s) = 1.26E-9 PFL confidence= Uncertain	Adjusted secup (m) = 196.07 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
67b		Adjusted secup (m) = 196.11 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
68a	Bh-length (m) = 198.20 T (m ² /s) = 1.40E-9 PFL confidence= Uncertain	Adjusted secup (m) = 198.04 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
68b		Adjusted secup (m) = 198.16 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-49 KAV01. Interpretation of PFL measurements and BOREMAP data

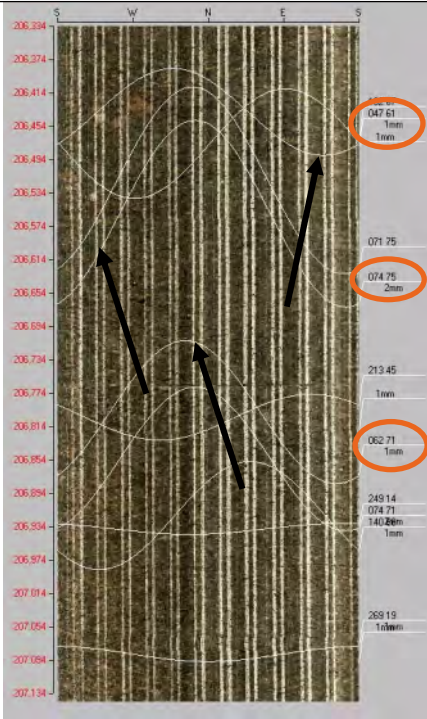
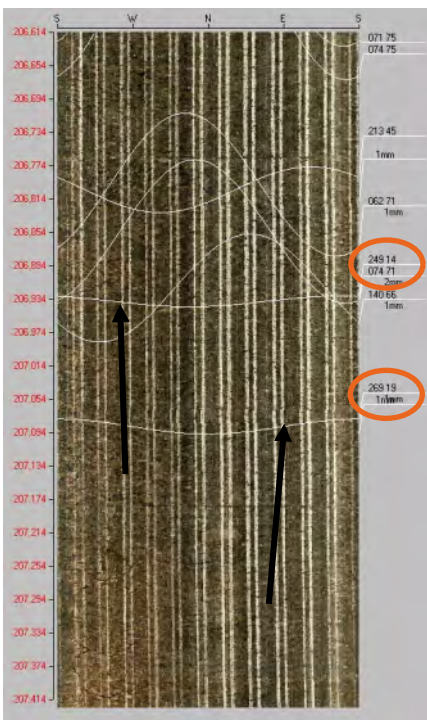
PFL anom. No	PFL anom data	Boremap data	BIPS Image
69a	Bh-length (m) = 206.60 T (m ² /s) = 1.74E-8 PFL confidence= Certain	Adjusted secup (m) =206.44 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
69b		Adjusted secup (m) =206.56 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
69c		Adjusted secup (m) =206.80 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
70a	Bh-length (m) = 207.10 T (m ² /s) = 1.67E-9 PFL confidence= Uncertain	Adjusted secup (m) =206.94 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
70b		Adjusted secup (m) =207.09 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A3-50 KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
71	Bh-length (m) = 209.10 T (m ² /s) = 1.46E-8 PFL confidence= Certain	Adjusted secup (m) =209.05 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
72a	Bh-length (m) = 210.90 T (m ² /s) = 6.71E-9 PFL confidence= Certain	Adjusted secup (m) =210.74 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
72b		Adjusted secup (m) =210.89 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
72c		Adjusted secup (m) =210.95 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-51 KSH01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
73	Bh-length (m) = 211.30	Adjusted secup (m) =211.49	
	T (m ² /s) = 6.16E-9	Fract_interpret / Varcodes= open fr.	
	PFL confidence= Certain	Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A3-52 KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
74a	Bh-length (m) = 211.60 T (m ² /s) = 1.20E-8 PFL confidence= Certain	Adjusted secup (m) =211.56 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
74b		Adjusted secup (m) =211.70 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
74c		Adjusted secup (m) =211.90 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1 Same fracture as 75b and 76b	

Table A3-53. KAV01. Interpretation of PFL measurements and BOREMAP data

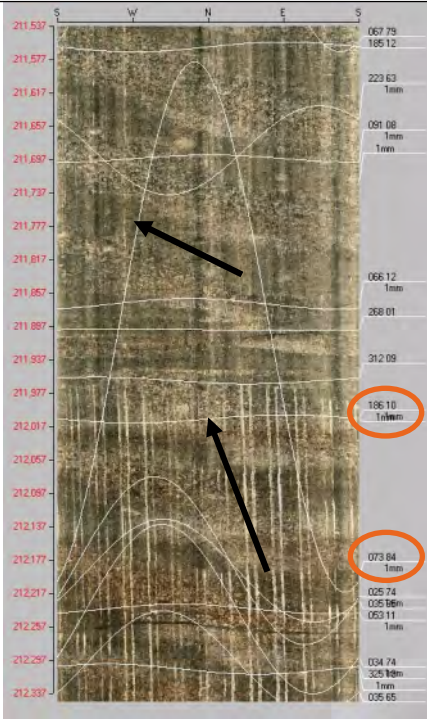
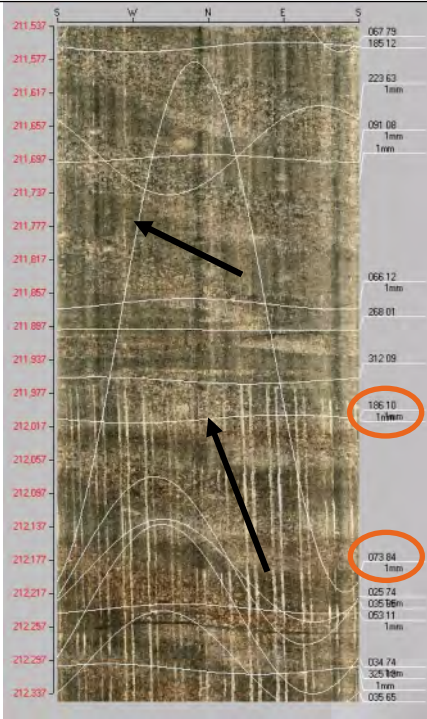
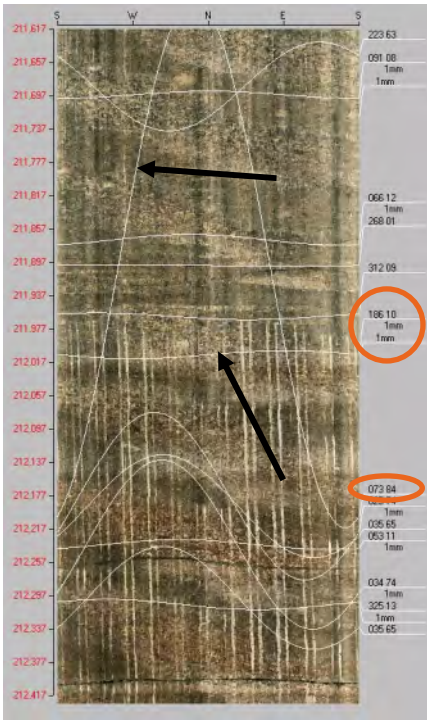
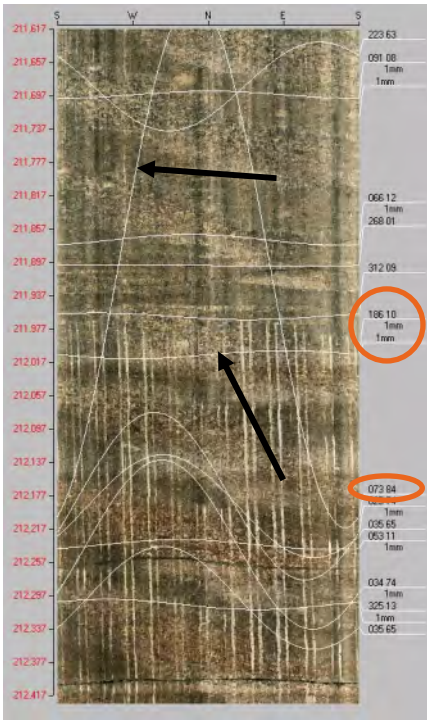
PFL anom. No	PFL anom data	Boremap data	BIPS Image
75a	Bh-length (m) = 211.90 T (m ² /s) = 2.30E-7 PFL confidence= Certain	Adjusted secup (m) =212.01 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
75b		Adjusted secup (m) =211.90 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1 Same fracture as 74c and 76b	
76a	Bh-length (m) = 212.10 T (m ² /s) = 2.44E-7 PFL confidence= Uncertain	Adjusted secup (m) =212.01 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2 Same fracture as 75a	
76b		Adjusted secup (m) =211.90 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1 Same fracture as 74c and 75b	

Table A3-54. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
77a	Bh-length (m) = 213.40 T (m ² /s) = 1.76E-7 PFL confidence= Certain	Adjusted secup (m) =213.26 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
77b		Adjusted secup (m) =213.44 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
78a	Bh-length (m) = 215.10 T (m ² /s) = 6.43E-9 PFL confidence= Uncertain	Adjusted secup (m) =215.06 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
78b		Adjusted secup (m) =215.25 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A3-55. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
79	Bh-length (m) = 216.80	Adjusted secup (m) =217.18	
	T (m ² /s) = 4.89E-7	Fract_interpret / Varcod= open fr.	
	PFL confidence= Certain	Frac.interp. confidence= Certain PFL-anom. confidence= 4	

Table A3-56. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
80a	Bh-length (m) = 218.20 T (m ² /s) = 2.04E-8 PFL confidence= Certain	Adjusted secup (m) = 218.08 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
80b		Adjusted secup (m) = 218.12 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
80c		Adjusted secup (m) = 218.15 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-57. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
81a	Bh-length (m) = 219.60 T (m ² /s) = 2.37E-8 PFL confidence= Certain	Adjusted secup (m) =219.50 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
81b		Adjusted secup (m) =219.61 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
81c		Adjusted secup (m) =219.64 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A3-58. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
82a	Bh-length (m) = 220.20 T (m ² /s) = 3.08E-9 PFL confidence= Certain	Adjusted secup (m) =220.04 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
82b		Adjusted secup (m) =220.09 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
82c		Adjusted secup (m) =220.10 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
82d		Adjusted secup (m) =220.15 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
82e		Adjusted secup (m) =220.24 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

82f

Adjusted secup (m)
=220.27

Fract_interpret / Varcod= open fr.

Frac.interp. confidence= Certain

PFL-anom. confidence= 1

82g

Adjusted secup (m)
=220.29

Fract_interpret / Varcod= open fr.

Frac.interp. confidence= Certain

PFL-anom. confidence= 1

Table A3-59. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
83a	Bh-length (m) = 223.10 T (m ² /s) = 4.05E-9 PFL confidence= Uncertain	Adjusted secup (m) =223.31 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 Same fracture as 84b	
83b		Adjusted secup (m) =223.35 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
84a	Bh-length (m) = 223.50 T (m ² /s) = 2.80E-9 PFL confidence= Certain	Adjusted secup (m) =223.41 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
84b		Adjusted secup (m) =223.31 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 Same fracture as 83a	

Table A3-60. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
85a	Bh-length (m) = 227.30 T (m ² /s) = 2.51E-9 PFL confidence= Certain	Adjusted secup (m) =224.77 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 26	
85b		Adjusted secup (m) =225.39 Fract_interpret / Varcod= sealed fr. Frac.interp. confidence= Certain PFL-anom. confidence= 0	
86	Bh-length (m) = 228.70 T (m ² /s) = 1.54E-8 PFL confidence= Certain	Adjusted secup (m) =229.4 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 7	

Table A3-61. KAV01. Interpretation of PFL measurements and BOREMAP data

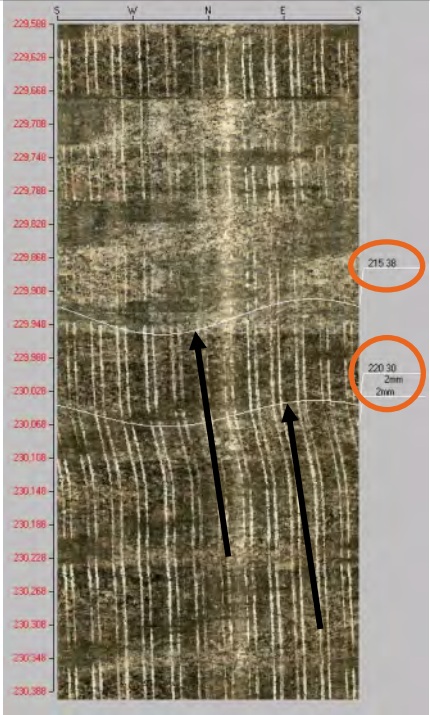
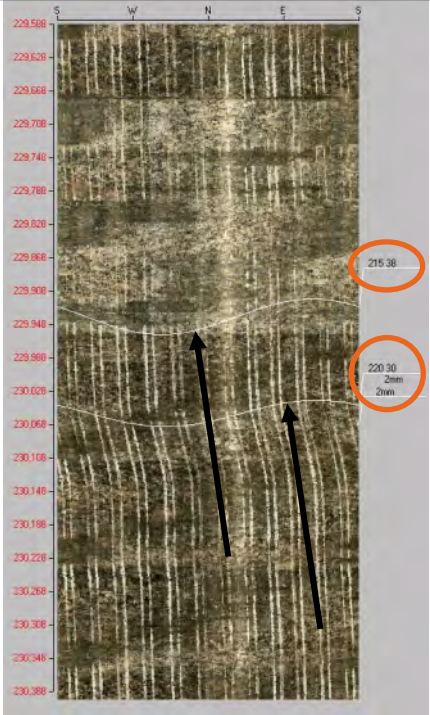
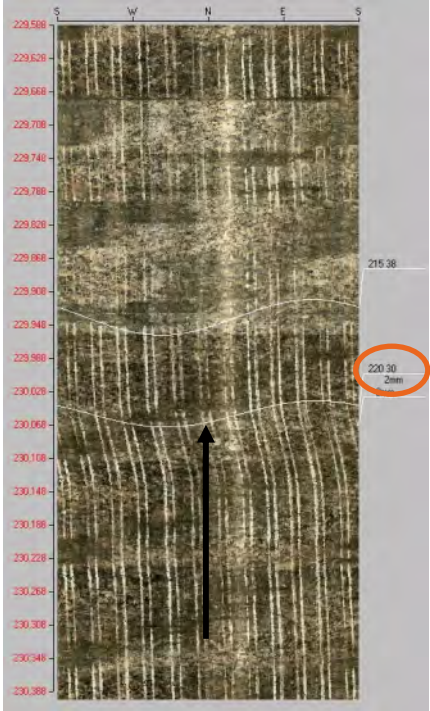
PFL anom. No	PFL anom data	Boremap data	BIPS Image
87a	Bh-length (m) = 229.90 T (m ² /s) = 6.28E-8 PFL confidence= Certain	Adjusted secup (m) =229.94 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
87b		Adjusted secup (m) =230.06 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 Same fracture as 88	
88	Bh-length (m) = 230.20 T (m ² /s) = 1.26E-8 PFL confidence= Uncertain	Adjusted secup (m) =230.06 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 Same fracture as 87b	

Table A3-62. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
89	Bh-length (m) = 233.40 T (m ² /s) = 6.99E-10 PFL confidence= Certain	Adjusted secup (m) =233.52 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
90a	Bh-length (m) = 235.20 T (m ² /s) = 4.90E-8 PFL confidence= Certain	Adjusted secup (m) =235.12 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
90b		Adjusted secup (m) =235.19 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
90c		Adjusted secup (m) =235.21 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-63. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
91a	Bh-length (m) = 236.90 T (m ² /s) = 5.17E-9 PFL confidence= Certain	Adjusted secup (m) =237.39 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 5	
91b		Adjusted secup (m) =237.44 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 6	
91c		Adjusted secup (m) =237.46 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 6	
92	Bh-length (m) = 240.60 T (m ² /s) = 1.40E-9 PFL confidence= Uncertain	Adjusted secup (m) =240.53 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-64. KAV01. Interpretation of PFL measurements and BOREMAP data

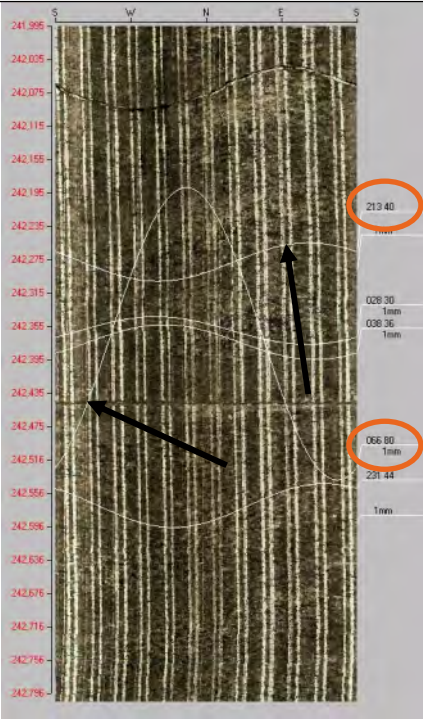
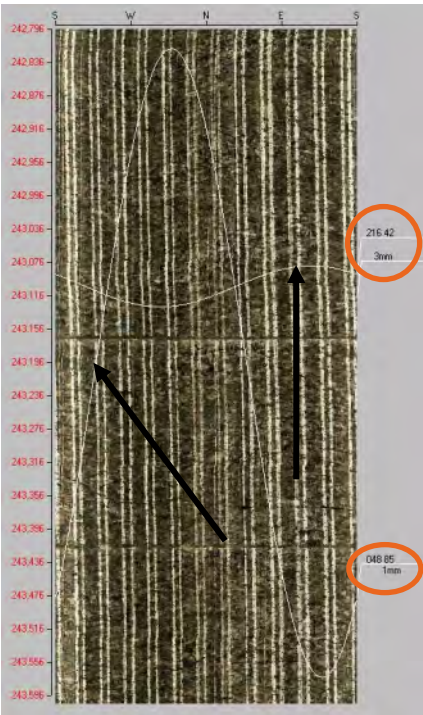
PFL anom. No	PFL anom data	Boremap data	BIPS Image
93a	Bh-length (m) = 242.30 T (m ² /s) = 4.20E-8 PFL confidence= Certain	Adjusted secup (m) =242.28 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
93b		Adjusted secup (m) =242.36 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
94a	Bh-length (m) = 243.10 T (m ² /s) = 1.03E-7 PFL confidence= Certain	Adjusted secup (m) =243.10 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
94b		Adjusted secup (m) =243.20 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-65. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
95	Bh-length (m) = 244.40 T (m ² /s) = 1.01E-8 PFL confidence= Certain	Adjusted secup (m) =244.38 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
96	Bh-length (m) = 246 T (m ² /s) = 4.75E-9 PFL confidence= Certain	Adjusted secup (m) =245.98 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-66. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
97	Bh-length (m) = 251.40 T (m ² /s) = 7.68E-9 PFL confidence= Certain	Adjusted secup (m) =251.34 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
98	Bh-length (m) = 253.60 T (m ² /s) = 3.33E-8 PFL confidence= Certain	Adjusted secup (m) =254.84 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 4	

Table A3-67. KAV01. Interpretation of PFL measurements and BOREMAP data

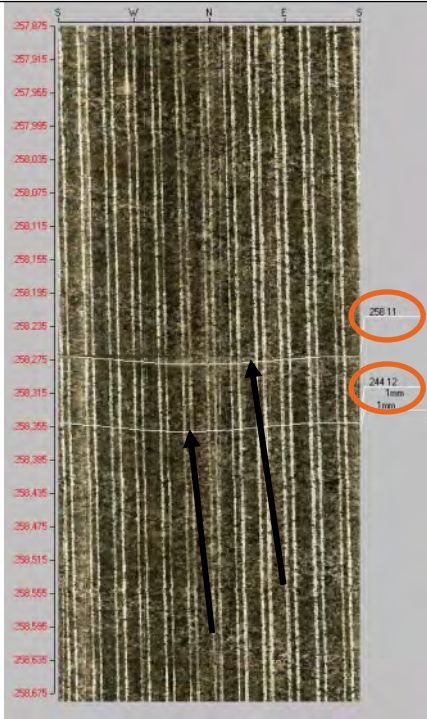
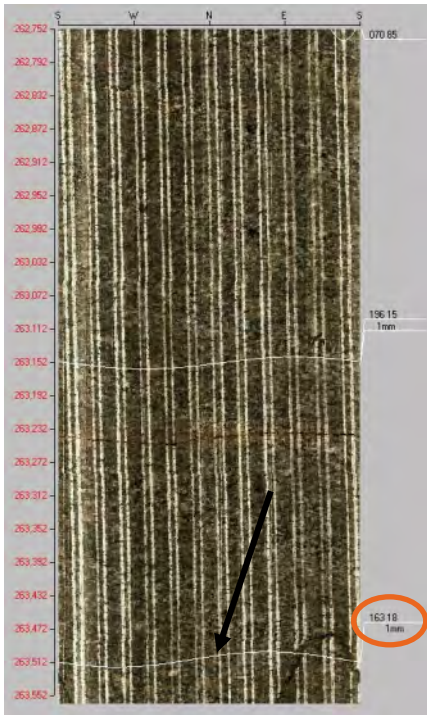
PFL anom. No	PFL anom data	Boremap data	BIPS Image
99a	Bh-length (m) = 258.40 T (m ² /s) = 7.82E-9 PFL confidence= Certain	Adjusted secup (m) =258.28 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
99b		Adjusted secup (m) =258.36 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
100	Bh-length (m) = 262.90 T (m ² /s) = 2.51E-9 PFL confidence= Uncertain	Adjusted secup (m) =263.51 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 6	

Table A3-68. KAV01. Interpretation of PFL measurements and BOREMAP data

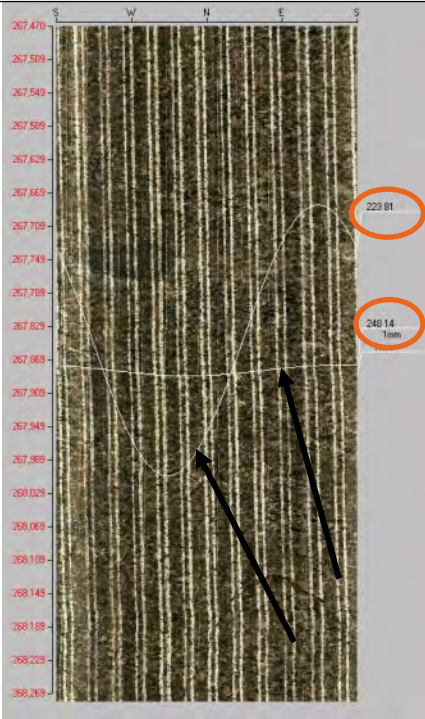
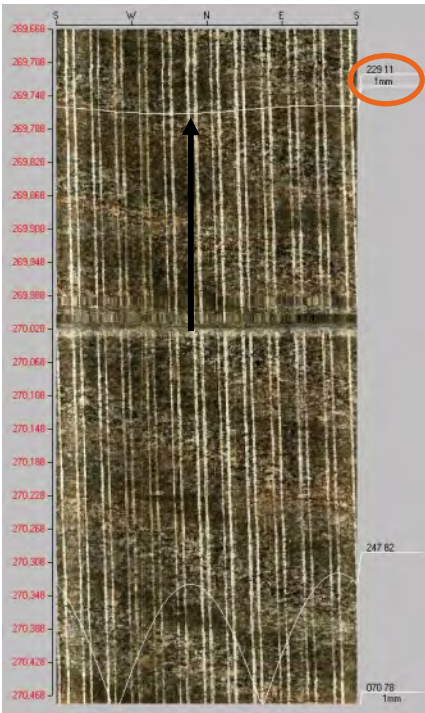
PFL anom. No	PFL anom data	Boremap data	BIPS Image
101a	Bh-length (m) = 267.90 T (m ² /s) = 8.52E-9 PFL confidence= Certain	Adjusted secup (m) =267.85 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
101b		Adjusted secup (m) =267.88 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
102	Bh-length (m) = 269.90 T (m ² /s) = 2.10E-9 PFL confidence= Uncertain	Adjusted secup (m) =269.77 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	

Table A3-69. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
103	Bh-length (m) = 276.80 T (m ² /s) = 1.40E-9 PFL confidence= Uncertain	Adjusted secup (m) = 276.91 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
104	Bh-length (m) = 278.70 T (m ² /s) = 1.68E-9 PFL confidence= Uncertain	Adjusted secup (m) = 278.46 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A3-70. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
105a	Bh-length (m) = 286.10 T (m ² /s) = 3.64E-9 PFL confidence= Certain	Adjusted secup (m) =287.1 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 9	
105b		Adjusted secup (m) =285.1 Fract_interpret / Varcodes= sealed fr. (broken) Frac.interp. confidence= Certain PFL-anom. confidence= 0	

Table A3-71. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
106	<p>Bh-length (m) = 289.90</p> <p>$T (m^2/s) = 1.40E-9$</p> <p>PFL confidence= Uncertain</p>	<p>Adjusted secup (m) = 290.33</p> <p>Fract_interpret / Varcode= open fr.</p> <p>Frac.interp. confidence= Possible</p> <p>PFL-anom. confidence= 4</p>	
107	<p>Bh-length (m) = 335.70</p> <p>$T (m^2/s) = 4.22E-10$</p> <p>PFL confidence= Uncertain</p>	<p>Adjusted secup (m) = 335.67</p> <p>Fract_interpret / Varcode= open fr.</p> <p>Frac.interp. confidence= Possible</p> <p>PFL-anom. confidence= 1</p>	

Table A3-72. KAV01. Interpretation of PFL measurements and BOREMAP data

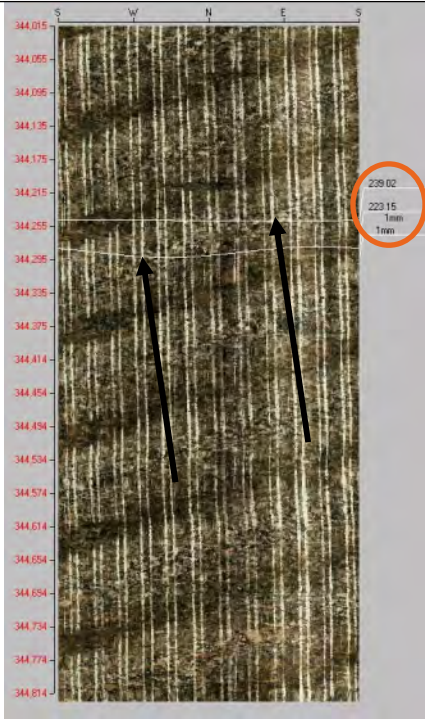
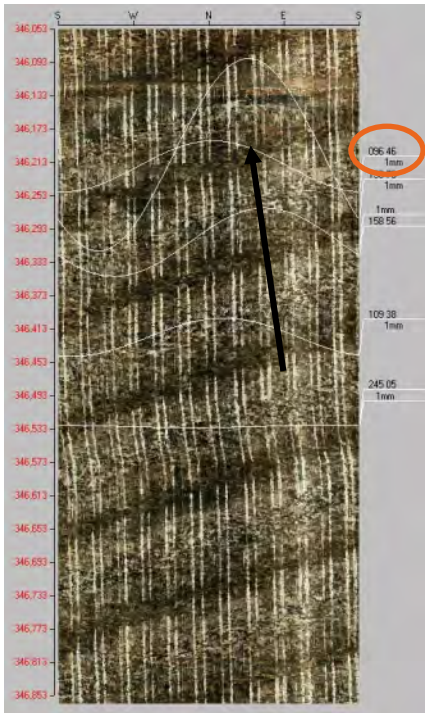
PFL anom. No	PFL anom data	Boremap data	BIPS Image
108a	Bh-length (m) = 344.30 T (m ² /s) = 1.28E-8 PFL confidence= Certain	Adjusted secup (m) =344.25 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
108b		Adjusted secup (m) =344.29 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
109	Bh-length (m) = 346.40 T (m ² /s) = 6.19E-10 PFL confidence= Uncertain	Adjusted secup (m) =346.22 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A3-73. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
110	<p>Bh-length (m) = 348.80</p> <p>T (m²/s) = 3.10E-9</p> <p>PFL confidence= Certain</p>	<p>Adjusted secup (m) = 348.84</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 1</p>	
111	<p>Bh-length (m) = 393.20</p> <p>T (m²/s) = 7.66E-10</p> <p>PFL confidence= Uncertain</p>	<p>Adjusted secup (m) = 393.48</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 3</p>	

Table A3-74. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
112a	Bh-length (m) = 394.60 T (m ² /s) = 9.96E-10 PFL confidence= Uncertain	Adjusted secup (m) =394.50 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
112b		Adjusted secup (m) =394.67 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-75. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
113a	Bh-length (m) = 397.70 T (m ² /s) = 4.66E-8 PFL confidence= Certain	Adjusted secup (m) =396.57 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
113b		Adjusted secup (m) =396.60 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
113c		Adjusted secup (m) =396.61 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
113d		Adjusted secup (m) =396.76 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-76. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
114a	Bh-length (m) = 397.80 T (m ² /s) = 1.43E-8 PFL confidence= Certain	Adjusted secup (m) =397.62 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
114b		Adjusted secup (m) =397.63 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
114c		Adjusted secup (m) =397.75 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 1	

Table A3-77. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
115a	Bh-length (m) = 399.00 T (m ² /s) = 9.98E-10 PFL confidence= Uncertain	Adjusted secup (m) = 398.82 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
115b		Adjusted secup (m) = 399.19 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A3-78. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
116a	<p>Bh-length (m) = 400.10</p> <p>T (m²/s) = 7.14E-10</p> <p>PFL confidence= Uncertain</p>	<p>Adjusted secup (m) = 399.88</p> <p>Fract_interpret / Varcod= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 2</p>	
116b		<p>Adjusted secup (m) = 399.92</p> <p>Fract_interpret / Varcod= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 2</p>	
117	<p>Bh-length (m) = 401.90</p> <p>T (m²/s) = 1.14E-9</p> <p>PFL confidence= Uncertain</p>	<p>Adjusted secup (m) = 401.94</p> <p>Fract_interpret / Varcod= open fr.</p> <p>Frac.interp. confidence= Possible</p> <p>PFL-anom. confidence= 2</p>	

Table A3-79. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
118	Bh-length (m) = 403.40	Adjusted secup (m) =402.83	
	T (m ² /s) = 8.57E-10	Fract_interpret / Varcodes= open fr.	
	PFL confidence= Uncertain	Frac.interp. confidence= Certain	
		PFL-anom. confidence= 2	

Table A3-80. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
119a	Bh-length (m) = 405.30 T (m ² /s) = 2.14E-9 PFL confidence= Uncertain	Adjusted secup (m) =405.10 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
119b		Adjusted secup (m) =405.11 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
119c		Adjusted secup (m) =405.16 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
119d		Adjusted secup (m) =405.29 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A3-81. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
120	<p>Bh-length (m) = 407.00</p> <p>$T (m^2/s) = 6.21E-8$</p> <p>PFL confidence= Certain</p>	<p>Adjusted secup (m) = 406.84</p> <p>Fract_interpret / Varcode= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 2</p>	
121a	<p>Bh-length (m) = 409.20</p> <p>$T (m^2/s) = 1.14E-8$</p> <p>PFL confidence= Uncertain</p>	<p>Adjusted secup (m) = 409.19</p> <p>Fract_interpret / Varcode= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 1</p>	
121b		<p>Adjusted secup (m) = 409.32</p> <p>Fract_interpret / Varcode= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 2</p>	
121c		<p>Adjusted secup (m) = 409.40</p> <p>Fract_interpret / Varcode= open fr.</p> <p>Frac.interp. confidence= Possible</p> <p>PFL-anom. confidence= 2</p>	

Table A3-82. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
122a	Bh-length (m) = 409.60 T (m ² /s) = 5.13E-8 PFL confidence= Certain	Adjusted secup (m) =409.67 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
122b		Adjusted secup (m) =409.68 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
122c		Adjusted secup (m) =409.74 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
122d		Adjusted secup (m) =409.77 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	

Table A3-83. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
123a	Bh-length (m) = 410.10 T (m ² /s) = 3.36E-8 PFL confidence= Uncertain	Adjusted secup (m) =410.02 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
123b		Adjusted secup (m) =410.10 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A3-84. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
124a	Bh-length (m) = 410.40 T (m ² /s) = 1.6E-8 PFL confidence= Uncertain	Adjusted secup (m) = 410.29 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
124b		Adjusted secup (m) = 410.36 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
124c		Adjusted secup (m) = 410.54 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A3-85. KAV01. Interpretation of PFL measurements and BOREMAP data

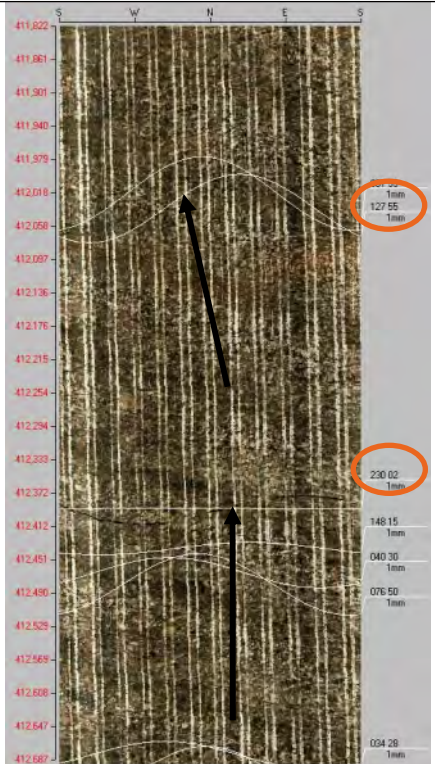
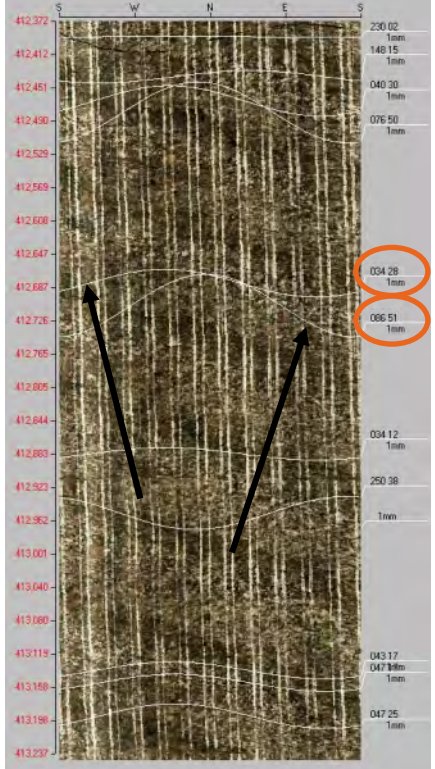
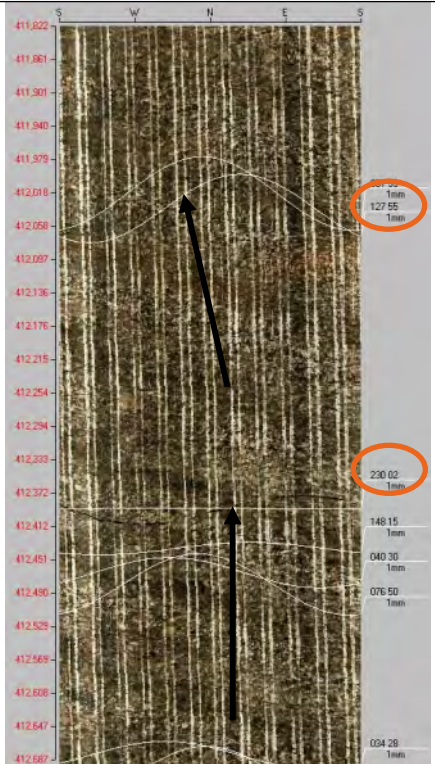
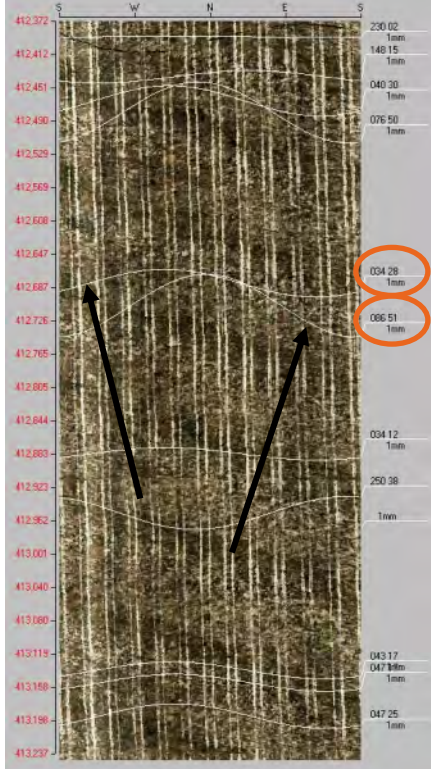
PFL anom. No	PFL anom data	Boremap data	BIPS Image
125a	Bh-length (m) = 412.20 T (m ² /s) = 2.13E-9 PFL confidence= Uncertain	Adjusted secup (m) = 412.04 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
125b		Adjusted secup (m) = 412.39 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
126a	Bh-length (m) = 412.80 T (m ² /s) = 5.13E-9 PFL confidence= Certain	Adjusted secup (m) = 412.68 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
126b		Adjusted secup (m) = 412.71 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-86. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
127	<p>Bh-length (m) = 414.50</p> <p>T (m²/s) = 4.42E-9</p> <p>PFL confidence= Certain</p>	<p>Adjusted secup (m) =414.37</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Possible</p> <p>PFL-anom. confidence= 1</p>	
128	<p>Bh-length (m) = 416.30</p> <p>T (m²/s) = 2.86E-9</p> <p>PFL confidence= Uncertain</p>	<p>Adjusted secup (m) =416.39</p> <p>Fract_interpret / Varcodes= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 1</p>	

Table A3-87. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
129a	Bh-length (m) = 417.30 T (m ² /s) = 3.14E-9 PFL confidence= Uncertain	Adjusted secup (m) = 417.05 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
129b		Adjusted secup (m) = 417.06 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
130a	Bh-length (m) = 418.40 T (m ² /s) = 2.15E-9 PFL confidence= Uncertain	Adjusted secup (m) = 417.68 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Probable PFL-anom. confidence= 2	
130b		Adjusted secup (m) = 418.21 Fract_interpret / Varcode= Sealed fr. (broken) Frac.interp. confidence= Certain PFL-anom. confidence= 0	

Table A3-88. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
131a	Bh-length (m) = 420.20 T (m ² /s) = 8.45E-7 PFL confidence= Certain	Adjusted secup (m) =420.00 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
131b		Adjusted secup (m) =420.06 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
132a	Bh-length (m) = 421.40 T (m ² /s) = 9.04E-7 PFL confidence= Certain	Adjusted secup (m) =421.46 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
132b		Adjusted secup (m) =421.49 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-89. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
133a	Bh-length (m) = 422.00 T (m ² /s) = 7.60E-7 PFL confidence= Certain	Adjusted secup (m) = 422.07 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
133b	Adjusted secup (m) = 422.20 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2		

Table A3-90. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
134a	Bh-length (m) = 423.20 T (m ² /s) = 1.29E-6 PFL confidence= Certain	Adjusted secup (m) = 423.14 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
134b		Adjusted secup (m) = 423.18 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
134c		Adjusted secup (m) = 423.23 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
134d		Adjusted secup (m) = 423.32 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
134e		Adjusted secup (m) = 423.32 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

134f

Adjusted secup (m) =
423.34

Fract_interpret / Varcod= open fr.

Frac.interp. confidence=
Possible

PFL-anom. confidence=
2

134g

Adjusted secup (m)
=423.35

Fract_interpret / Varcod= open fr.

Frac.interp. confidence=
Possible

PFL-anom. confidence=
2

Table A3-91. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
135	Bh-length (m) = 423.90 T (m ² /s) = 5.73E-7 PFL confidence= Certain	Adjusted secup (m) =423.75 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A3-92. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
136a	Bh-length (m) = 428.00 T (m ² /s) = 2.74E-6 PFL confidence= Certain	Adjusted secup (m) =427.98 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
136b		Adjusted secup (m) =428.09 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
136c		Adjusted secup (m) =428.13 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
136d		Adjusted secup (m) =428.16 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-93. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
137	Bh-length (m) = 429.90 T (m ² /s) = 7.69E-9 PFL confidence= Uncertain	Adjusted secup (m) =429.96 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 Same fracture as 138a	
138a	Bh-length (m) = 430.10 T (m ² /s) = 4.13E-7 PFL confidence= Certain	Adjusted secup (m) =429.96 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1 Same fracture as 137	
138b		Adjusted secup (m) =430.10 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A3-94. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
139a	Bh-length (m) = 431.80 T (m ² /s) = 7.09E-6 PFL confidence= Certain	Adjusted secup (m) =431.66 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
139b		Adjusted secup (m) =431.8 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
139c		Adjusted secup (m) =431.8 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
139d		Adjusted secup (m) =431.97 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-95. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
140a	Bh-length (m) = 432.20 T (m ² /s) = 3.45E-7 PFL confidence= Uncertain	Adjusted secup (m) =432.04 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
140b		Adjusted secup (m) =432.13 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
140c		Adjusted secup (m) =432.25 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
140d		Adjusted secup (m) =432.26 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
140e		Adjusted secup (m) =432.29 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	

140f	Adjusted secup (m) =432.31
	Fract_interpret / Varcodes= open fr.
	Frac.interp. confidence= Possible
	PFL-anom. confidence= 2
140g	Adjusted secup (m) =432.55
	Fract_interpret / Varcodes= open fr.
	Frac.interp. confidence= Certain
	PFL-anom. confidence= 1

Table A3-96. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
141a	Bh-length (m) = 439.60 T (m ² /s) = 7.14E-9 PFL confidence= Certain	Adjusted secup (m) =439.43 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
141b		Adjusted secup (m) =439.45 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
141c		Adjusted secup (m) =439.56 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
141d		Adjusted secup (m) =439.75 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
141e		Adjusted secup (m) =439.77 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-97. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
142	Bh-length (m) = 441.30	Adjusted secup (m) =441.06	
	T (m ² /s) = 5.29E-8	Adjusted seclow (m) =441.31	
	PFL confidence= Certain	Fract_interpret / Varcodes= crush zone	
		PFL-anom. confidence= 1	

Table A3-98. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
143a	Bh-length (m) = 445.10 T (m ² /s) = 4.28E-8 PFL confidence= Certain	Adjusted secup (m) =444.94 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
143b		Adjusted secup (m) =444.95 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
143c		Adjusted secup (m) =445.21 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A3-99. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
144a	Bh-length (m) = 448.80 T (m ² /s) = 5.43E-9 PFL confidence= Certain	Adjusted secup (m) =448.59 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
144b		Adjusted secup (m) =448.61 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
144c		Adjusted secup (m) =448.69 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
144d		Adjusted secup (m) =448.75 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
144e		Adjusted secup (m) =448.97 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

144f

Adjusted secup (m)
=449.00

Fract_interpret / Varcodes=
open fr.

Frac.interp. confidence=
Possible

PFL-anom. confidence=
1

Table A3-100. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
145a	Bh-length (m) = 450.70 T (m ² /s) = 1.88E-7 PFL confidence= Certain	Adjusted secup (m) =450.32 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
145b		Adjusted secup (m) =450.35 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
145c		Adjusted secup (m) =450.54 Adjusted selow (m) =451.29 Fract_interpret / Varcodes= crush zone PFL-anom. confidence= 1	

Table A3-101. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
146a	Bh-length (m) = 460.00 T (m ² /s) = 3.15E-9 PFL confidence= Uncertain	Adjusted secup (m) =459.84 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
146b		Adjusted secup (m) =459.87 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
146c		Adjusted secup (m) =459.87 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
146d		Adjusted secup (m) =460.00 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A3-102. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
147a	Bh-length (m) = 460.70 T (m ² /s) = 4.58E-9 PFL confidence= Uncertain	Adjusted secup (m) =460.60 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
147b	Adjusted secup (m) =460.61 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2		
147c	Adjusted secup (m) =460.74 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2		

Table A3-103. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
148a	Bh-length (m) = 461.80 T (m ² /s) = 4.58E-9 PFL confidence= Certain	Adjusted secup (m) =461.61 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
148b		Adjusted secup (m) =461.86 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
148c		Adjusted secup (m) =461.91 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
148d		Adjusted secup (m) =461.98 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-104. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
149a	Bh-length (m) = 462.10 T (m ² /s) = 5.72E-9 PFL confidence= Certain	Adjusted secup (m) =462.06 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
149b		Adjusted secup (m) =462.16 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
149c		Adjusted secup (m) =462.28 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
149d		Adjusted secup (m) =462.28 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 4	

Table A3-105. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
150a	Bh-length (m) = 463.90 T (m ² /s) = 3.57E-8 PFL confidence= Certain	Adjusted secup (m) =463.81 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
150b		Adjusted secup (m) =463.87 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
150c		Adjusted secup (m) =463.94 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
150d		Adjusted secup (m) =463.97 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
150e		Adjusted secup (m) =464.09 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-106. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
151a	Bh-length (m) = 476.80 T (m ² /s) = 1.58E-9 PFL confidence= Certain	Adjusted secup (m) =476.69 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
151b		Adjusted secup (m) =476.83 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
151c		Adjusted secup (m) =476.90 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
151d		Adjusted secup (m) =476.98 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-107. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
152a	Bh-length (m) = 478.50 T (m ² /s) = 5.44E-8 PFL confidence= Certain	Adjusted secup (m) =478.42 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
152b		Adjusted secup (m) =478.51 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-108. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
153a	Bh-length (m) = 485.30 T (m ² /s) = 1.43E-9 PFL confidence= Certain	Adjusted secup (m) =485.20 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
153b		Adjusted secup (m) =485.27 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
153c		Adjusted secup (m) =485.30 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
153d		Adjusted secup (m) =485.31 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
153e		Adjusted secup (m) =485.33 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

153f

Adjusted secup (m)
=485.36

Fract_interpret / Varcod=

open fr.

Frac.interp. confidence=
Certain

PFL-anom. confidence=
1

Table A3-109. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
154a	Bh-length (m) = 497.20 T (m ² /s) = 4.27E-9 PFL confidence= Certain	Adjusted secup (m) =497.03 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
154b		Adjusted secup (m) =497.07 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
154c		Adjusted secup (m) =497.13 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
154d		Adjusted secup (m) =497.20 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
154e		Adjusted secup (m) =497.24 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

154f	<p>Adjusted secup (m) =497.24</p> <p>Fract_interpret / Varcod= open fr.</p> <p>Frac.interp. confidence= Certain PFL-anom. confidence= 1</p>
154g	<p>Adjusted secup (m) =497.33</p> <p>Fract_interpret / Varcod= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 2</p>
154h	<p>Adjusted secup (m) =497.36</p> <p>Fract_interpret / Varcod= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 2</p>
154i	<p>Adjusted secup (m) =497.36</p> <p>Fract_interpret / Varcod= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 2</p>
154j	<p>Adjusted secup (m) =497.40</p> <p>Fract_interpret / Varcod= open fr.</p> <p>Frac.interp. confidence= Certain</p> <p>PFL-anom. confidence= 2</p>

Table A3-110. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
155a	Bh-length (m) = 497.90 T (m ² /s) = 4.43E-7 PFL confidence= Certain	Adjusted secup (m) =497.72 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
155b		Adjusted secup (m) =497.73 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
155c		Adjusted secup (m) =497.76 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
155d		Adjusted secup (m) =497.82 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
155e		Adjusted secup (m) =497.83 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

155f	Adjusted secup (m) =497.86 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1
155g	Adjusted secup (m) =497.88 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1
155h	Adjusted secup (m) =497.89 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1

Table A3-111. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
156a	Bh-length (m) = 499.70 T (m ² /s) = 4.27E-9 PFL confidence= Certain	Adjusted secup (m) =499.63 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
156b		Adjusted secup (m) =499.66 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
156c		Adjusted secup (m) =499.84 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A3-112. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
157a	Bh-length (m) = 501.70 T (m ² /s) = 1.05E-7 PFL confidence= Certain	Adjusted secup (m) =501.56 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Ceratin PFL-anom. confidence= 2	
157b		Adjusted secup (m) =501.59 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Ceratin PFL-anom. confidence= 2	
157c		Adjusted secup (m) =501.65 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Ceratin PFL-anom. confidence= 1	

Table A3-113. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
158a	Bh-length (m) = 502.70 T (m ² /s) = 2.06E-7 PFL confidence= Certain	Adjusted secup (m) =502.52 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
158b		Adjusted secup (m) =502.56 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
158c		Adjusted secup (m) =502.61 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
158d		Adjusted secup (m) =502.62 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
158e		Adjusted secup (m) =502.64 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

158f

Adjusted secup (m)
=502.70

Fract_interpret / Varcodes=
open fr.

Frac.interp. confidence=
Certain

PFL-anom. confidence=
1

Table A3-114. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
159a	Bh-length (m) = 504.40 T (m ² /s) = 7.69E-10 PFL confidence= Uncertain	Adjusted secup (m) =504.25 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
159b		Adjusted secup (m) =504.57 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A3-115. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
160a	Bh-length (m) = 517.10 T (m ² /s) = 5.69E-10 PFL confidence= Uncertain	Adjusted secup (m) =516.90 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
160b		Adjusted secup (m) =517.00 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
160c		Adjusted secup (m) =517.15 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-116. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
161a	Bh-length (m) = 519.00 T (m ² /s) = 5.68E-10 PFL confidence= Uncertain	Adjusted secup (m) = 518.91 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
161b	Adjusted secup (m) = 518.94 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1		
161c	Adjusted secup (m) = 519.00 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1		
161d	Adjusted secup (m) = 519.18 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2		

Table A3-117. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
162a	Bh-length (m) = 523.80 T (m ² /s) = 2.56E-9 PFL confidence= Certain	Adjusted secup (m) =523.65 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
162b		Adjusted secup (m) =523.77 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
162c		Adjusted secup (m) =523.85 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
162d		Adjusted secup (m) =523.85 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
162e		Adjusted secup (m) =523.89 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

162f	Adjusted secup (m) =523.89 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1
162g	Adjusted secup (m) =523.89 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1
162h	Adjusted secup (m) =523.98 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2

Table A3-118. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
163a	Bh-length (m) = 527.50 T (m ² /s) = 2.05E-6 PFL confidence= Certain	Adjusted secup (m) =527.38 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
163b		Adjusted secup (m) =527.42 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
163c		Adjusted secup (m) =527.44 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
163d		Adjusted secup (m) =527.47 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
163e		Adjusted secup (m) =527.50 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

163f

Adjusted secup (m)
=527.58

Fract_interpret / Varcodes=
open fr.

Frac.interp. confidence=
Certain

PFL-anom. confidence=
1

163g

Adjusted secup (m)
=527.69

Fract_interpret / Varcodes=
open fr.

Frac.interp. confidence=
Certain

PFL-anom. confidence=
2

Table A3-119. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
164	Bh-length (m) = 528.90 T (m ² /s) = 9.63E-8 PFL confidence= Certain	Adjusted secup (m) =528.84 Adjusted seclow (m) =528.97 Fract_interpret / Varcodes= crush zone PFL-anom. confidence= 1	
165	Bh-length (m) = 530.3 T (m ² /s) = 2.12E-7 PFL confidence= Uncertain	Adjusted secup (m) =529.84 Adjusted seclow (m) =530.99 Fract_interpret / Varcodes= crush zone PFL-anom. confidence= 1	

Table A3-120. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
166	Bh-length (m) = 530.70 T (m ² /s) = 4.25E-7 PFL confidence= Certain	Adjusted secup (m) =529.84 Adjusted seclow (m) =530.99 Fract_interpret / Varcodes= crush zone PFL-anom. confidence= 1	
167	Bh-length (m) = 531.00 T (m ² /s) = 3.57E-8 PFL confidence= Uncertain	Adjusted secup (m) =529.84 Adjusted seclow (m) =530.99 Fract_interpret / Varcodes= crush zone PFL-anom. confidence= 1	

Table A3-121. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
168a	Bh-length (m) = 534.60 T (m ² /s) = 1.19E-8 PFL confidence= Certain	Adjusted secup (m) =534.47 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
168b		Adjusted secup (m) =534.56 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
168c		Adjusted secup (m) =534.62 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-122. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
169	Bh-length (m) = 539.60 T (m ² /s) = 4.24E-10 PFL confidence= Uncertain	Adjusted secup (m) =539.45 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
170a	Bh-length (m) = 541.10 T (m ² /s) = 1.33E-8 PFL confidence= Certain	Adjusted secup (m) =541.02 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
170b		Adjusted secup (m) =541.17 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

Table A3-123. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
171a	Bh-length (m) = 541.80 T (m ² /s) = 4.80E-9 PFL confidence= Certain	Adjusted secup (m) =541.60 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
171b		Adjusted secup (m) =541.67 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
171c		Adjusted secup (m) =541.72 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
171d		Adjusted secup (m) =541.83 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-124. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
172a	Bh-length (m) = 544.10 T (m ² /s) = 7.90E-10 PFL confidence= Uncertain	Adjusted secup (m) =544.06 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
172b		Adjusted secup (m) =544.18 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
172c		Adjusted secup (m) =544.25 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A3-125. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
173a	Bh-length (m) = 550.40 T (m ² /s) = 6.99E-8 PFL confidence= Certain	Adjusted secup (m) =550.26 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
173b		Adjusted secup (m) =550.29 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
173c		Adjusted secup (m) =550.31 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
173d		Adjusted secup (m) =550.36 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
173e		Adjusted secup (m) =550.37 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	

173f

Adjusted secup (m)
=550.42

Fract_interpret / Varcod= open fr.

Frac.interp. confidence=
Possible

PFL-anom. confidence=
1

173g

Adjusted secup (m)
=550.54

Fract_interpret / Varcod= open fr.

Frac.interp. confidence=
Possible

PFL-anom. confidence=
2

Table A3-126. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
174a	Bh-length (m) = 551.20 T (m ² /s) = 2.12E-9 PFL confidence= Certain	Adjusted secup (m) =551.02 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
174b		Adjusted secup (m) =551.17 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 2	
174c		Adjusted secup (m) =551.20 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
174d		Adjusted secup (m) =551.23 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Possible PFL-anom. confidence= 1	
174e		Adjusted secup (m) =551.39 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

174f

Adjusted secup (m)
=551.40

Fract_interpret / Varcodes=
open fr.

Frac.interp. confidence=
Certain

PFL-anom. confidence=
2

Table A3-127. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
175a	Bh-length (m) = 553.30 T (m ² /s) = 9.91E-9 PFL confidence= Certain	Adjusted secup (m) =553.24 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
175b		Adjusted secup (m) =553.27 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
175c		Adjusted secup (m) =553.33 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
175d		Adjusted secup (m) =553.36 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
175e		Adjusted secup (m) =553.43 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A3-128. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
176a	Bh-length (m) = 556.10 T (m ² /s) = 2.83E-10 PFL confidence= Uncertain	Adjusted secup (m) =555.91 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
176b		Adjusted secup (m) =556.04 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
176c		Adjusted secup (m) =556.07 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
176d		Adjusted secup (m) =556.09 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-129. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
177a	Bh-length (m) = 559.60 T (m ² /s) = 1.49E-8 PFL confidence= Certain	Adjusted secup (m) =559.57 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
177b		Adjusted secup (m) =559.71 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
177c		Adjusted secup (m) =559.75 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-130. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
178a	Bh-length (m) = 560.40 T (m ² /s) = 5.36E-7 PFL confidence= Certain	Adjusted secup (m) =560.24 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
178b		Adjusted secup (m) =560.40 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
178c		Adjusted secup (m) =560.50 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
178d		Adjusted secup (m) =560.56 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
178e		Adjusted secup (m) =560.59 Fract_interpret / Varcode= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	

Table A3-131. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
179a	Bh-length (m) = 565.00 T (m ² /s) = 8.46E-9 PFL confidence= Certain	Adjusted secup (m) =564.76 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
179b		Adjusted secup (m) =564.87 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	
179c		Adjusted secup (m) =564.88 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	
179d		Adjusted secup (m) =565.12 Fract_interpret / Varcodes= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 2	

Table A3-132. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
180	Bh-length (m) = 621.80	Adjusted secup (m) =620.82	
	T (m ² /s) = 1.99E-9	Adjusted seclow (m) =622.29	
	PFL confidence= Uncertain	Fract_interpret / Varcod= crush zone PFL-anom. confidence= 1	

Table A3-133. KAV01. Interpretation of PFL measurements and BOREMAP data

PFL anom. No	PFL anom data	Boremap data	BIPS Image
181	Bh-length (m) = 651.30 T (m ² /s) = 1.73E-8 PFL confidence= Certain	Adjusted secup (m) =651.30 Fract_interpret / Varcod= open fr. Frac.interp. confidence= Certain PFL-anom. confidence= 1	