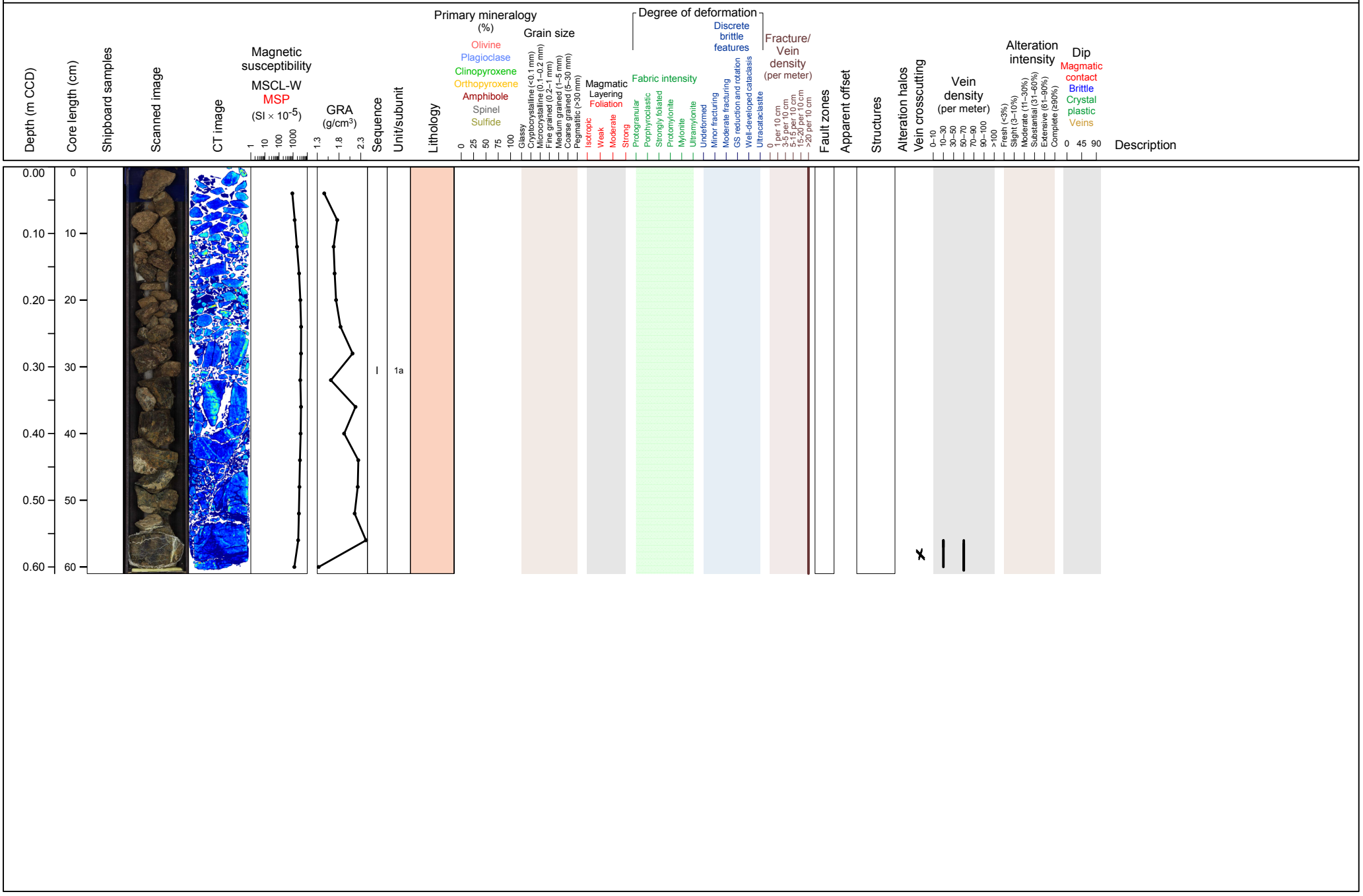
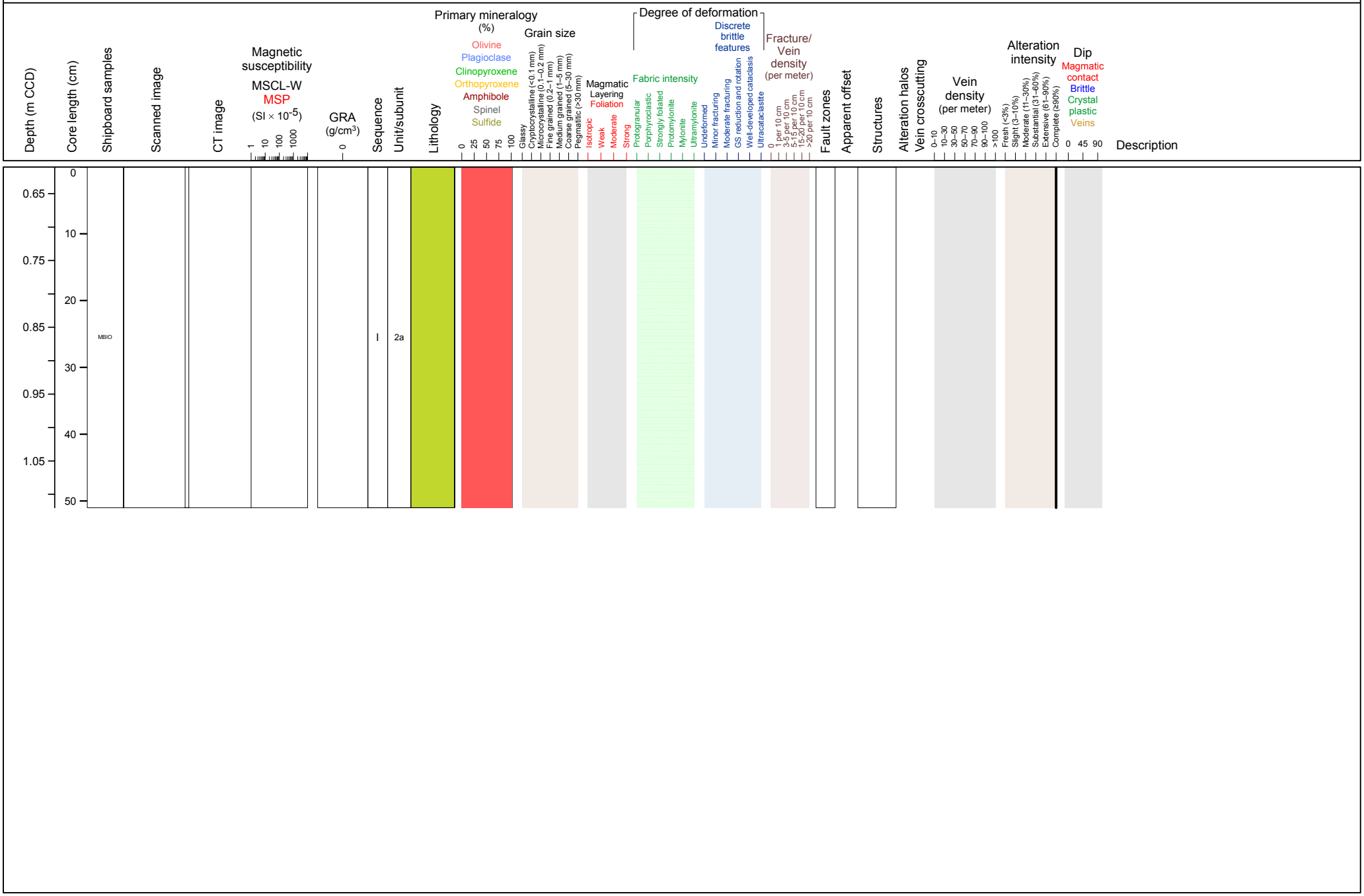
Hole BA4A-1Z Section 1, Top of Section 0.00 (m CCD)

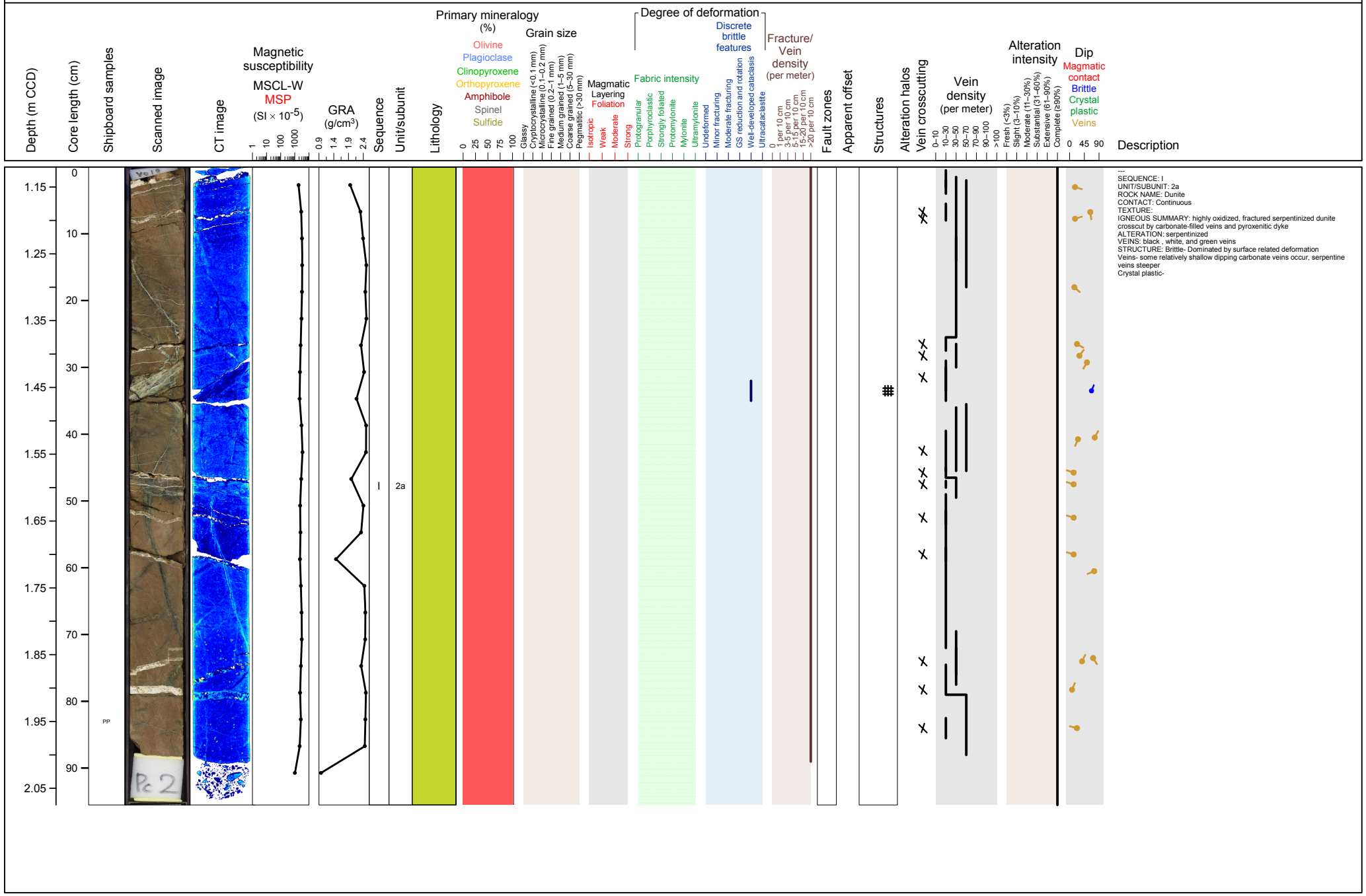


ALL TO MBIO

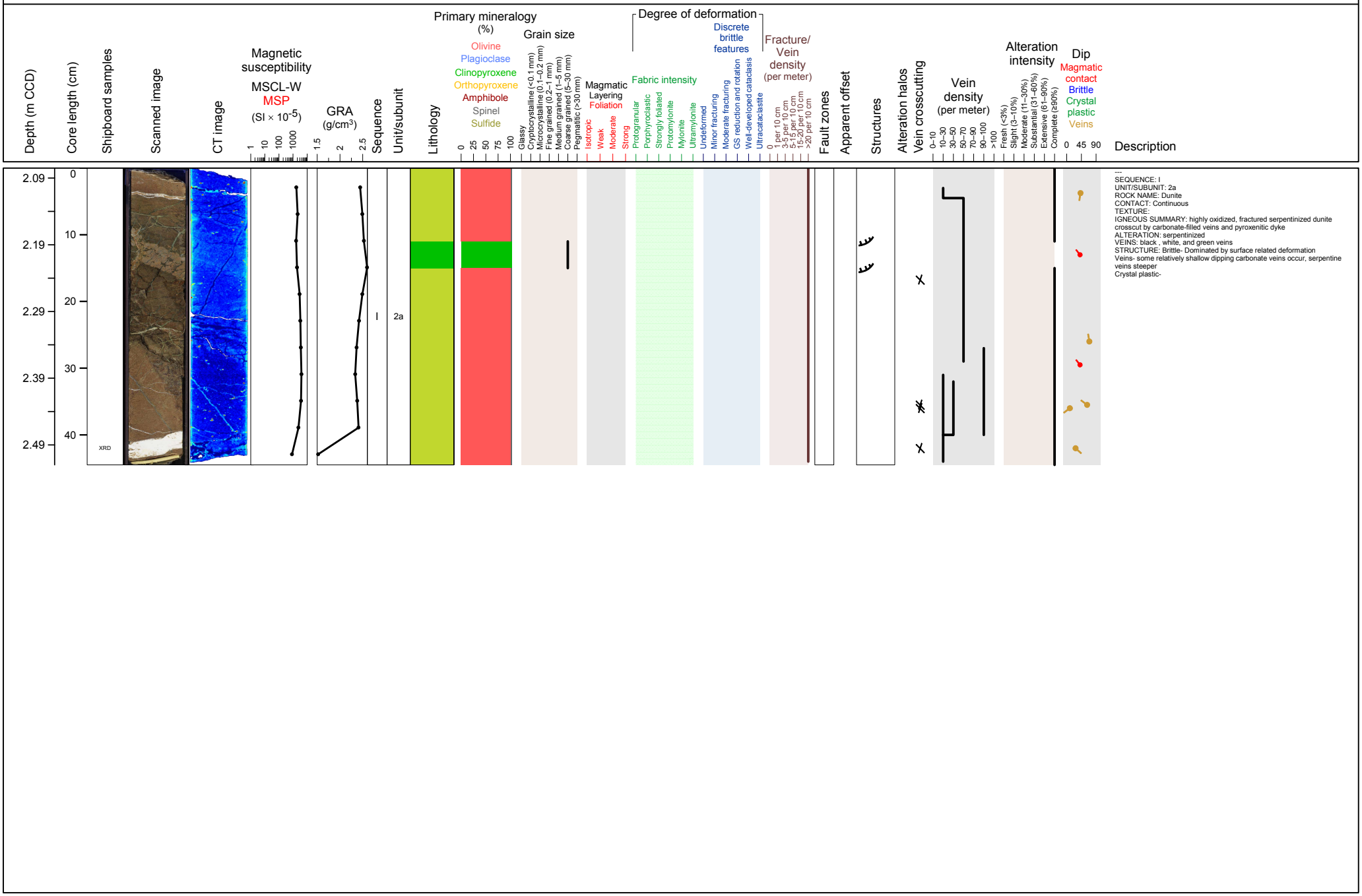
Hole BA4A-1Z Section 2, Top of Section 0.61 (m CCD)



Hole BA4A-1Z Section 3, Top of Section 1.12 (m CCD)

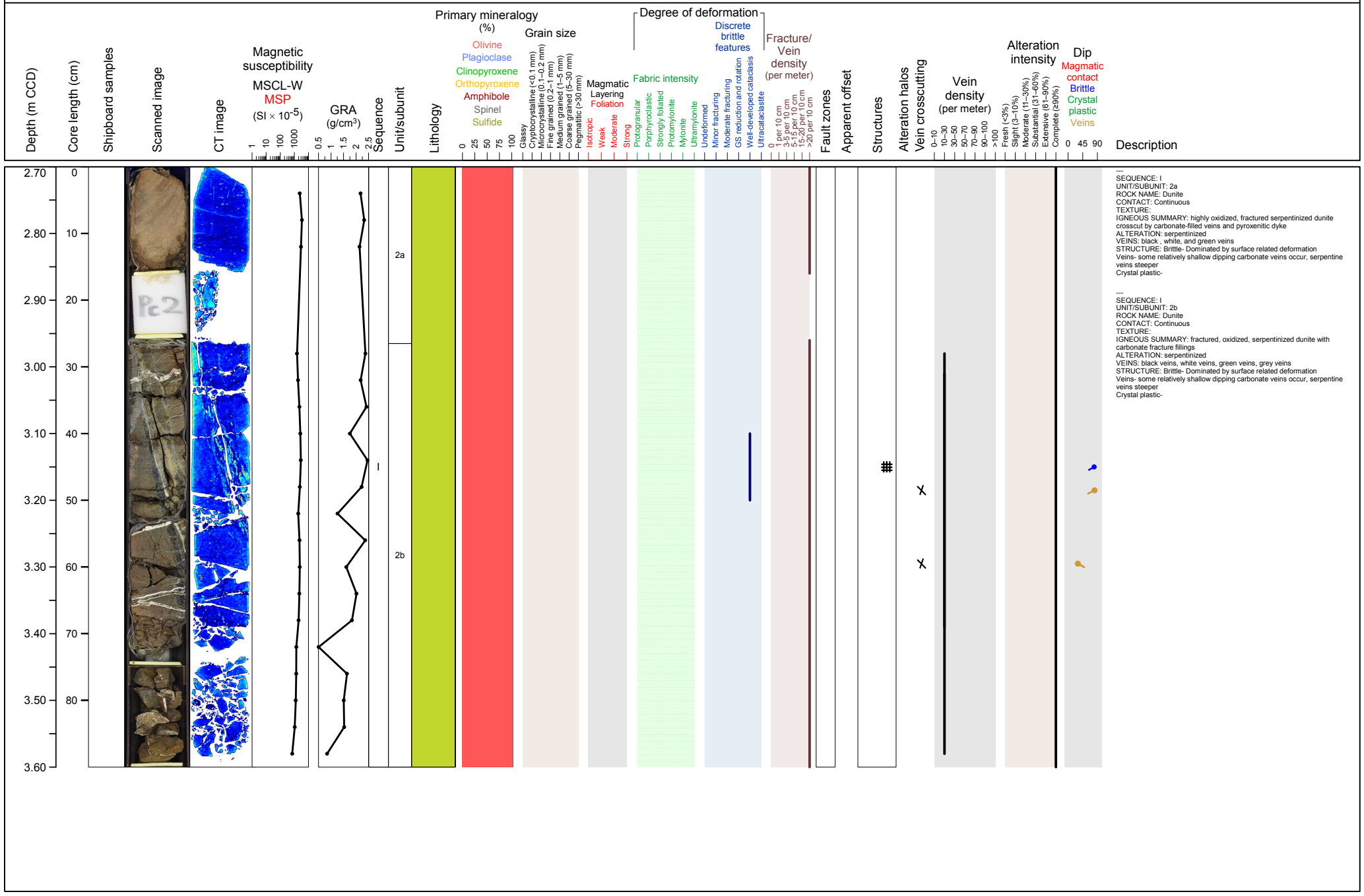


Hole BA4A-1Z Section 4, Top of Section 2.08 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 2a
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: highly oxidized, fractured serpentinized dunite crosscut by carbonate-filled veins and pyroxenitic dyke
ALTERATION: serpentinized
VEINS: black , white, and green veins
STRUCTURE: Brittle- Dominated by surface related deformation
Veins- some relatively shallow dipping carbonate veins occur, serpentine veins steeper
Crystal plastic-

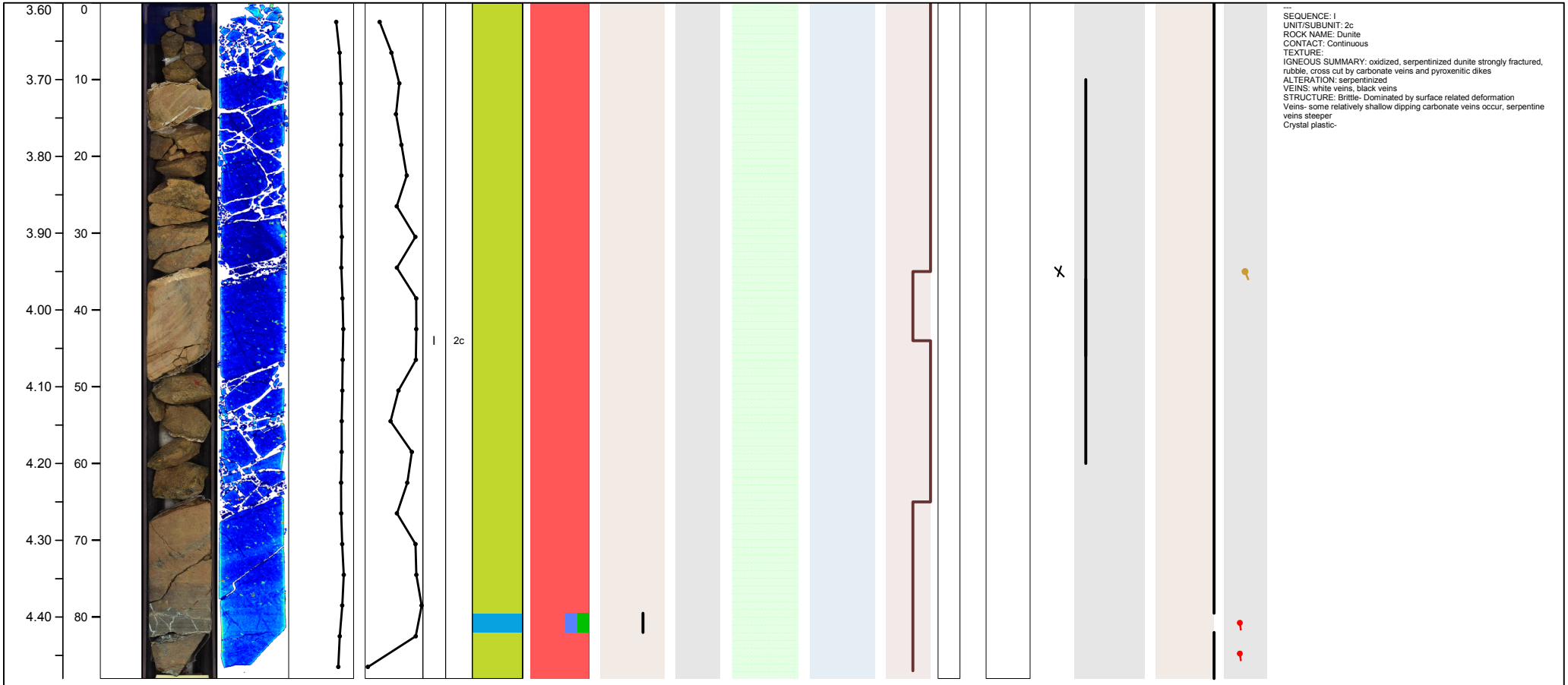
Hole BA4A-2Z Section 1, Top of Section 2.70 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 2a
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: highly oxidized, fractured serpentinized dunite crosscut by carbonate-filled veins and pyroxenitic dyke
ALTERATION: serpentinized
VEINS: black , white, and green veins
STRUCTURE: Brittle- Dominated by surface related deformation
Veins- some relatively shallow dipping carbonate veins occur, serpentine veins steeper
Crystal plastic-

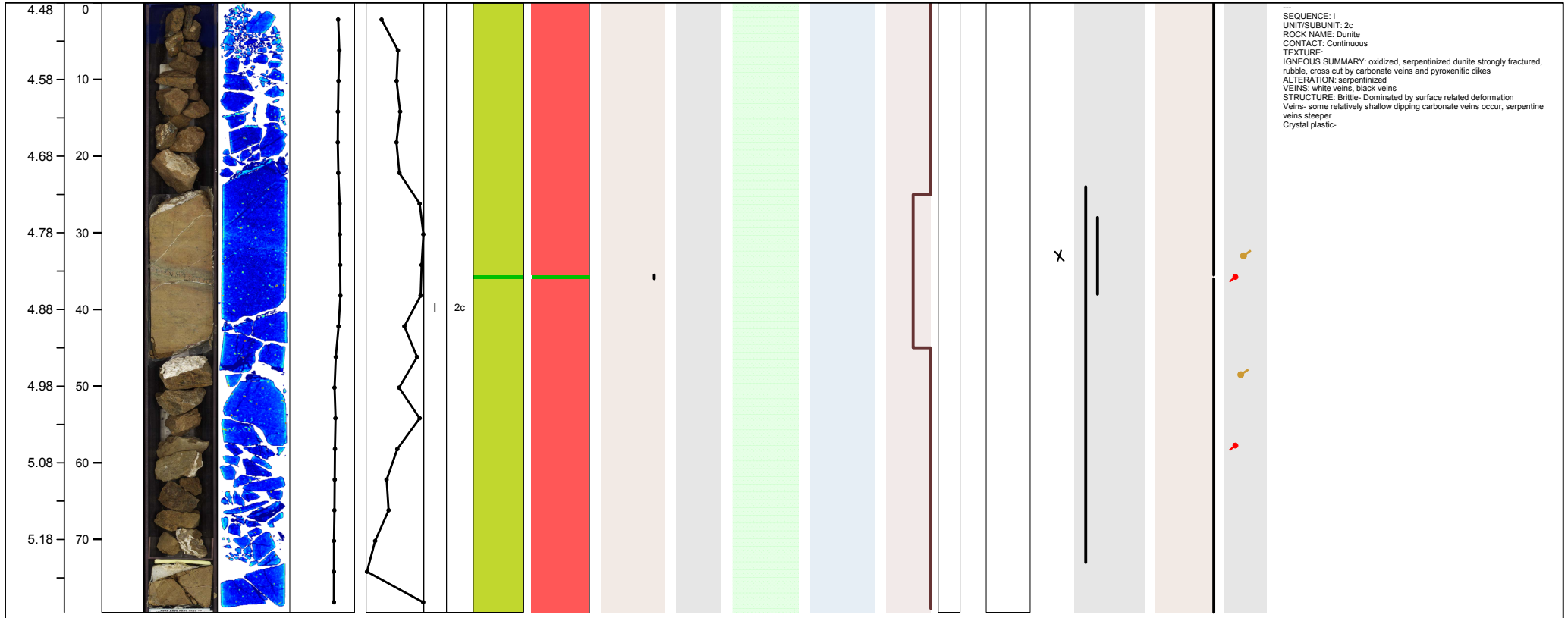
SEQUENCE: I
UNIT/SUBUNIT: 2b
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: fractured, oxidized, serpentinized dunite with carbonate fracture fillings
ALTERATION: serpentinized
VEINS: black veins, white veins, green veins, grey veins
STRUCTURE: Brittle- Dominated by surface related deformation
Veins- some relatively shallow dipping carbonate veins occur, serpentine veins steeper
Crystal plastic-

Hole BA4A-2Z Section 2, Top of Section 3.60 (m CCD)



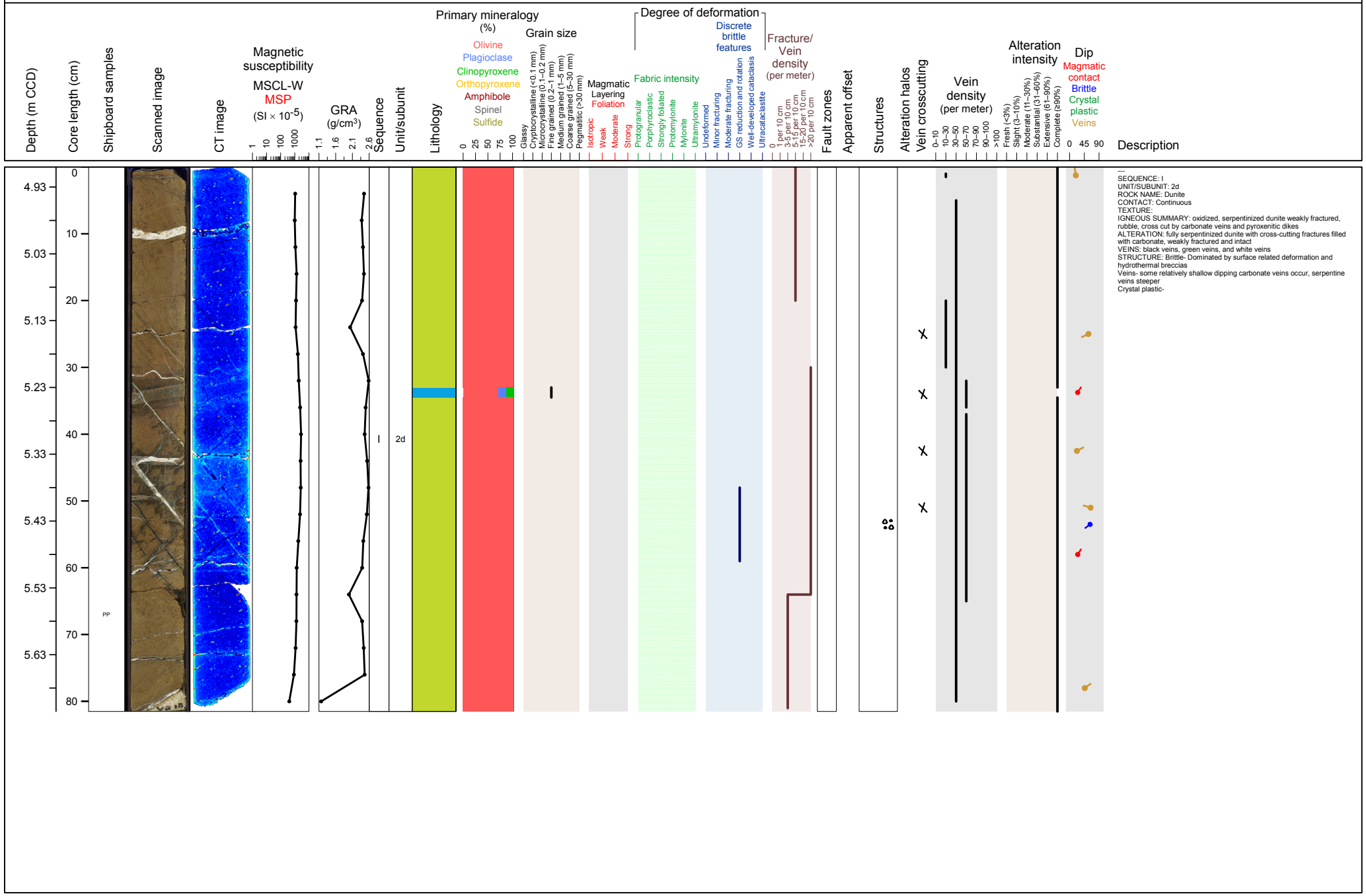
SEQUENCE: I
UNIT/SUBUNIT: 2c
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: oxidized, serpentinized dunite strongly fractured, rubble, cross cut by carbonate veins and pyroxenitic dikes
ALTERATION: serpentinized
VEINS: white veins, black veins
STRUCTURE: Brittle- Dominated by surface related deformation
Veins- some relatively shallow dipping carbonate veins occur, serpentine veins steeper
Crystal plastic-

Hole BA4A-2Z Section 3, Top of Section 4.48 (m CCD)

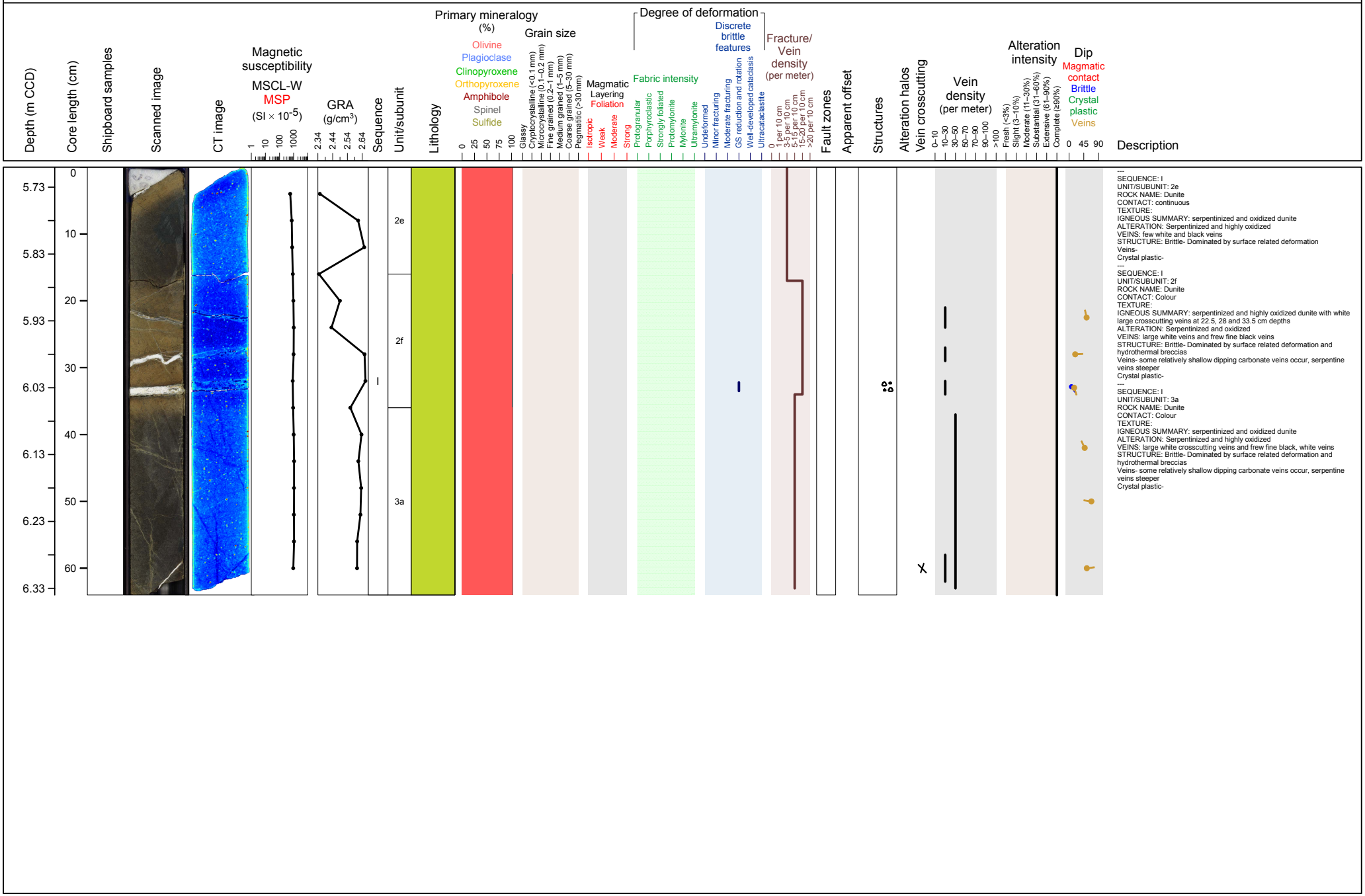


SEQUENCE: I
UNIT/SUBUNIT: 2c
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: oxidized, serpentinized dunite strongly fractured, rubble, cross cut by carbonate veins and pyroxenitic dikes
ALTERATION: serpentinized
VEINS: white veins, black veins
STRUCTURE: Brittle- Dominated by surface related deformation
Veins- some relatively shallow dipping carbonate veins occur, serpentine veins steeper
Crystal plastic-

Hole BA4A-3Z Section 1, Top of Section 4.90 (m CCD)



Hole BA4A-4Z Section 1, Top of Section 5.70 (m CCD)

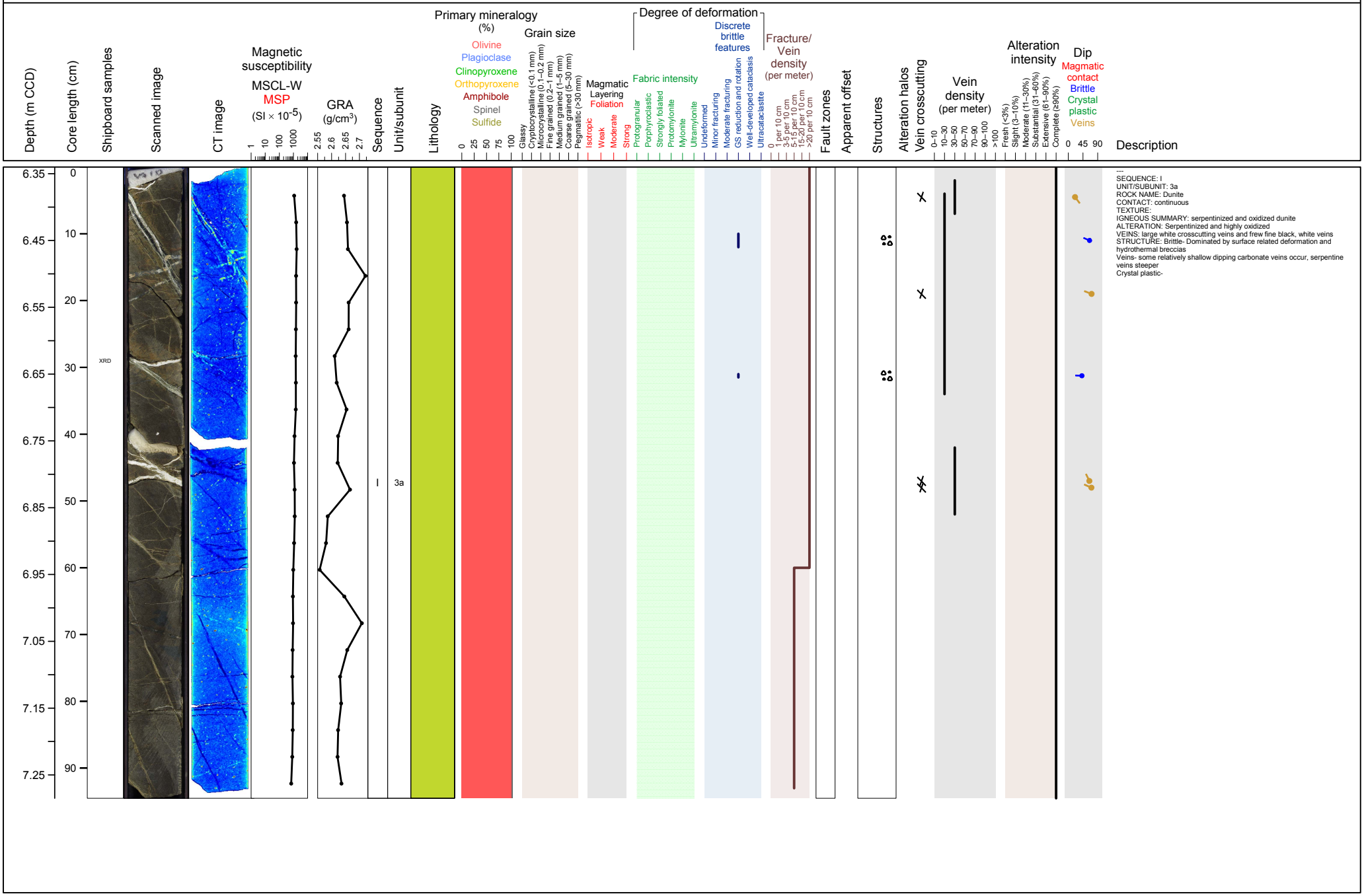


SEQUENCE: I
UNIT/SUBUNIT: 2e
ROCK NAME: Dunite
CONTACT: continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized and oxidized dunite
ALTERATION: Serpentinized and highly oxidized
VEINS: few white and black veins
STRUCTURE: Brittle- Dominated by surface related deformation
Veins-
Crystal plastic-

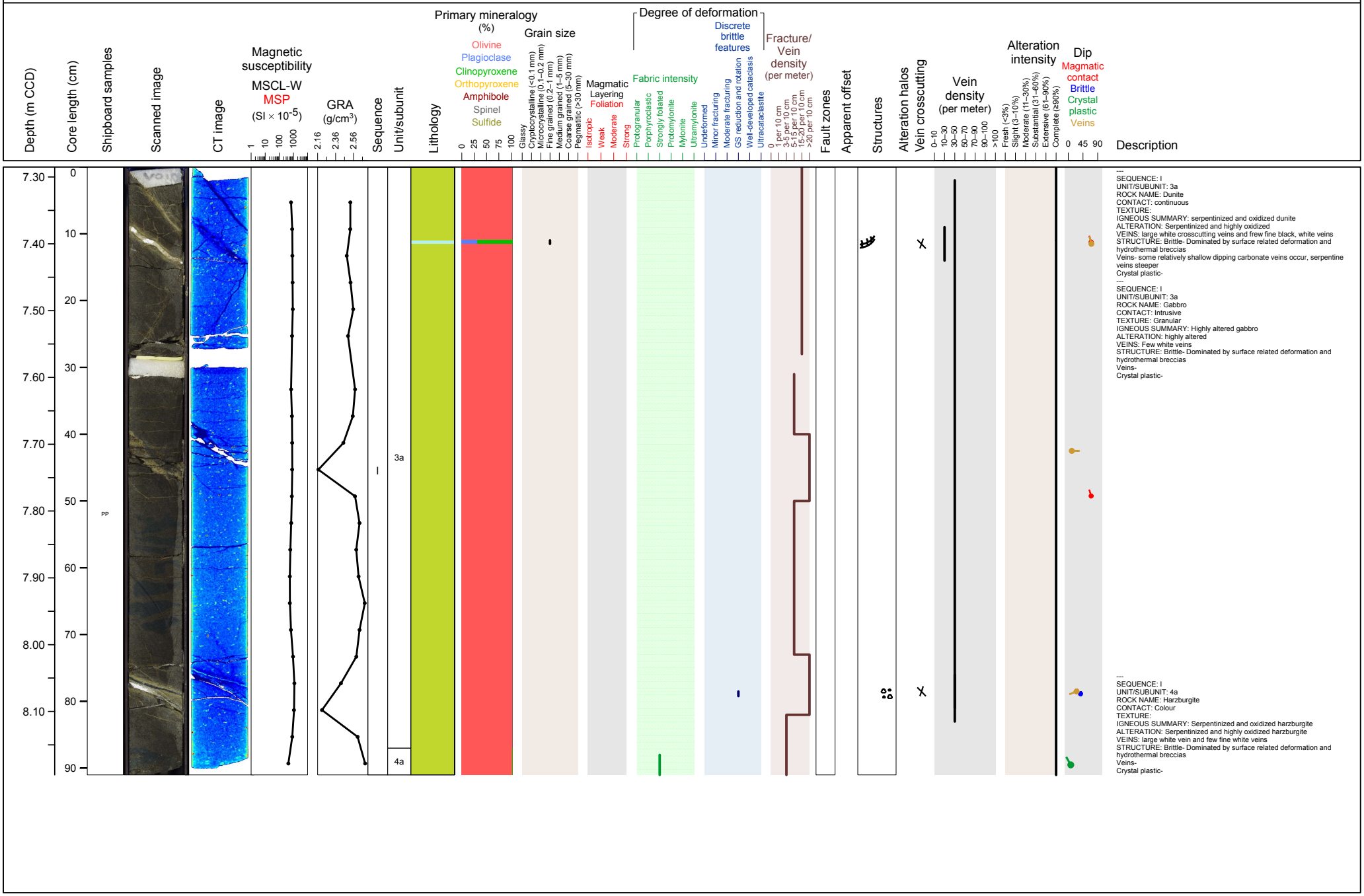
SEQUENCE: I
UNIT/SUBUNIT: 2f
ROCK NAME: Dunite
CONTACT: Colour
TEXTURE:
IGNEOUS SUMMARY: serpentinized and highly oxidized dunite with white large crosscutting veins at 22.5, 28 and 33.5 cm depths
ALTERATION: Serpentinized and oxidized
VEINS: large white veins and frew fine black veins
STRUCTURE: Brittle- Dominated by surface related deformation and hydrothermal breccias
Veins- some relatively shallow dipping carbonate veins occur, serpentine veins steeper
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 3a
ROCK NAME: Dunite
CONTACT: Colour
TEXTURE:
IGNEOUS SUMMARY: serpentinized and oxidized dunite
ALTERATION: Serpentinized and highly oxidized
VEINS: large white crosscutting veins and frew fine black, white veins
STRUCTURE: Brittle- Dominated by surface related deformation and hydrothermal breccias
Veins- some relatively shallow dipping carbonate veins occur, serpentine veins steeper
Crystal plastic-

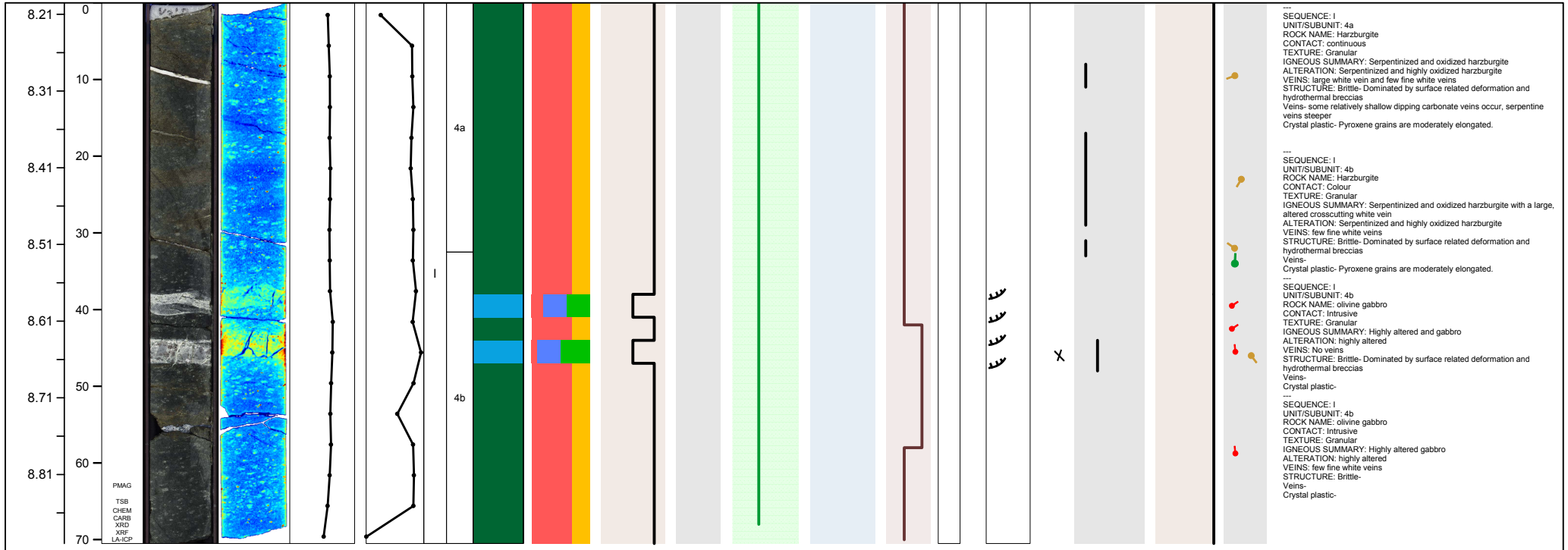
Hole BA4A-4Z Section 2, Top of Section 6.34 (m CCD)



Hole BA4A-4Z Section 3, Top of Section 7.29 (m CCD)



Hole BA4A-4Z Section 4, Top of Section 8.20 (m CCD)



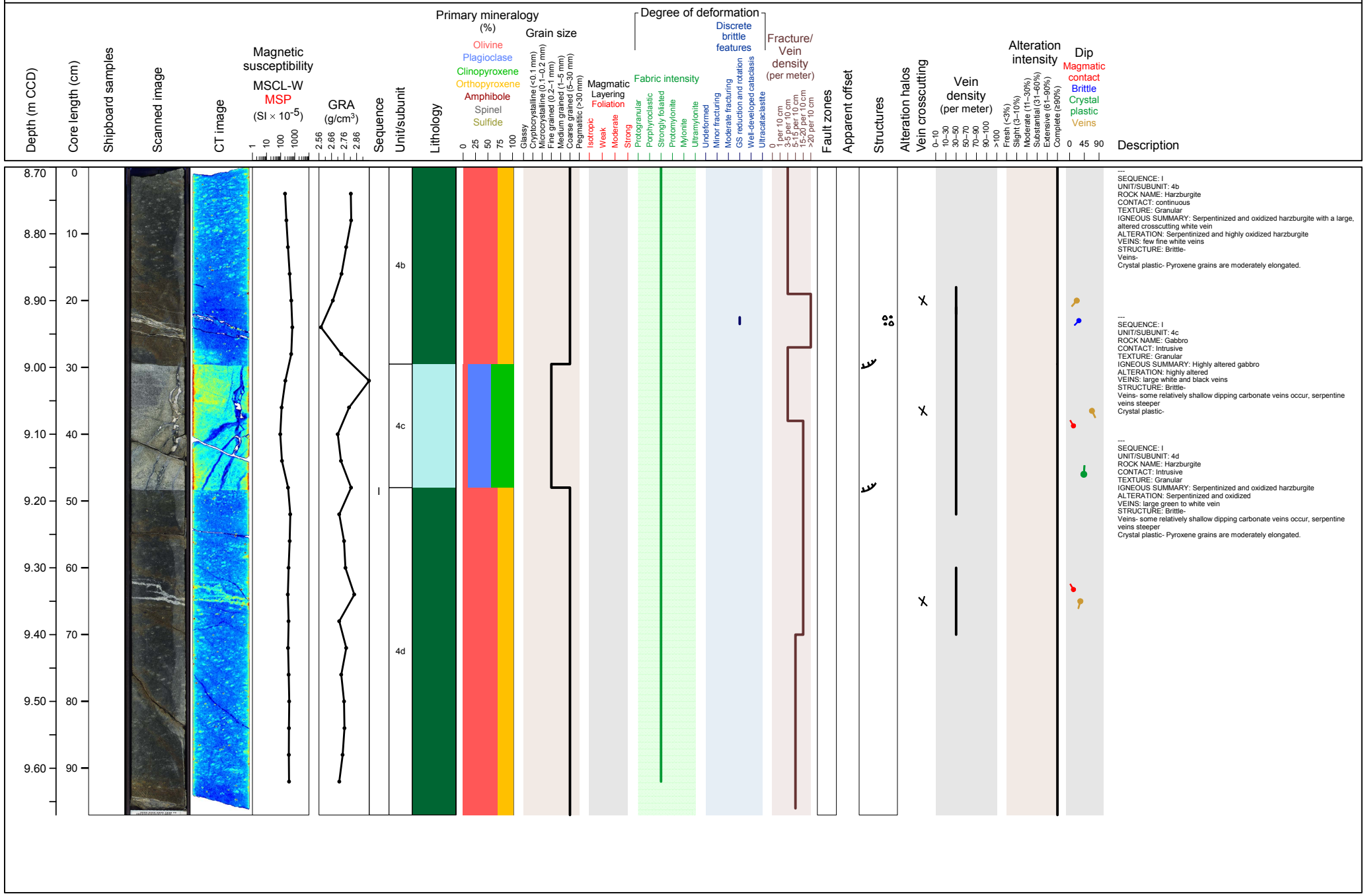
SEQUENCE: I
UNIT/SUBUNIT: 4a
ROCK NAME: Harzburgite
CONTACT: continuous
TEXTURE: Granular
IGNEOUS SUMMARY: Serpentinized and oxidized harzburgite
ALTERATION: Serpentinized and highly oxidized harzburgite
VEINS: large white vein and few fine white veins
STRUCTURE: Brittle- Dominated by surface related deformation and hydrothermal breccias
Veins- some relatively shallow dipping carbonate veins occur, serpentine veins steeper
Crystal plastic- Pyroxene grains are moderately elongated.

SEQUENCE: I
UNIT/SUBUNIT: 4b
ROCK NAME: Harzburgite
CONTACT: Colour
TEXTURE: Granular
IGNEOUS SUMMARY: Serpentinized and oxidized harzburgite with a large, altered crosscutting white vein
ALTERATION: Serpentinized and highly oxidized harzburgite
VEINS: few fine white veins
STRUCTURE: Brittle- Dominated by surface related deformation and hydrothermal breccias
Veins-
Crystal plastic- Pyroxene grains are moderately elongated.

SEQUENCE: I
UNIT/SUBUNIT: 4b
ROCK NAME: olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: Highly altered and gabbro
ALTERATION: highly altered
VEINS: No veins
STRUCTURE: Brittle- Dominated by surface related deformation and hydrothermal breccias
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 4b
ROCK NAME: olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: Highly altered gabbro
ALTERATION: highly altered
VEINS: few fine white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-5Z Section 1, Top of Section 8.70 (m CCD)

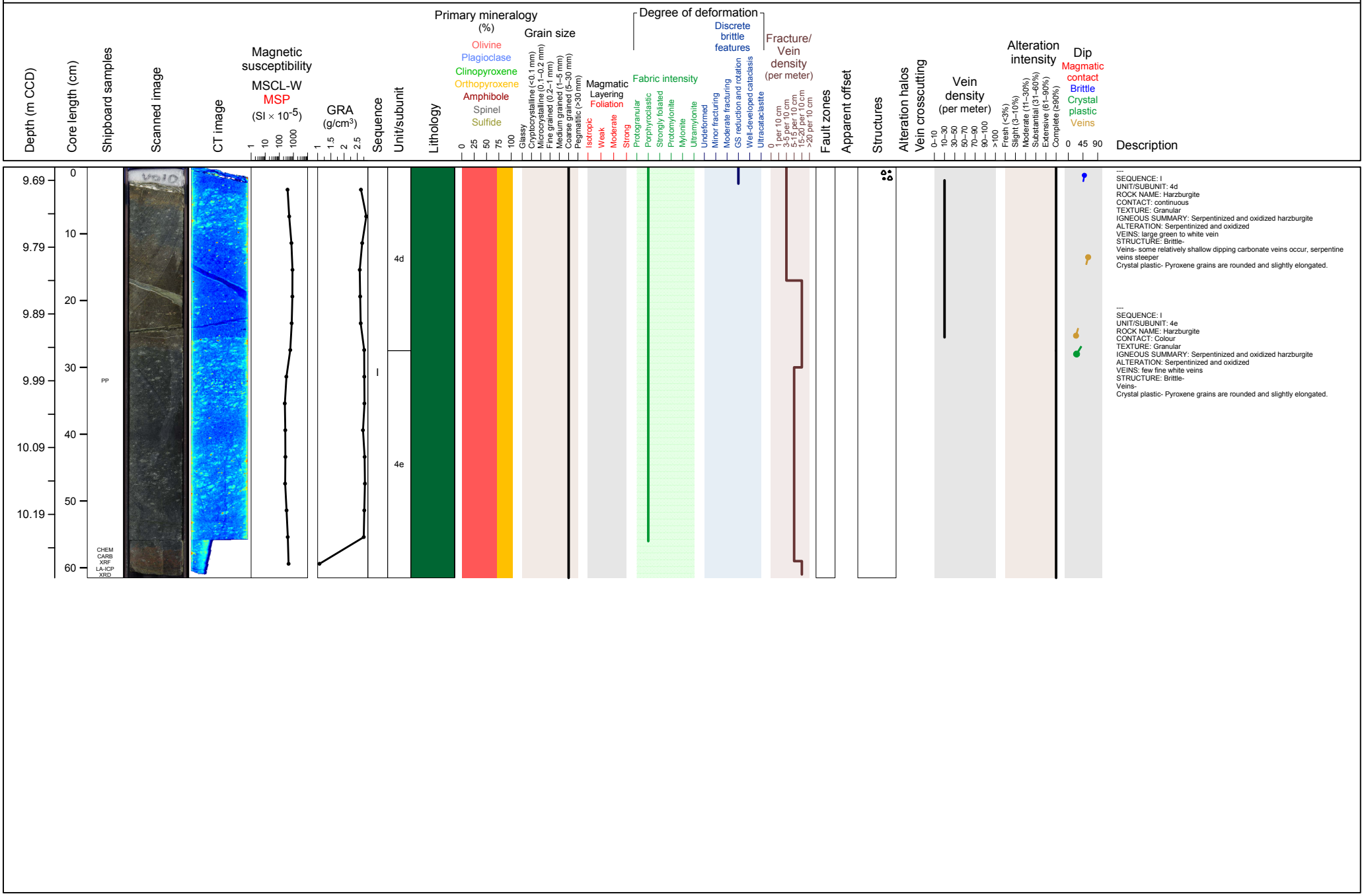


SEQUENCE: I
UNIT/SUBUNIT: 4b
ROCK NAME: Harzburgite
CONTACT: continuous
TEXTURE: Granular
IGNEOUS SUMMARY: Serpentinized and oxidized harzburgite with a large, altered crosscutting white vein
ALTERATION: Serpentinized and highly oxidized harzburgite
VEINS: few fine white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are moderately elongated.

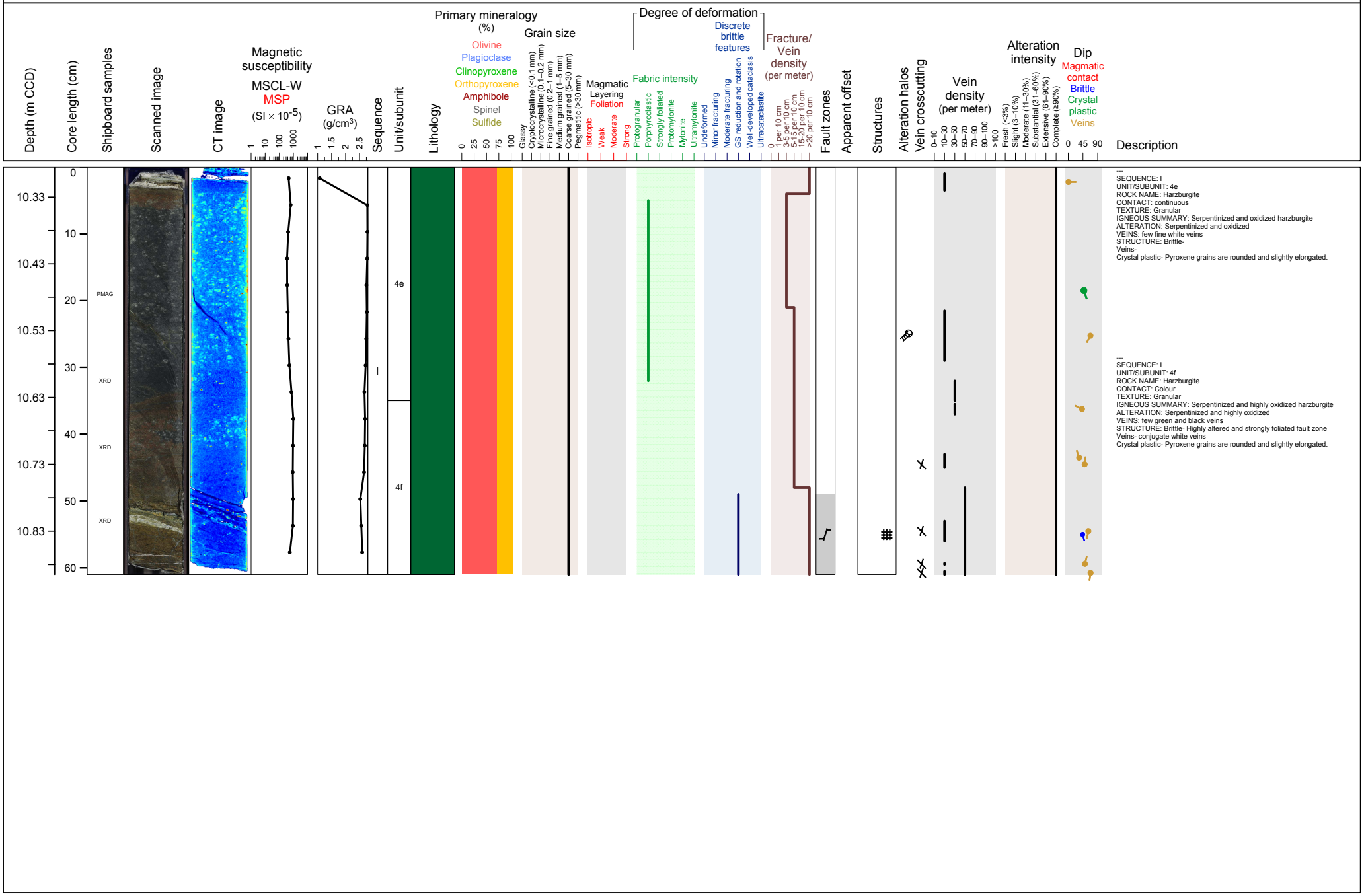
SEQUENCE: I
UNIT/SUBUNIT: 4c
ROCK NAME: Gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: Highly altered gabbro
ALTERATION: highly altered
VEINS: large white and black veins
STRUCTURE: Brittle-
Veins- some relatively shallow dipping carbonate veins occur, serpentine veins steeper
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 4d
ROCK NAME: Harzburgite
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: Serpentinized and oxidized harzburgite
ALTERATION: Serpentinized and oxidized
VEINS: large green to white vein
STRUCTURE: Brittle-
Veins- some relatively shallow dipping carbonate veins occur, serpentine veins steeper
Crystal plastic- Pyroxene grains are moderately elongated.

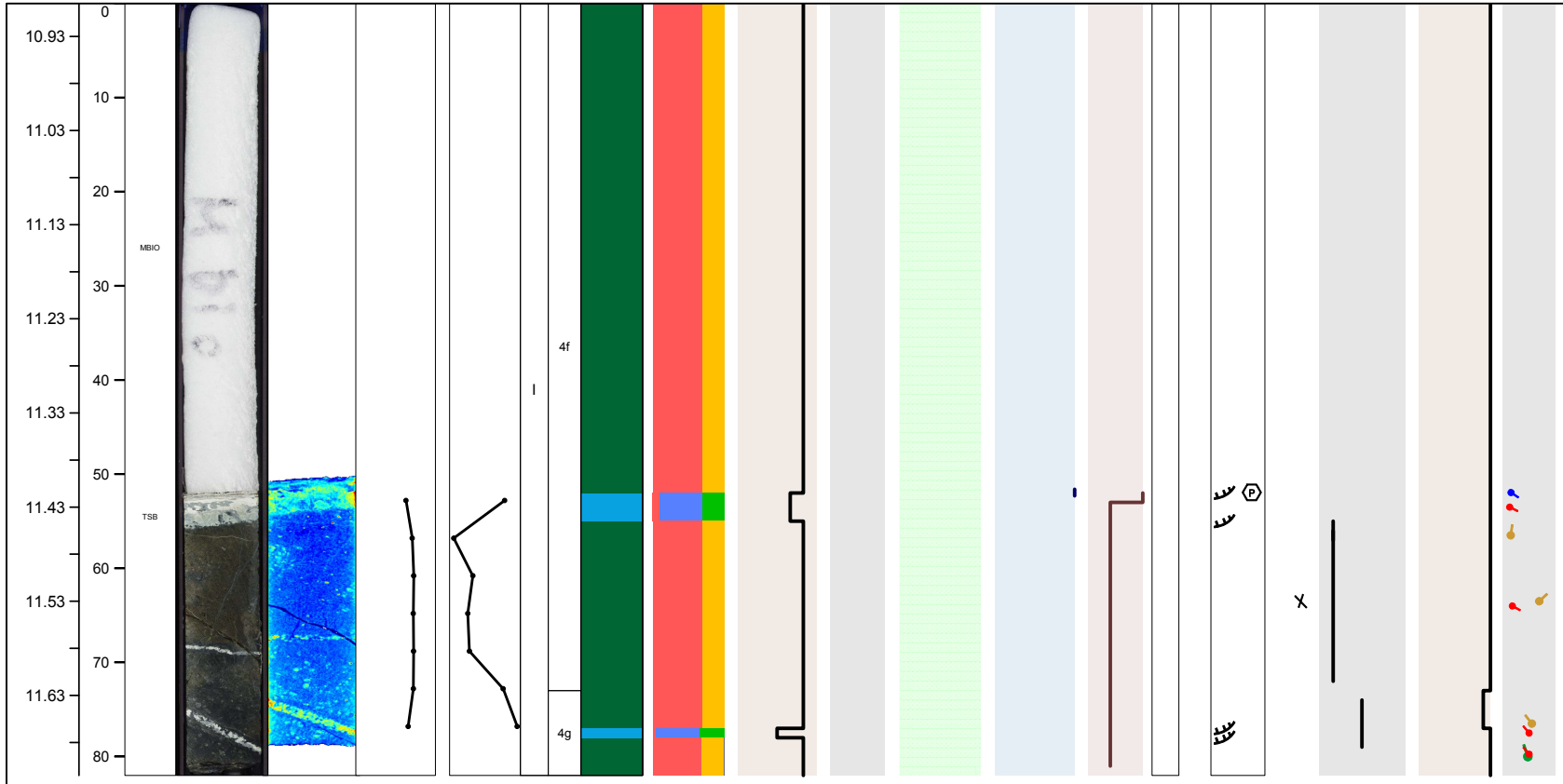
Hole BA4A-5Z Section 2, Top of Section 9.67 (m CCD)



Hole BA4A-5Z Section 3, Top of Section 10.29 (m CCD)



Hole BA4A-5Z Section 4, Top of Section 10.90 (m CCD)



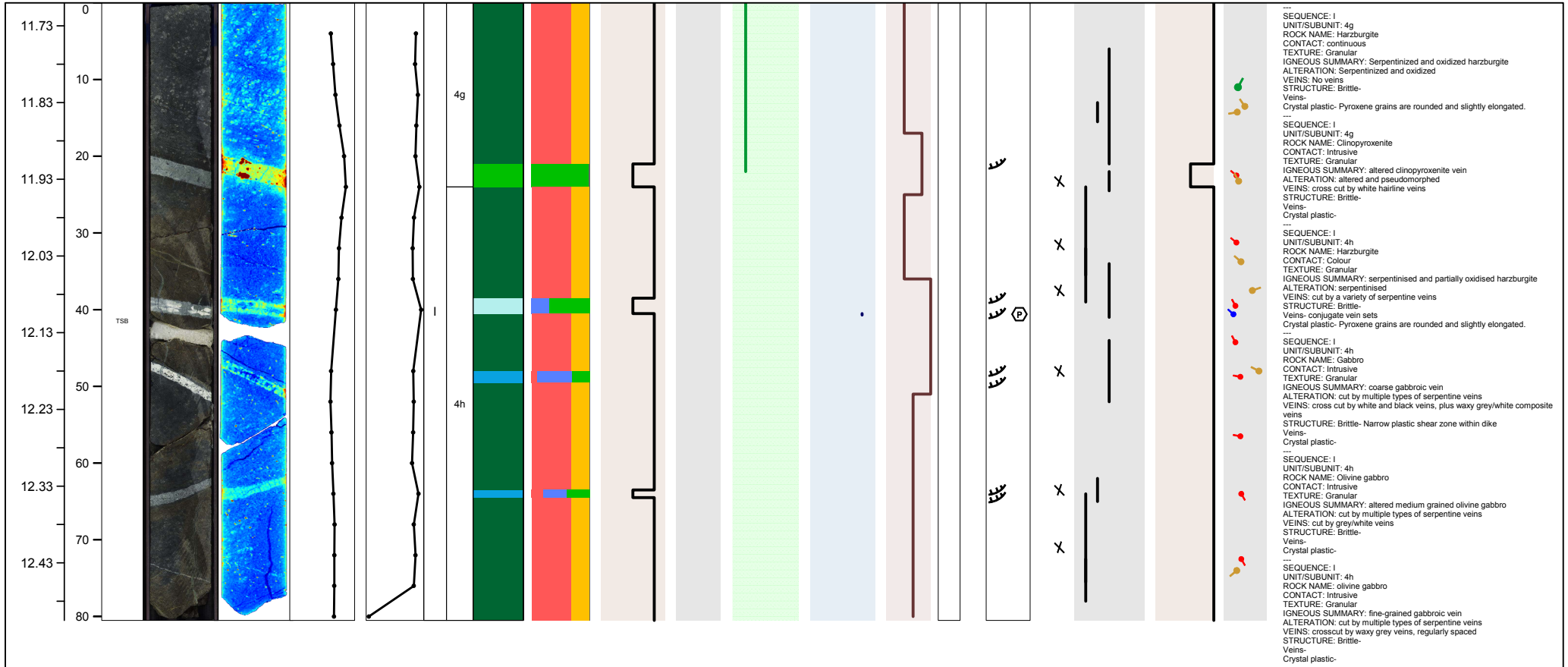
SEQUENCE: I
UNIT/SUBUNIT: 4f
ROCK NAME: Harzburgite
CONTACT: Colour
TEXTURE: Granular
IGNEOUS SUMMARY: Serpentinized and highly oxidized harzburgite
ALTERATION: Serpentinized and highly oxidized
VEINS: few green and black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 4f
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: Highly altered olivine gabbro
ALTERATION: highly altered
VEINS: few green veins
STRUCTURE: Brittle- Crystal plastic deformation within dike
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 4g
ROCK NAME: Harzburgite
CONTACT: Colour
TEXTURE: Granular
IGNEOUS SUMMARY: Serpentinized and oxidized harzburgite
ALTERATION: Serpentinized and oxidized
VEINS: No veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 4g
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: Highly altered olivine gabbro
ALTERATION: highly altered
VEINS: some fine white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-6Z Section 1, Top of Section 11.70 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 4g
ROCK NAME: Harzburgite
CONTACT: continuous
TEXTURE: Granular
IGNEOUS SUMMARY: Serpentinized and oxidized harzburgite
ALTERATION: Serpentinized and oxidized
VEINS: No veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 4g
ROCK NAME: Clinopyroxenite
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered clinopyroxenite vein
ALTERATION: altered and pseudomorphed
VEINS: cross cut by white hairline veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

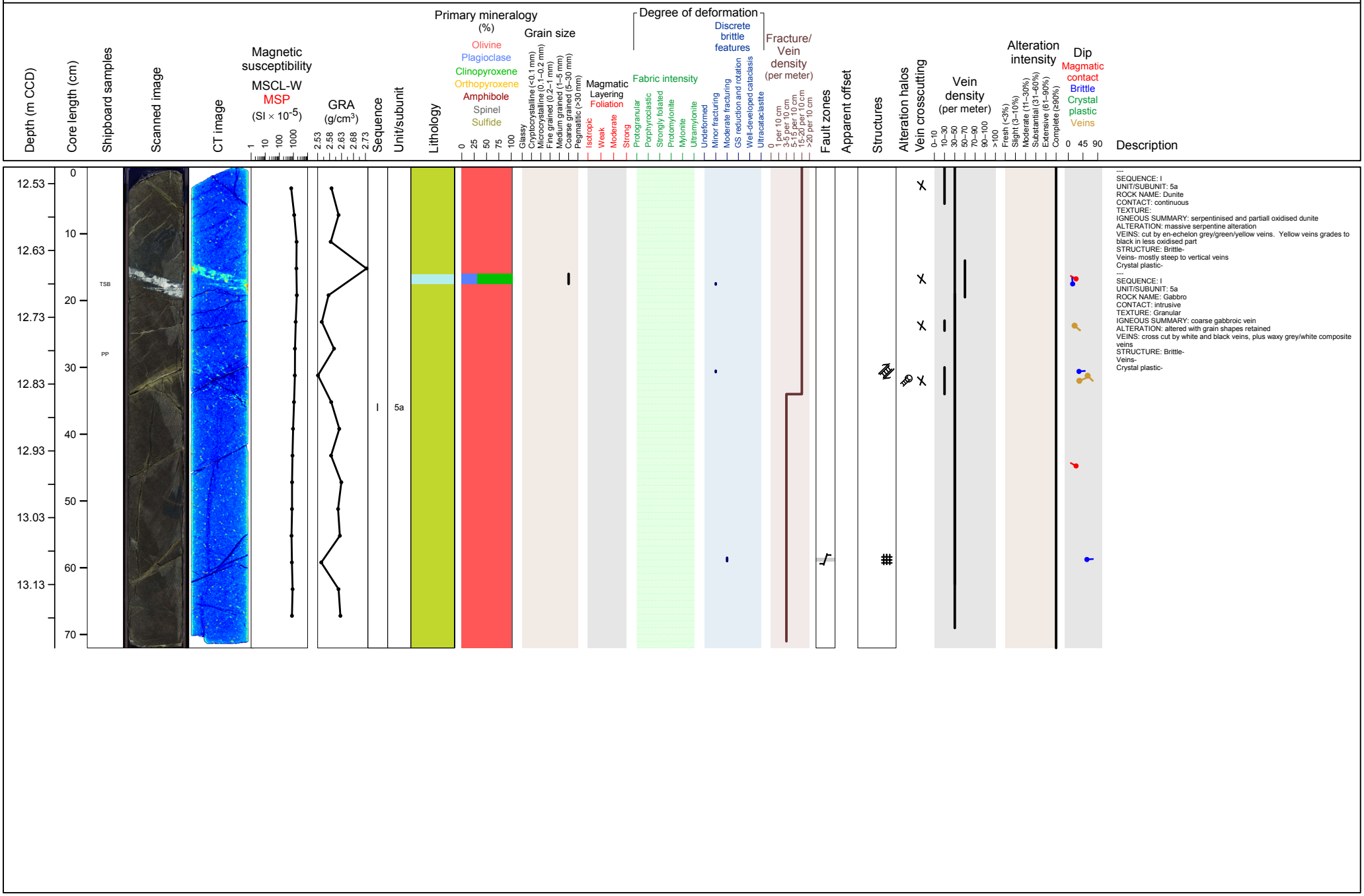
SEQUENCE: I
UNIT/SUBUNIT: 4h
ROCK NAME: Harzburgite
CONTACT: Colour
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinised and partially oxidised harzburgite
ALTERATION: serpentinised
VEINS: cut by a variety of serpentine veins
STRUCTURE: Brittle-
Veins- conjugate vein sets
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 4h
ROCK NAME: Gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: coarse gabbroic vein
ALTERATION: cut by multiple types of serpentine veins
VEINS: cross cut by white and black veins, plus waxy grey/white composite veins
STRUCTURE: Brittle- Narrow plastic shear zone within dike
Veins-
Crystal plastic-

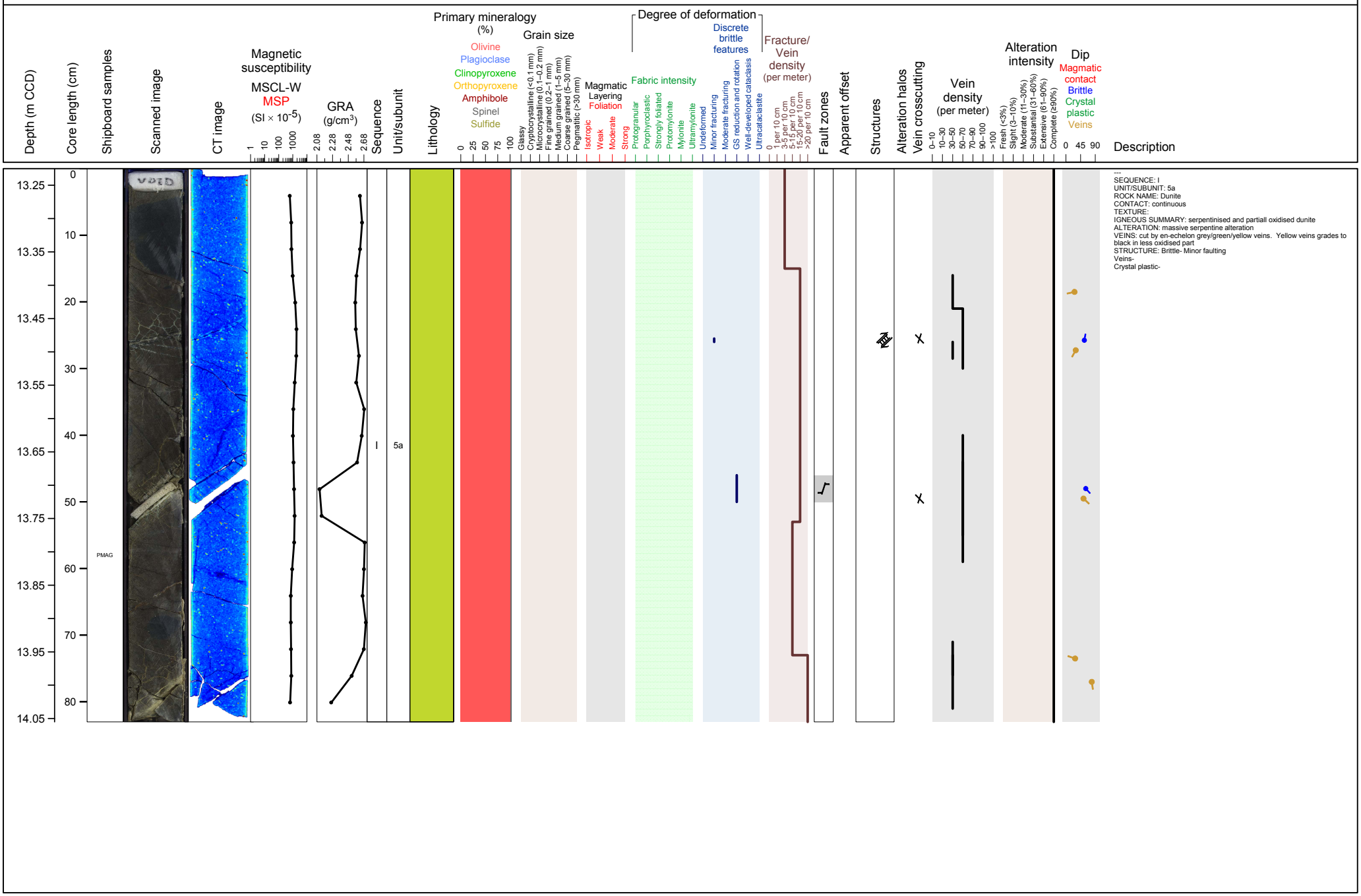
SEQUENCE: I
UNIT/SUBUNIT: 4h
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered medium grained olivine gabbro
ALTERATION: cut by multiple types of serpentine veins
VEINS: cut by grey/white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 4h
ROCK NAME: olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: fine-grained gabbroic vein
ALTERATION: cut by multiple types of serpentine veins
VEINS: crosscut by waxy grey veins, regularly spaced
STRUCTURE: Brittle-
Veins-
Crystal plastic-

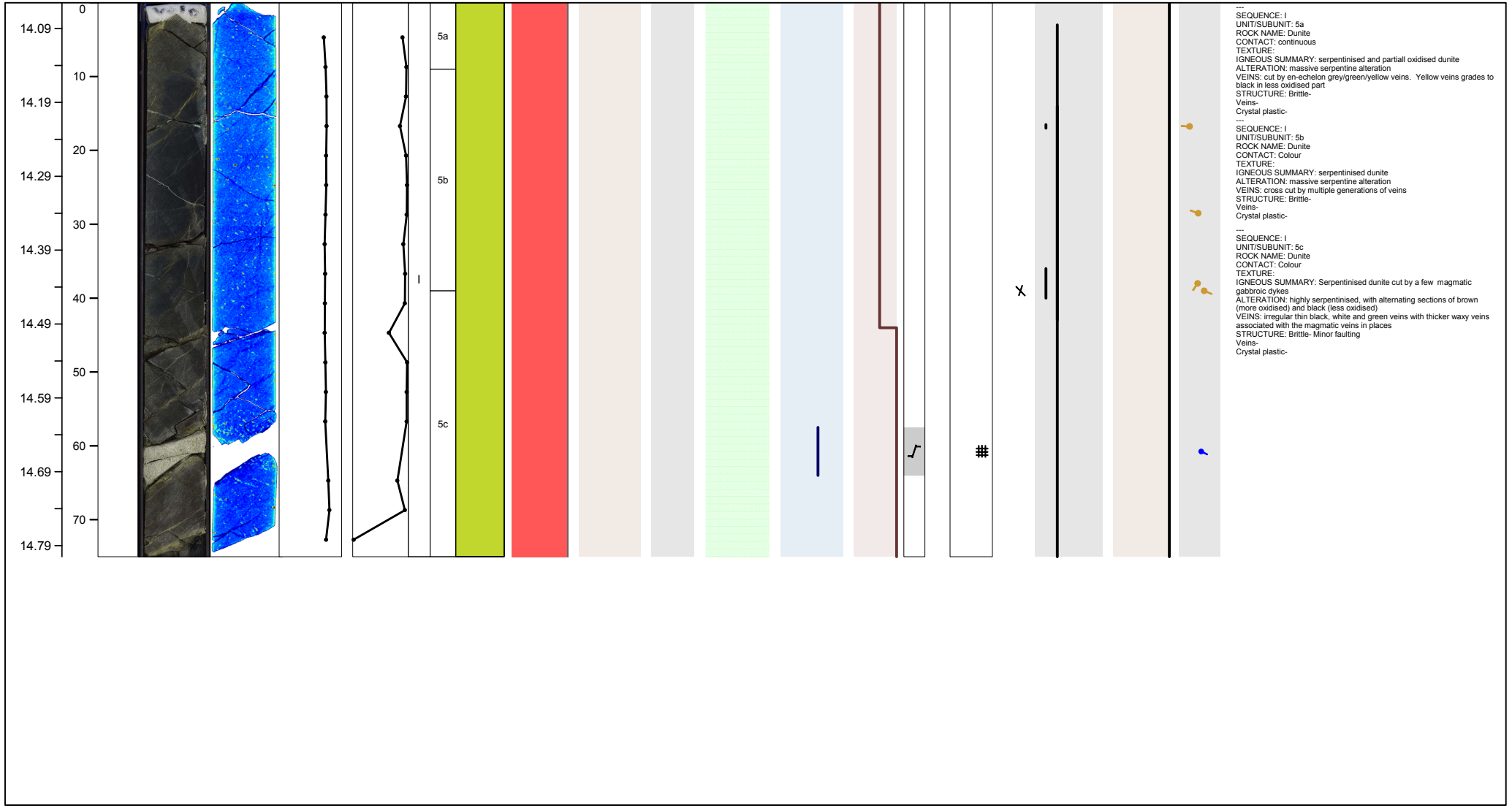
Hole BA4A-6Z Section 2, Top of Section 12.51 (m CCD)



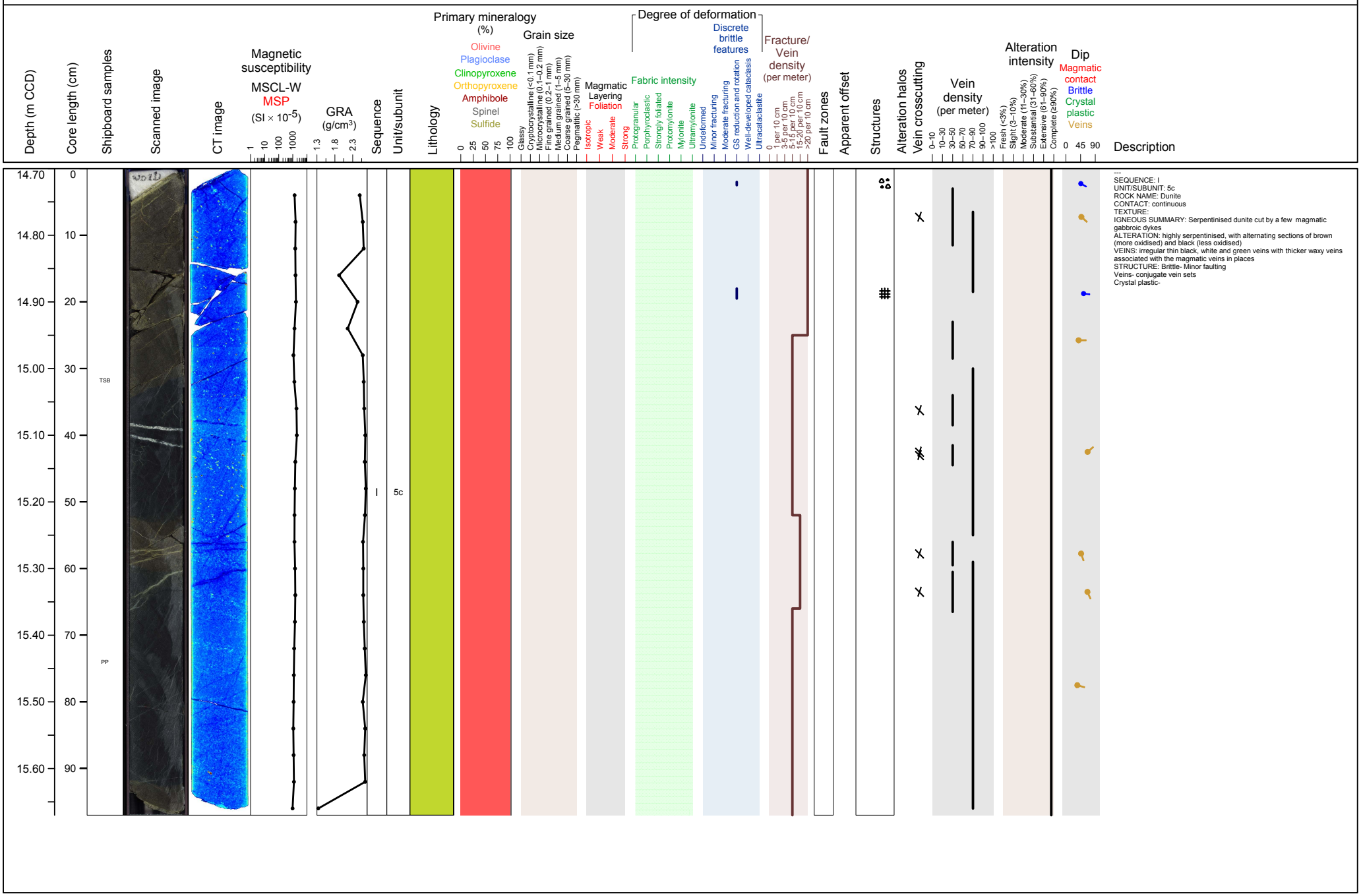
Hole BA4A-6Z Section 3, Top of Section 13.23 (m CCD)



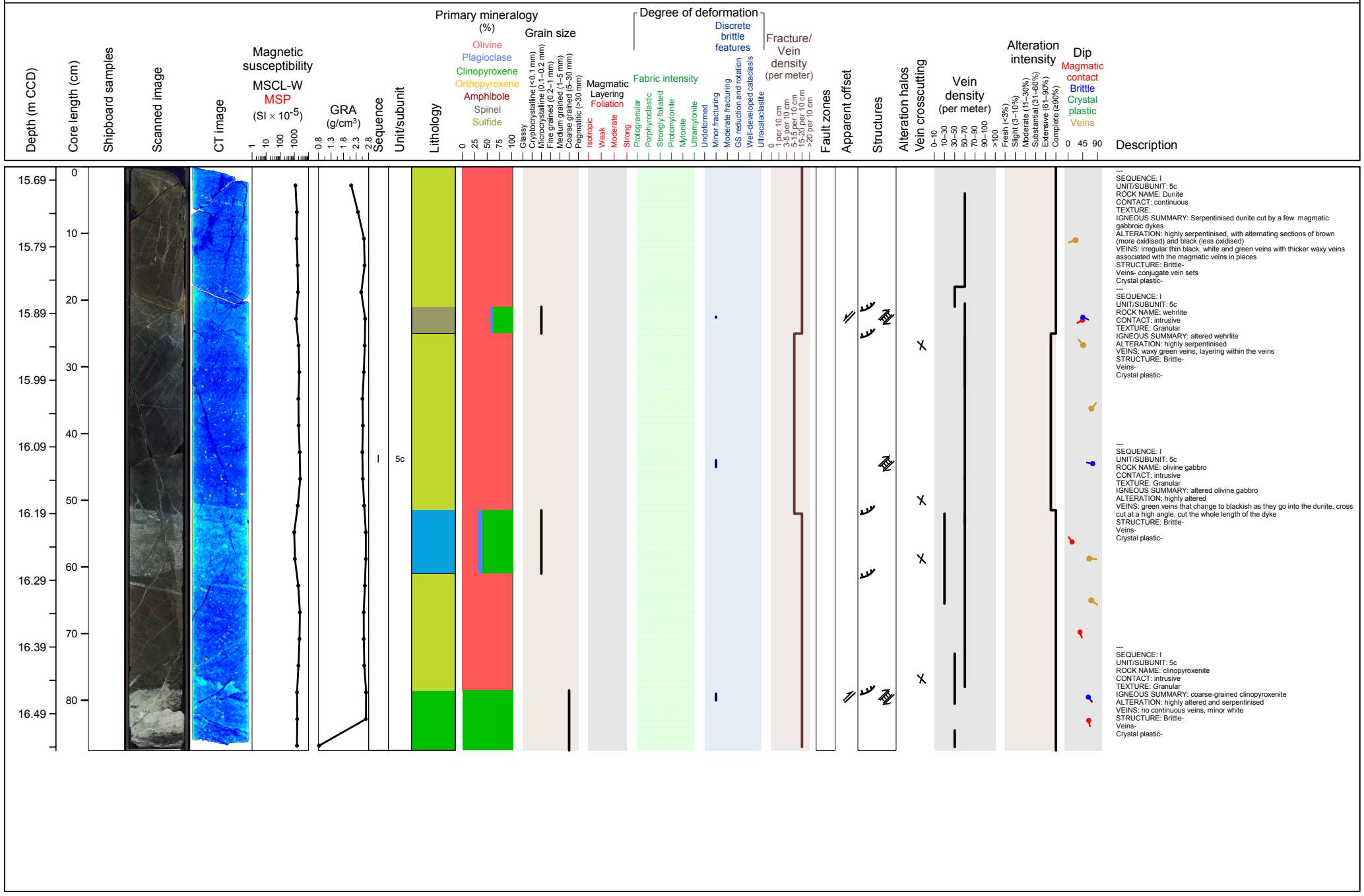
Hole BA4A-6Z Section 4, Top of Section 14.06 (m CCD)



Hole BA4A-7Z Section 1, Top of Section 14.70 (m CCD)



Hole BA4A-7Z Section 2, Top of Section 15.67 (m CCD)



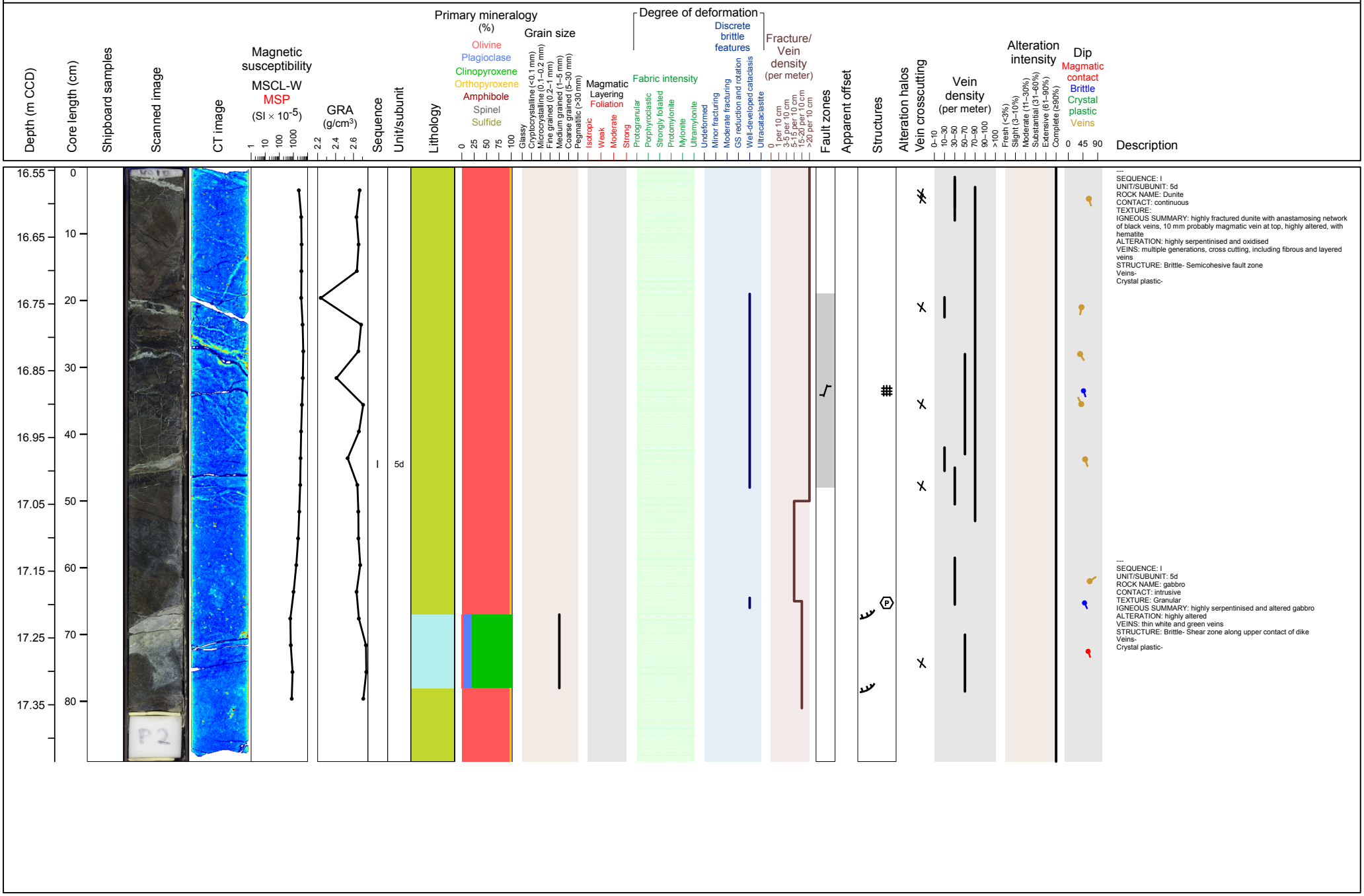
SEQUENCE: I
UNIT/SUBUNIT: 5c
ROCK NAME: Dunite
CONTACT: continuous
TEXTURE:
IGNEOUS SUMMARY: Serpentinised dunite cut by a few magmatic gabbroic dykes
ALTERATION: highly serpentinised, with alternating sections of brown (more oxidised) and black (less oxidised)
VEINS: irregular thin black, white and green veins with thicker waxy veins associated with the magmatic veins in places
STRUCTURE: Brittle-
Veins- conjugate vein sets
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 5c
ROCK NAME: wehrlite
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered wehrlite
ALTERATION: highly serpentinised
VEINS: waxy green veins, layering within the veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

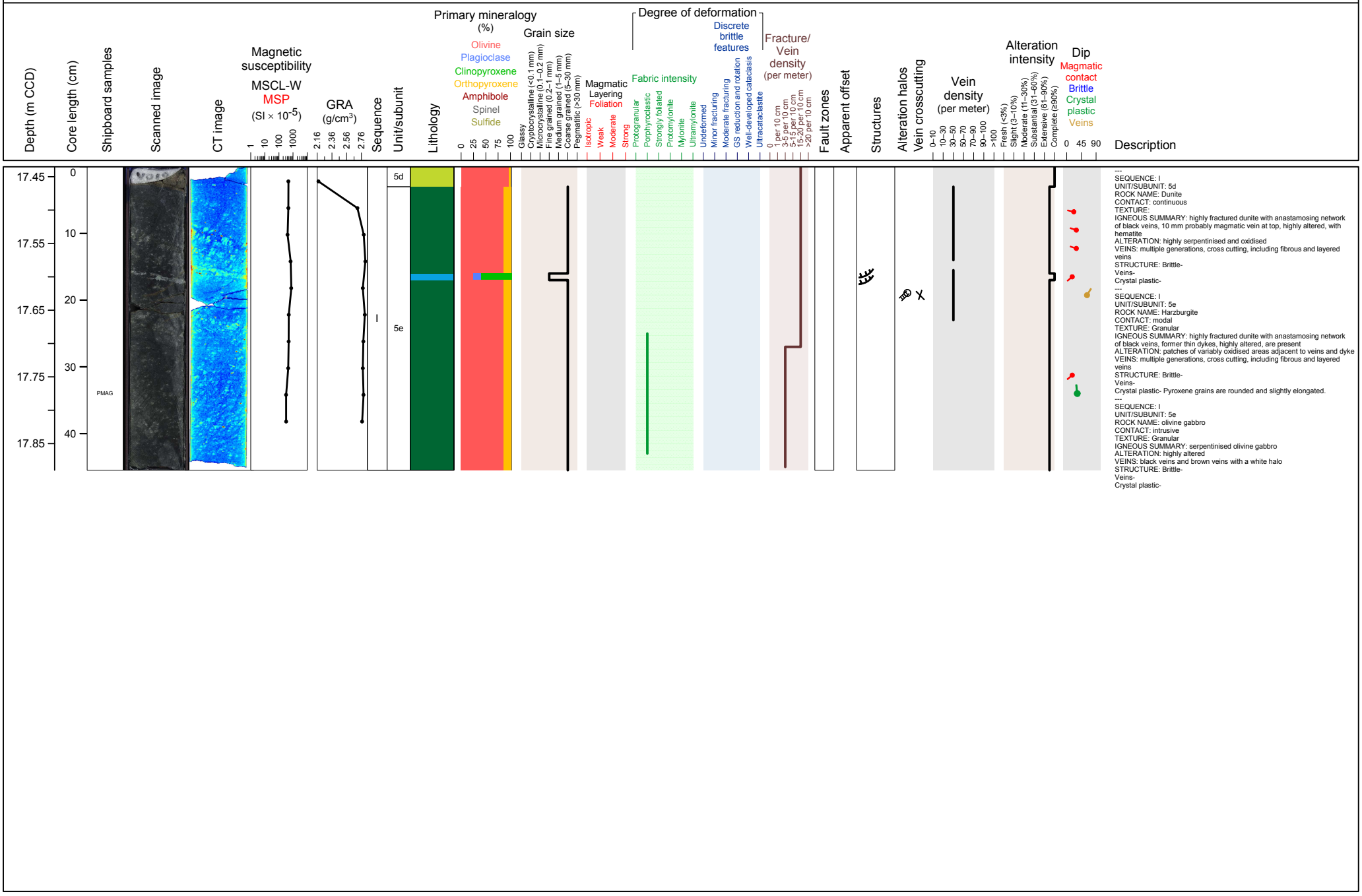
SEQUENCE: I
UNIT/SUBUNIT: 5c
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered olivine gabbro
ALTERATION: highly altered
VEINS: green veins that change to blackish as they go into the dunite, cross cut at a high angle, cut the whole length of the dyke
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 5c
ROCK NAME: clinopyroxenite
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: coarse-grained clinopyroxenite
ALTERATION: highly altered and serpentinised
VEINS: no continuous veins, minor white
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-7Z Section 3, Top of Section 16.55 (m CCD)



Hole BA4A-7Z Section 4, Top of Section 17.44 (m CCD)

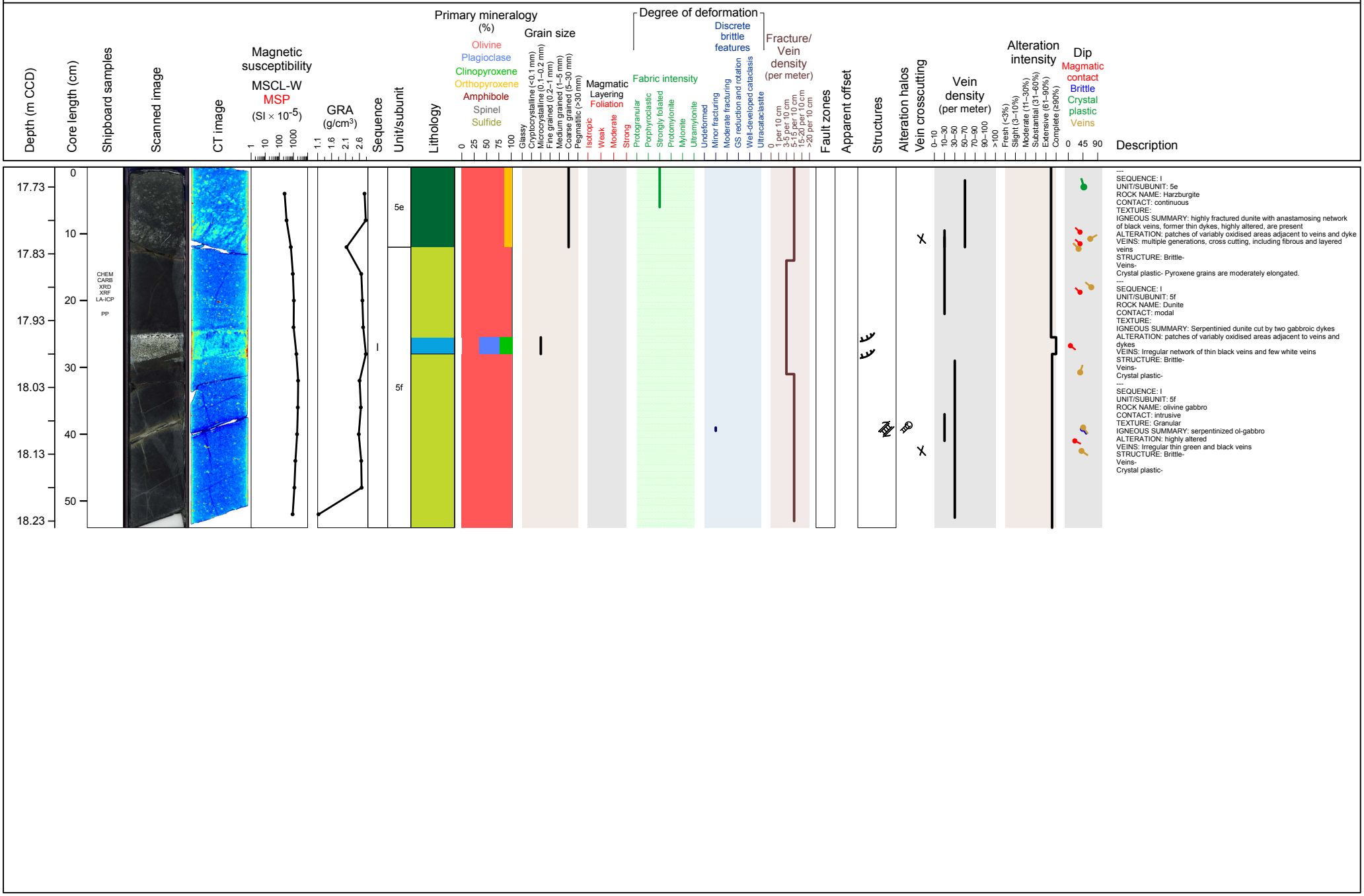


SEQUENCE: I
UNIT/SUBUNIT: 5d
ROCK NAME: Dunite
CONTACT: continuous
TEXTURE:
IGNEOUS SUMMARY: highly fractured dunite with anastamosing network of black veins, 10 mm probably magmatic vein at top, highly altered, with hematite
ALTERATION: highly serpentinised and oxidised
VEINS: multiple generations, cross cutting, including fibrous and layered veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

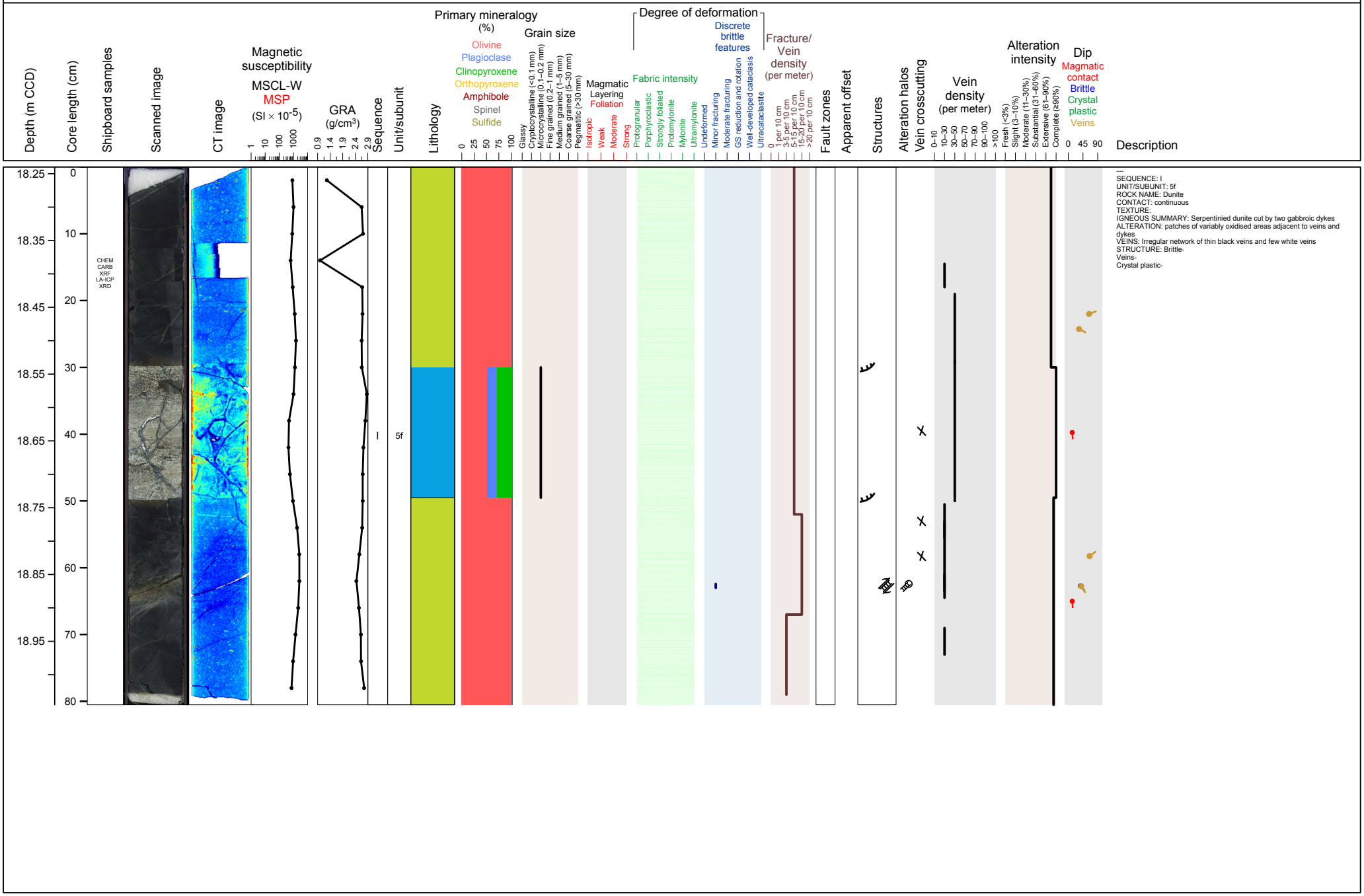
SEQUENCE: I
UNIT/SUBUNIT: 5e
ROCK NAME: Harzburgite
CONTACT: modal
TEXTURE: Granular
IGNEOUS SUMMARY: highly fractured dunite with anastamosing network of black veins, former thin dykes, highly altered, are present
ALTERATION: patches of variably oxidised areas adjacent to veins and dyke
VEINS: multiple generations, cross cutting, including fibrous and layered veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 5e
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinised olivine gabbro
ALTERATION: highly altered
VEINS: black veins and brown veins with a white halo
STRUCTURE: Brittle-
Veins-
Crystal plastic-

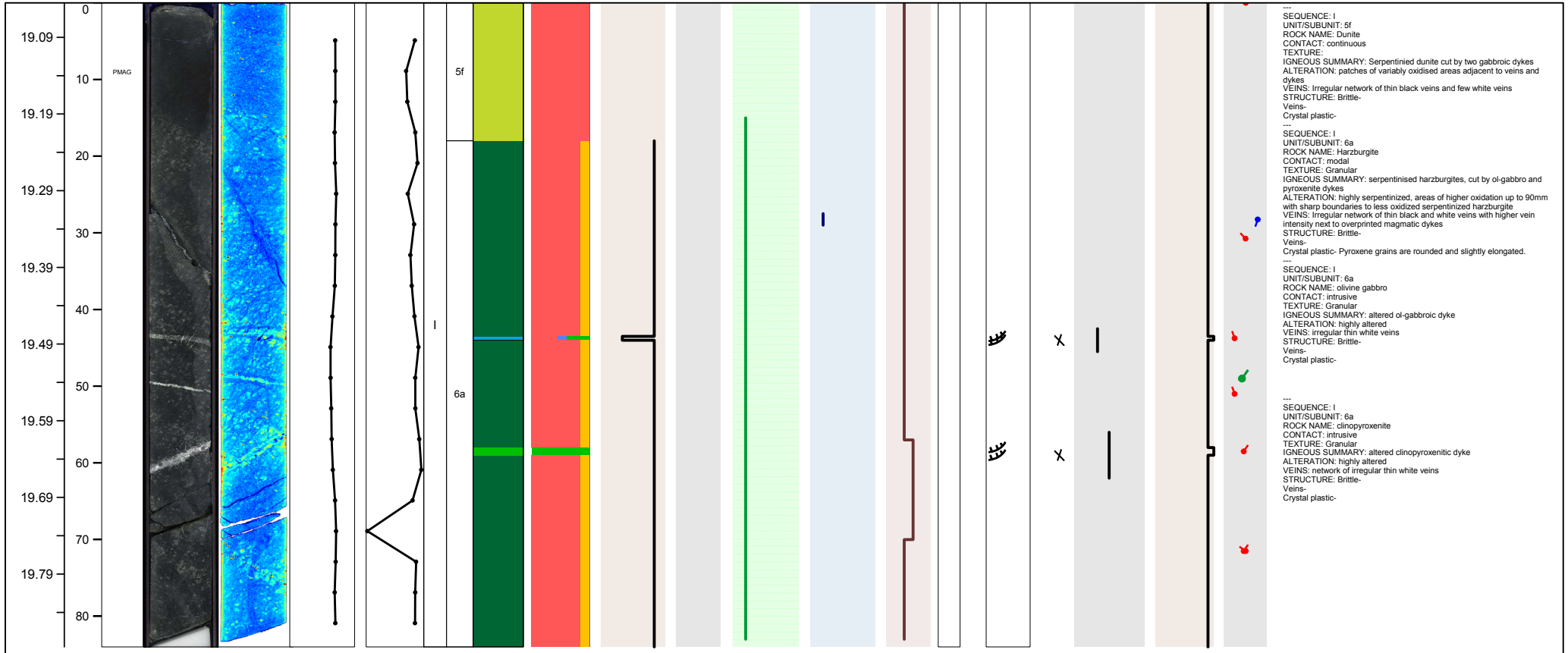
Hole BA4A-8Z Section 1, Top of Section 17.70 (m CCD)



Hole BA4A-8Z Section 2, Top of Section 18.24 (m CCD)



Hole BA4A-8Z Section 3, Top of Section 19.05 (m CCD)



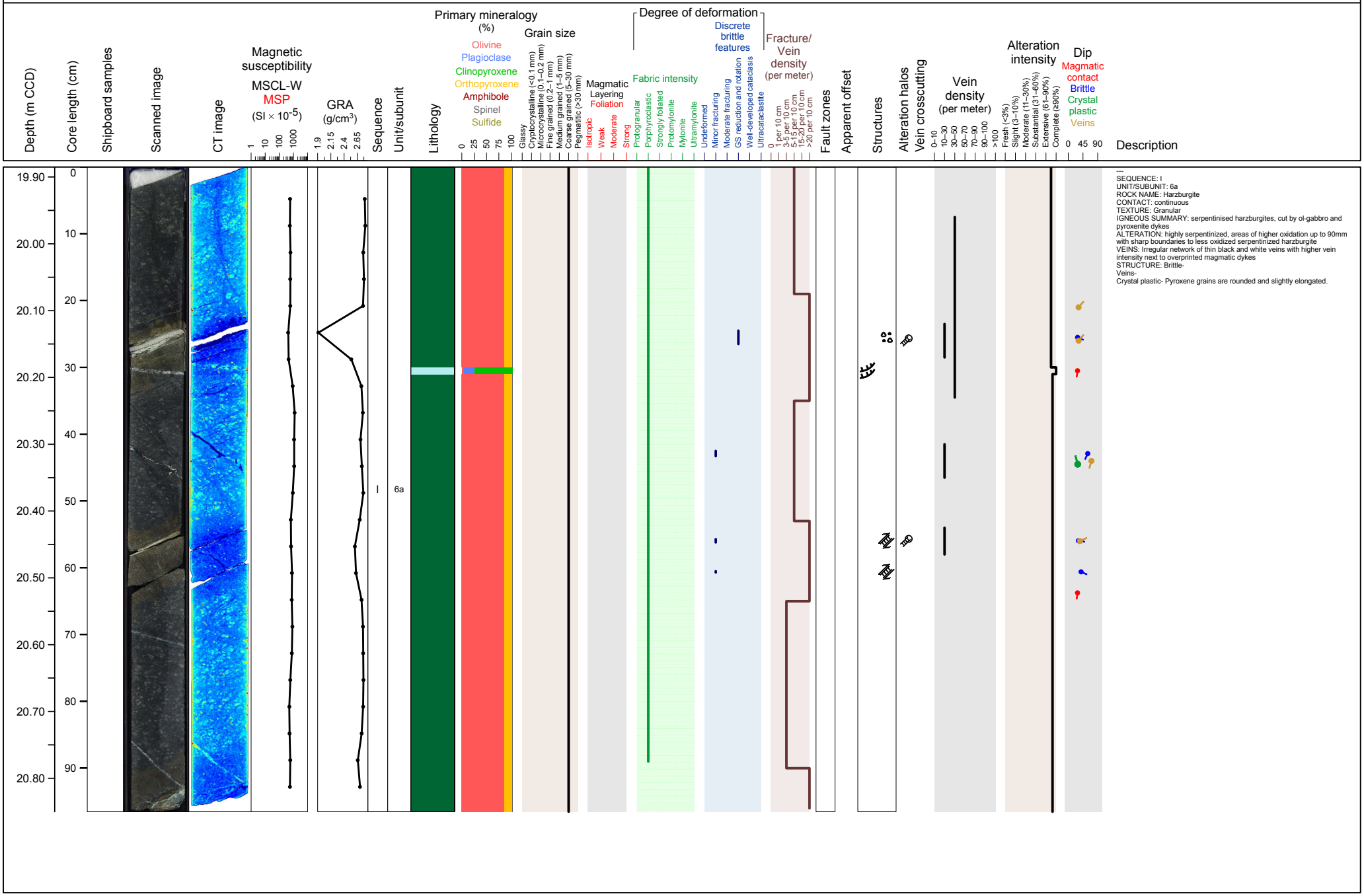
SEQUENCE: I
UNIT/SUBUNIT: 5f
ROCK NAME: Dunite
CONTACT: continuous
TEXTURE:
IGNEOUS SUMMARY: Serpentinied dunite cut by two gabbroic dykes
ALTERATION: patches of variably oxidised areas adjacent to veins and dykes
VEINS: Irregular network of thin black veins and few white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 6a
ROCK NAME: Harzburgite
CONTACT: modal
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinised harzburgites, cut by ol-gabbro and pyroxenite dykes
ALTERATION: highly serpentinized, areas of higher oxidation up to 90mm with sharp boundaries to less oxidized serpentinized harzburgite
VEINS: Irregular network of thin black and white veins with higher vein intensity next to overprinted magmatic dykes
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

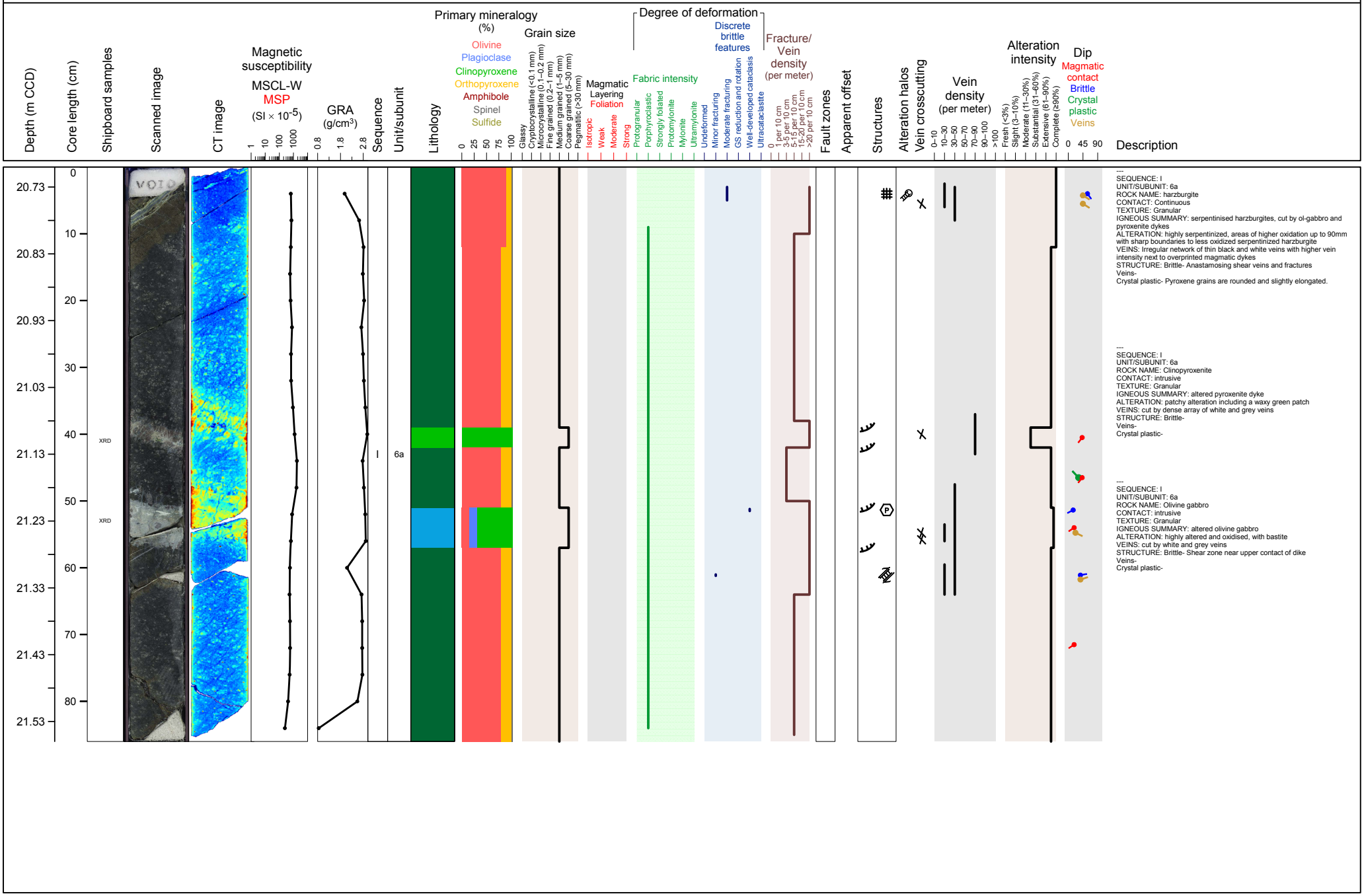
SEQUENCE: I
UNIT/SUBUNIT: 6a
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered ol-gabbroic dyke
ALTERATION: highly altered
VEINS: irregular thin white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 6a
ROCK NAME: clinopyroxenite
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered clinopyroxenitic dyke
ALTERATION: highly altered
VEINS: network of irregular thin white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

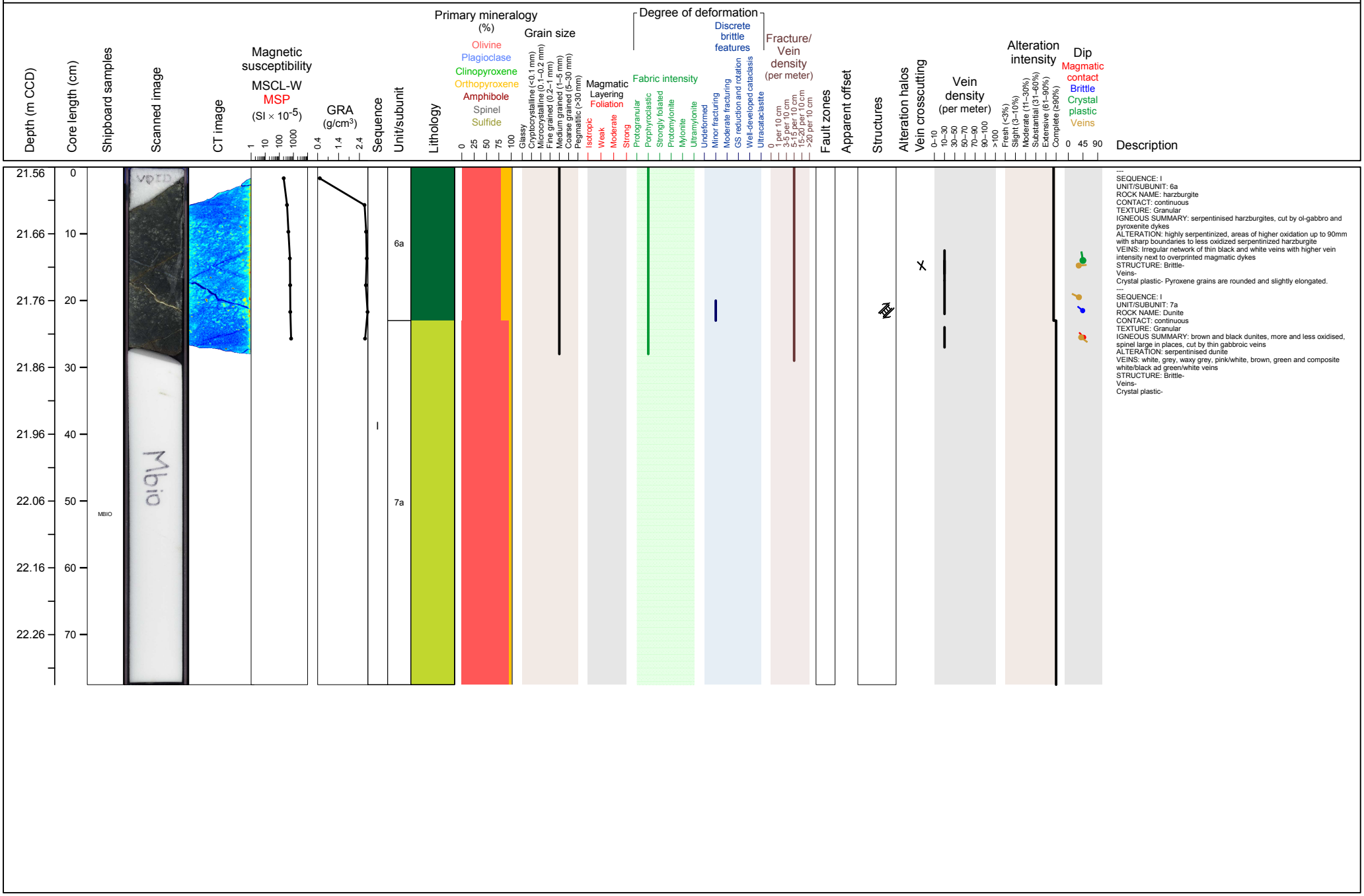
Hole BA4A-8Z Section 4, Top of Section 19.89 (m CCD)



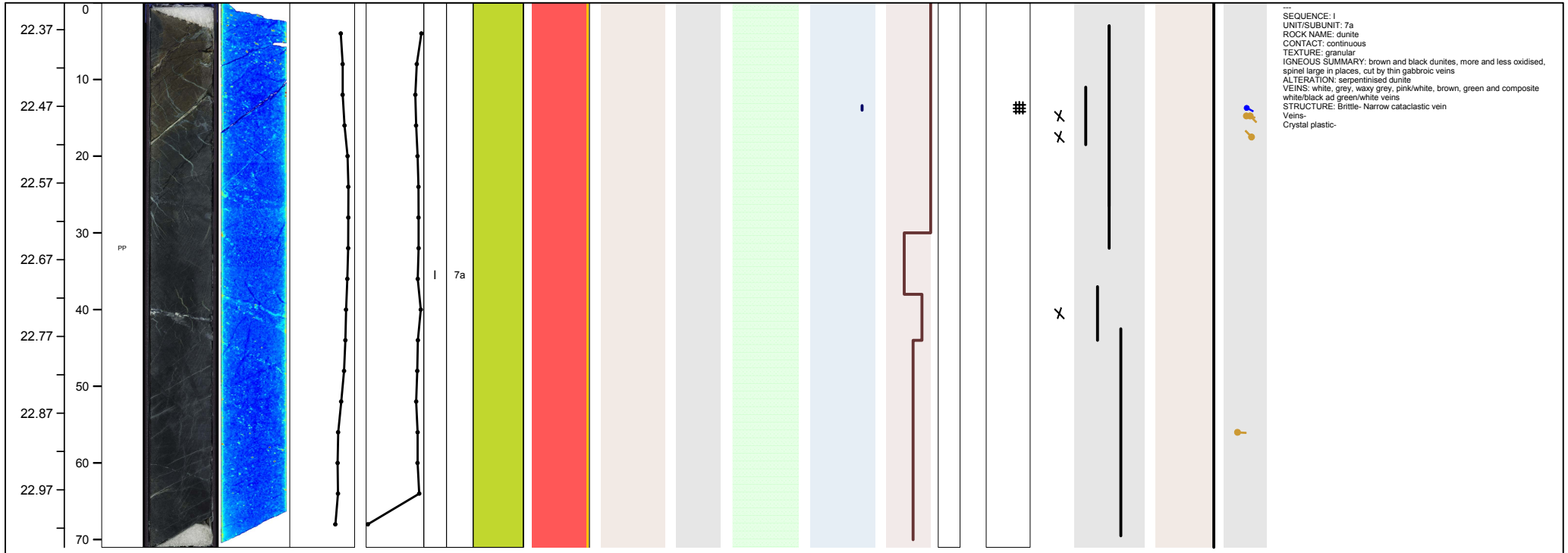
Hole BA4A-9Z Section 1, Top of Section 20.70 (m CCD)



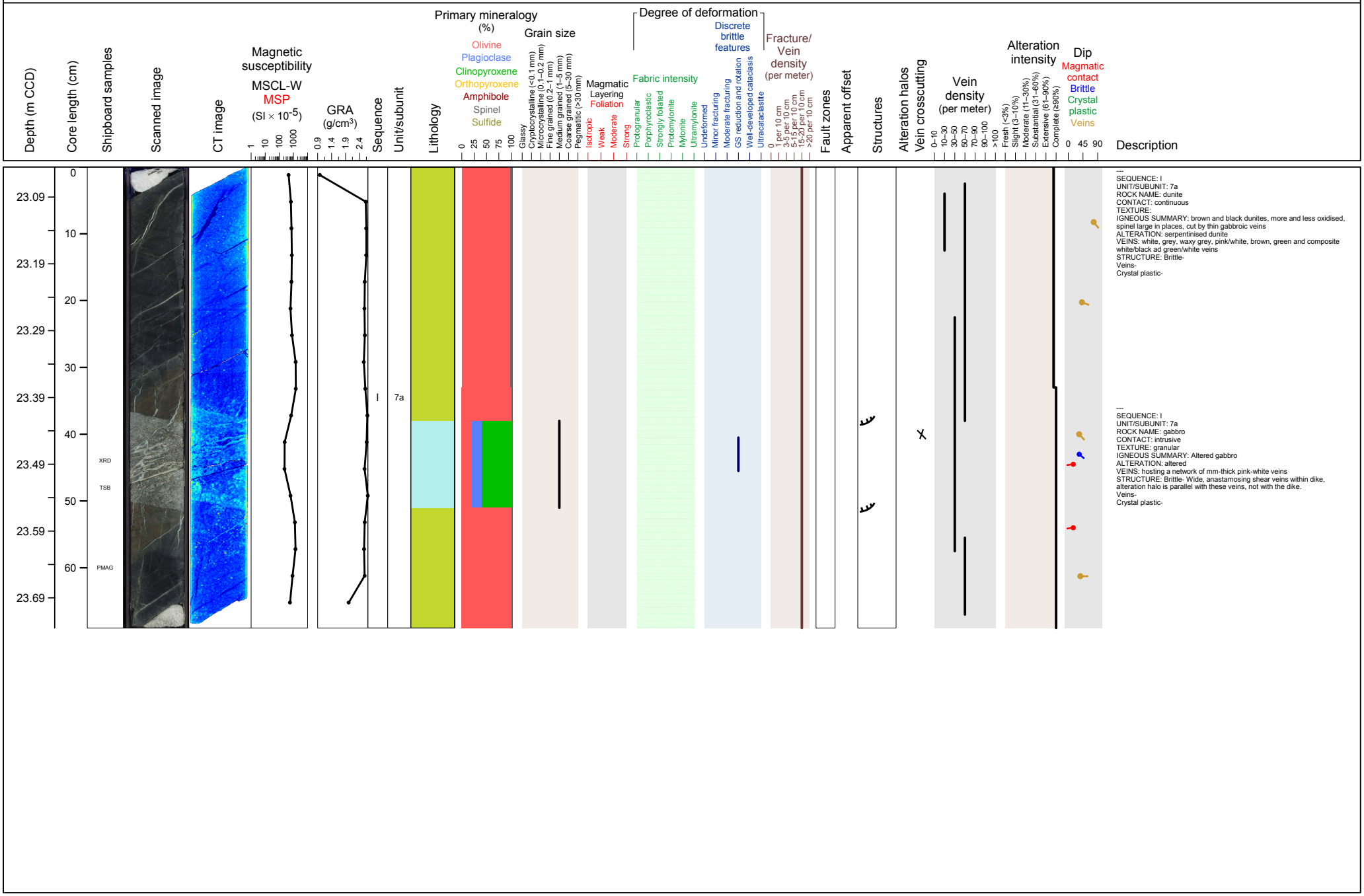
Hole BA4A-9Z Section 2, Top of Section 21.56 (m CCD)



Hole BA4A-9Z Section 3, Top of Section 22.34 (m CCD)



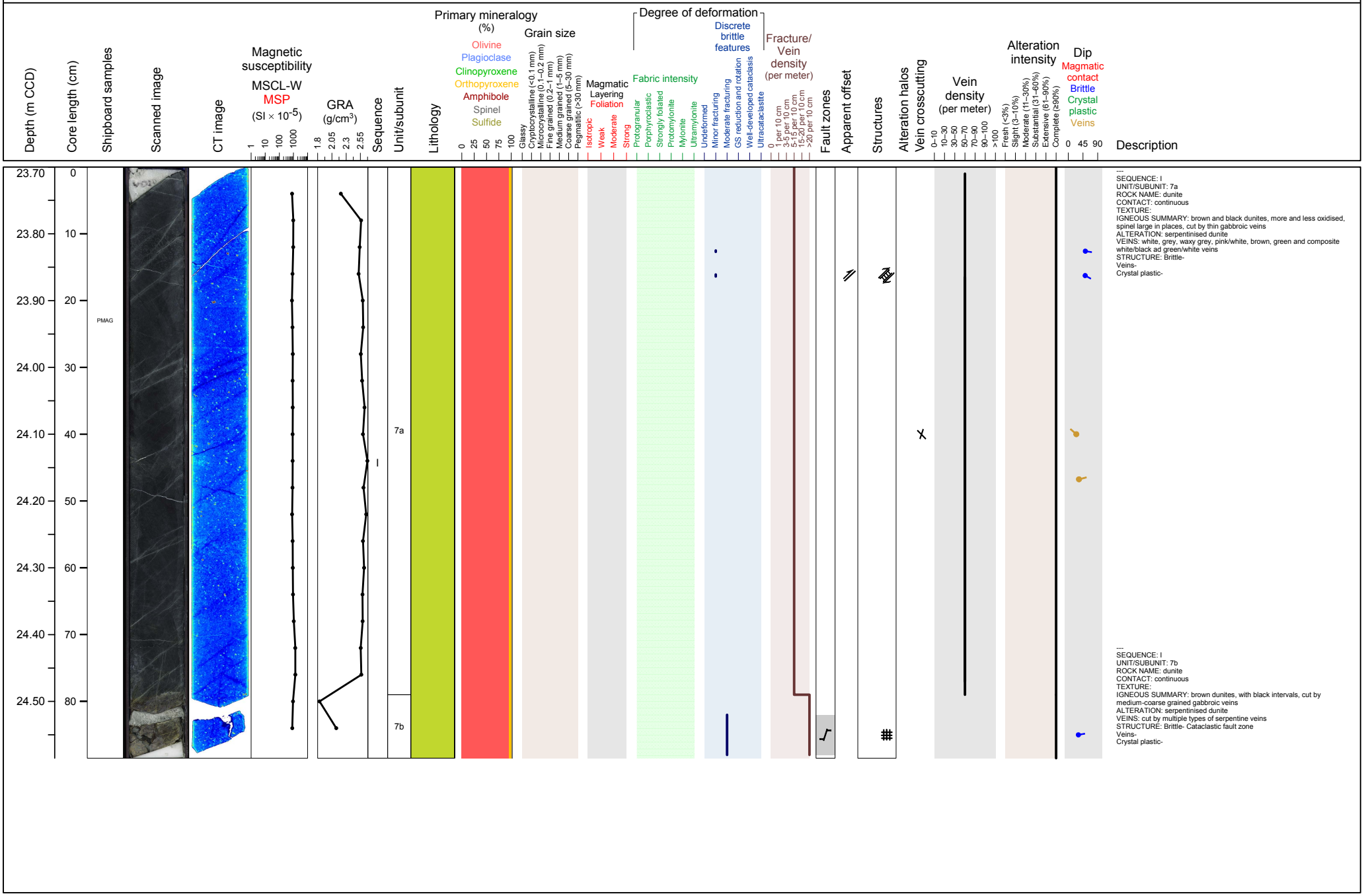
Hole BA4A-9Z Section 4, Top of Section 23.05 (m CCD)



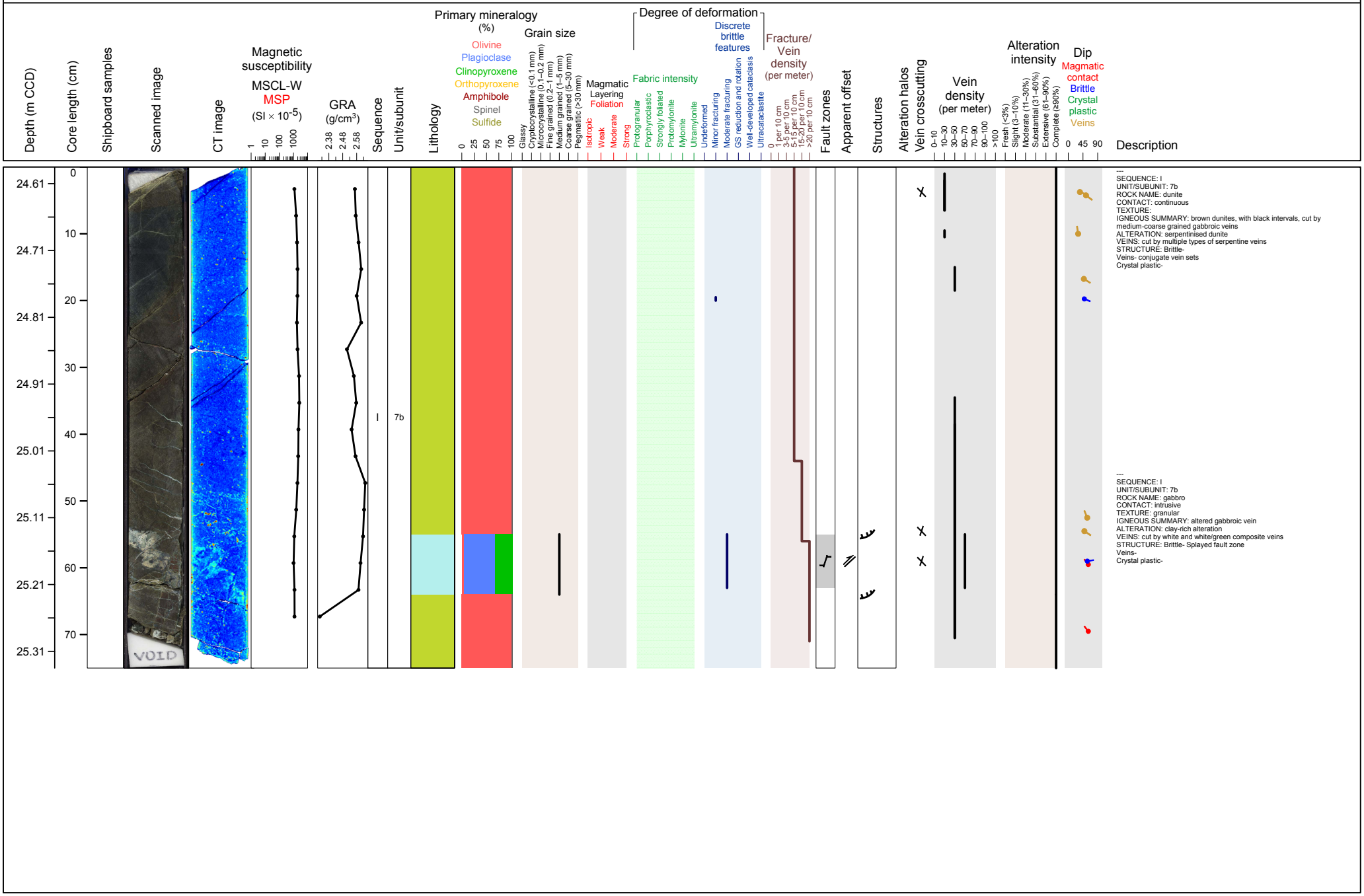
SEQUENCE: I
UNIT/SUBUNIT: 7a
ROCK NAME: dunite
CONTACT: continuous
TEXTURE:
IGNEOUS SUMMARY: brown and black dunites, more and less oxidised, spinel large in places, cut by thin gabbroic veins
ALTERATION: serpentinised dunite
VEINS: white, grey, waxy grey, pink/white, brown, green and composite white/black ad green/white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 7a
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: Altered gabbro
ALTERATION: altered
VEINS: hosting a network of mm-thick pink-white veins
STRUCTURE: Brittle- Wide, anastamosing shear veins within dike, alteration halo is parallel with these veins, not with the dike.
Veins-
Crystal plastic-

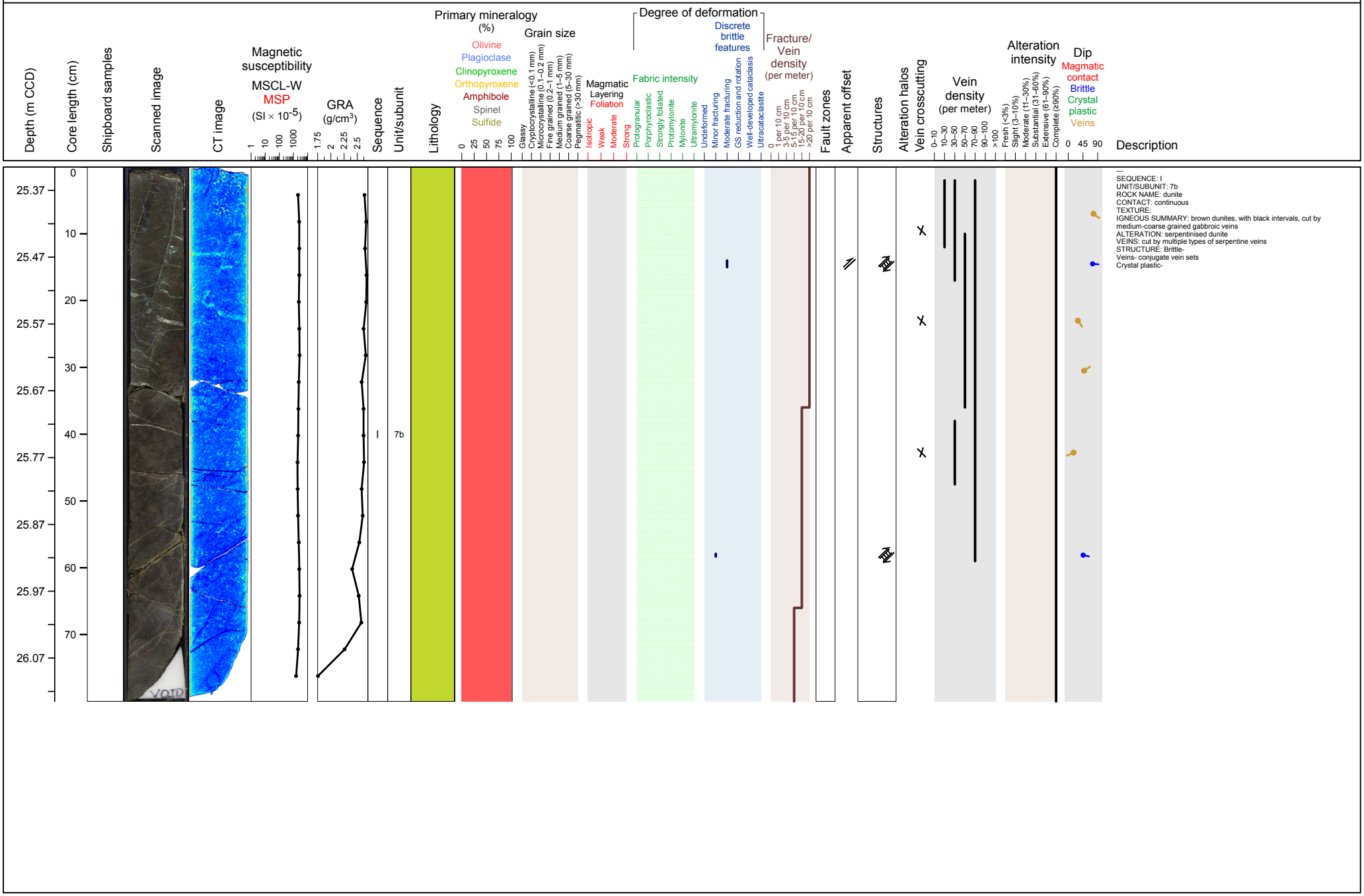
Hole BA4A-10Z Section 1, Top of Section 23.70 (m CCD)



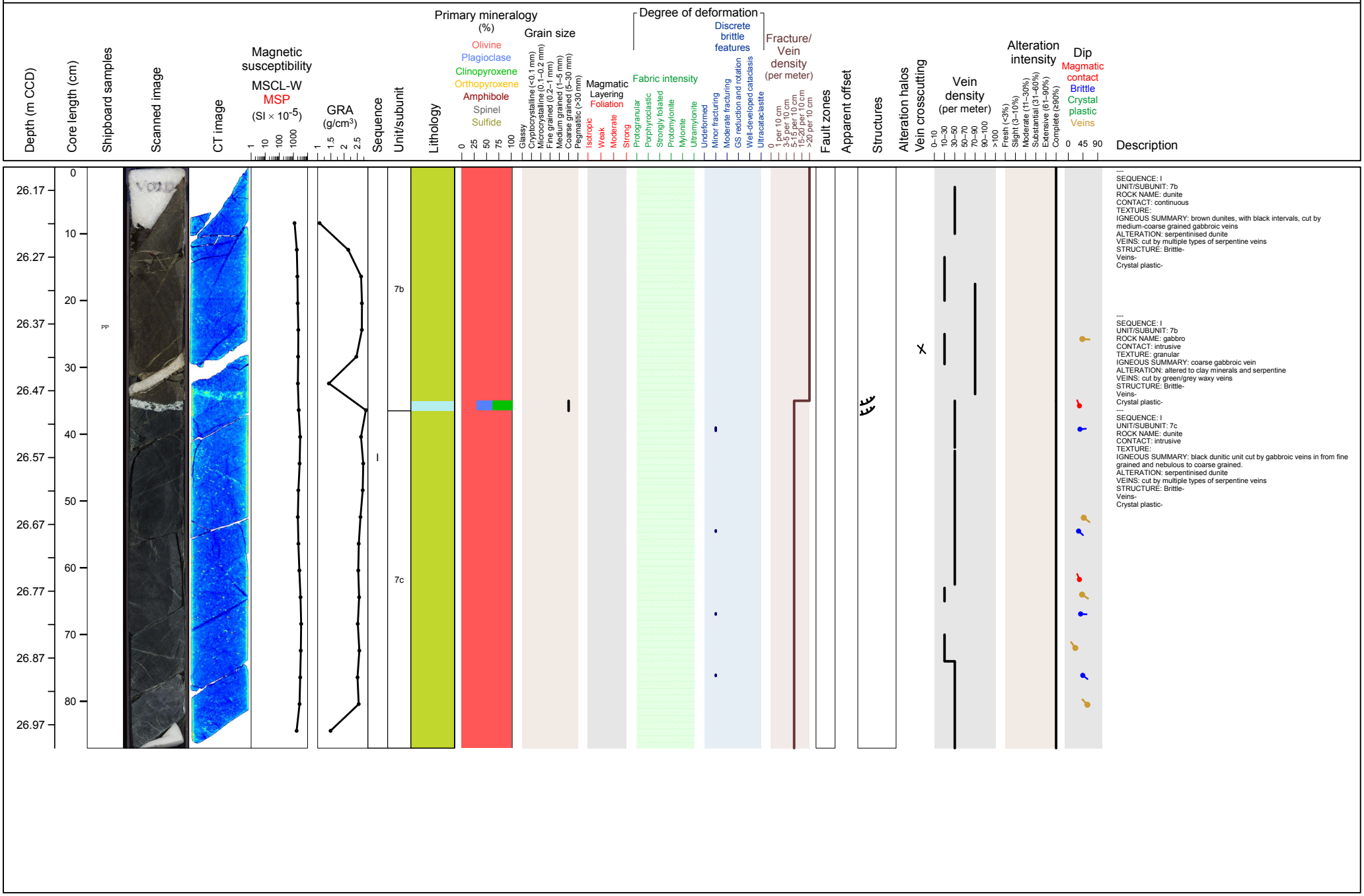
Hole BA4A-10Z Section 2, Top of Section 24.59 (m CCD)



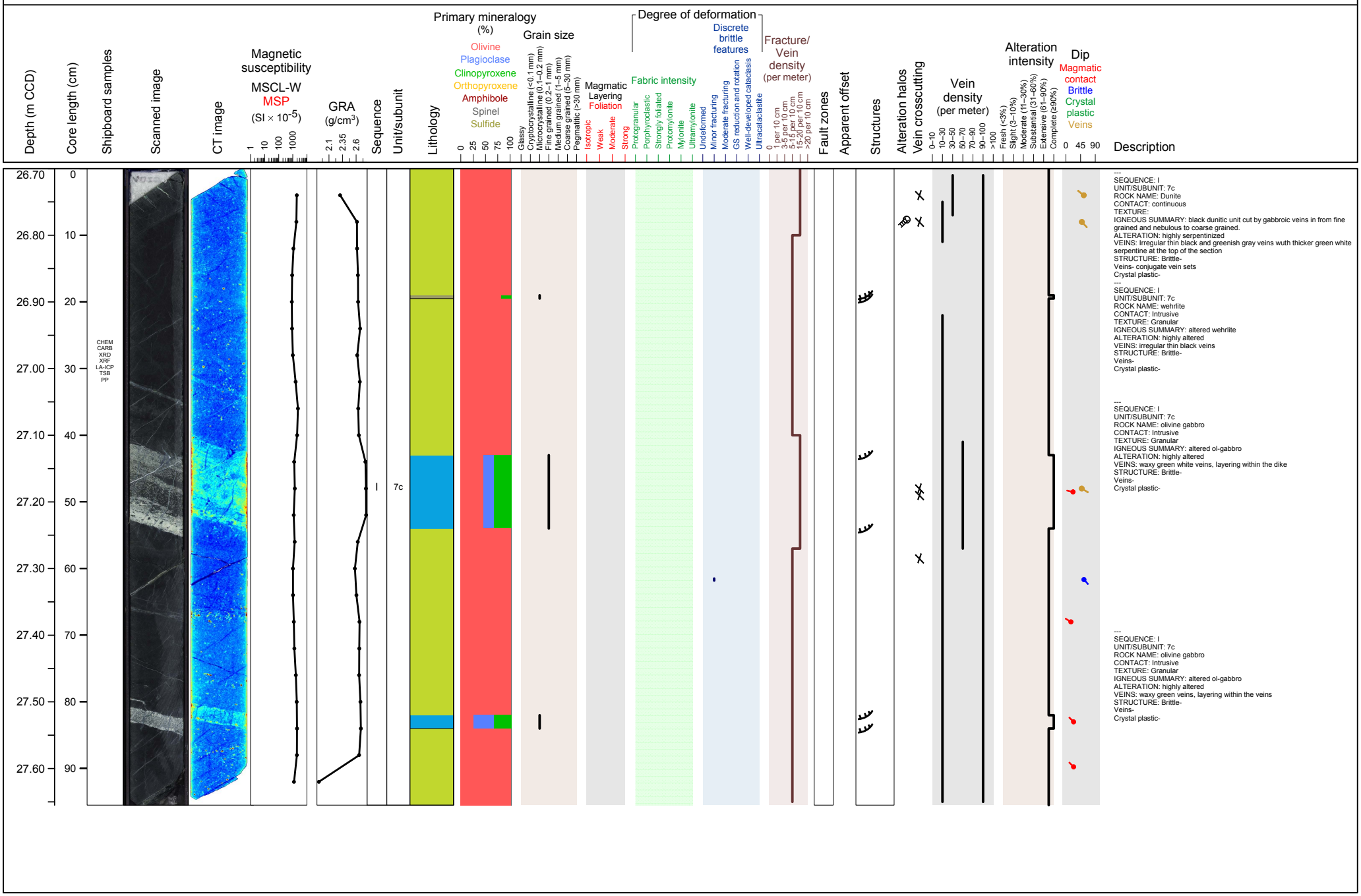
Hole BA4A-10Z Section 3, Top of Section 25.34 (m CCD)



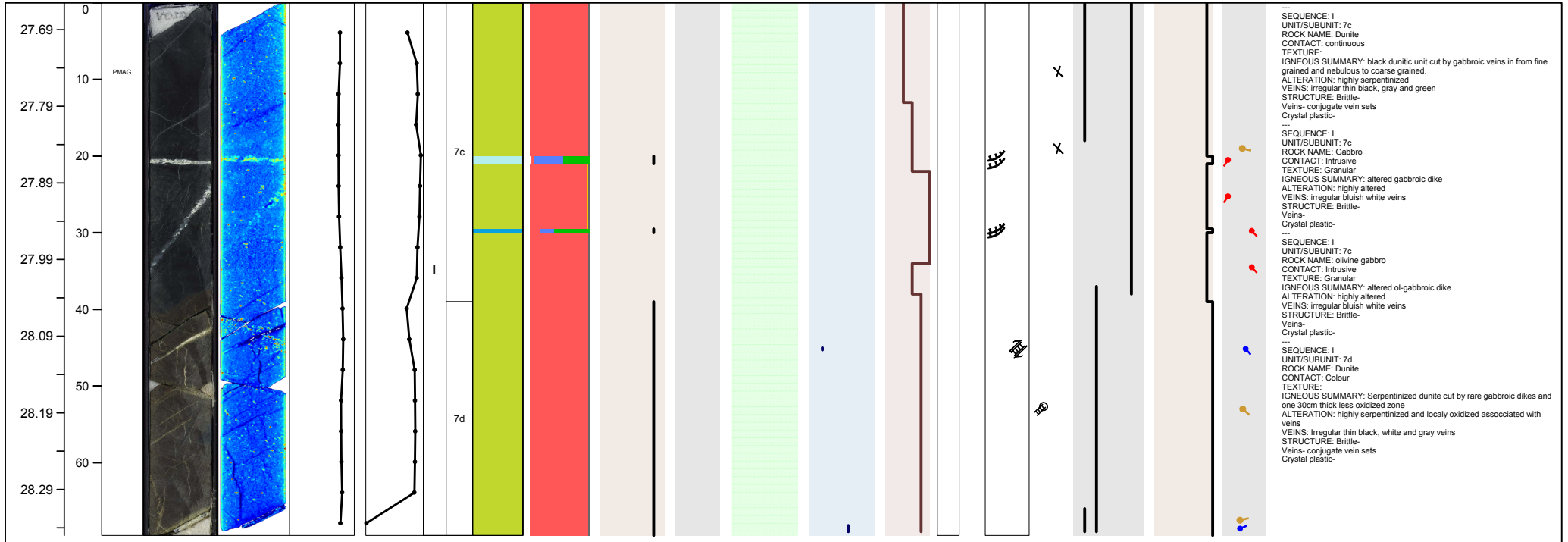
Hole BA4A-10Z Section 4, Top of Section 26.14 (m CCD)



Hole BA4A-11Z Section 1, Top of Section 26.70 (m CCD)



Hole BA4A-11Z Section 2, Top of Section 27.66 (m CCD)



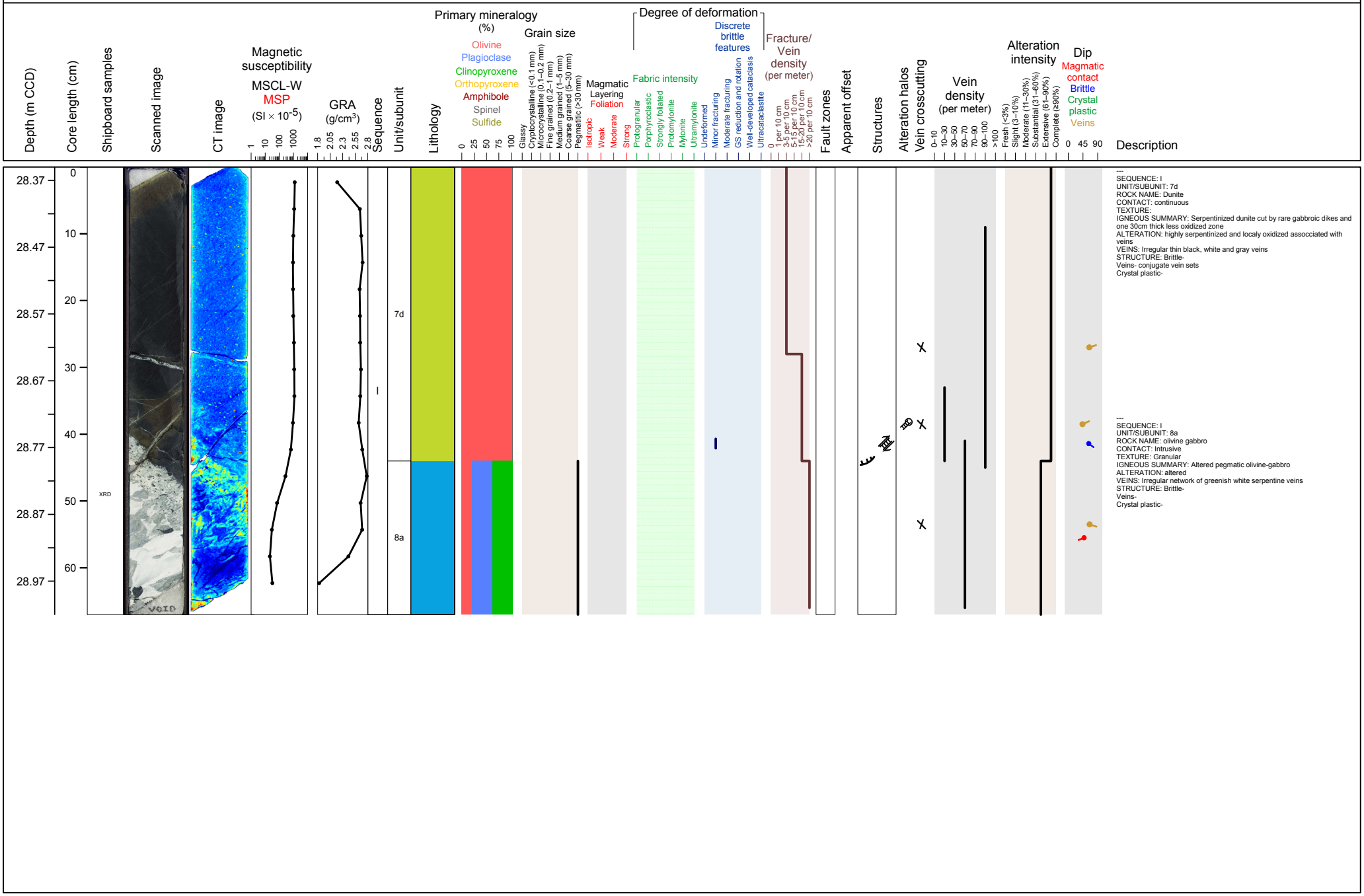
SEQUENCE: I
UNIT/SUBUNIT: 7c
ROCK NAME: Dunite
CONTACT: continuous
TEXTURE:
IGNEOUS SUMMARY: black dunitic unit cut by gabbroic veins in from fine grained and nebulous to coarse grained.
ALTERATION: highly serpentinized
VEINS: irregular thin black, gray and green
STRUCTURE: Brittle-
Veins- conjugate vein sets
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 7c
ROCK NAME: Gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered gabbroic dike
ALTERATION: highly altered
VEINS: irregular bluish white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

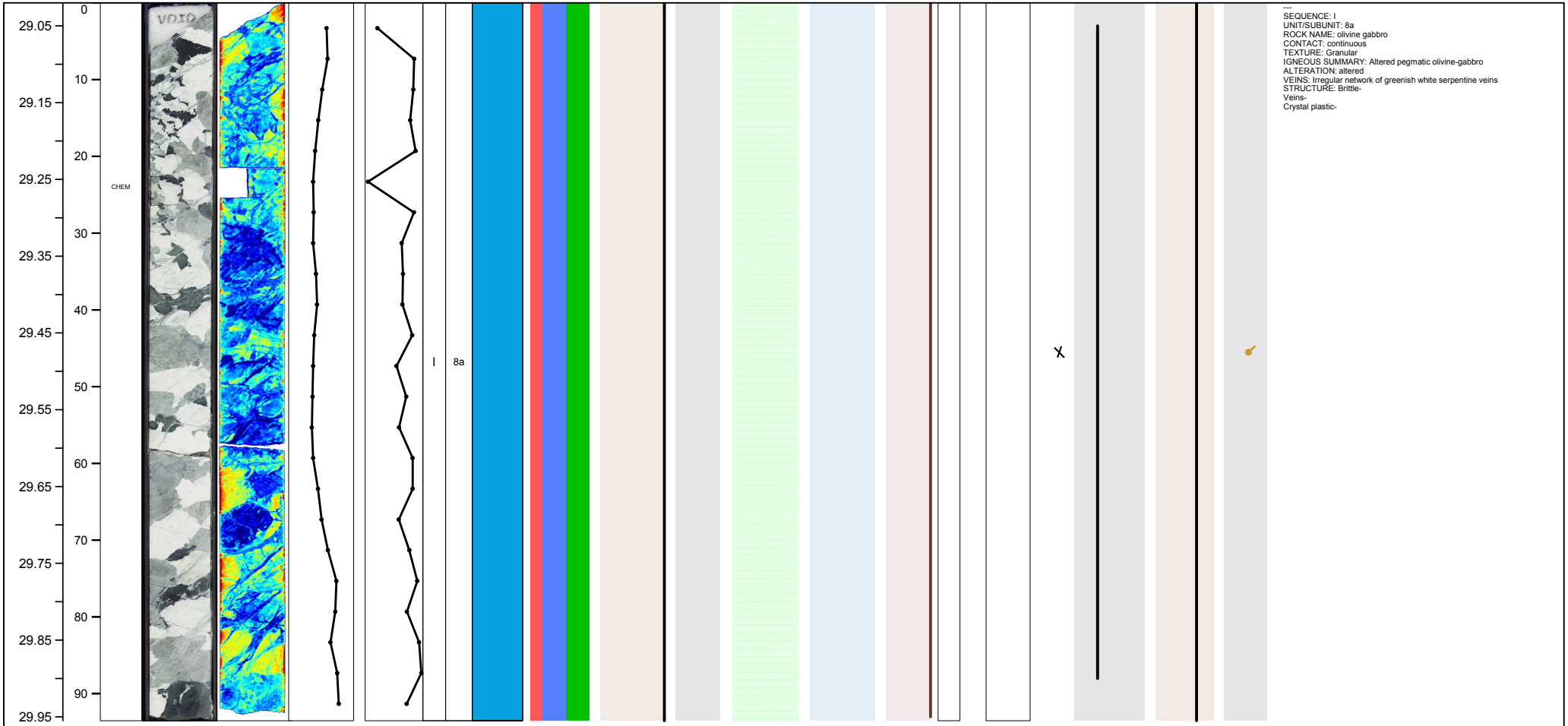
SEQUENCE: I
UNIT/SUBUNIT: 7c
ROCK NAME: olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered ol-gabbroic dike
ALTERATION: highly altered
VEINS: irregular bluish white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 7d
ROCK NAME: Dunite
CONTACT: Colour
TEXTURE:
IGNEOUS SUMMARY: Serpentinized dunite cut by rare gabbroic dikes and one 30cm thick less oxidized zone
ALTERATION: highly serpentinized and localy oxidized assocciated with veins
VEINS: Irregular thin black, white and gray veins
STRUCTURE: Brittle-
Veins- conjugate vein sets
Crystal plastic-

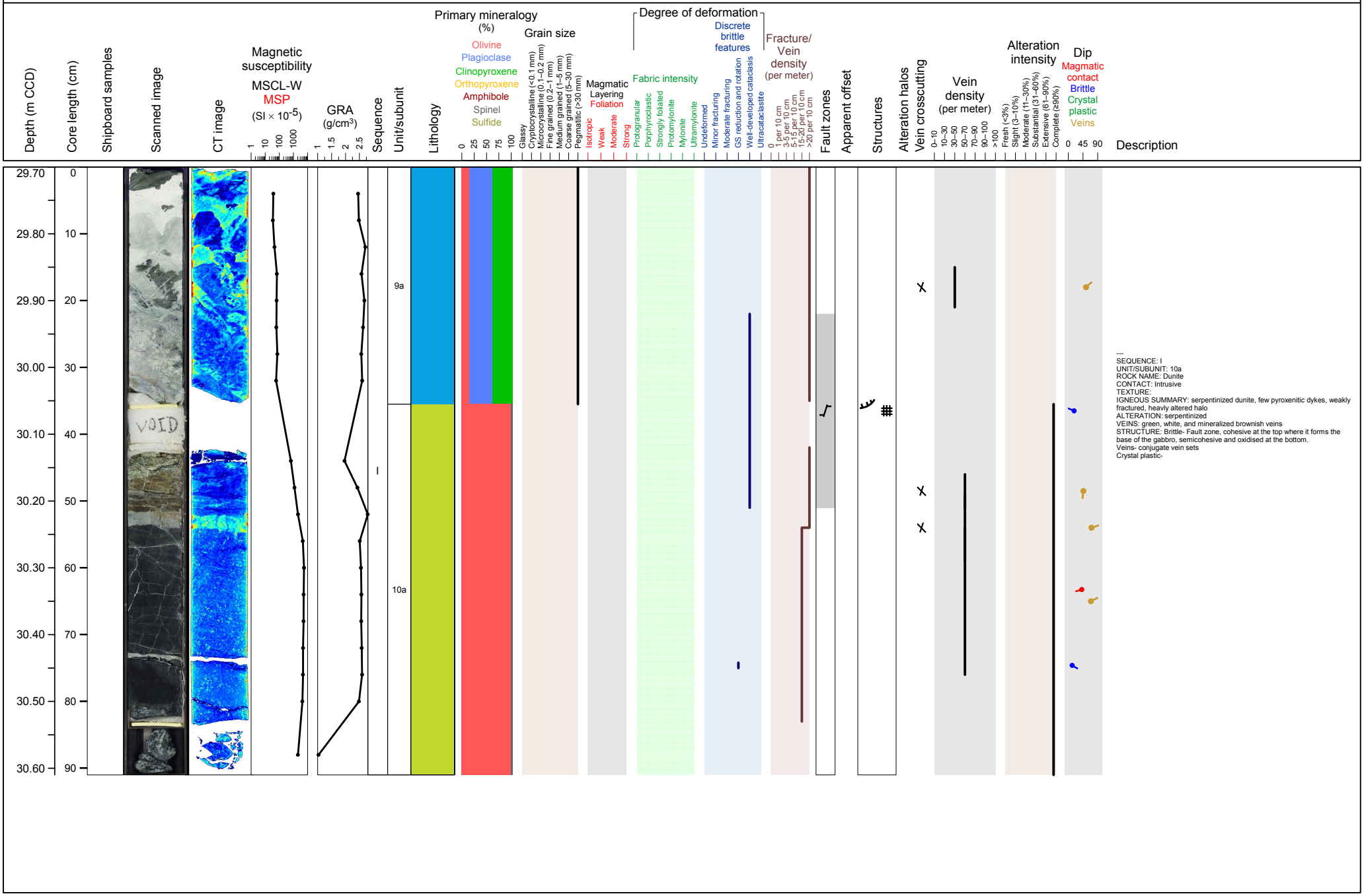
Hole BA4A-11Z Section 3, Top of Section 28.35 (m CCD)



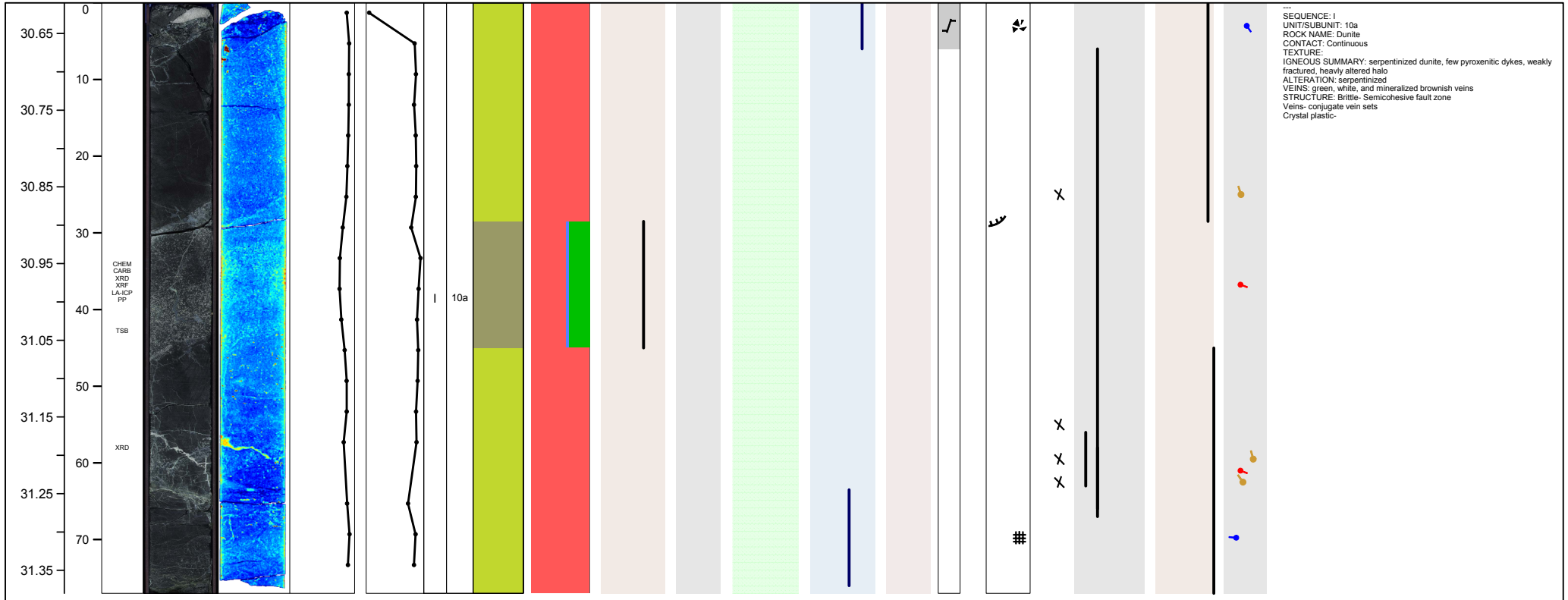
Hole BA4A-11Z Section 4, Top of Section 29.02 (m CCD)



Hole BA4A-12Z Section 1, Top of Section 29.70 (m CCD)

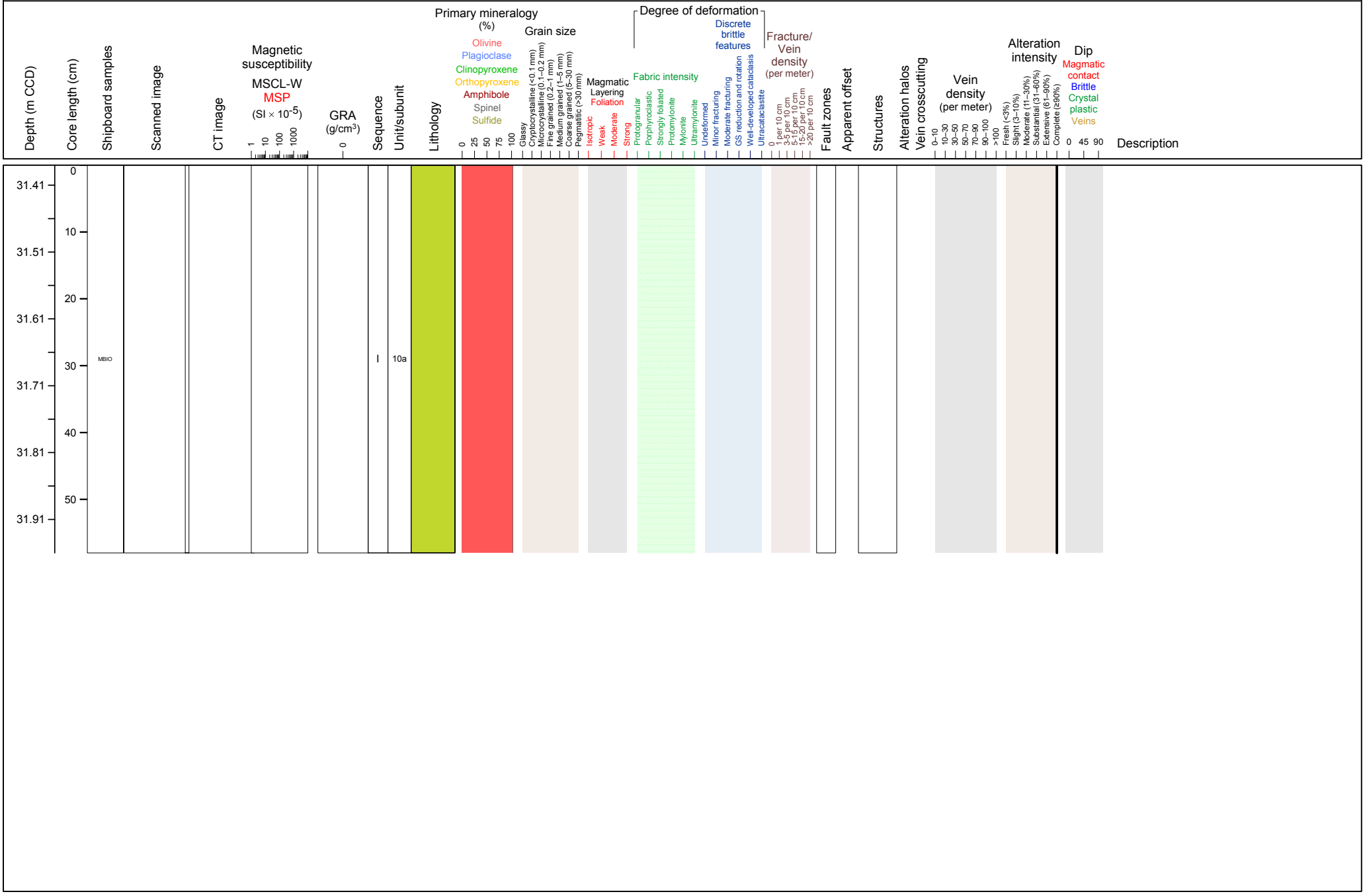


Hole BA4A-12Z Section 2, Top of Section 30.61 (m CCD)

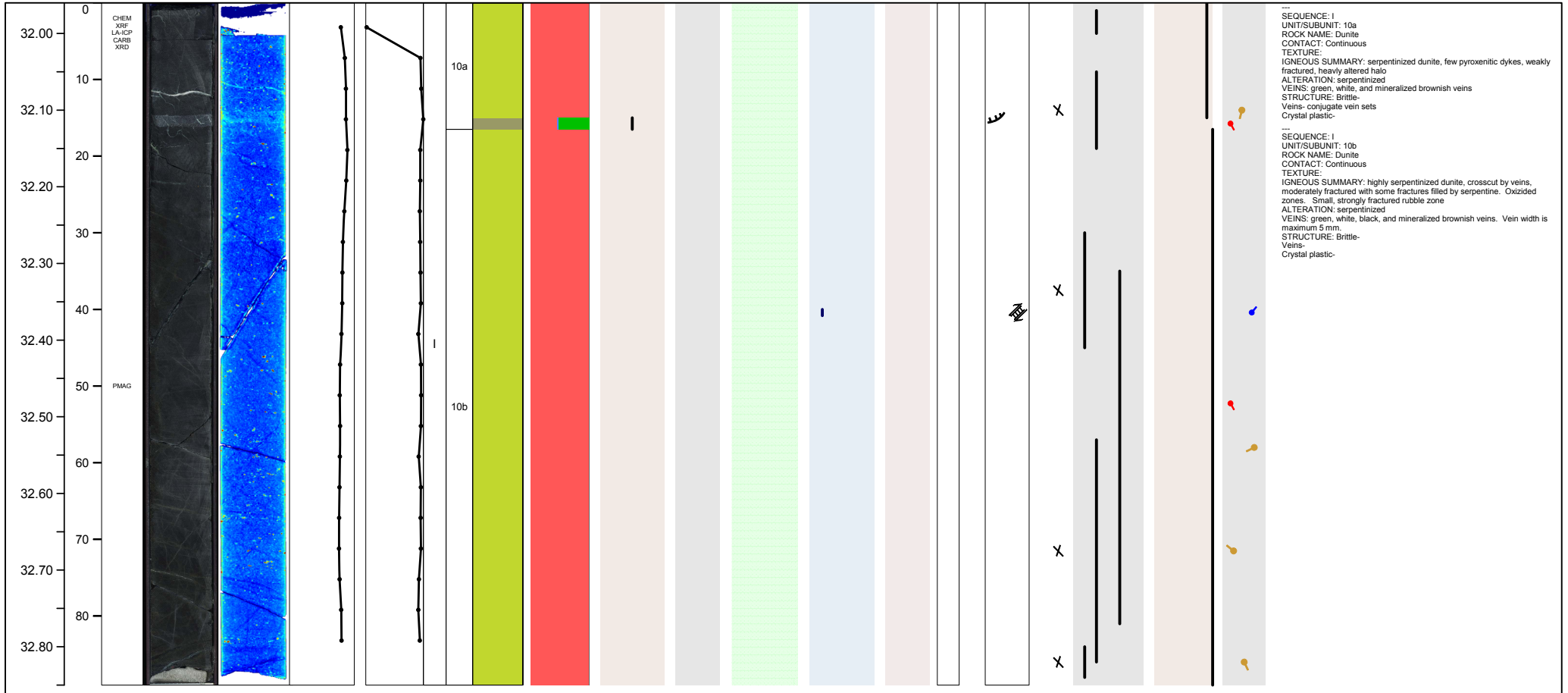


ALL TO MBIO

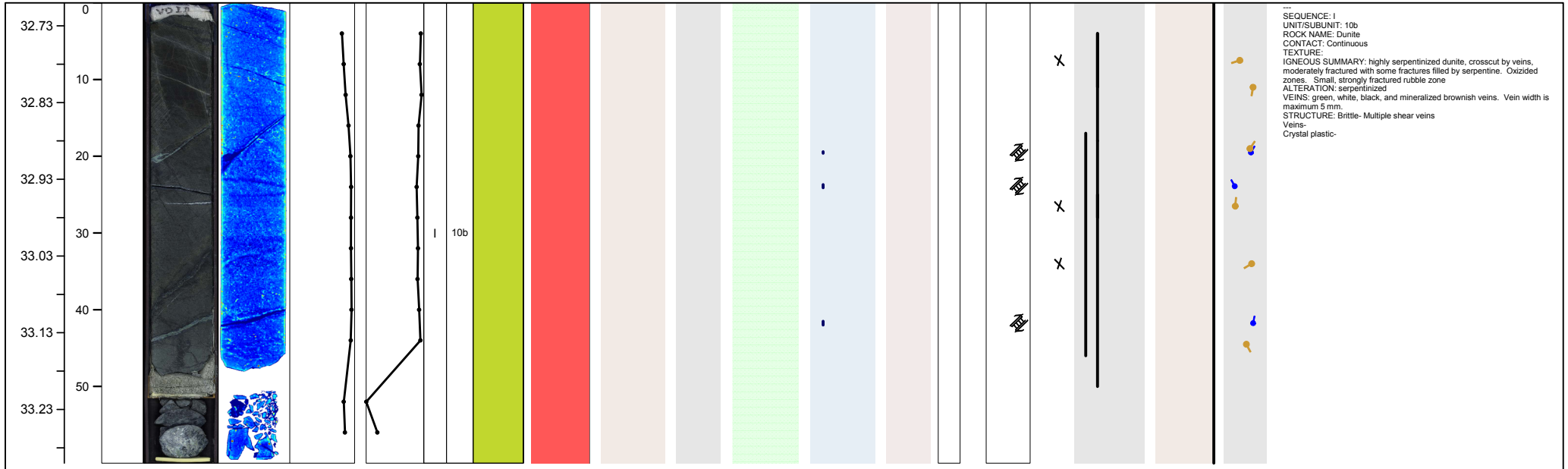
Hole BA4A-12Z Section 3, Top of Section 31.38 (m CCD)



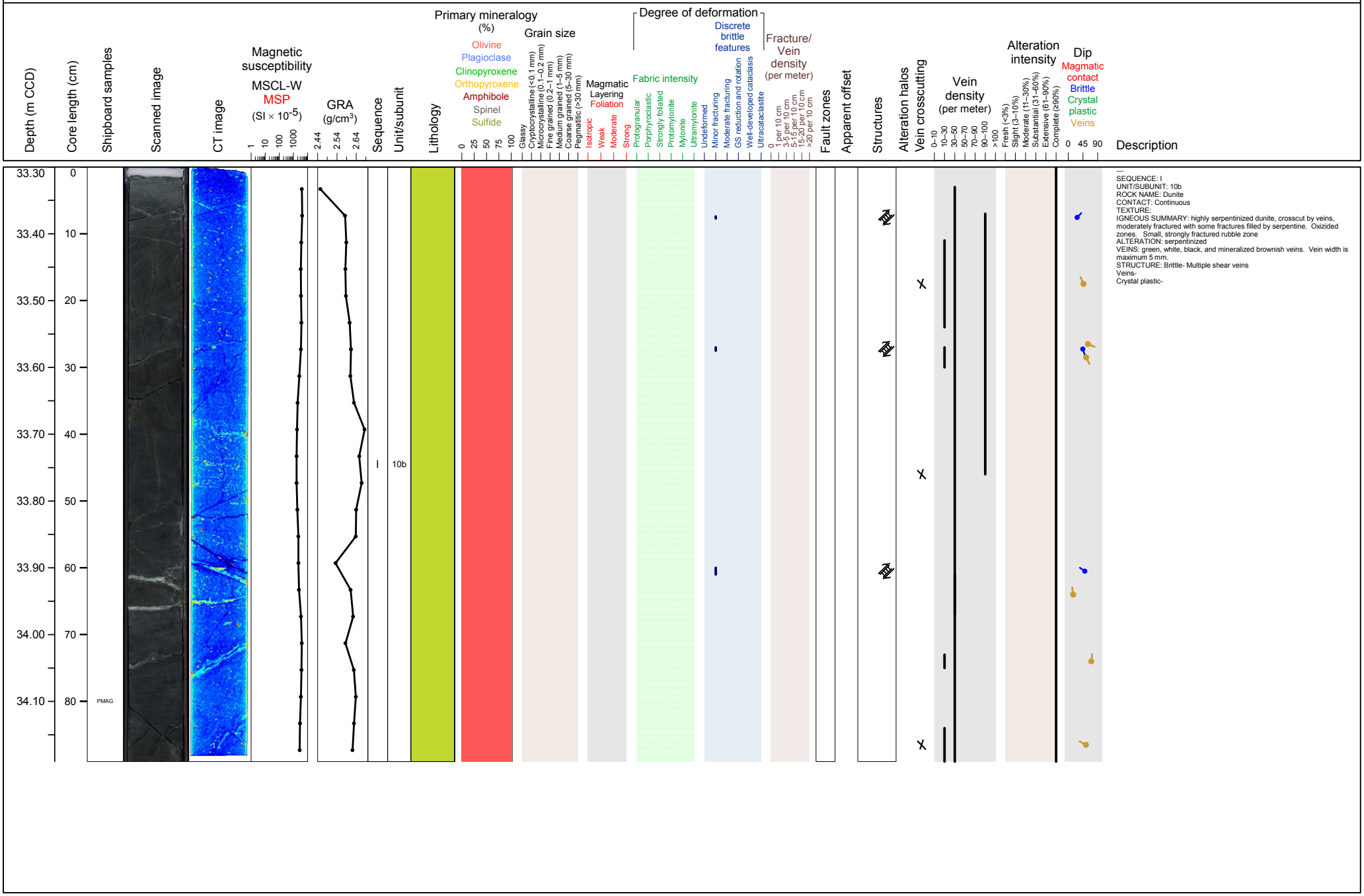
Hole BA4A-12Z Section 4, Top of Section 31.96 (m CCD)



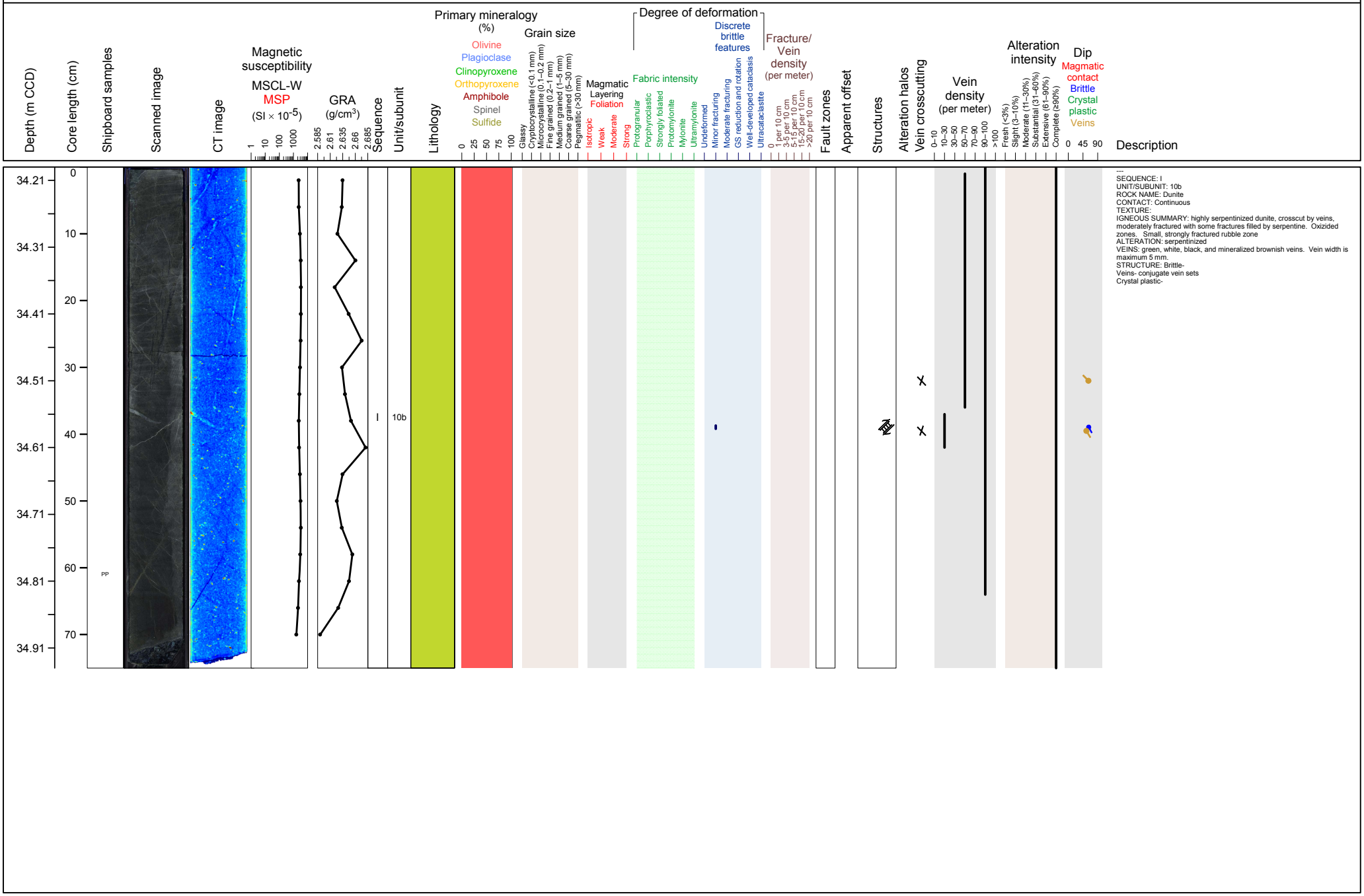
Hole BA4A-13Z Section 1, Top of Section 32.70 (m CCD)



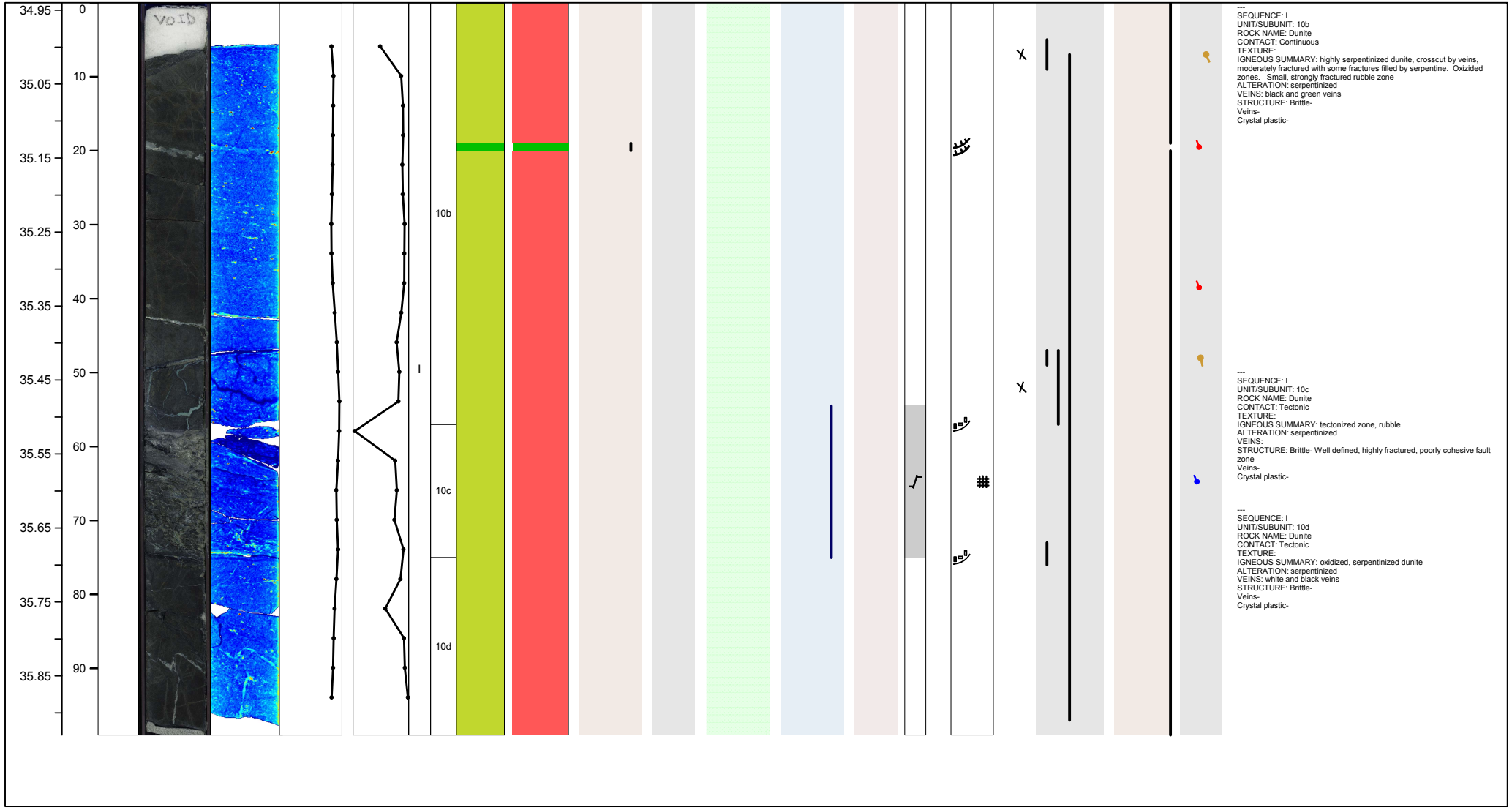
Hole BA4A-13Z Section 2, Top of Section 33.30 (m CCD)



Hole BA4A-13Z Section 3, Top of Section 34.19 (m CCD)

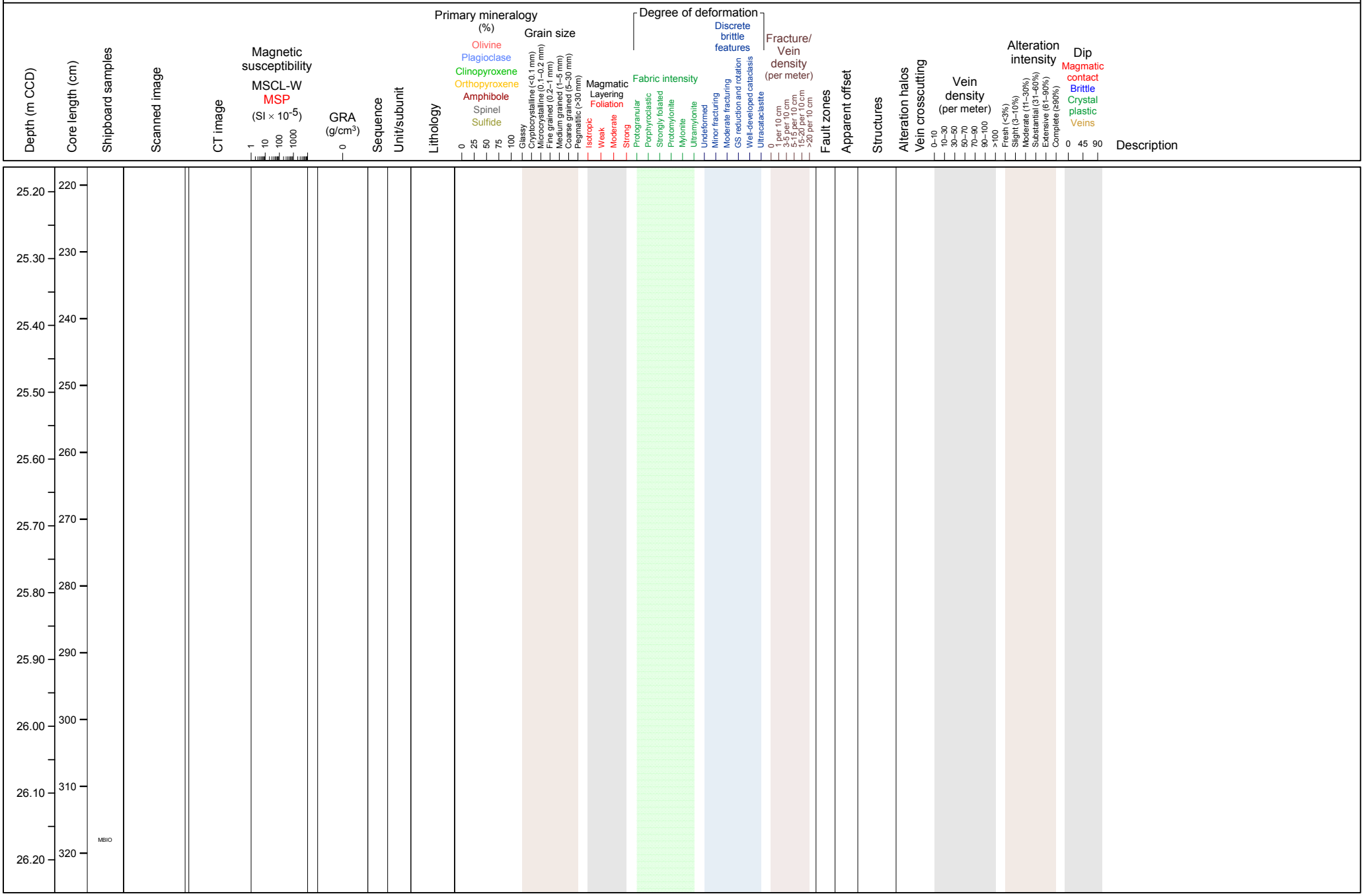


Hole BA4A-13Z Section 4, Top of Section 34.94 (m CCD)



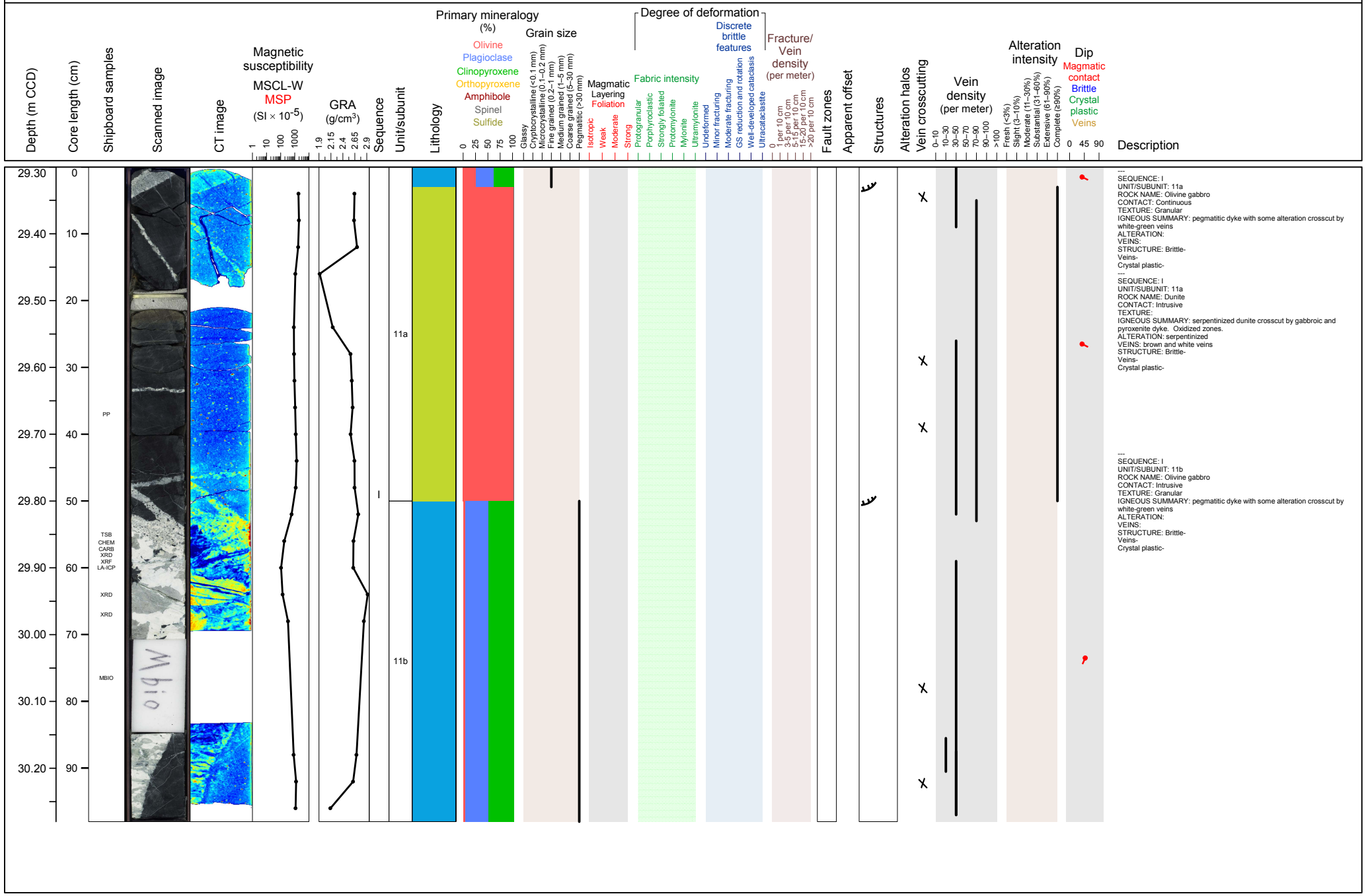
RE-DRILLED INTERVAL / ALL TO MBIO

Hole BA4A-14M Section 1, Top of Section 22.99 (m CCD)



RE-DRILLED INTERVAL

Hole BA4A-15M Section 1, Top of Section 29.30 (m CCD)



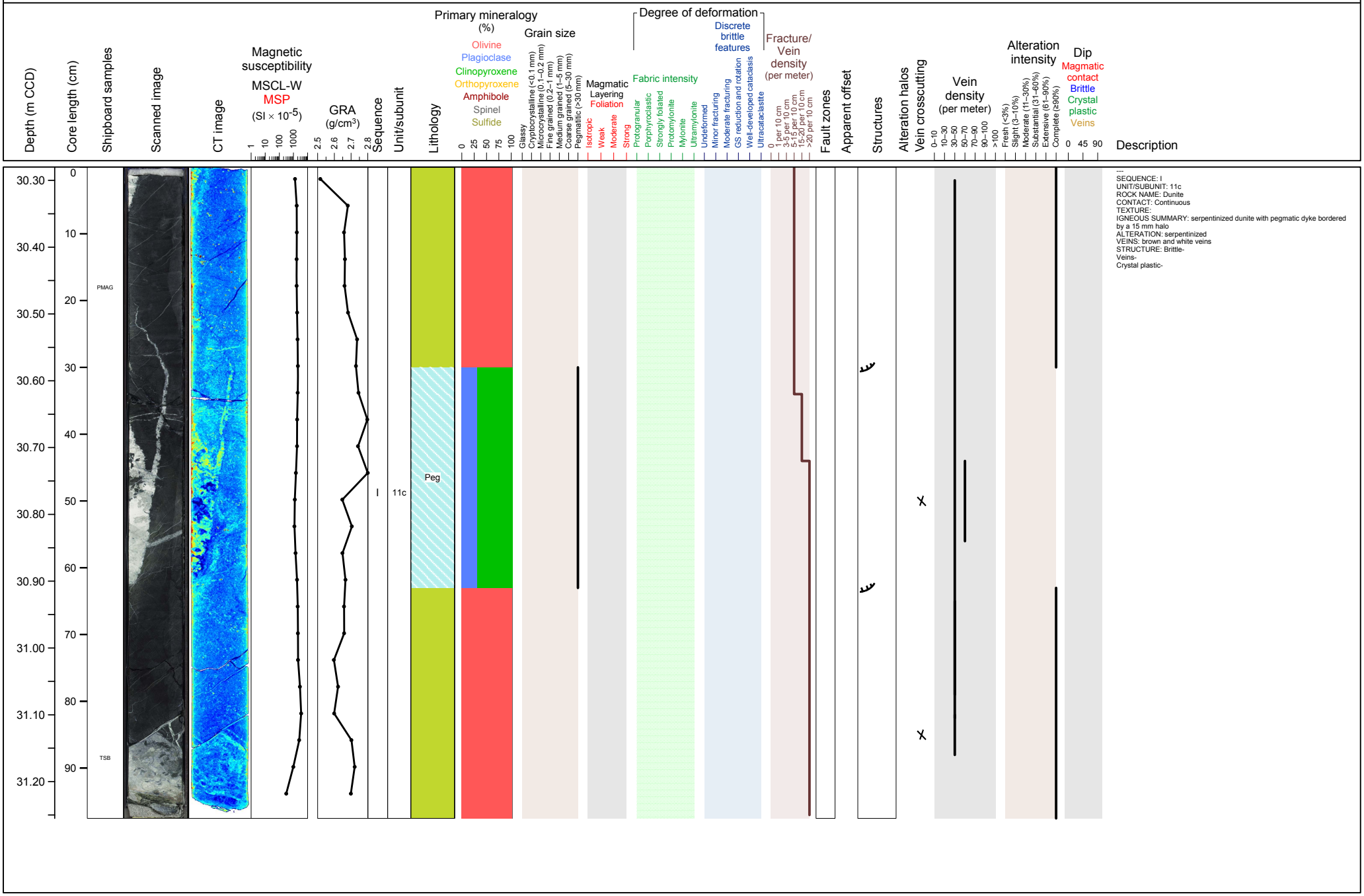
SEQUENCE: I
UNIT/SUBUNIT: 11a
ROCK NAME: Olivine gabbro
CONTACT: Continuous
TEXTURE: Granular
IGNEOUS SUMMARY: pegmatitic dyke with some alteration crosscut by white-green veins
ALTERATION:
VEINS:
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 11a
ROCK NAME: Dunite
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite crosscut by gabbroic and pyroxenite dyke. Oxidized zones.
ALTERATION: serpentinized
VEINS: brown and white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 11b
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: pegmatitic dyke with some alteration crosscut by white-green veins
ALTERATION:
VEINS:
STRUCTURE: Brittle-
Veins-
Crystal plastic-

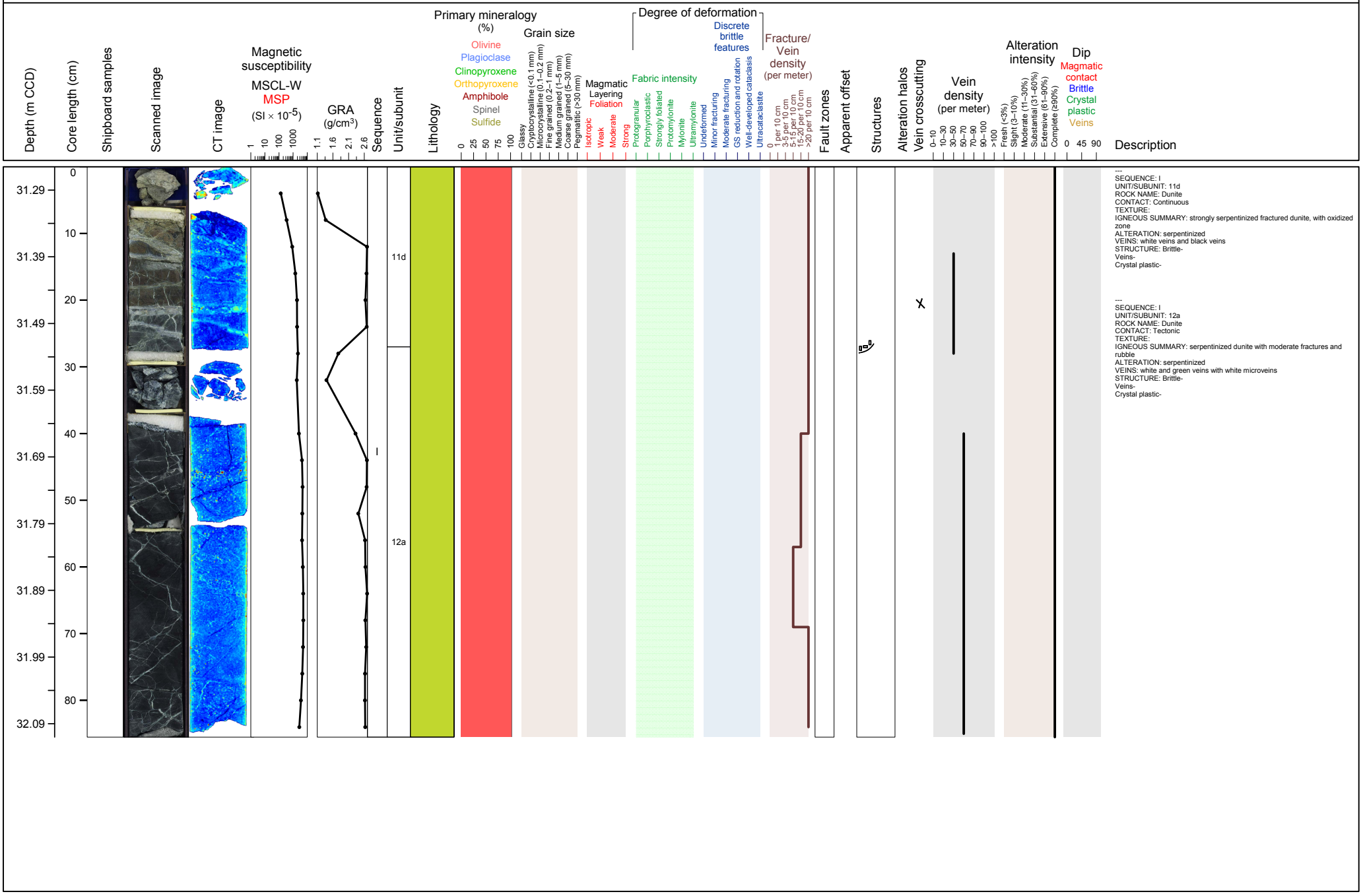
RE-DRILLED INTERVAL

Hole BA4A-15M Section 2, Top of Section 30.28 (m CCD)



RE-DRILLED INTERVAL

Hole BA4A-15M Section 3, Top of Section 31.26 (m CCD)

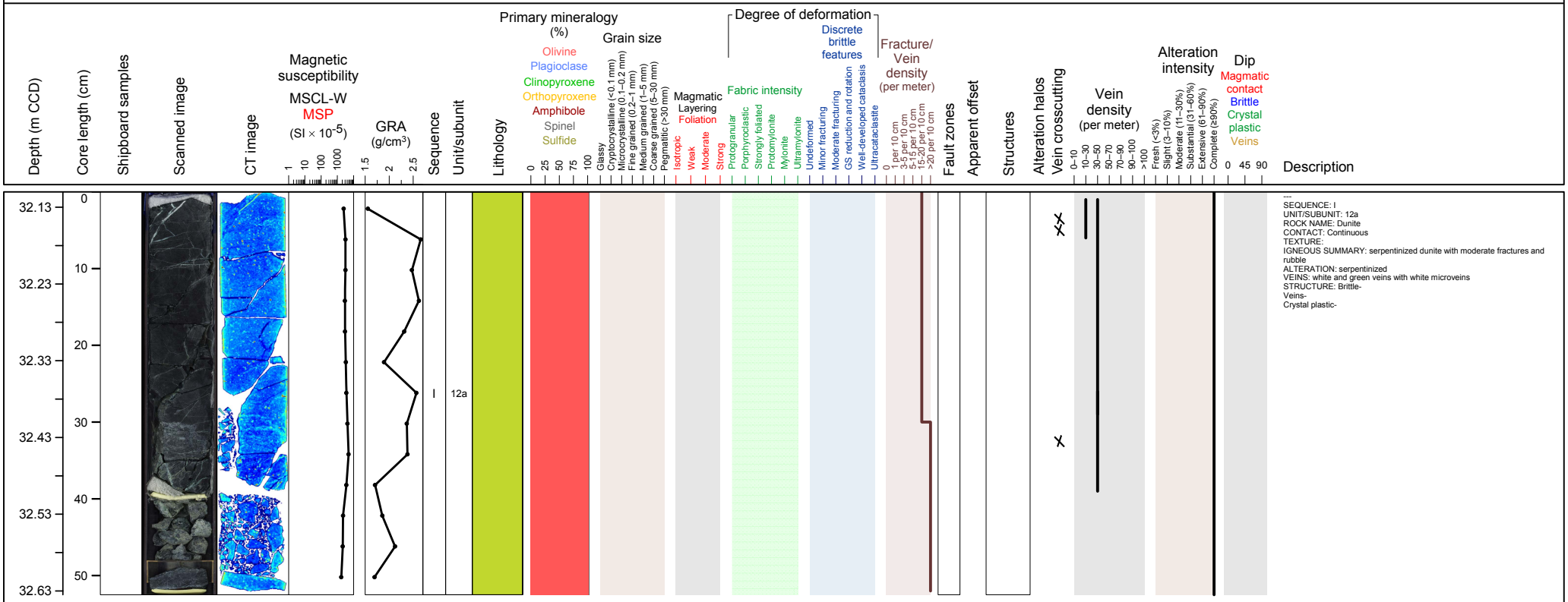


SEQUENCE: I
UNIT/SUBUNIT: 11d
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: strongly serpentinized fractured dunite, with oxidized zone
ALTERATION: serpentinized
VEINS: white veins and black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 12a
ROCK NAME: Dunite
CONTACT: Tectonic
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite with moderate fractures and rubble
ALTERATION: serpentinized
VEINS: white and green veins with white microveins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

RE-DRILLED INTERVAL

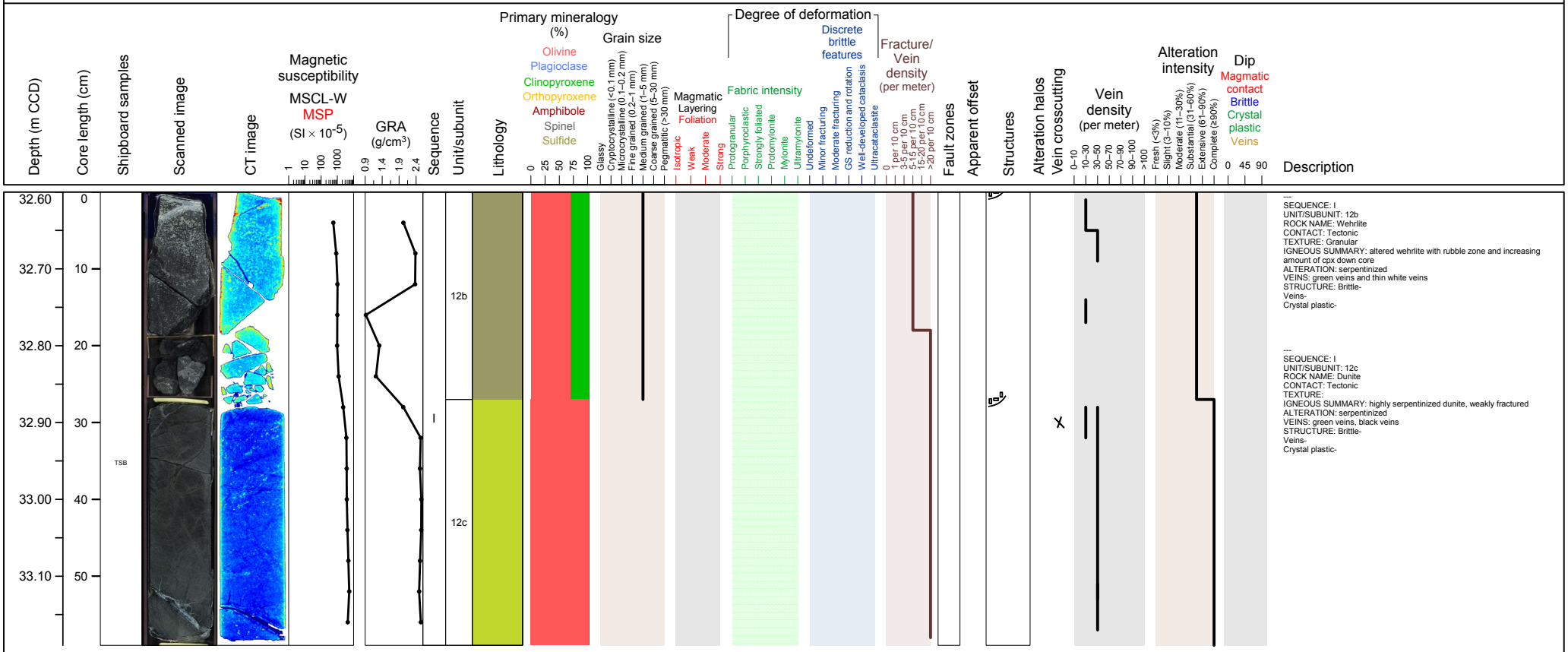
Hole BA4A-15M Section 4, Top of Section 32.11 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 12a
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite with moderate fractures and rubble
ALTERATION: serpentinized
VEINS: white and green veins with white microveins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

RE-DRILLED INTERVAL

Hole BA4A-16M Section 1, Top of Section 32.60 (m CCD)

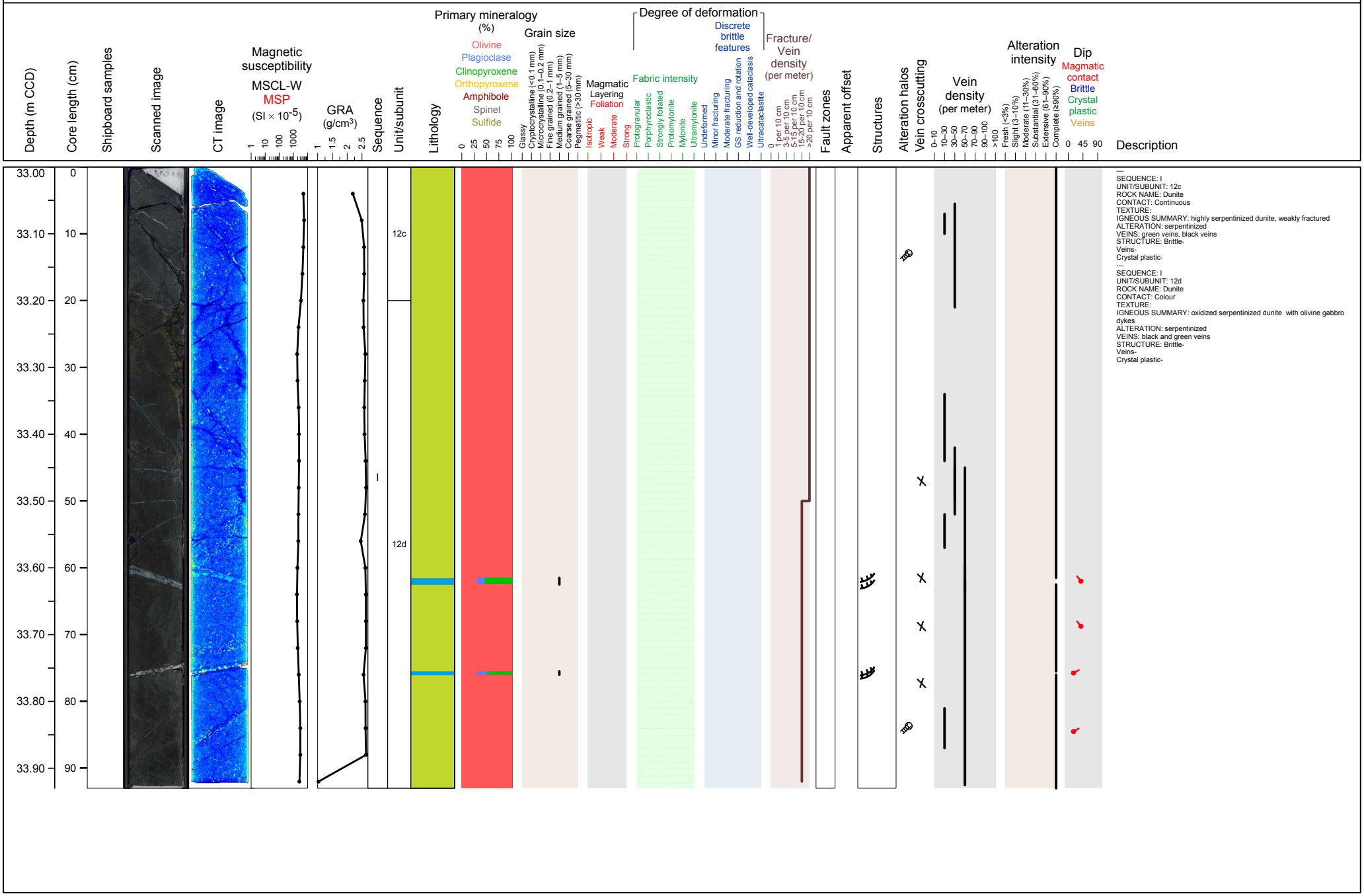


SEQUENCE: I
UNIT/SUBUNIT: 12b
ROCK NAME: Wehrlite
CONTACT: Tectonic
TEXTURE: Granular
IGNEOUS SUMMARY: altered wehrlite with rubble zone and increasing amount of cpx down core
ALTERATION: serpentinized
VEINS: green veins and thin white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 12c
ROCK NAME: Dunite
CONTACT: Tectonic
TEXTURE:
IGNEOUS SUMMARY: highly serpentinized dunite, weakly fractured
ALTERATION: serpentinized
VEINS: green veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

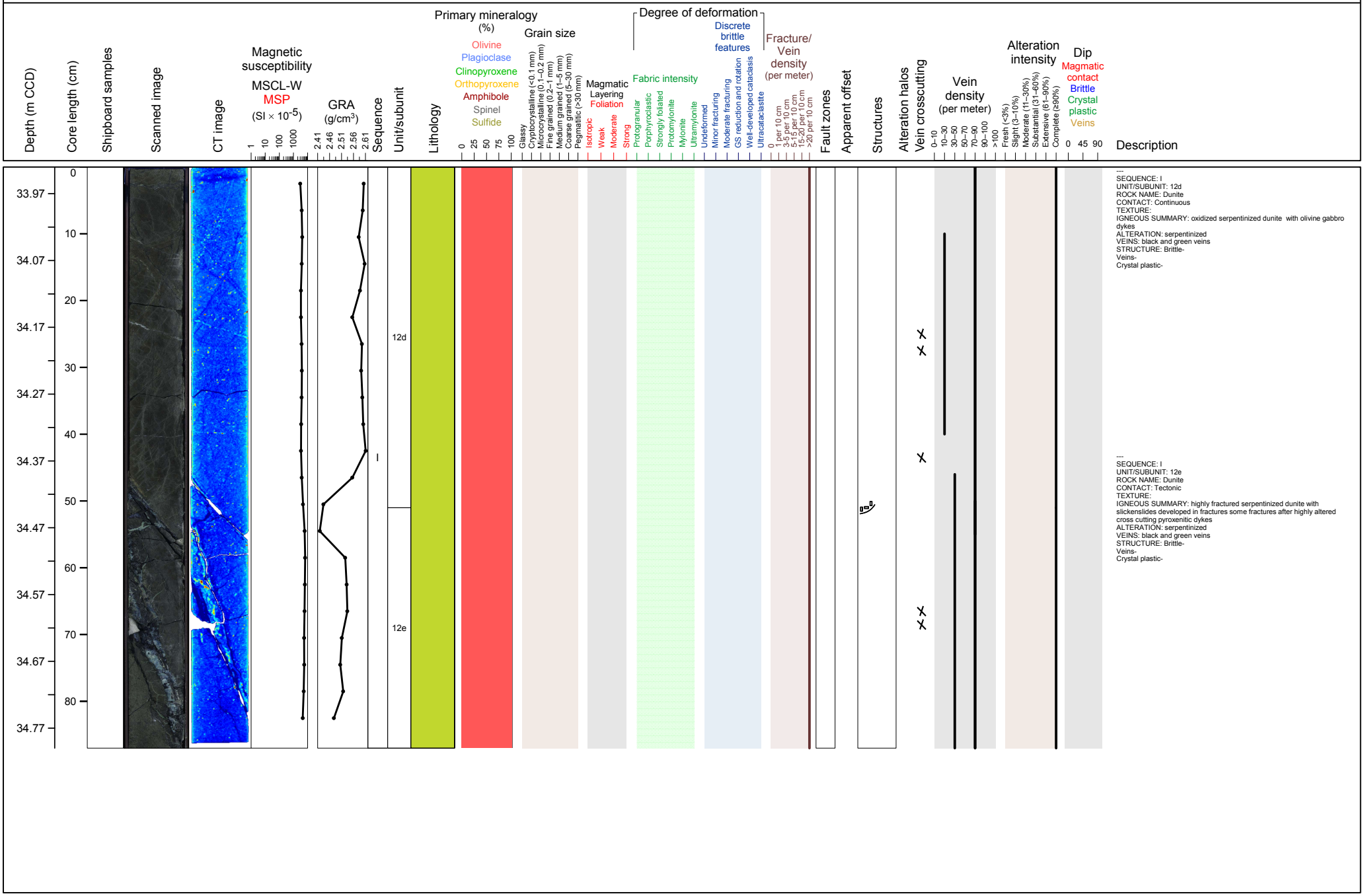
RE-DRILLED INTERVAL

Hole BA4A-17M Section 1, Top of Section 33.00 (m CCD)



RE-DRILLED INTERVAL

Hole BA4A-17M Section 2, Top of Section 33.93 (m CCD)

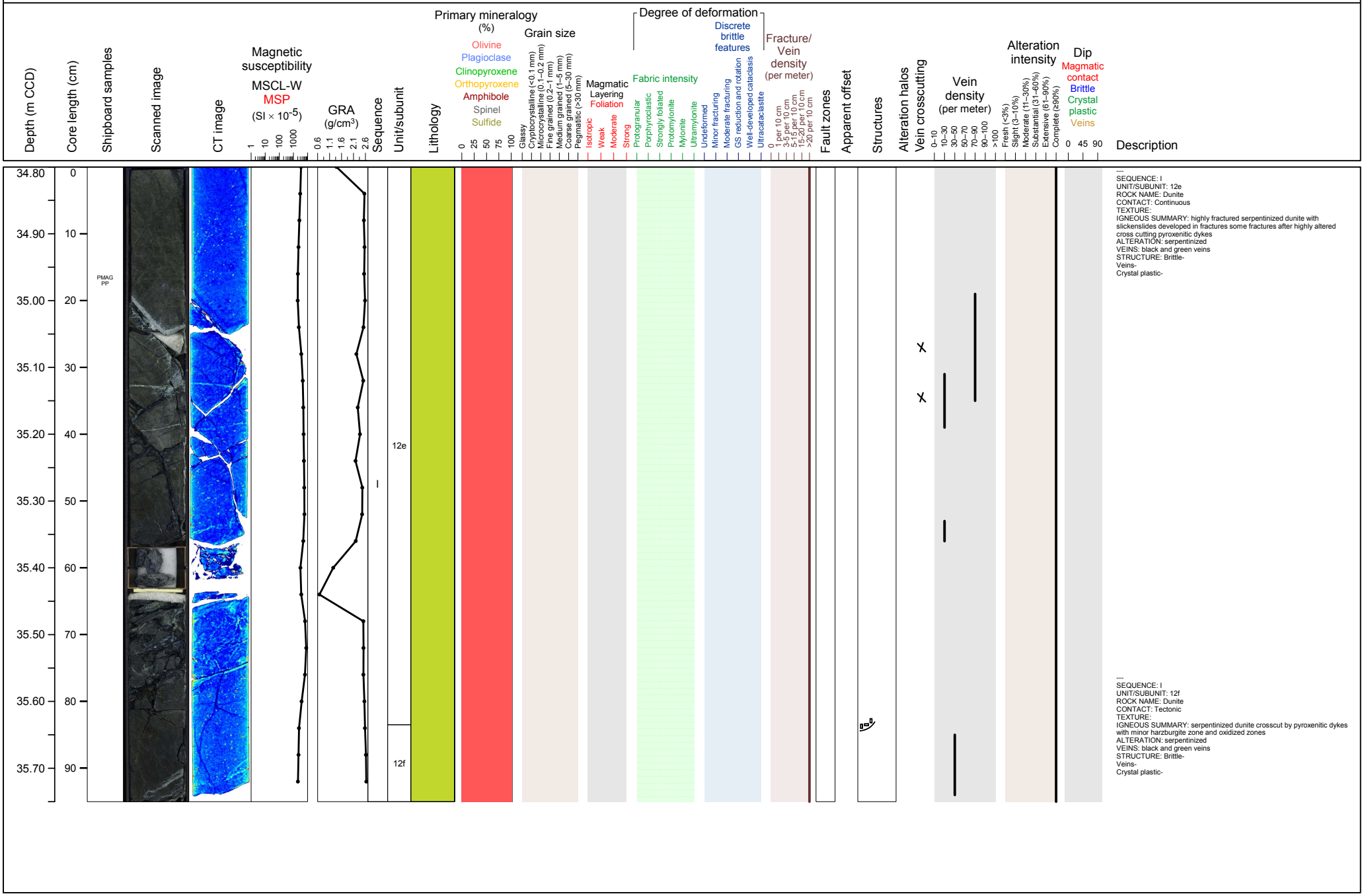


SEQUENCE: I
UNIT/SUBUNIT: 12d
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: oxidized serpentinized dunite with olivine gabbro dykes
ALTERATION: serpentinized
VEINS: black and green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

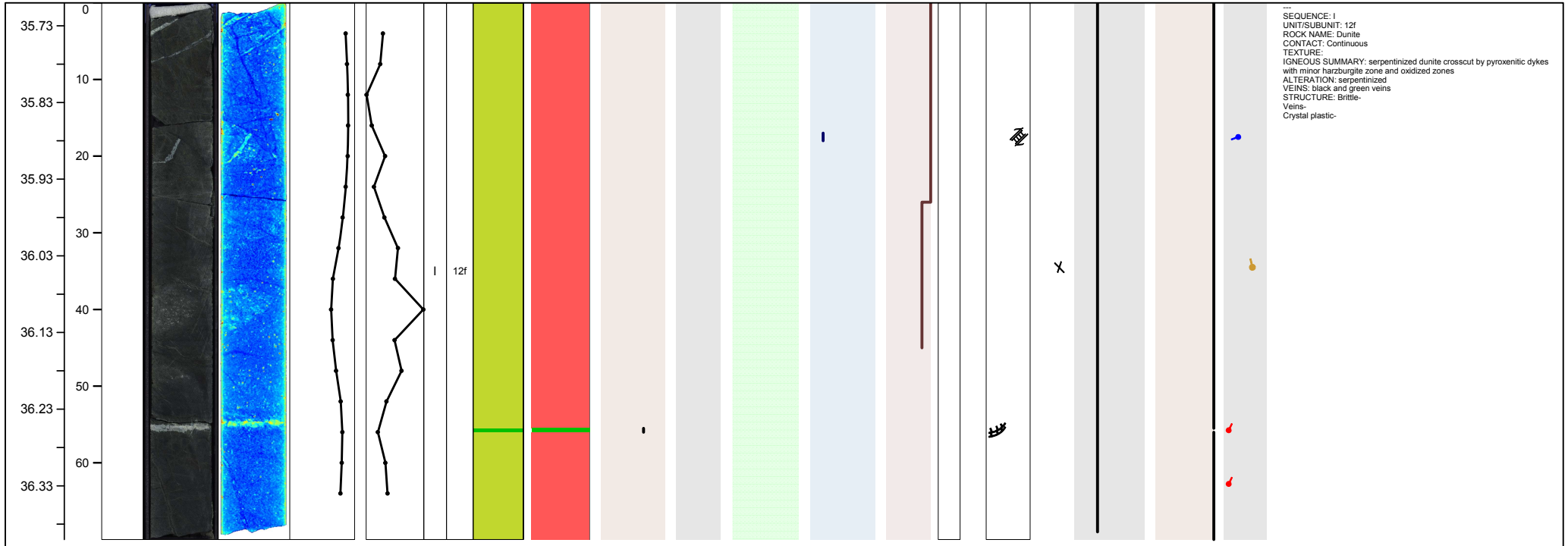
SEQUENCE: I
UNIT/SUBUNIT: 12e
ROCK NAME: Dunite
CONTACT: Tectonic
TEXTURE:
IGNEOUS SUMMARY: highly fractured serpentinized dunite with slickenslides developed in fractures some fractures after highly altered cross cutting pyroxenitic dykes
ALTERATION: serpentinized
VEINS: black and green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

RE-DRILLED INTERVAL

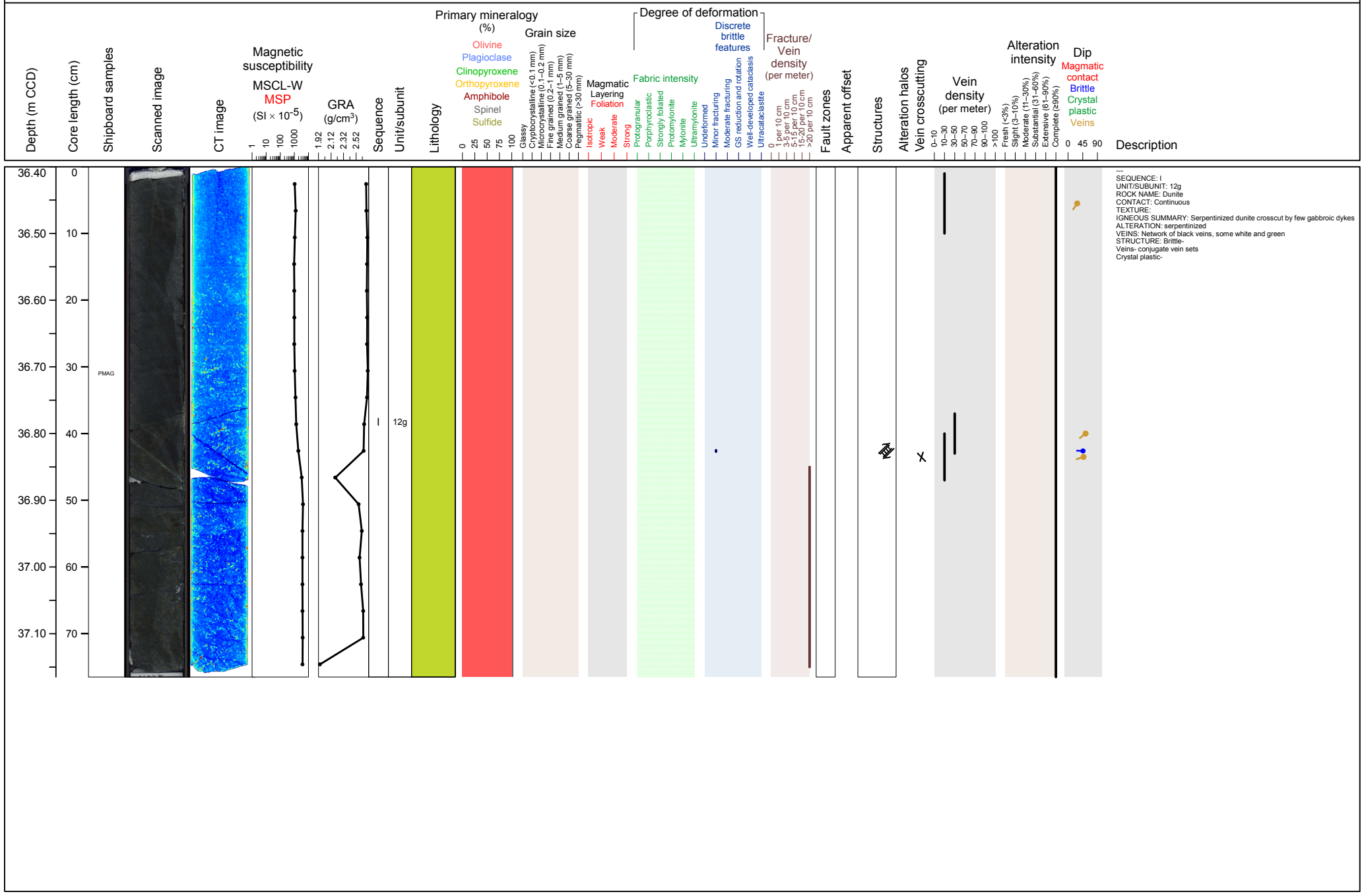
Hole BA4A-17M Section 3, Top of Section 34.80 (m CCD)



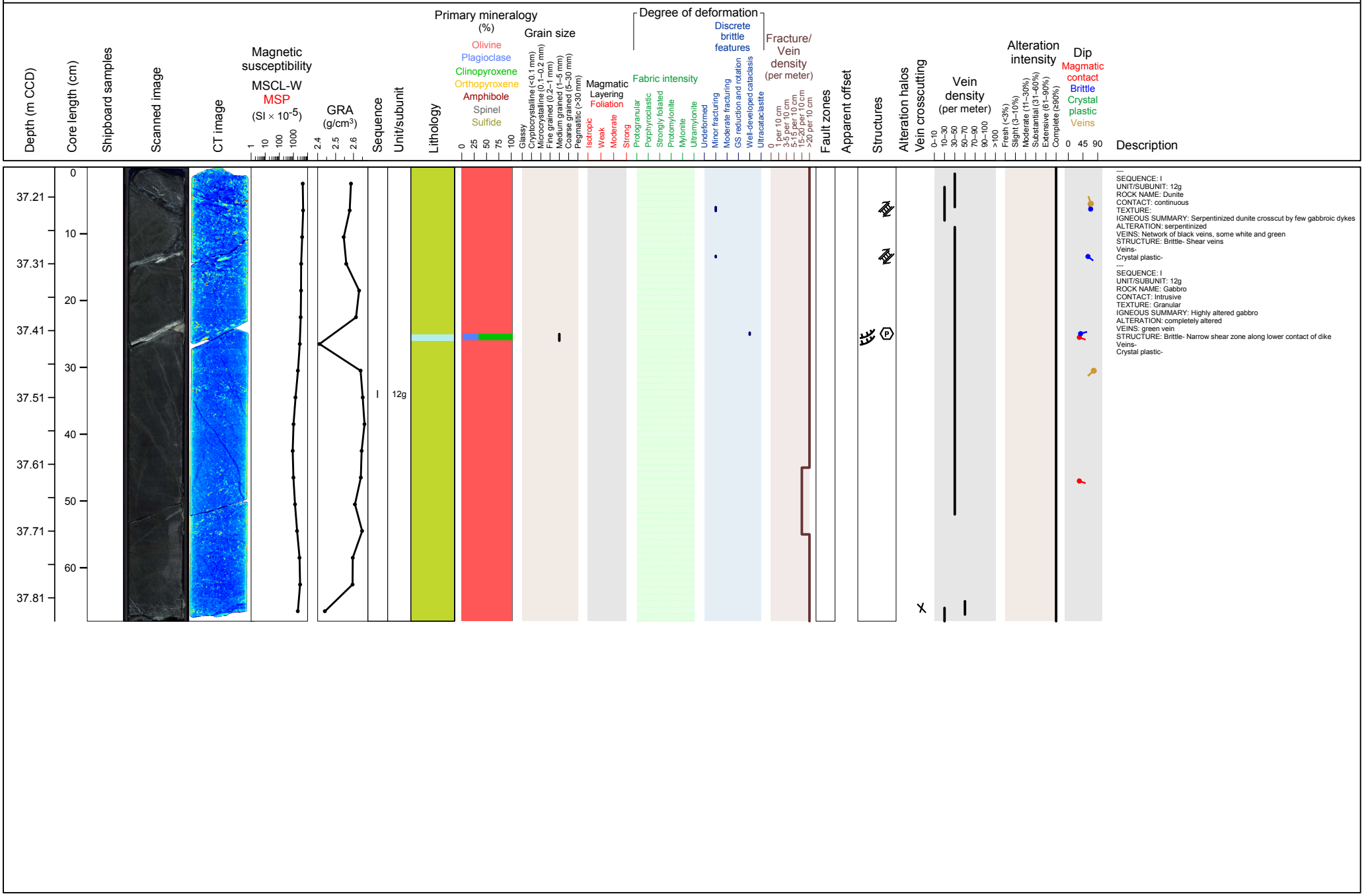
Hole BA4A-18Z Section 1, Top of Section 35.70 (m CCD)



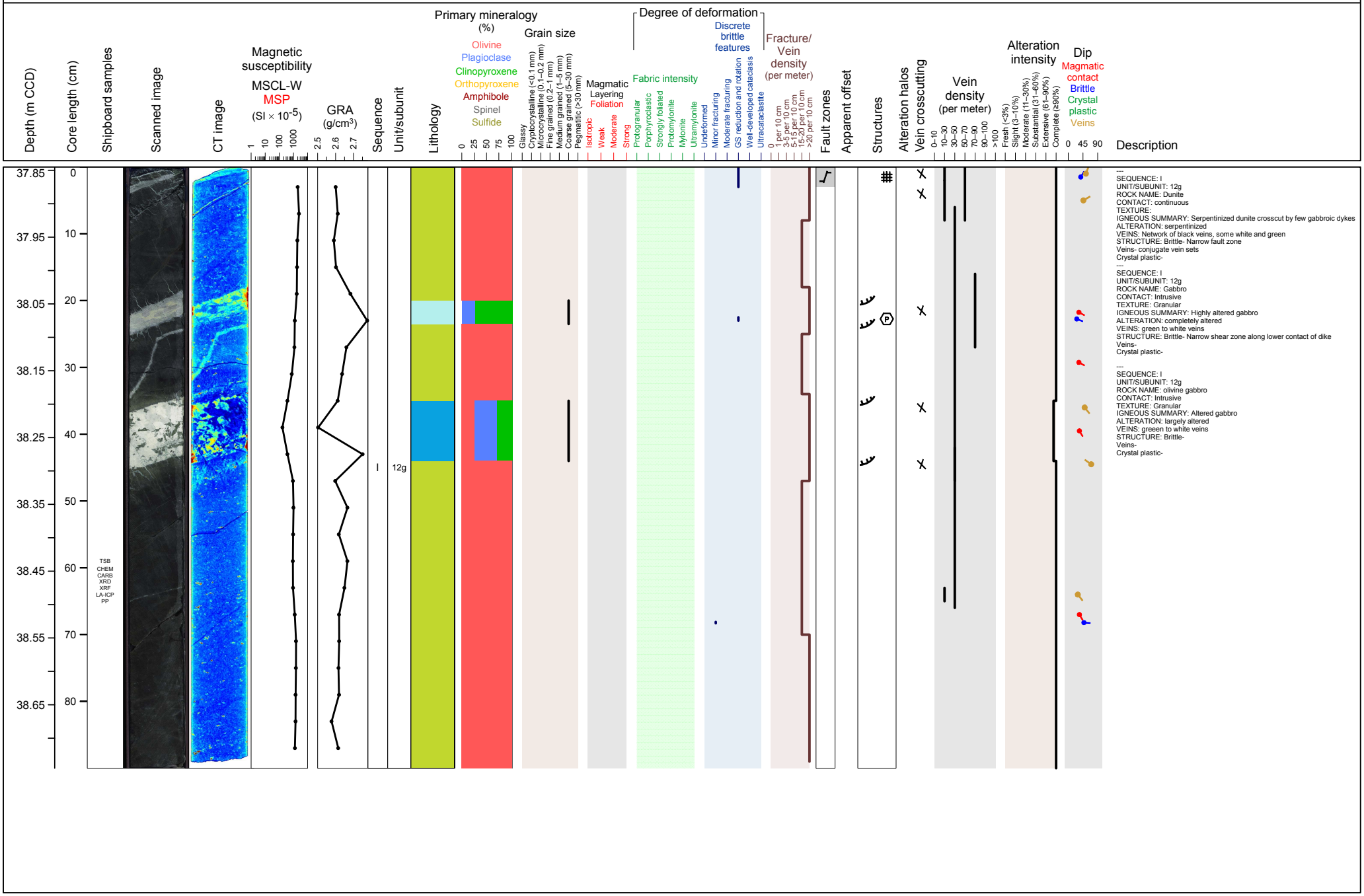
Hole BA4A-18Z Section 2, Top of Section 36.40 (m CCD)



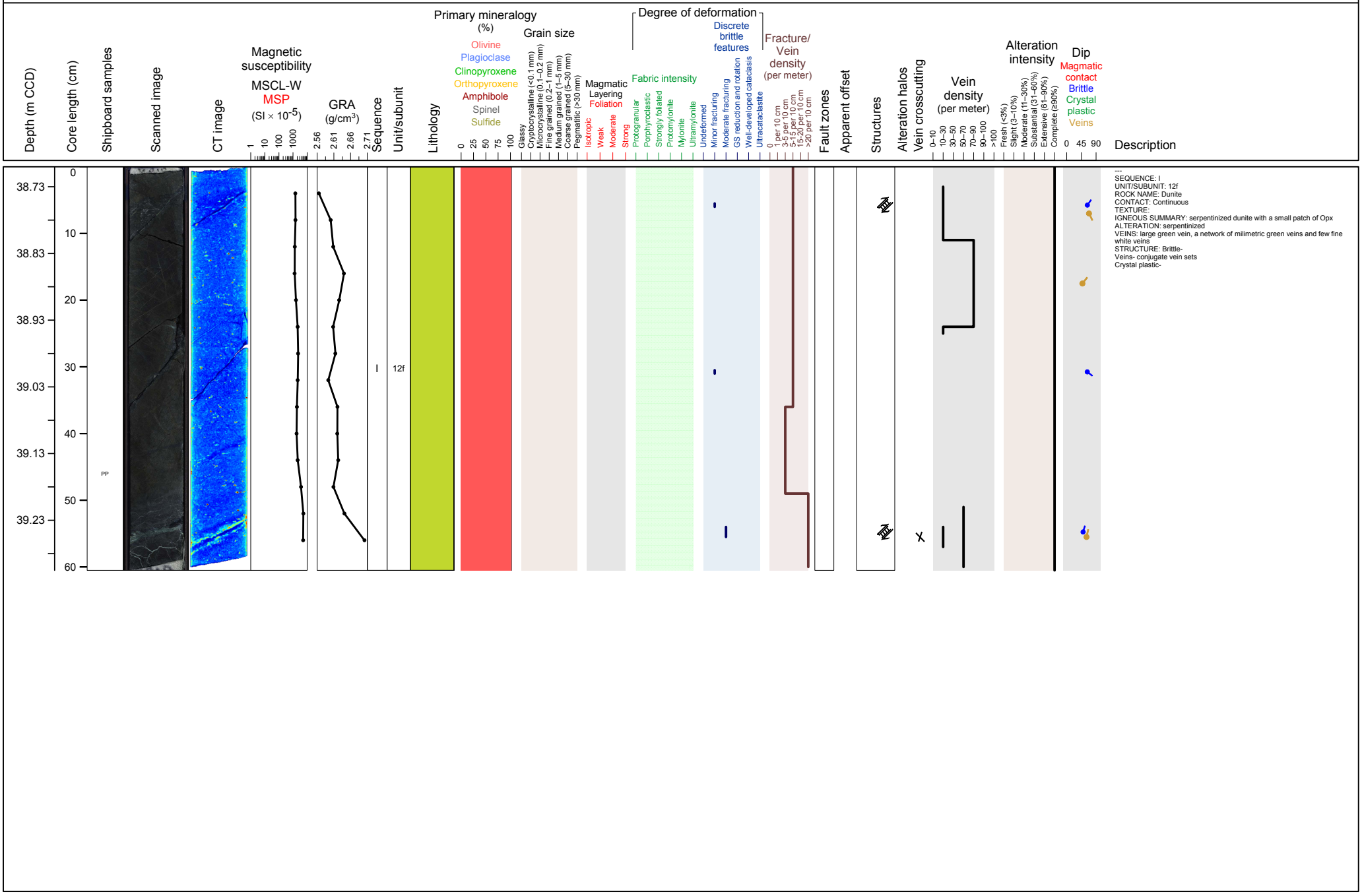
Hole BA4A-18Z Section 3, Top of Section 37.17 (m CCD)



Hole BA4A-18Z Section 4, Top of Section 37.85 (m CCD)

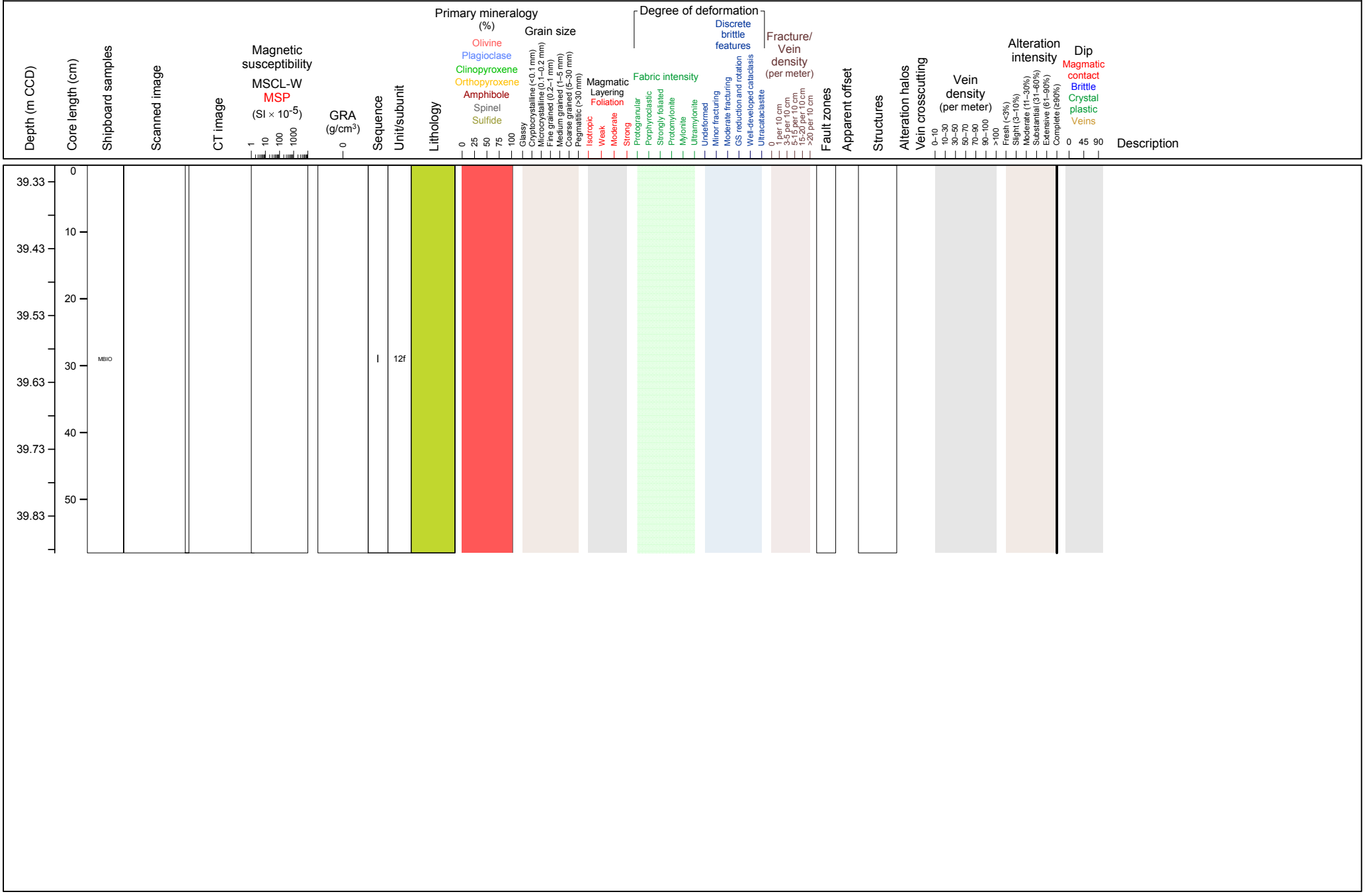


Hole BA4A-19Z Section 1, Top of Section 38.70 (m CCD)

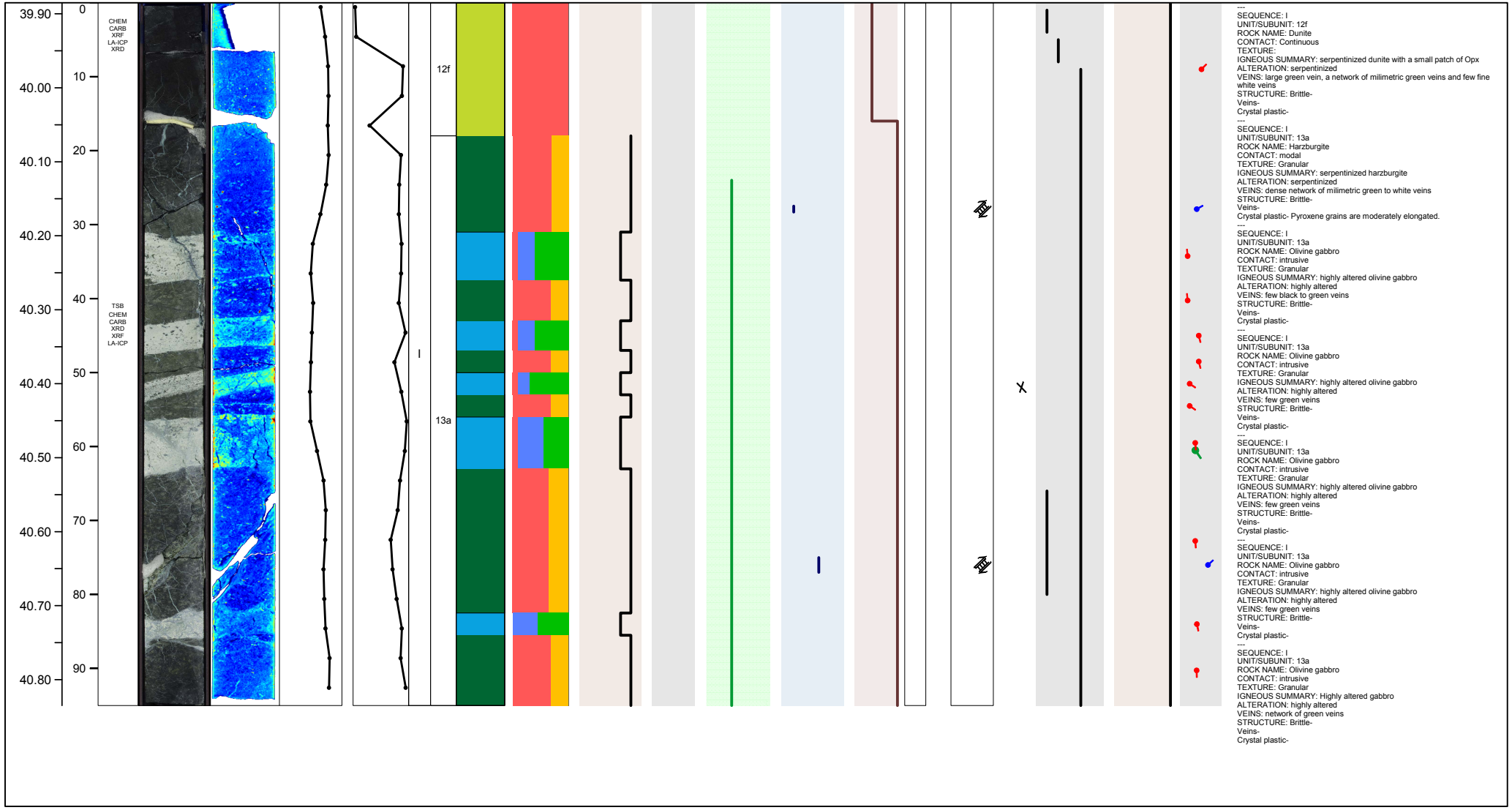


ALL TO MBIO

Hole BA4A-19Z Section 2, Top of Section 39.31 (m CCD)



Hole BA4A-19Z Section 3, Top of Section 39.89 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 12f
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite with a small patch of Opx
ALTERATION: serpentinized
VEINS: large green vein, a network of milimetric green veins and few fine white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 13a
ROCK NAME: Harzburgite
CONTACT: modal
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinized harzburgite
ALTERATION: serpentinized
VEINS: dense network of milimetric green to white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are moderately elongated.

SEQUENCE: I
UNIT/SUBUNIT: 13a
ROCK NAME: Olivine gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: highly altered olivine gabbro
ALTERATION: highly altered
VEINS: few black to green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

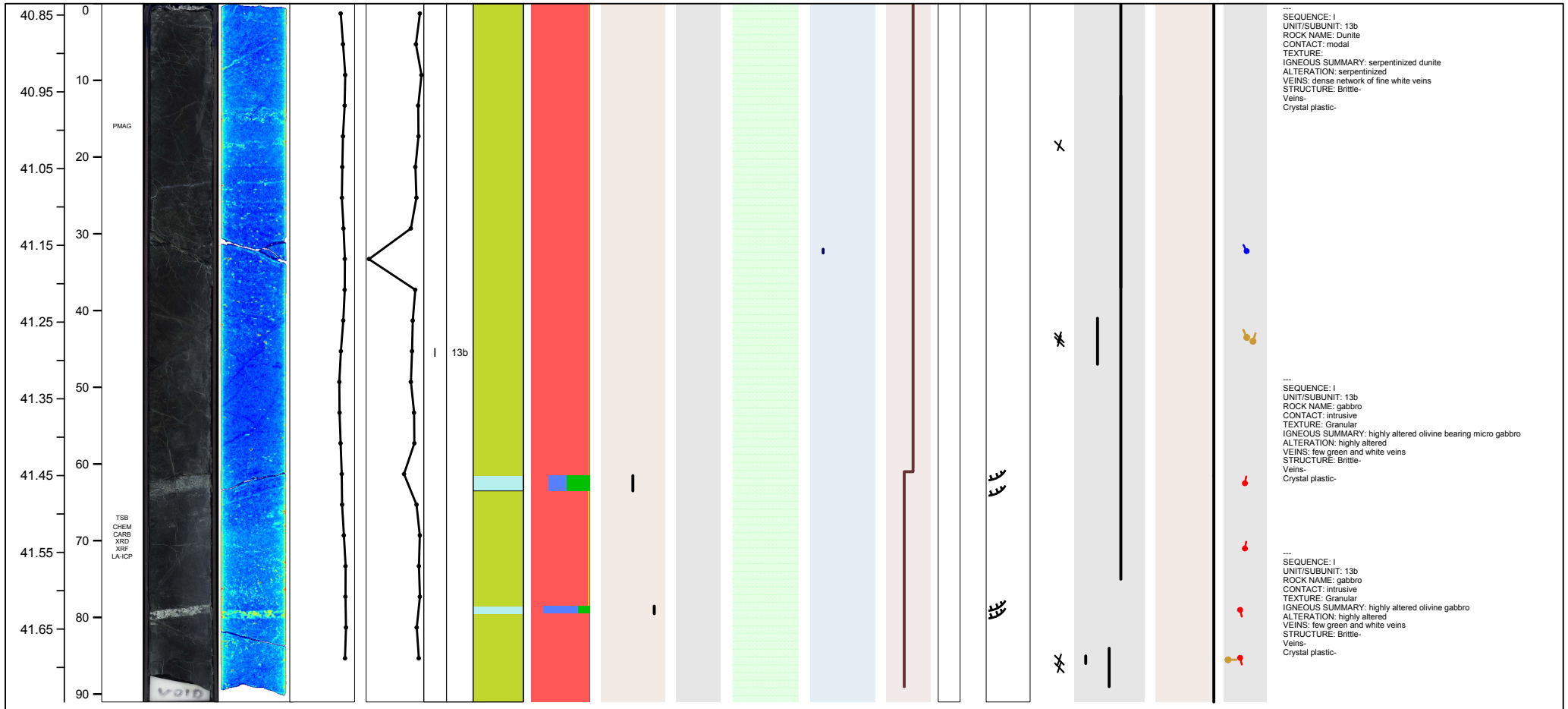
SEQUENCE: I
UNIT/SUBUNIT: 13a
ROCK NAME: Olivine gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: highly altered olivine gabbro
ALTERATION: highly altered
VEINS: few green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 13a
ROCK NAME: Olivine gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: highly altered olivine gabbro
ALTERATION: highly altered
VEINS: few green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

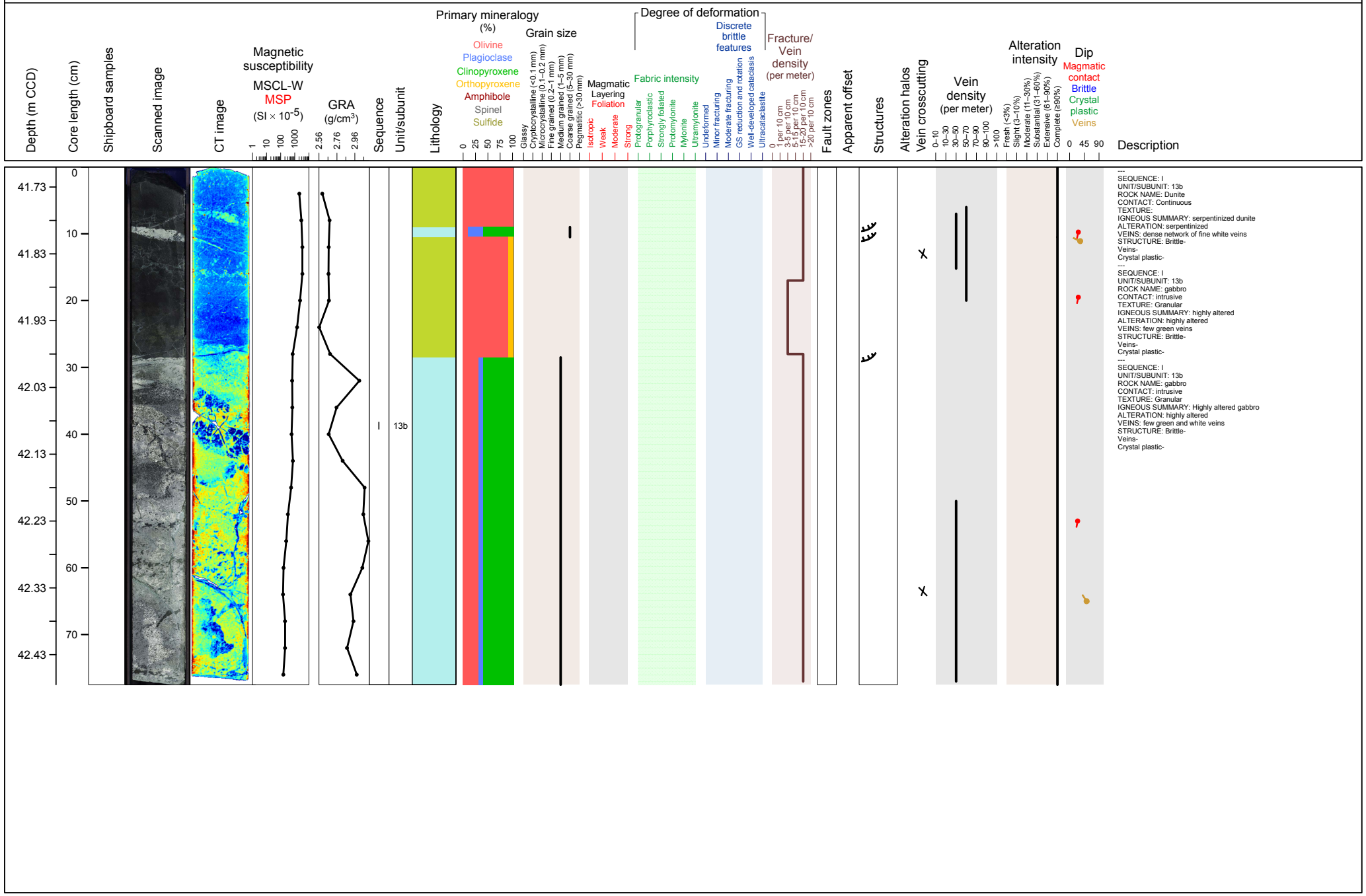
SEQUENCE: I
UNIT/SUBUNIT: 13a
ROCK NAME: Olivine gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: highly altered olivine gabbro
ALTERATION: highly altered
VEINS: few green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 13a
ROCK NAME: Olivine gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: Highly altered gabbro
ALTERATION: highly altered
VEINS: network of green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

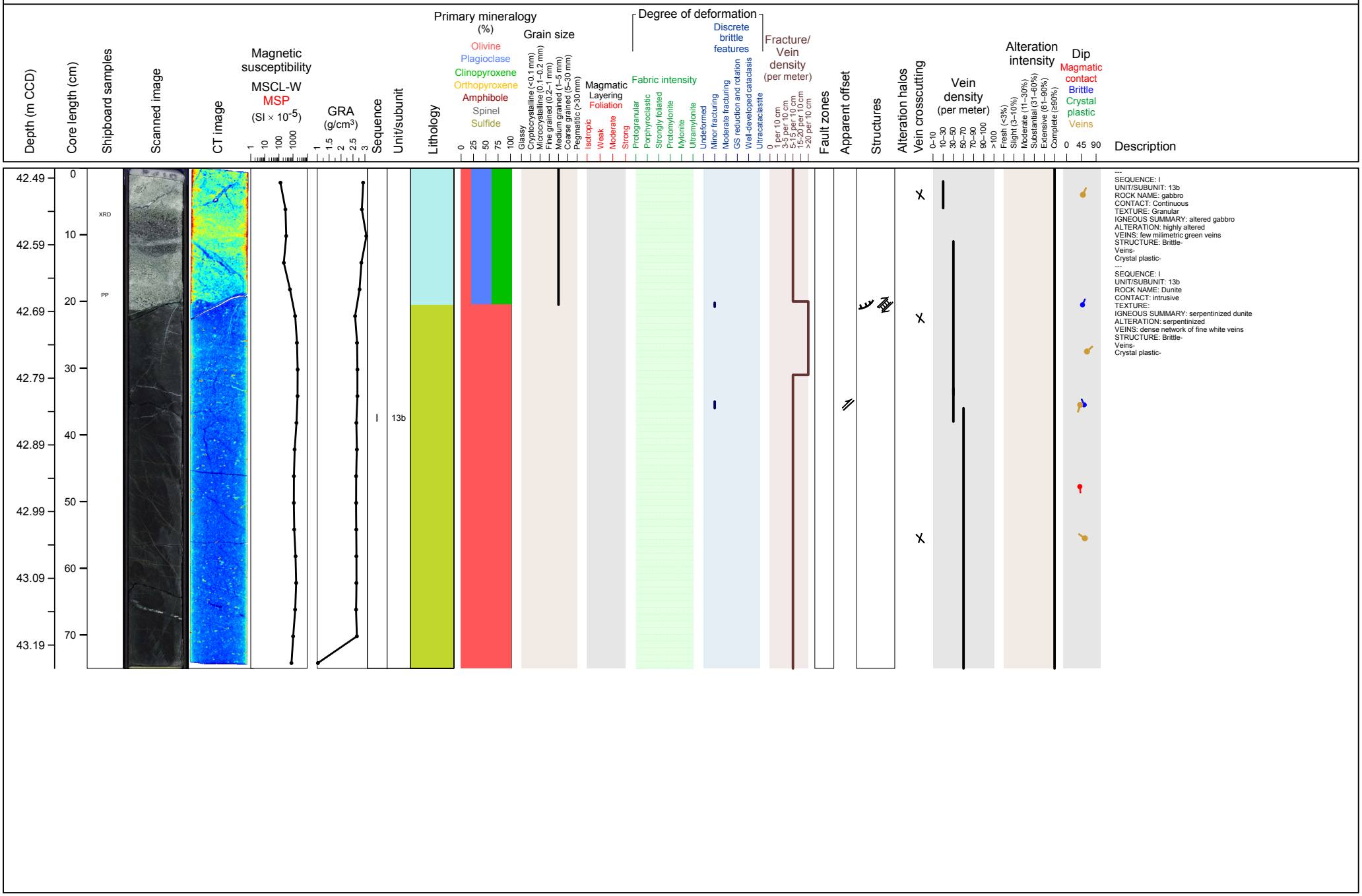
Hole BA4A-19Z Section 4, Top of Section 40.84 (m CCD)



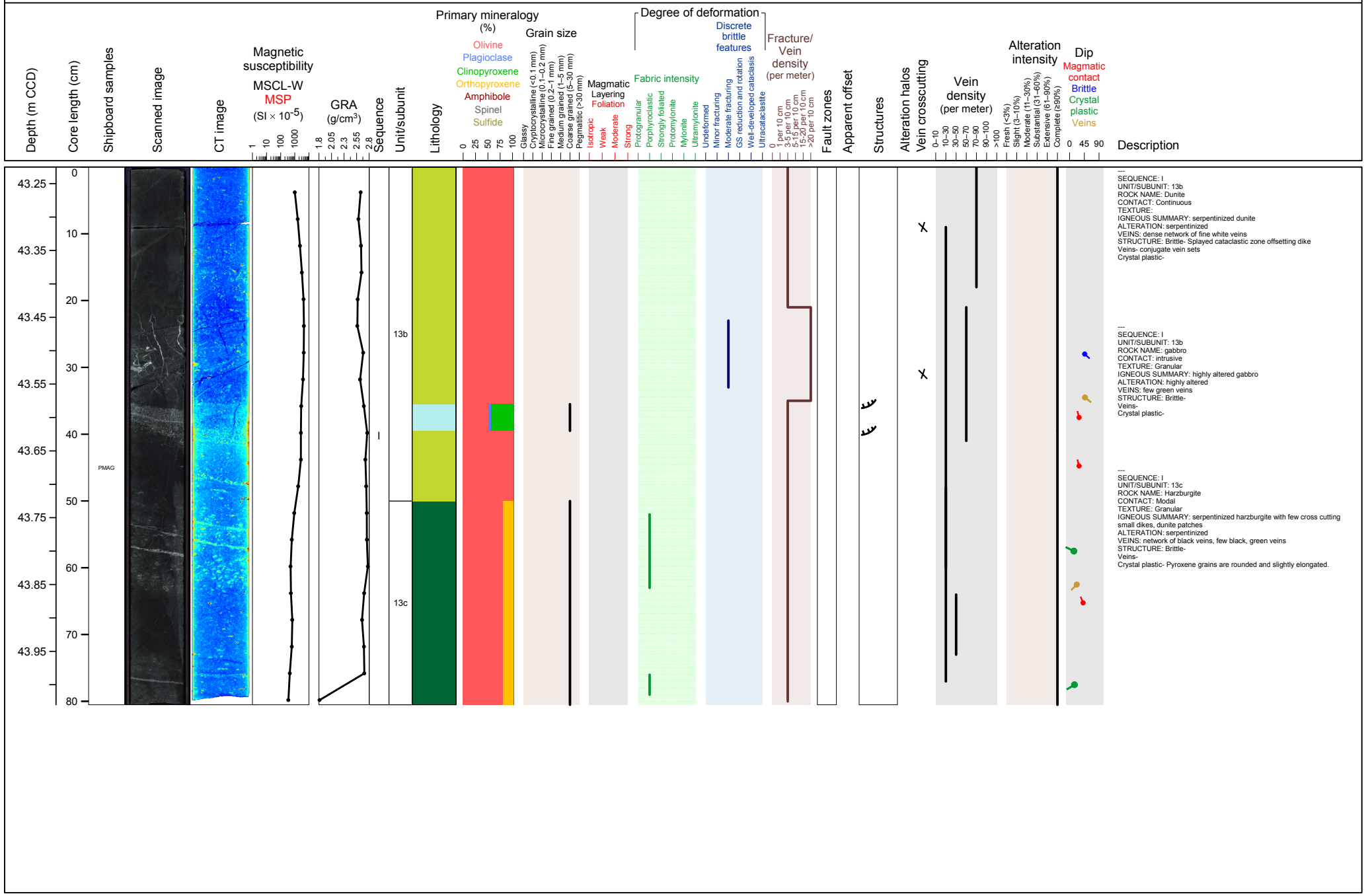
Hole BA4A-20Z Section 1, Top of Section 41.70 (m CCD)



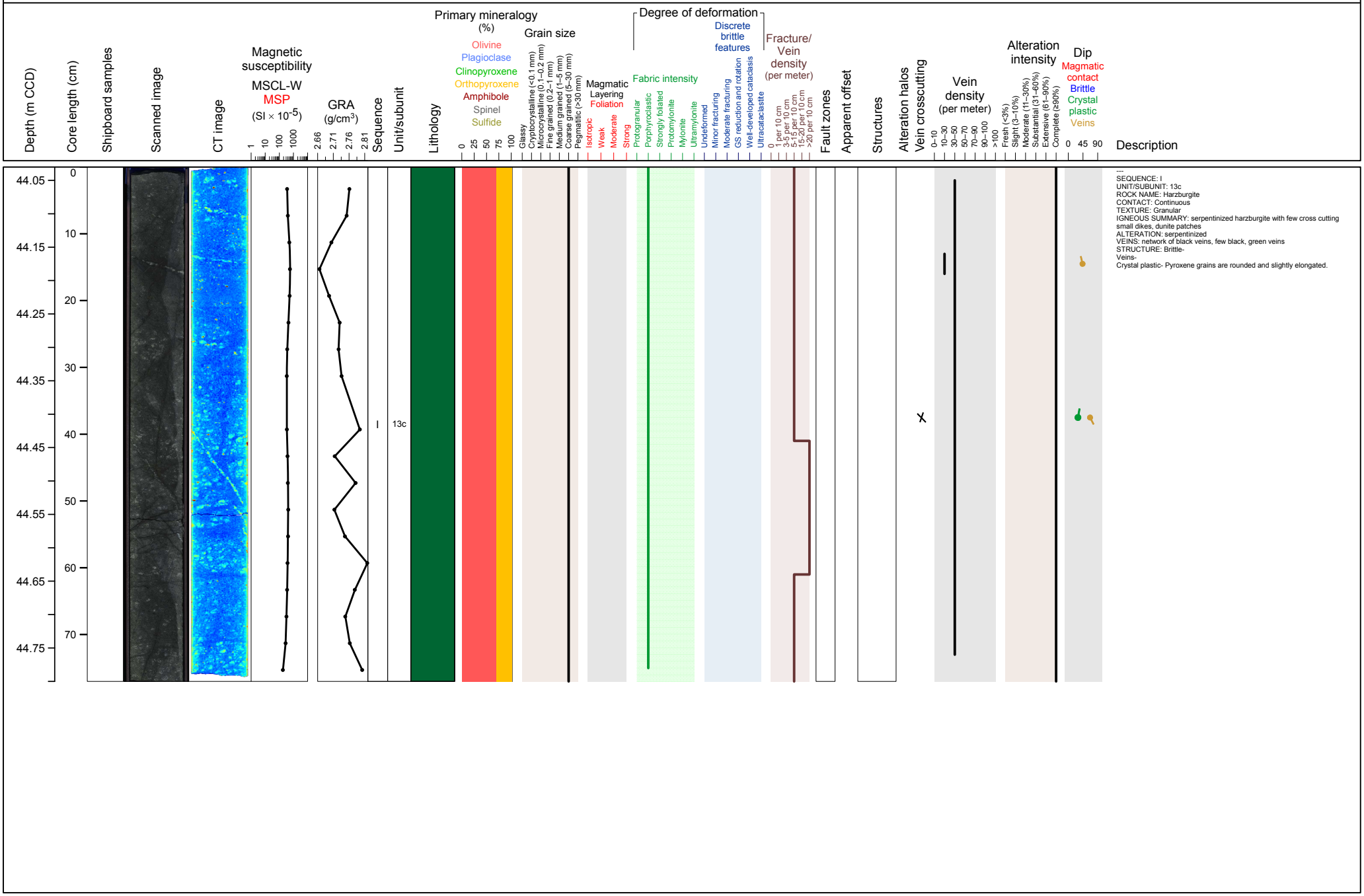
Hole BA4A-20Z Section 2, Top of Section 42.48 (m CCD)



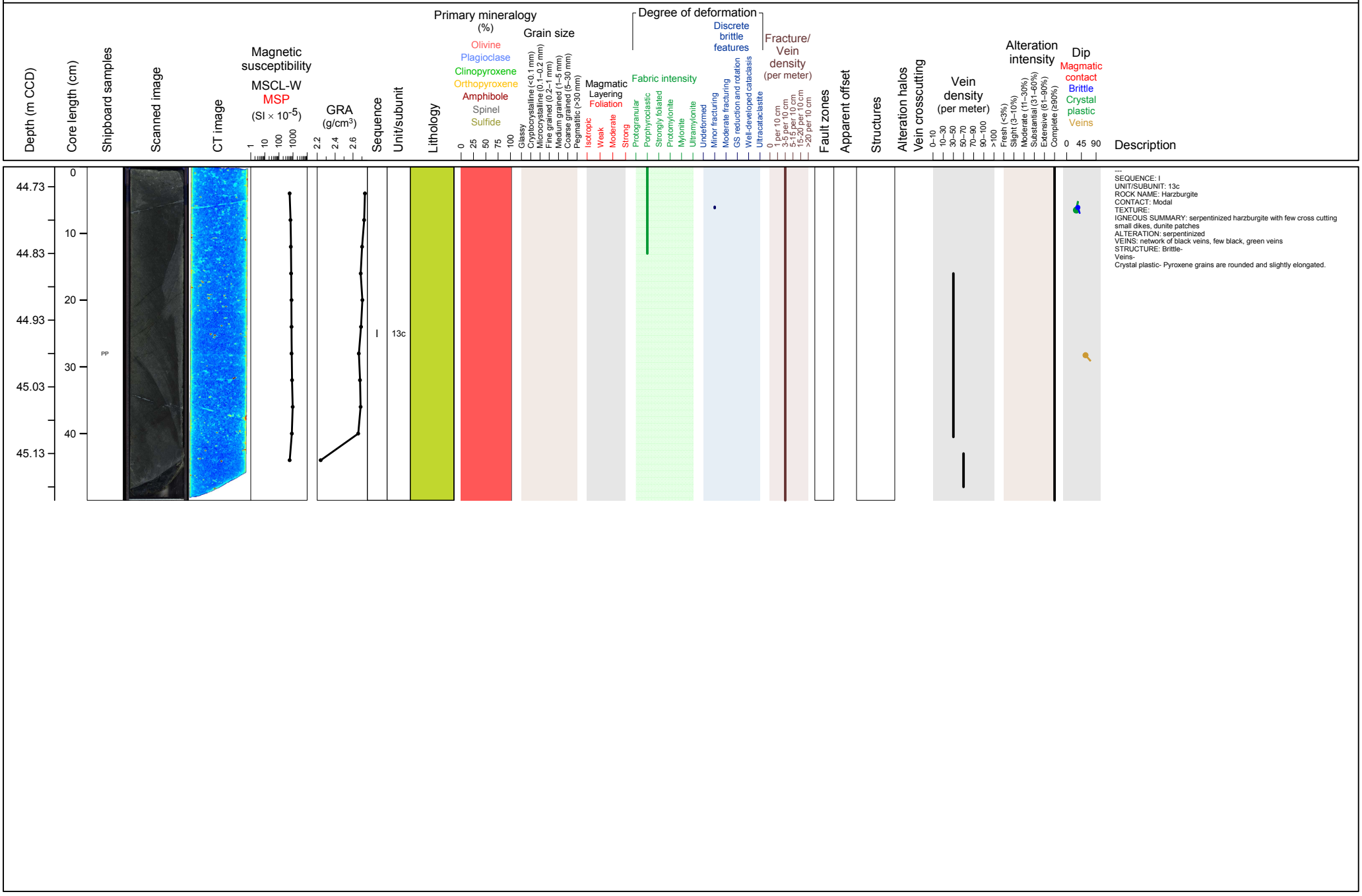
Hole BA4A-20Z Section 3, Top of Section 43.23 (m CCD)



Hole BA4A-20Z Section 4, Top of Section 44.03 (m CCD)

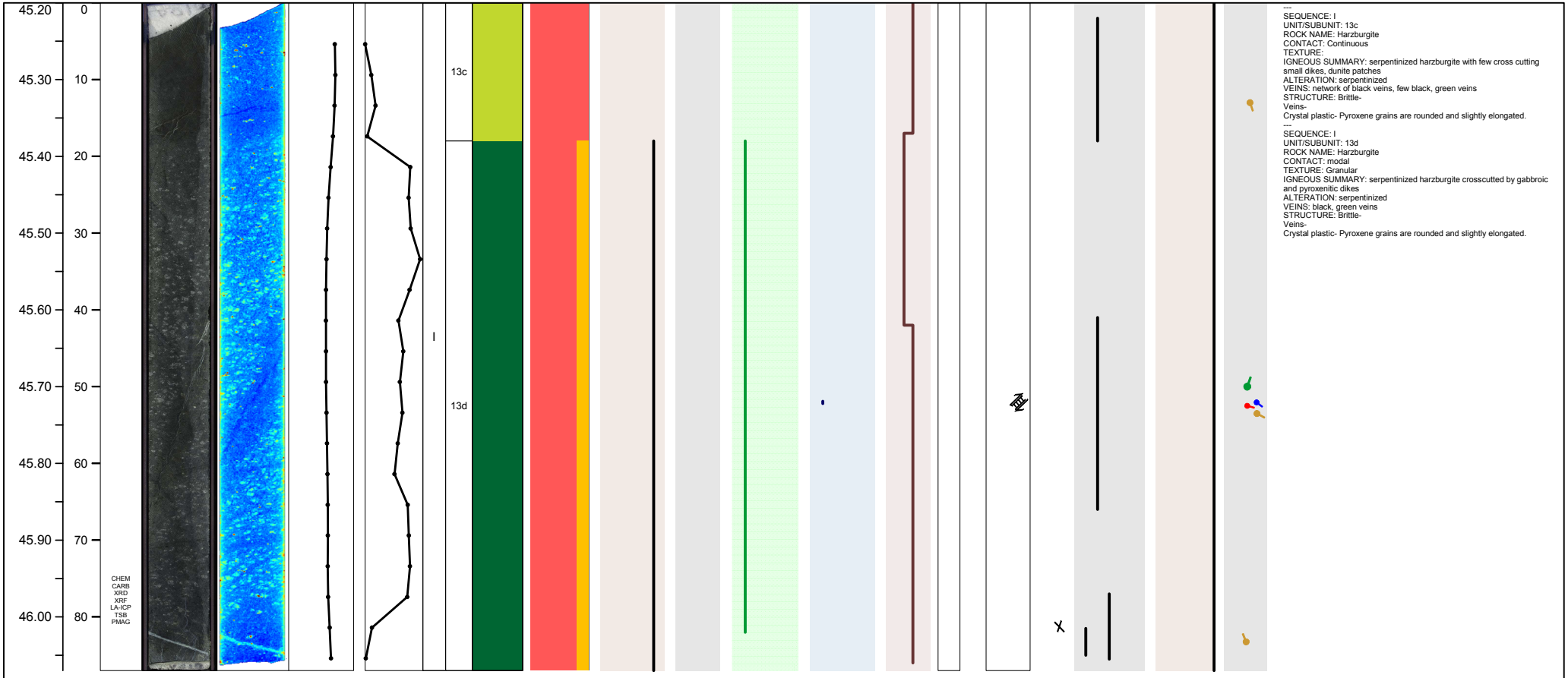


Hole BA4A-21Z Section 1, Top of Section 44.70 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 13c
ROCK NAME: Harzburgite
CONTACT: Modal
TEXTURE:
IGNEOUS SUMMARY: serpentinized harzburgite with few cross cutting small dikes, dunite patches
ALTERATION: serpentinized
VEINS: network of black veins, few black, green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

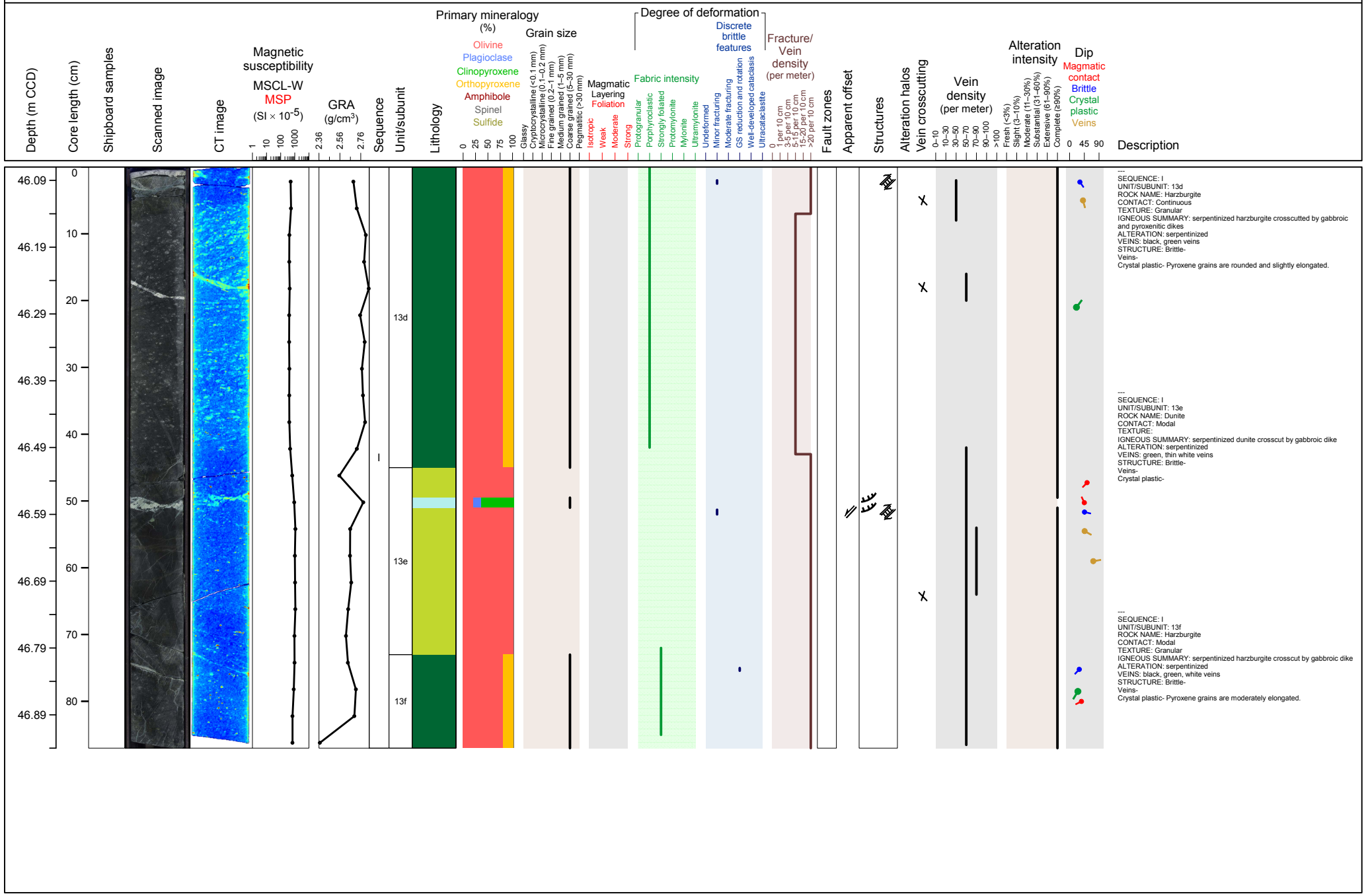
Hole BA4A-21Z Section 2, Top of Section 45.20 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 13c
ROCK NAME: Harzburgite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized harzburgite with few cross cutting small dikes, dunite patches
ALTERATION: serpentinized
VEINS: network of black veins, few black, green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 13d
ROCK NAME: Harzburgite
CONTACT: modal
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinized harzburgite crosscutted by gabbroic and pyroxenitic dikes
ALTERATION: serpentinized
VEINS: black, green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

Hole BA4A-21Z Section 3, Top of Section 46.07 (m CCD)

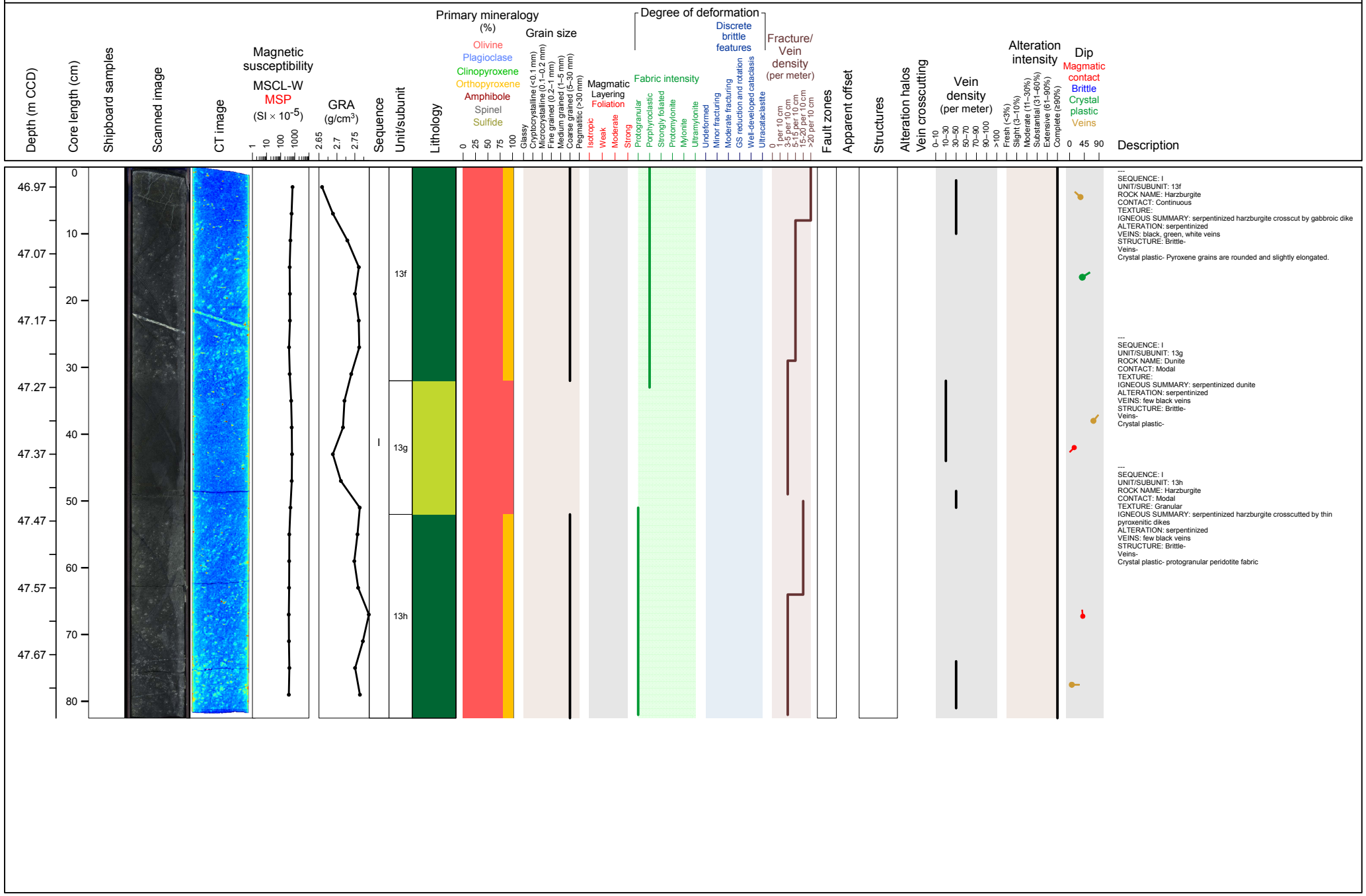


SEQUENCE: I
UNIT/SUBUNIT: 13d
ROCK NAME: Harzburgite
CONTACT: Continuous
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinized harzburgite crosscutted by gabbroic and pyroxenitic dikes
ALTERATION: serpentinized
VEINS: black, green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 13e
ROCK NAME: Dunite
CONTACT: Modal
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite crosscut by gabbroic dike
ALTERATION: serpentinized
VEINS: green, thin white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 13f
ROCK NAME: Harzburgite
CONTACT: Modal
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinized harzburgite crosscut by gabbroic dike
ALTERATION: serpentinized
VEINS: black, green, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are moderately elongated.

Hole BA4A-21Z Section 4, Top of Section 46.94 (m CCD)

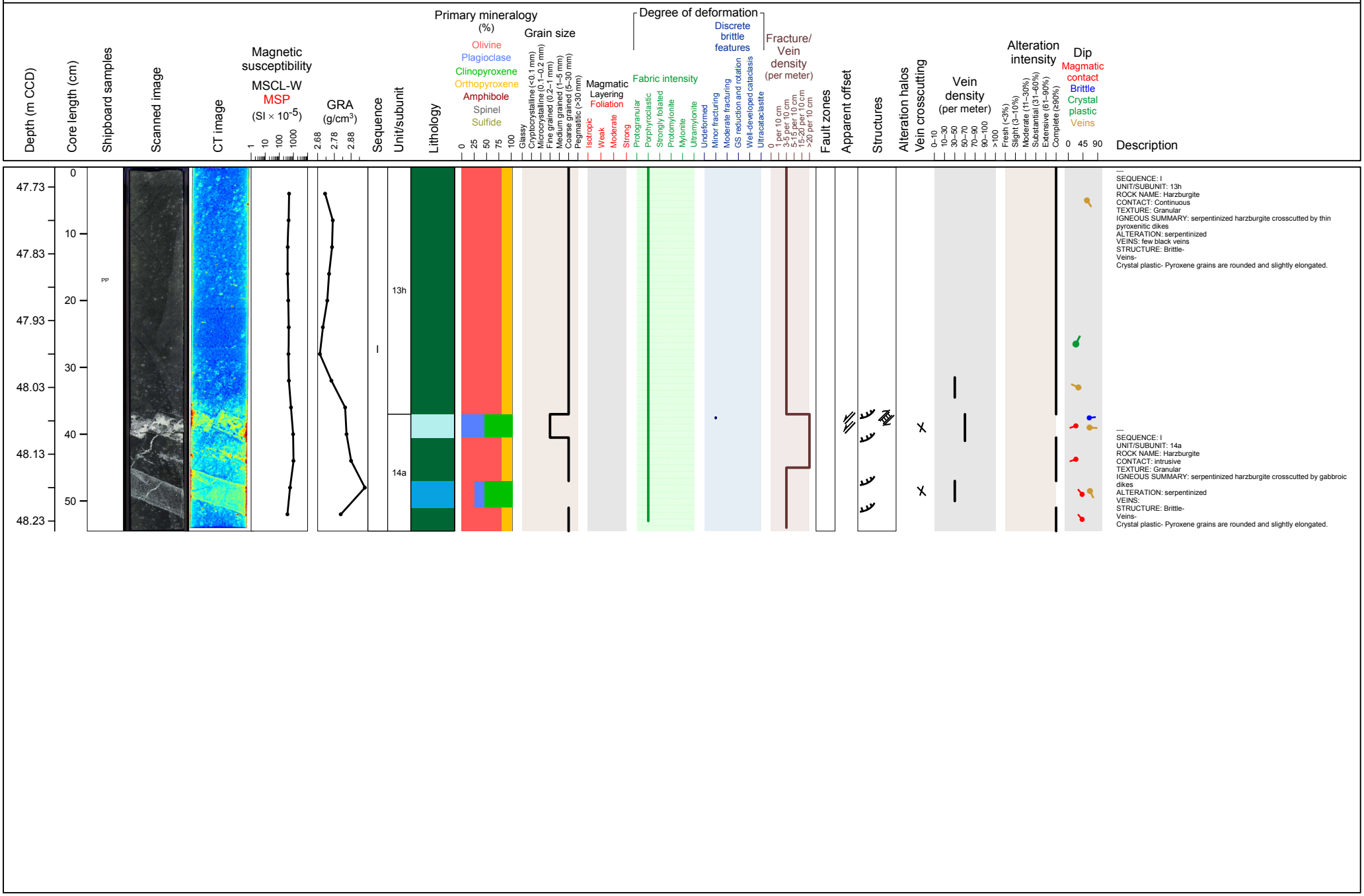


SEQUENCE: I
UNIT/SUBUNIT: 13f
ROCK NAME: Harzburgite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized harzburgite crosscut by gabbroic dike
ALTERATION: serpentinized
VEINS: black, green, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

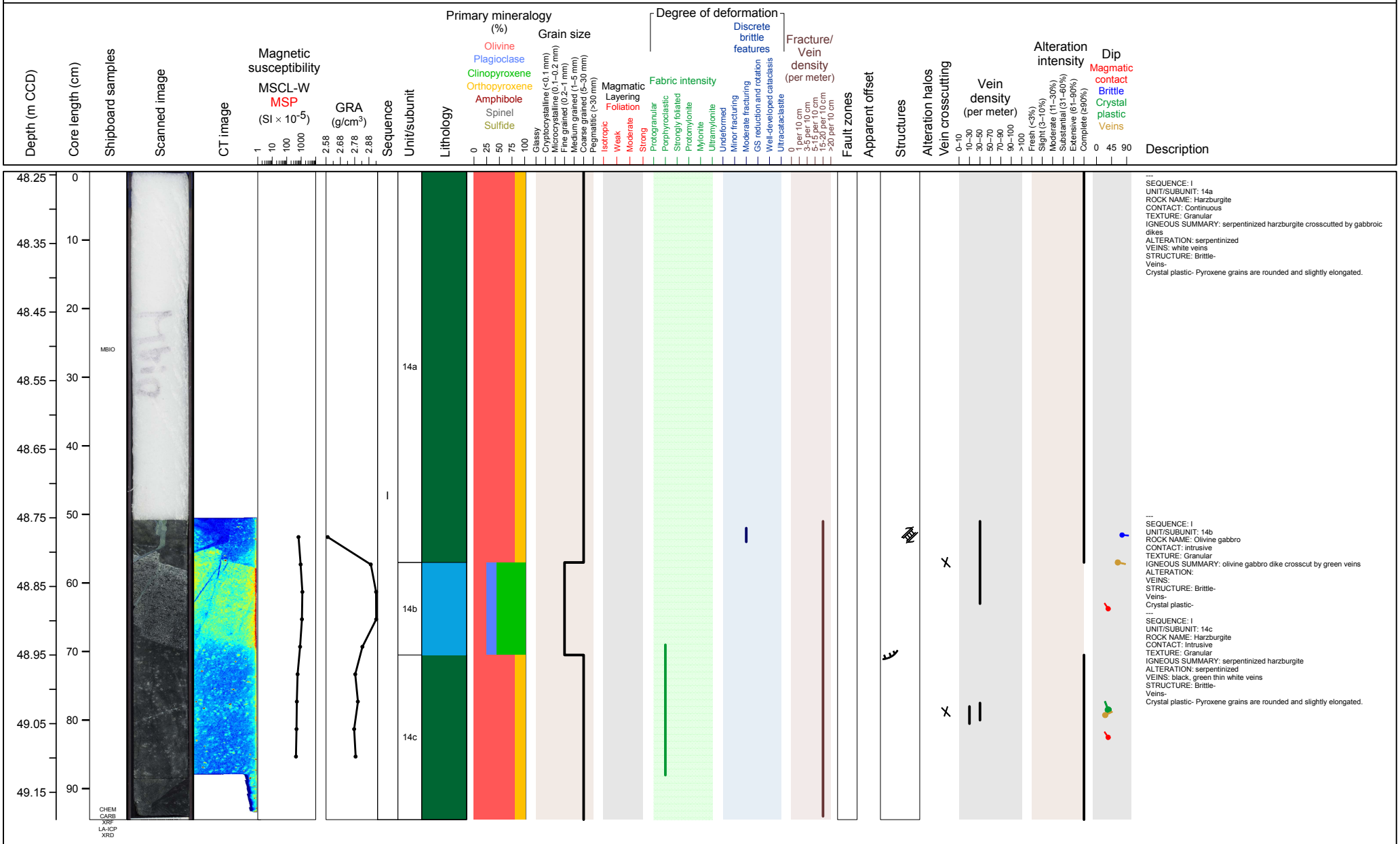
SEQUENCE: I
UNIT/SUBUNIT: 13g
ROCK NAME: Dunite
CONTACT: Modal
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite
ALTERATION: serpentinized
VEINS: few black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 13h
ROCK NAME: Harzburgite
CONTACT: Modal
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinized harzburgite crosscutted by thin pyroxenitic dikes
ALTERATION: serpentinized
VEINS: few black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- protogranular peridotite fabric

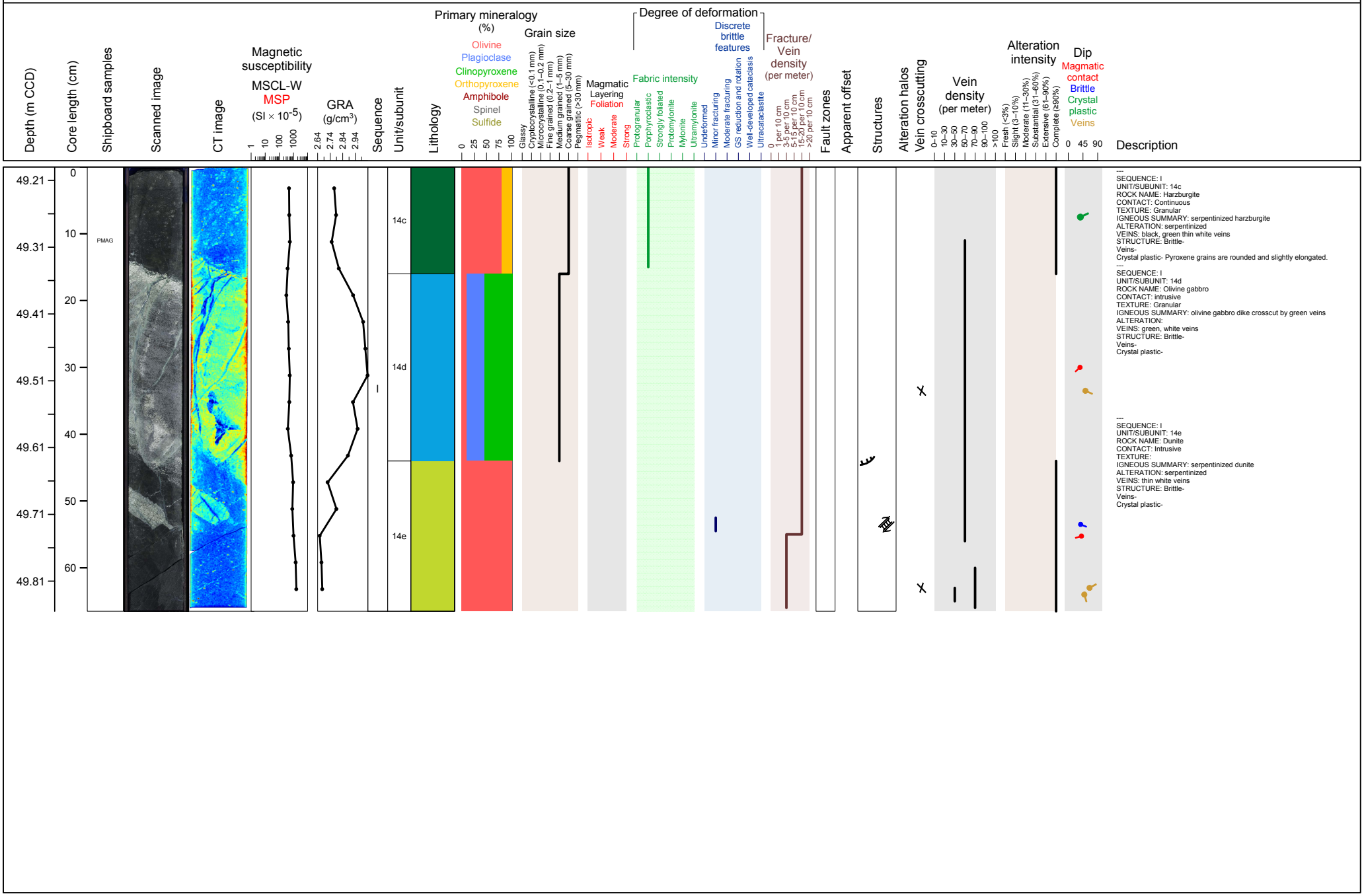
Hole BA4A-22Z Section 1, Top of Section 47.70 (m CCD)



Hole BA4A-22Z Section 2, Top of Section 48.25 (m CCD)



Hole BA4A-22Z Section 3, Top of Section 49.19 (m CCD)

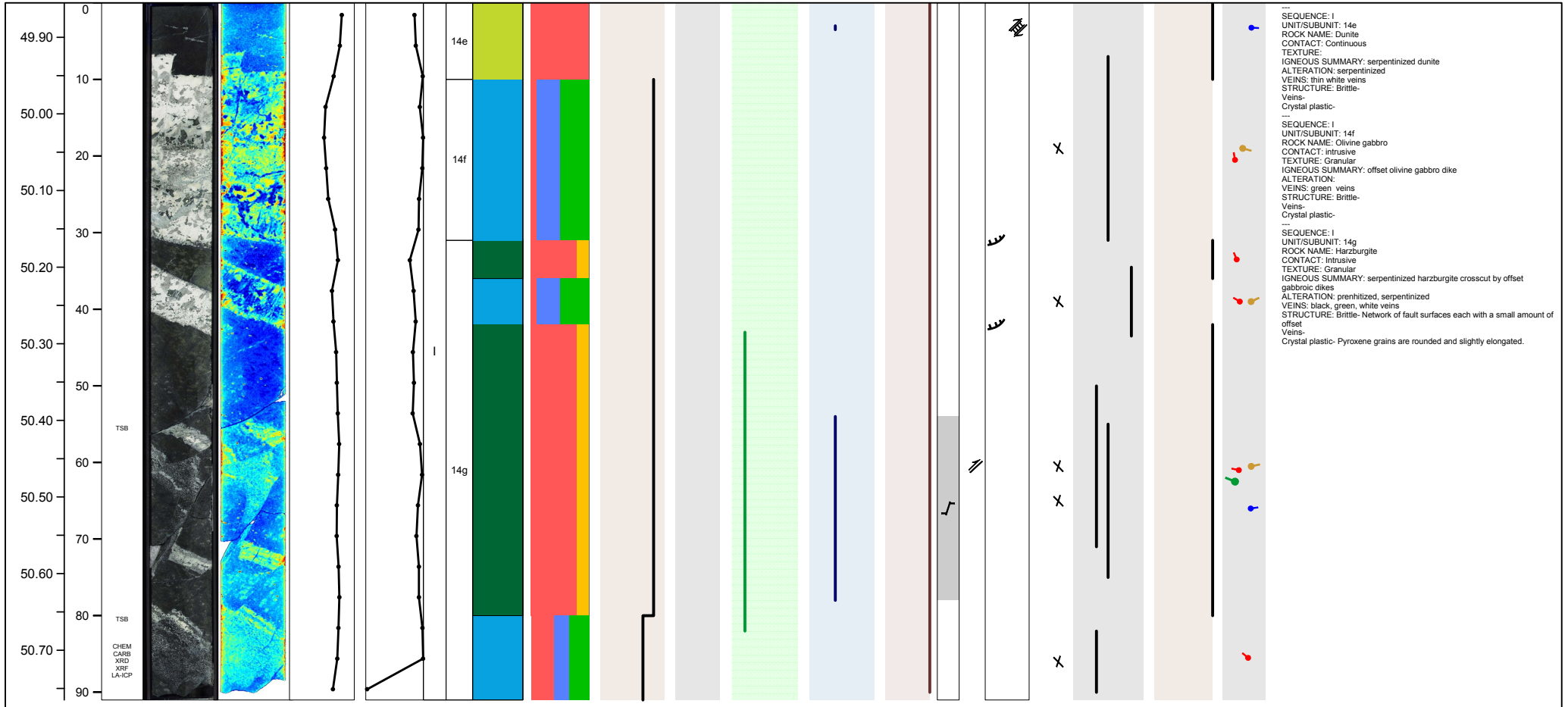


SEQUENCE: I
UNIT/SUBUNIT: 14c
ROCK NAME: Harzburgite
CONTACT: Continuous
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinized harzburgite
ALTERATION: serpentinized
VEINS: black, green thin white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

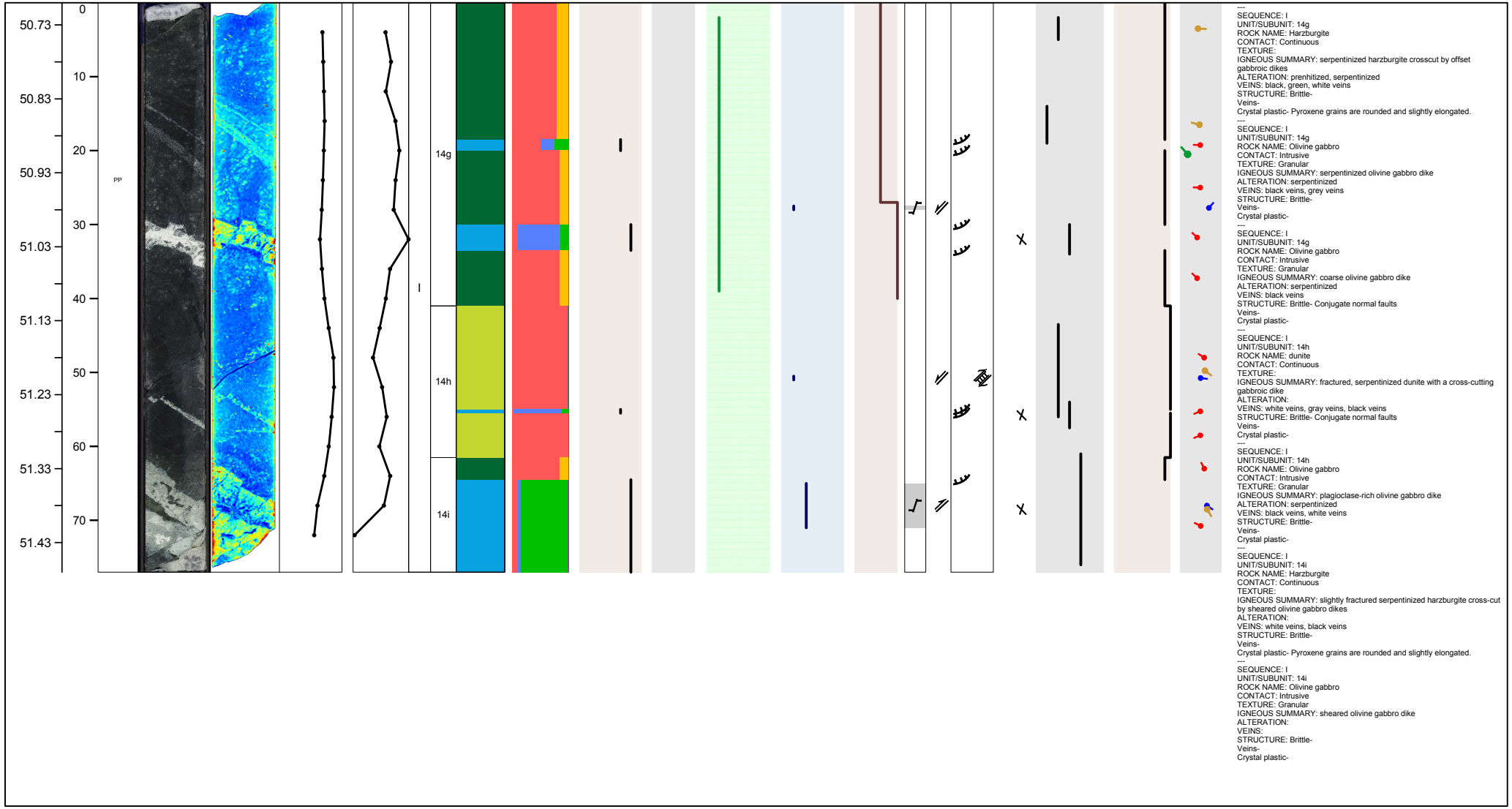
SEQUENCE: I
UNIT/SUBUNIT: 14d
ROCK NAME: Olivine gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: olivine gabbro dike crosscut by green veins
ALTERATION:
VEINS: green, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 14e
ROCK NAME: Dunite
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite
ALTERATION: serpentinized
VEINS: thin white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-22Z Section 4, Top of Section 49.86 (m CCD)



Hole BA4A-23Z Section 1, Top of Section 50.70 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 14g
ROCK NAME: Harzburgite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized harzburgite crosscut by offset gabbroic dikes
ALTERATION: prenhitized, serpentinized
VEINS: black, green, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 14g
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinized olivine gabbro dike
ALTERATION: serpentinized
VEINS: black veins, grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 14g
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: coarse olivine gabbro dike
ALTERATION: serpentinized
VEINS: black veins
STRUCTURE: Brittle- Conjugate normal faults
Veins-
Crystal plastic-

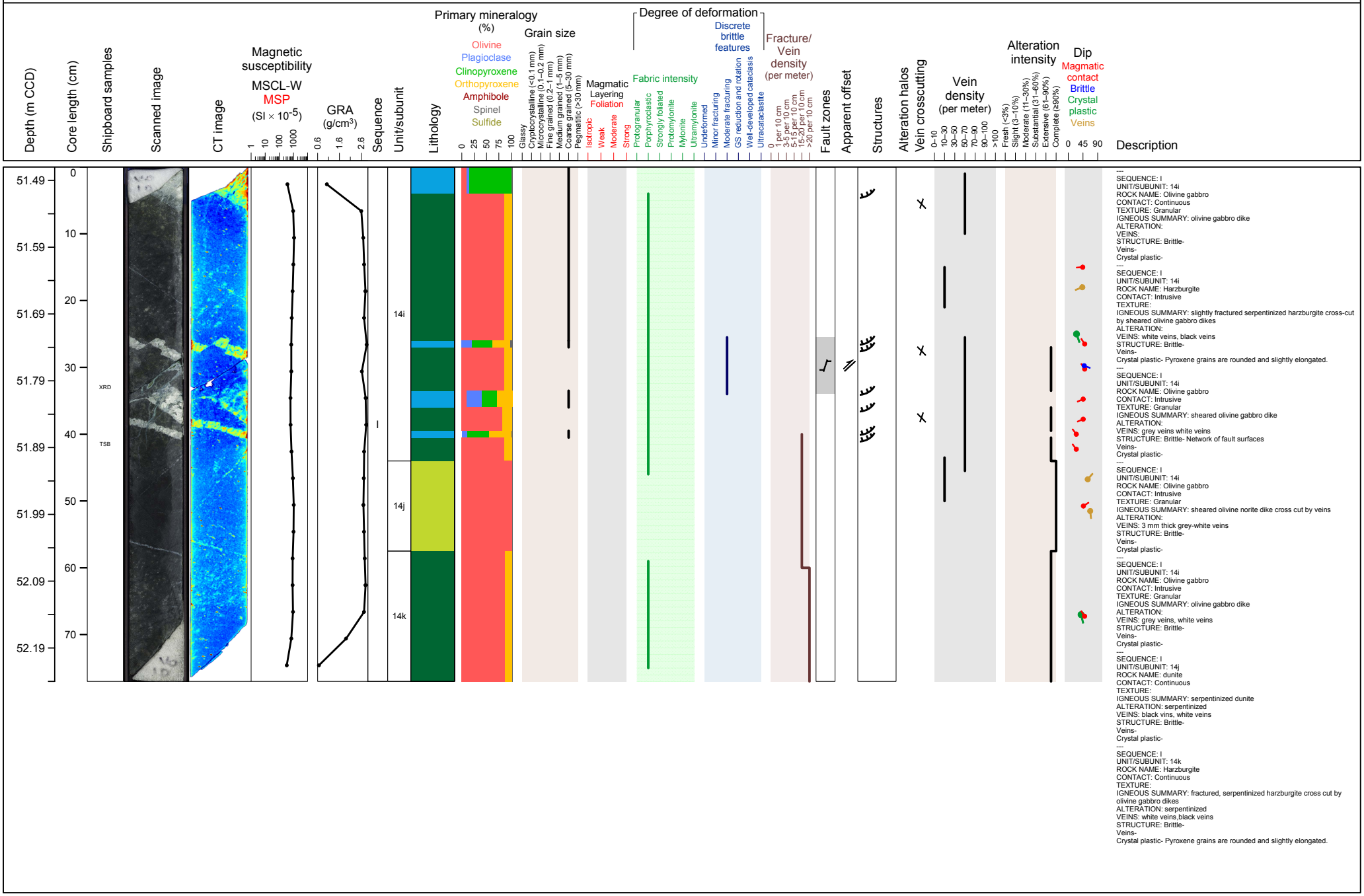
SEQUENCE: I
UNIT/SUBUNIT: 14h
ROCK NAME: dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: fractured, serpentinized dunite with a cross-cutting gabbroic dike
ALTERATION:
VEINS: white veins, gray veins, black veins
STRUCTURE: Brittle- Conjugate normal faults
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 14h
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: plagioclase-rich olivine gabbro dike
ALTERATION: serpentinized
VEINS: black veins, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 14i
ROCK NAME: Harzburgite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: slightly fractured serpentinized harzburgite cross-cut by sheared olivine gabbro dikes
ALTERATION:
VEINS: white veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 14i
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: sheared olivine gabbro dike
ALTERATION:
VEINS:
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-23Z Section 2, Top of Section 51.47 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 14i
ROCK NAME: Olivine gabbro
CONTACT: Continuous
TEXTURE: Granular
IGNEOUS SUMMARY: olivine gabbro dike
ALTERATION:
VEINS:
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 14i
ROCK NAME: Harzburgite
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: slightly fractured serpentinized harzburgite cross-cut by sheared olivine gabbro dikes
ALTERATION:
VEINS: white veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 14i
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: sheared olivine gabbro dike
ALTERATION:
VEINS: grey veins white veins
STRUCTURE: Brittle- Network of fault surfaces
Veins-
Crystal plastic-

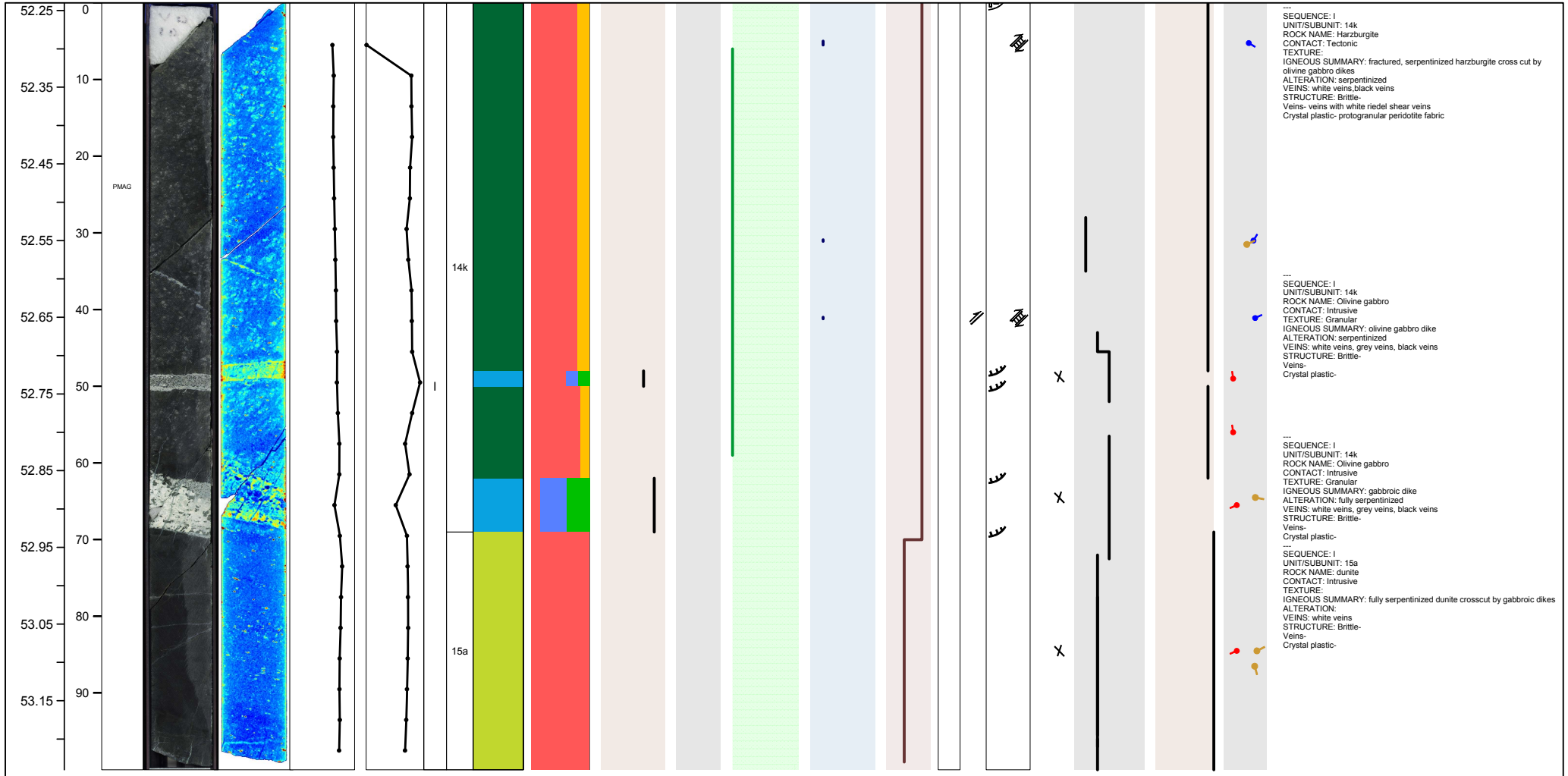
SEQUENCE: I
UNIT/SUBUNIT: 14i
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: sheared olivine norite dike cross cut by veins
ALTERATION:
VEINS: 3 mm thick grey-white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 14i
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: olivine gabbro dike
ALTERATION:
VEINS: grey veins, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

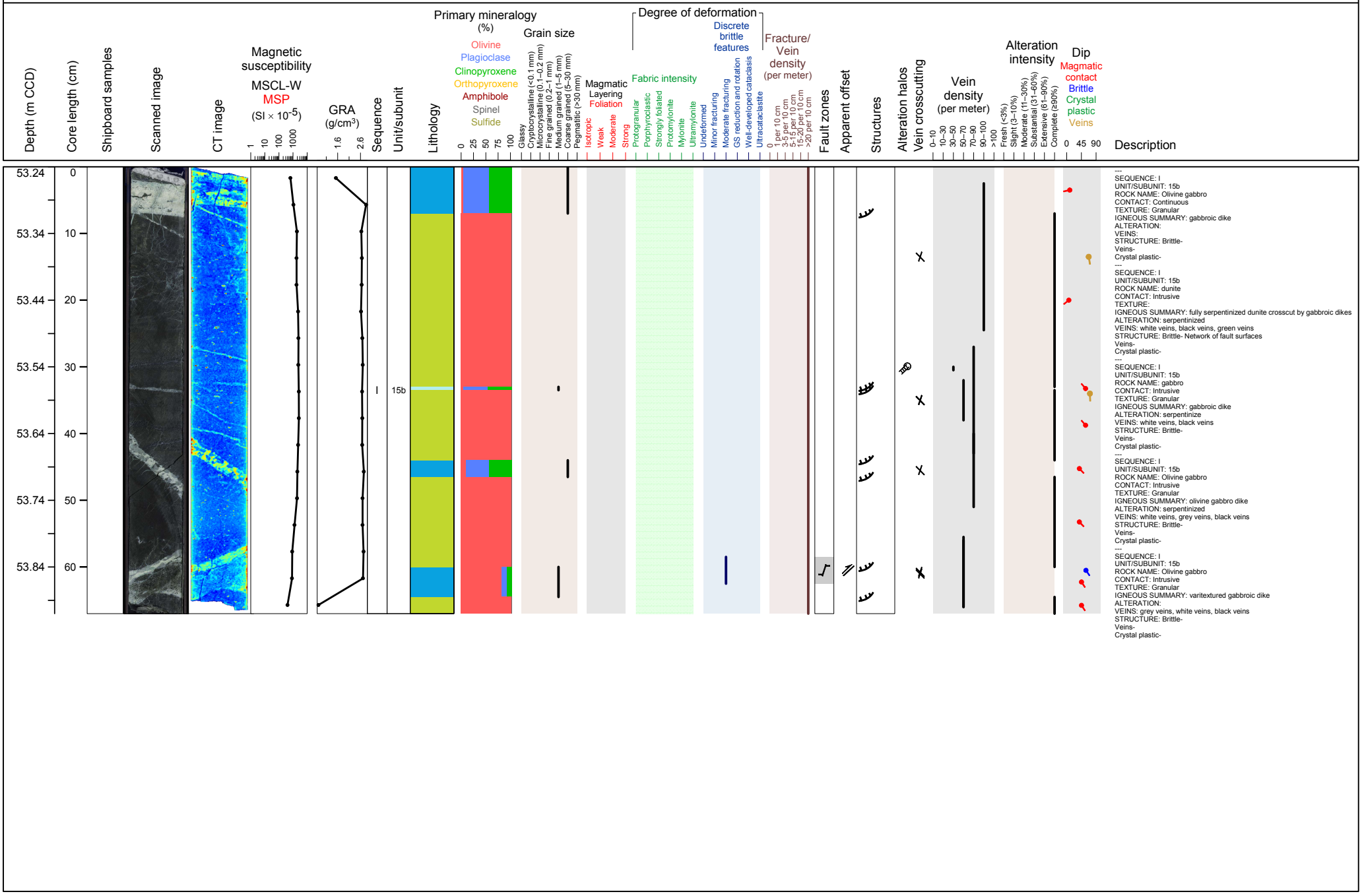
SEQUENCE: I
UNIT/SUBUNIT: 14j
ROCK NAME: dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite
ALTERATION: serpentinized
VEINS: black vins, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 14k
ROCK NAME: Harzburgite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: fractured, serpentinized harzburgite cross cut by olivine gabbro dikes
ALTERATION: serpentinized
VEINS: white veins,black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

Hole BA4A-23Z Section 3, Top of Section 52.24 (m CCD)



Hole BA4A-23Z Section 4, Top of Section 53.24 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 15b
ROCK NAME: Olivine gabbro
CONTACT: Continuous
TEXTURE: Granular
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS:
STRUCTURE: Brittle-
Veins-
Crystal plastic-

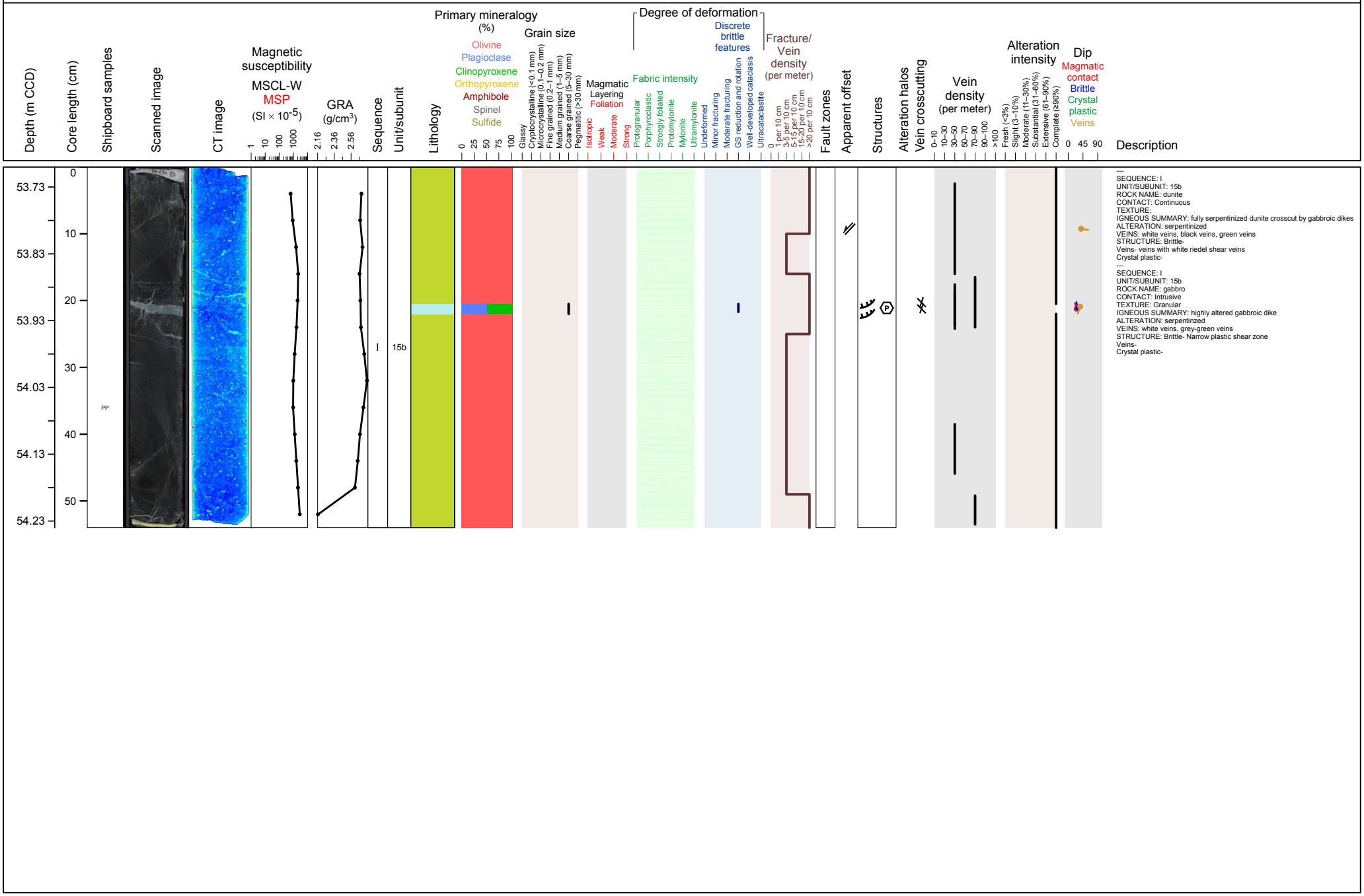
SEQUENCE: I
UNIT/SUBUNIT: 15b
ROCK NAME: dunite
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: fully serpentinized dunite crosscut by gabbroic dikes
ALTERATION: serpentinized
VEINS: white veins, black veins, green veins
STRUCTURE: Brittle- Network of fault surfaces
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 15b
ROCK NAME: gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: gabbroic dike
ALTERATION: serpentinize
VEINS: white veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

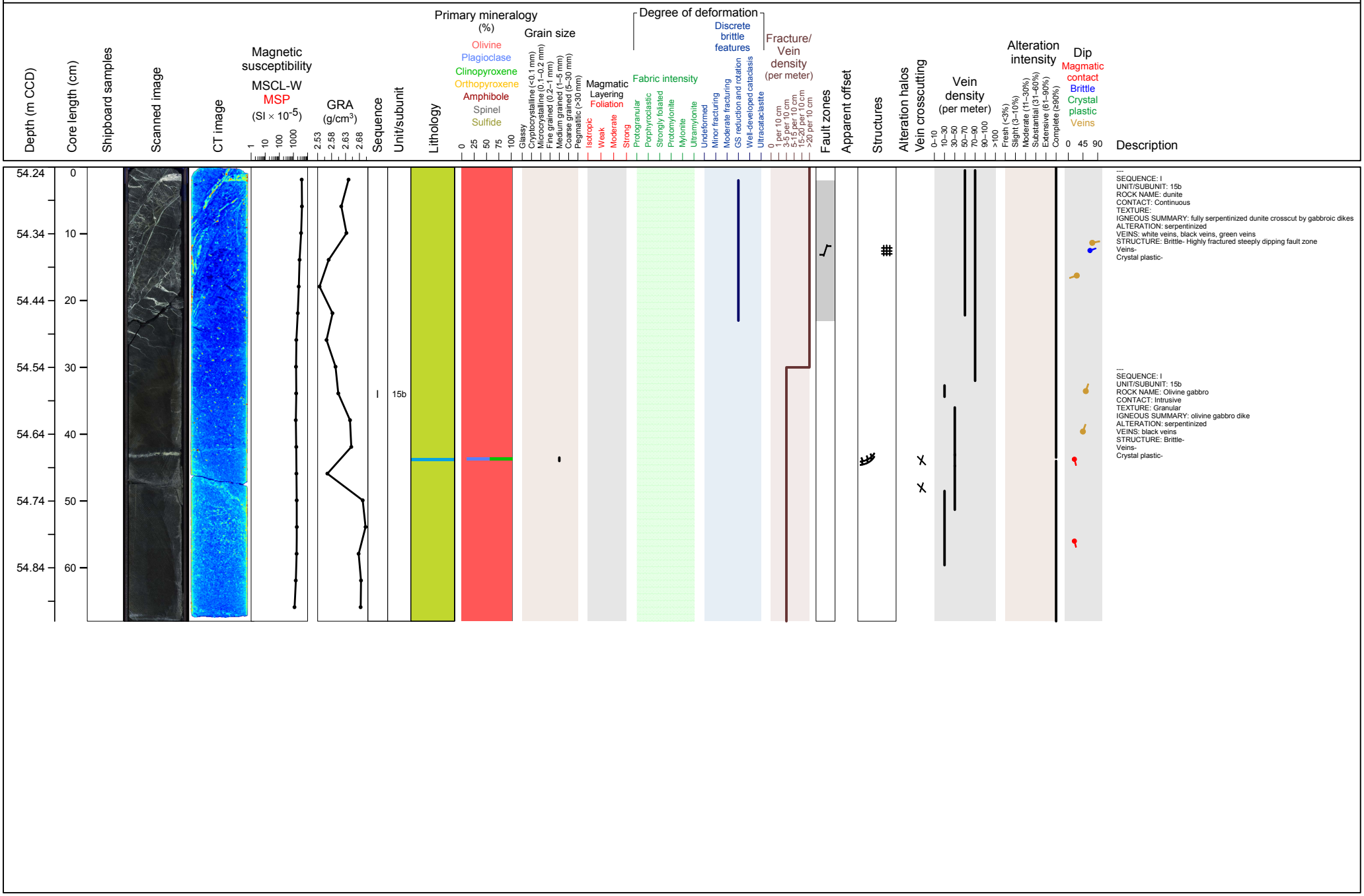
SEQUENCE: I
UNIT/SUBUNIT: 15b
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: olivine gabbro dike
ALTERATION: serpentinized
VEINS: white veins, grey veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 15b
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: varitextured gabbroic dike
ALTERATION:
VEINS: grey veins, white veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

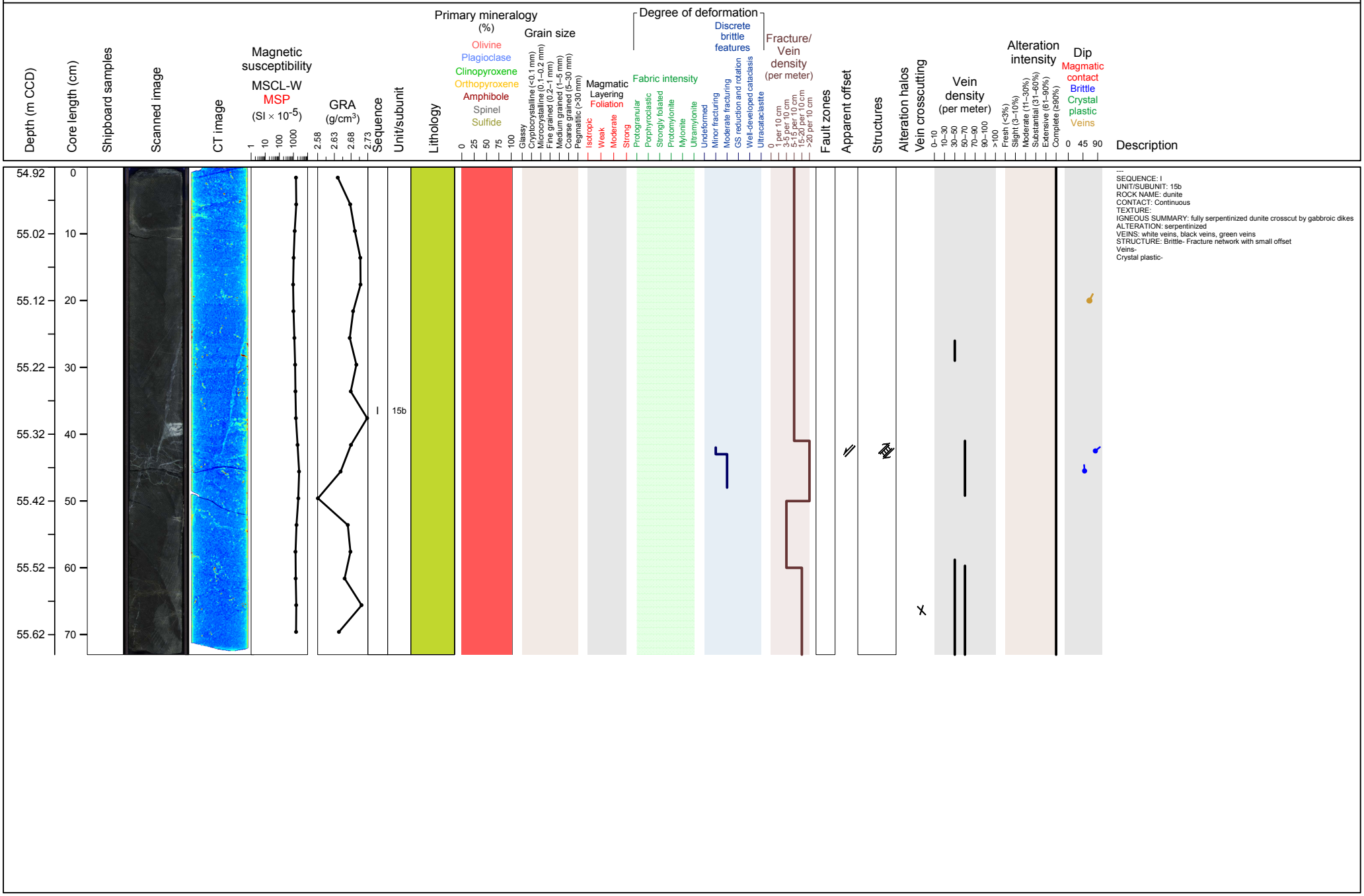
Hole BA4A-24Z Section 1, Top of Section 53.70 (m CCD)



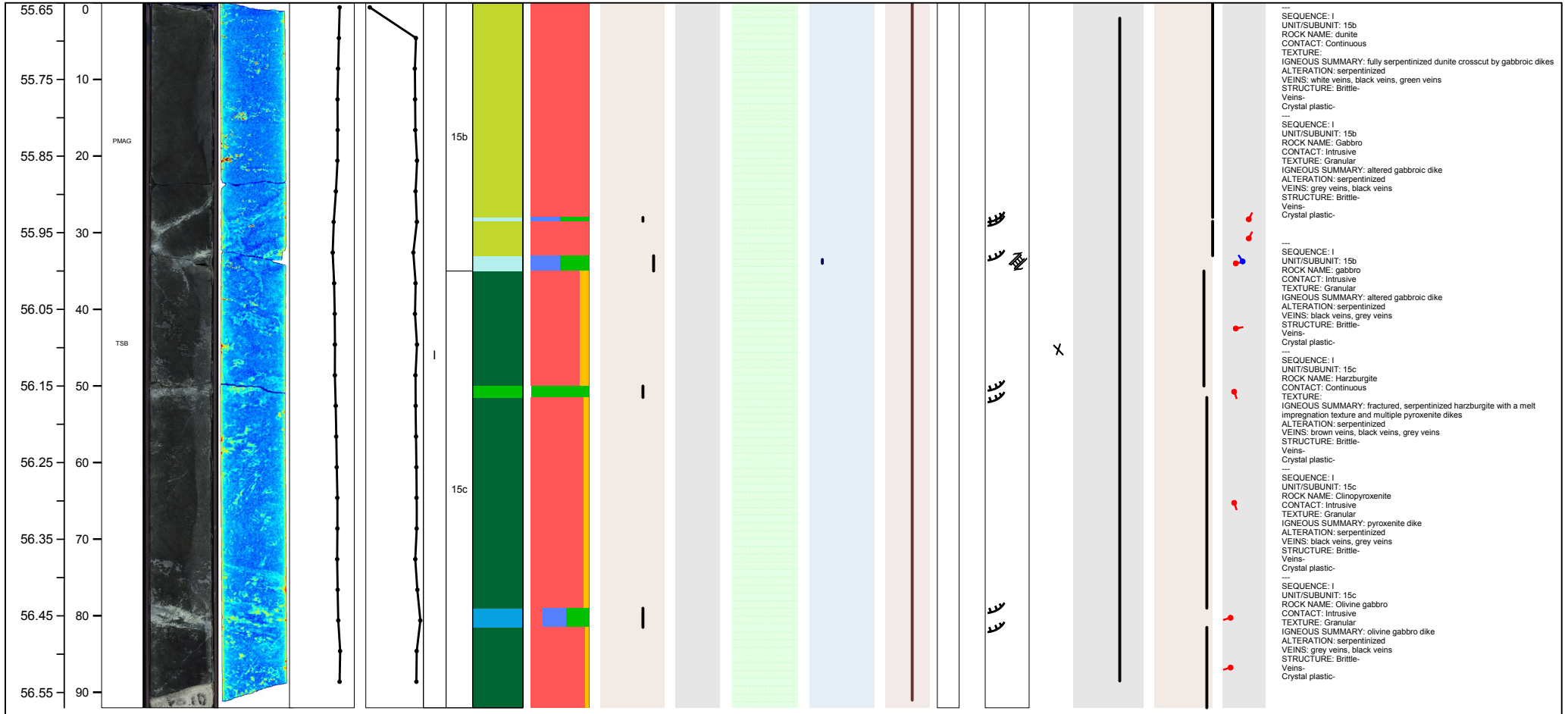
Hole BA4A-24Z Section 2, Top of Section 54.24 (m CCD)



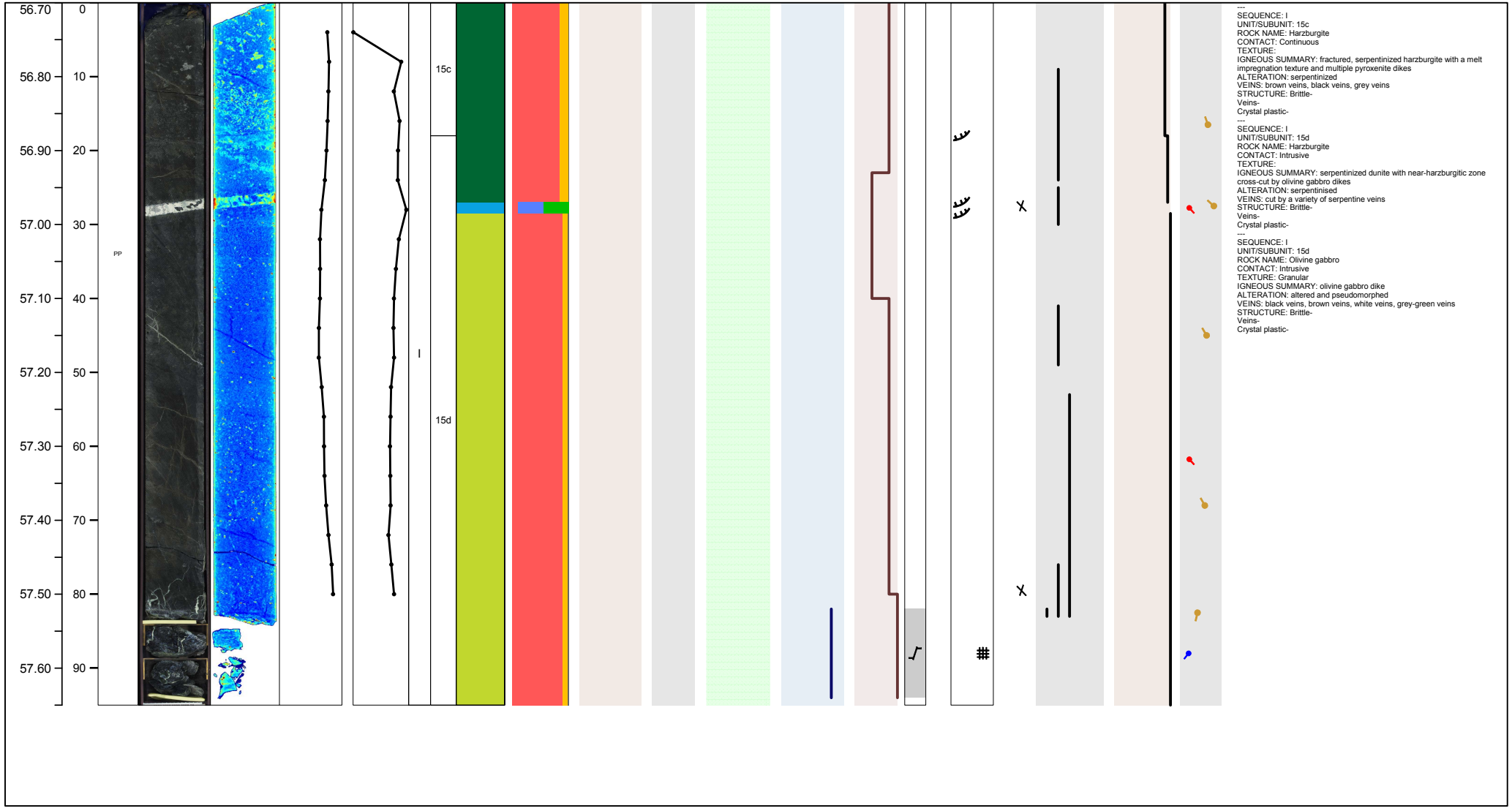
Hole BA4A-24Z Section 3, Top of Section 54.92 (m CCD)



Hole BA4A-24Z Section 4, Top of Section 55.65 (m CCD)



Hole BA4A-25Z Section 1, Top of Section 56.70 (m CCD)

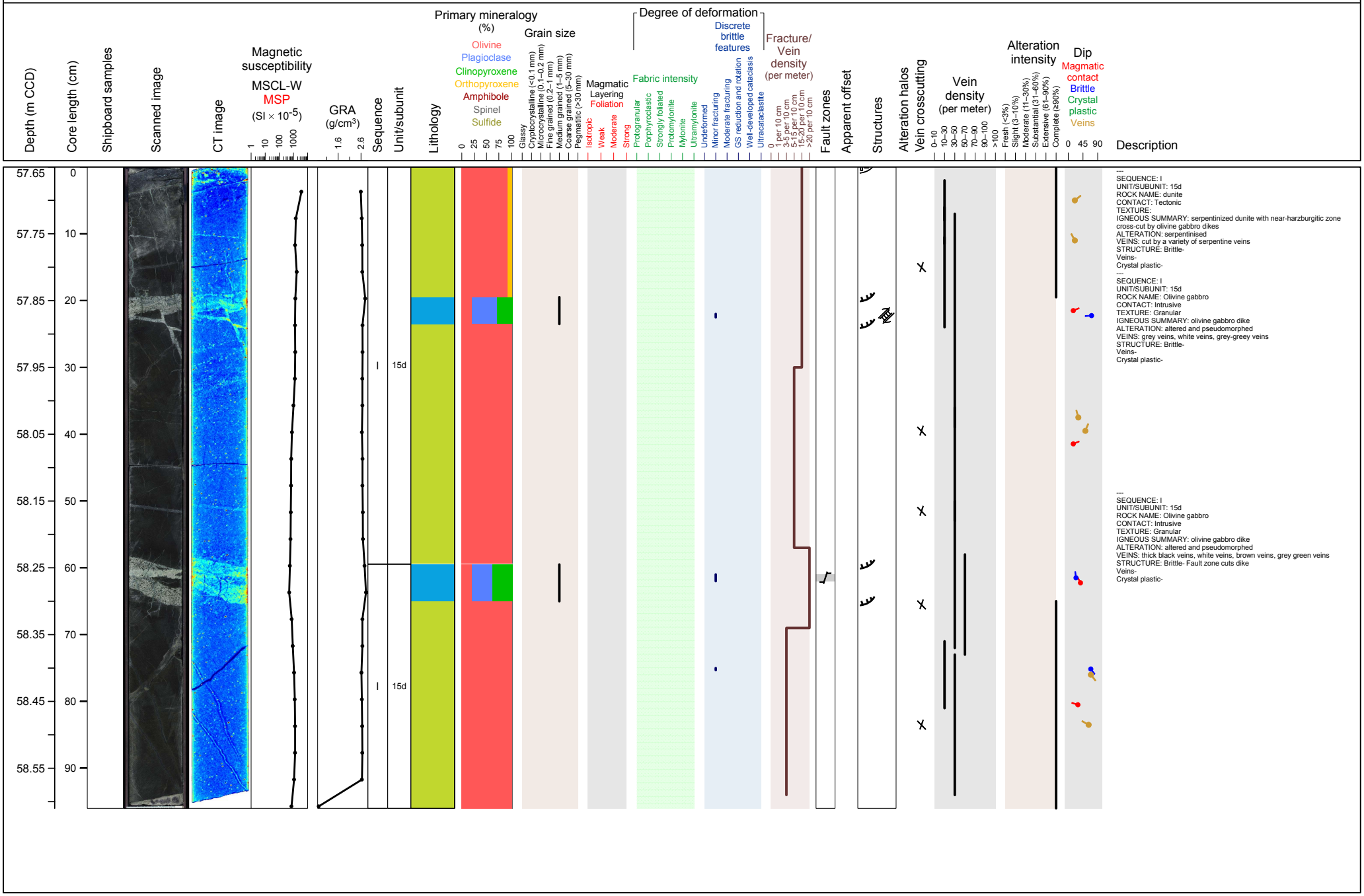


SEQUENCE: I
UNIT/SUBUNIT: 15c
ROCK NAME: Harzburgite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: fractured, serpentinized harzburgite with a melt impregnation texture and multiple pyroxenite dikes
ALTERATION: serpentinized
VEINS: brown veins, black veins, grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 15d
ROCK NAME: Harzburgite
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite with near-harzburgitic zone cross-cut by olivine gabbro dikes
ALTERATION: serpentinised
VEINS: cut by a variety of serpentine veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 15d
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: olivine gabbro dike
ALTERATION: altered and pseudomorphed
VEINS: black veins, brown veins, white veins, grey-green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-25Z Section 2, Top of Section 57.65 (m CCD)

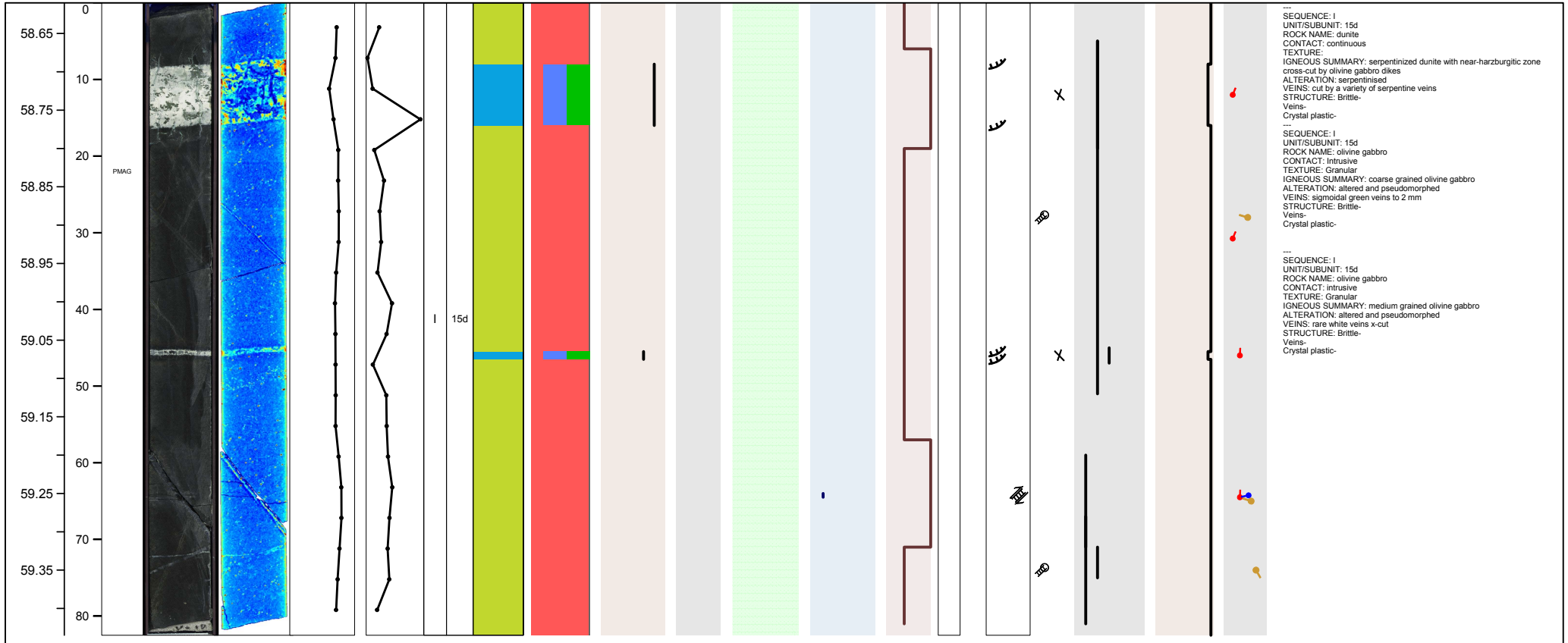


SEQUENCE: I
UNIT/SUBUNIT: 15d
ROCK NAME: dunite
CONTACT: Tectonic
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite with near-harzburgitic zone cross-cut by olivine gabbro dikes
ALTERATION: serpentinised
VEINS: cut by a variety of serpentine veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

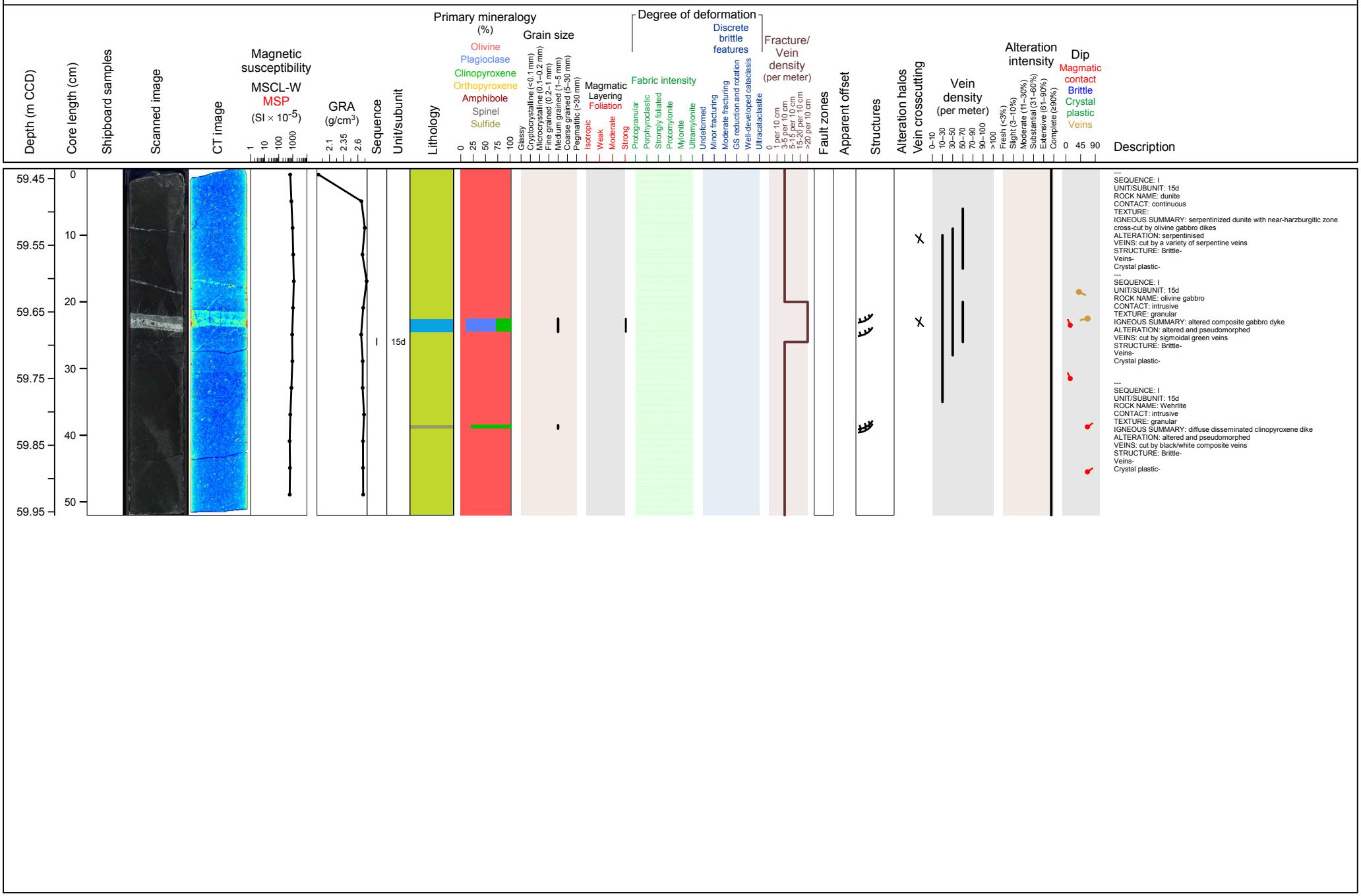
SEQUENCE: I
UNIT/SUBUNIT: 15d
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: olivine gabbro dike
ALTERATION: altered and pseudomorphed
VEINS: grey veins, white veins, grey-greey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 15d
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: olivine gabbro dike
ALTERATION: altered and pseudomorphed
VEINS: thick black veins, white veins, brown veins, grey green veins
STRUCTURE: Brittle- Fault zone cuts dike
Veins-
Crystal plastic-

Hole BA4A-25Z Section 3, Top of Section 58.61 (m CCD)



Hole BA4A-25Z Section 4, Top of Section 59.44 (m CCD)

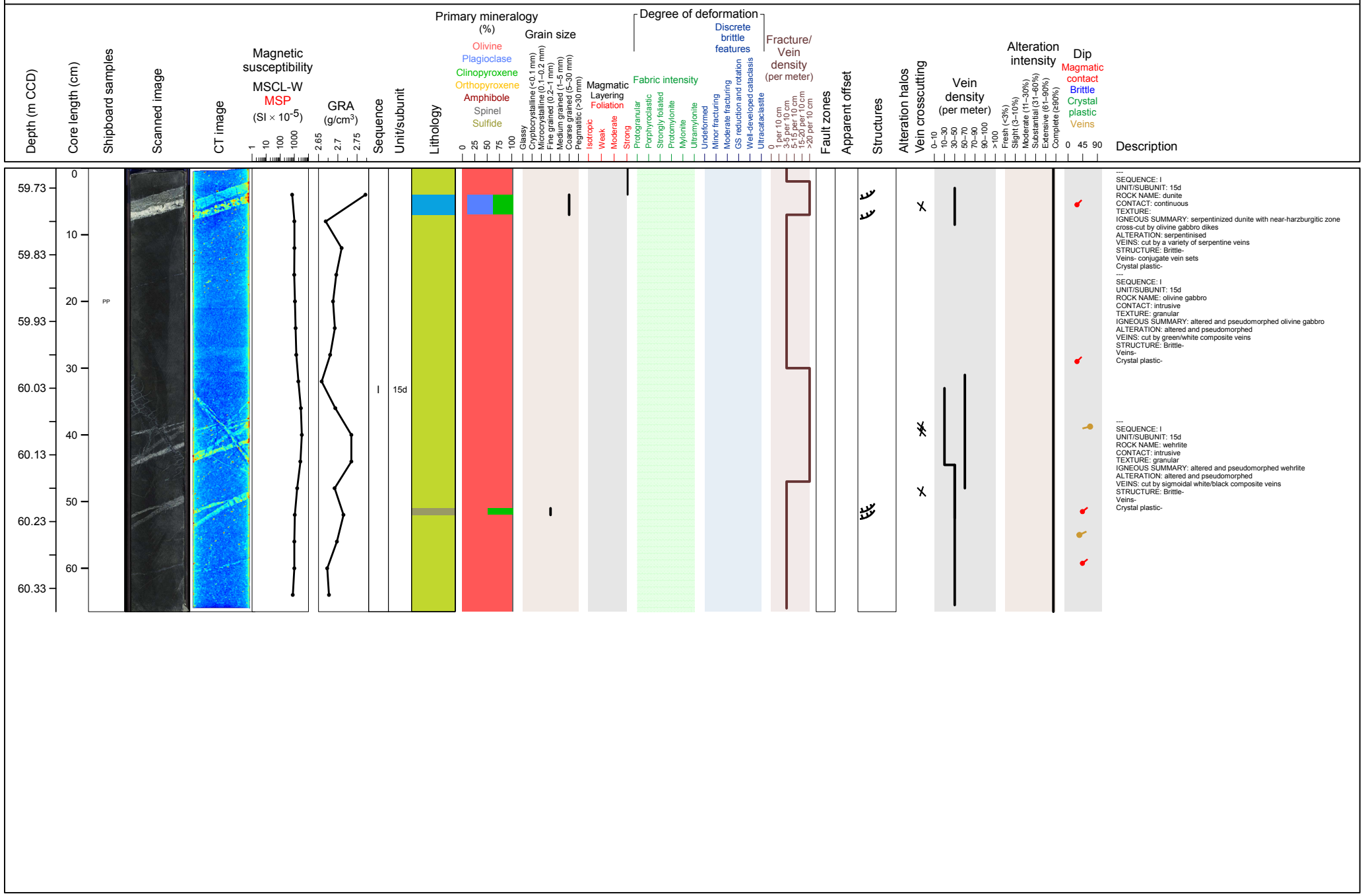


SEQUENCE: I
UNIT/SUBUNIT: 15d
ROCK NAME: dunite
CONTACT: continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite with near-harzburgitic zone cross-cut by olivine gabbro dikes
ALTERATION: serpentinised
VEINS: cut by a variety of serpentine veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

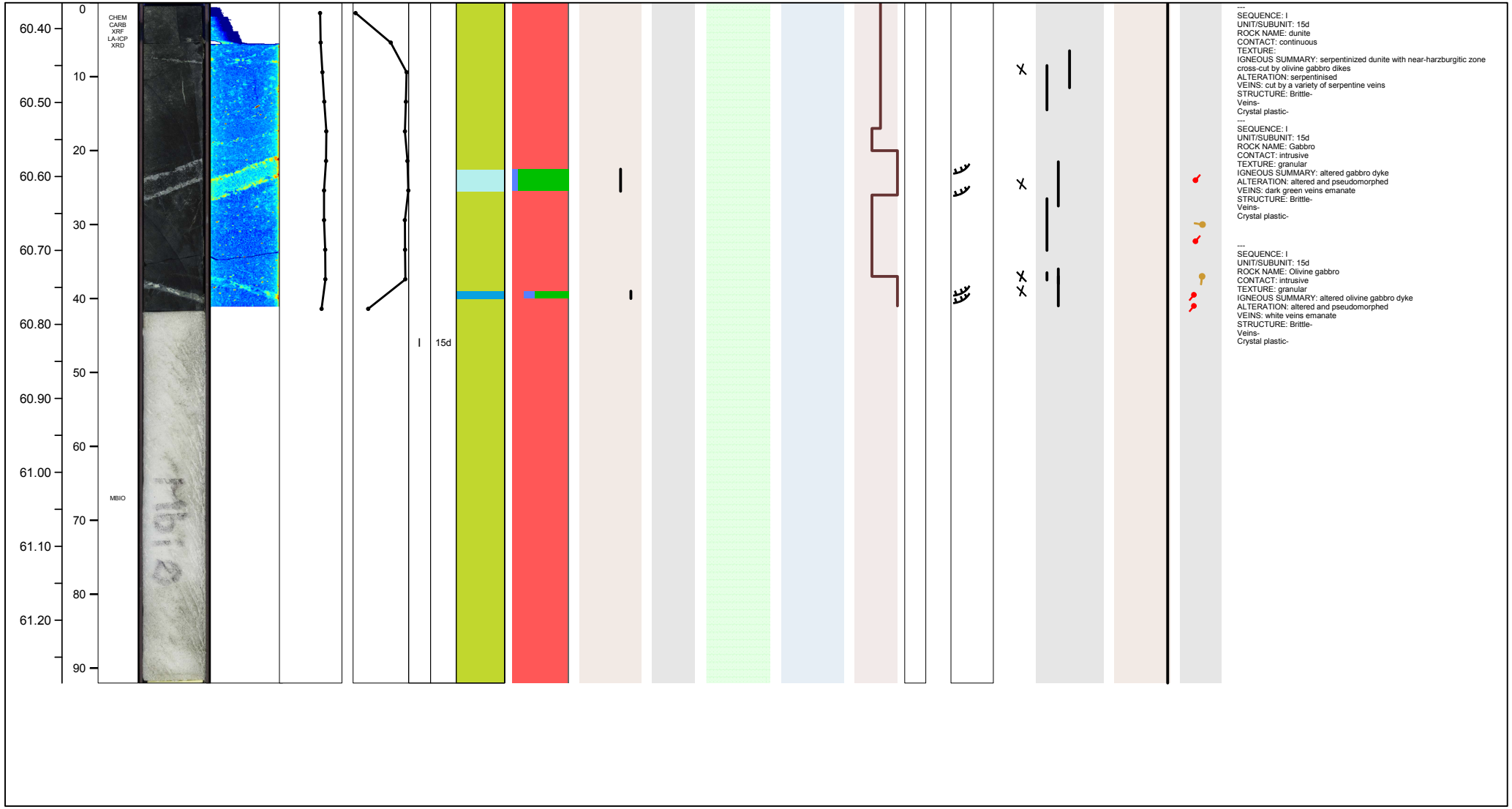
SEQUENCE: I
UNIT/SUBUNIT: 15d
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: altered composite gabbro dyke
ALTERATION: altered and pseudomorphed
VEINS: cut by sigmoidal green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 15d
ROCK NAME: Wehrlite
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: diffuse disseminated clinopyroxene dike
ALTERATION: altered and pseudomorphed
VEINS: cut by black/white composite veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

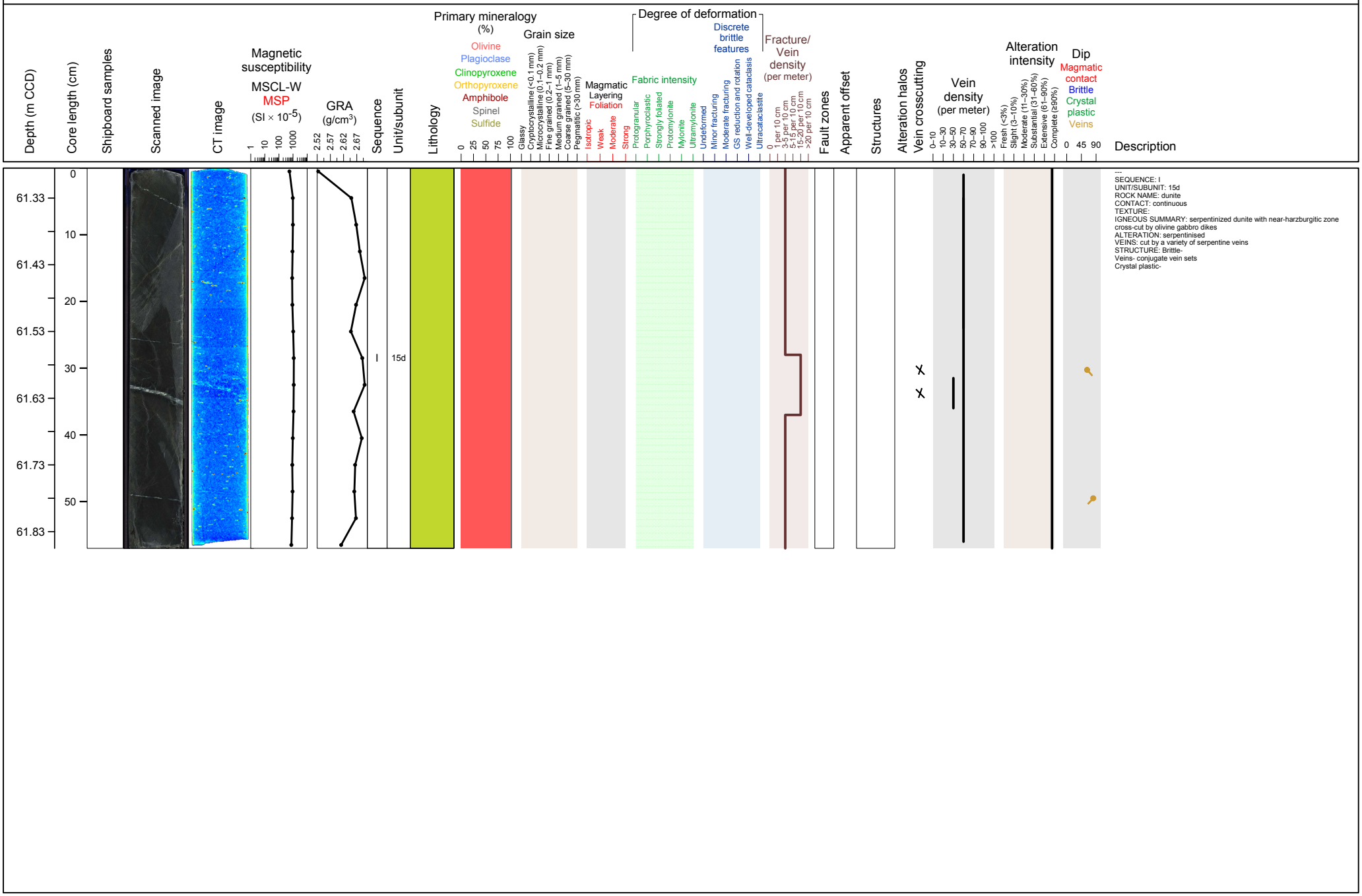
Hole BA4A-26Z Section 1, Top of Section 59.70 (m CCD)



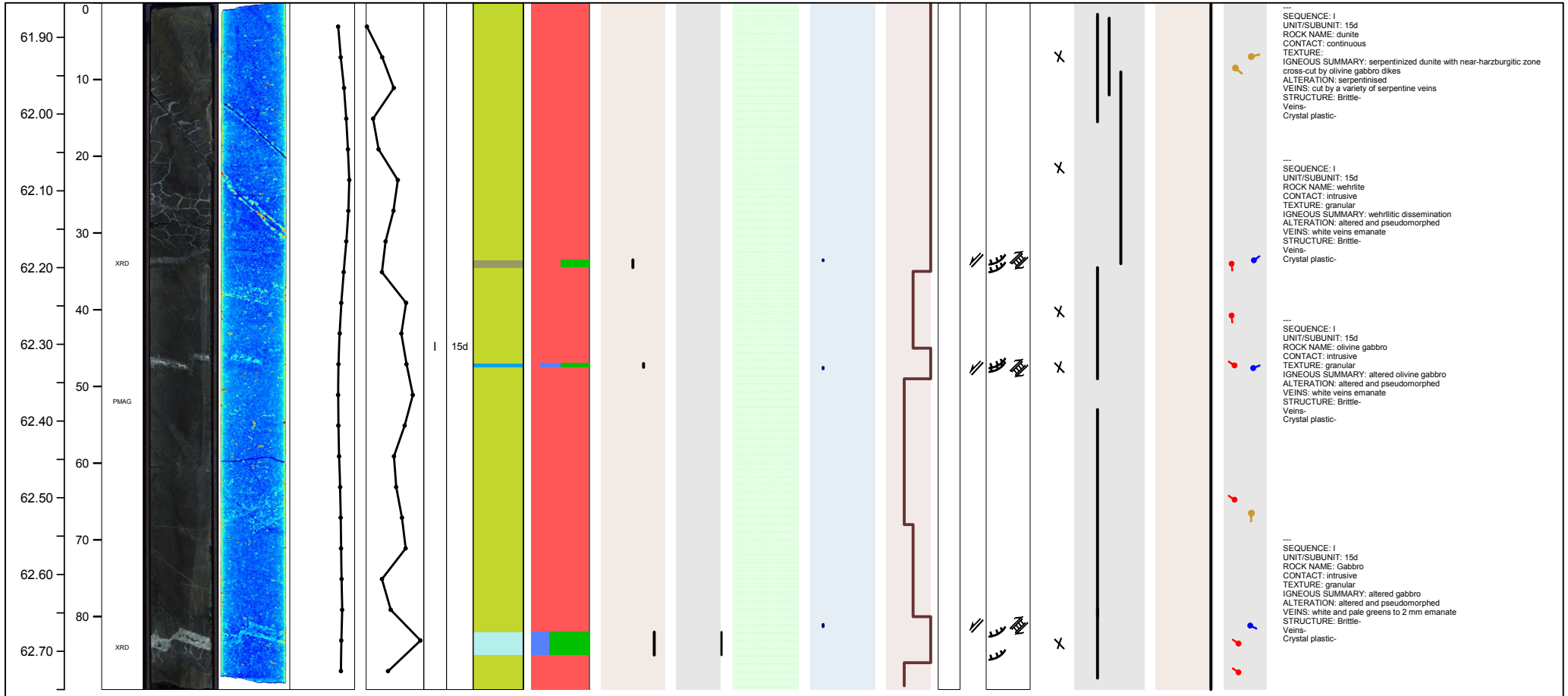
Hole BA4A-26Z Section 2, Top of Section 60.37 (m CCD)



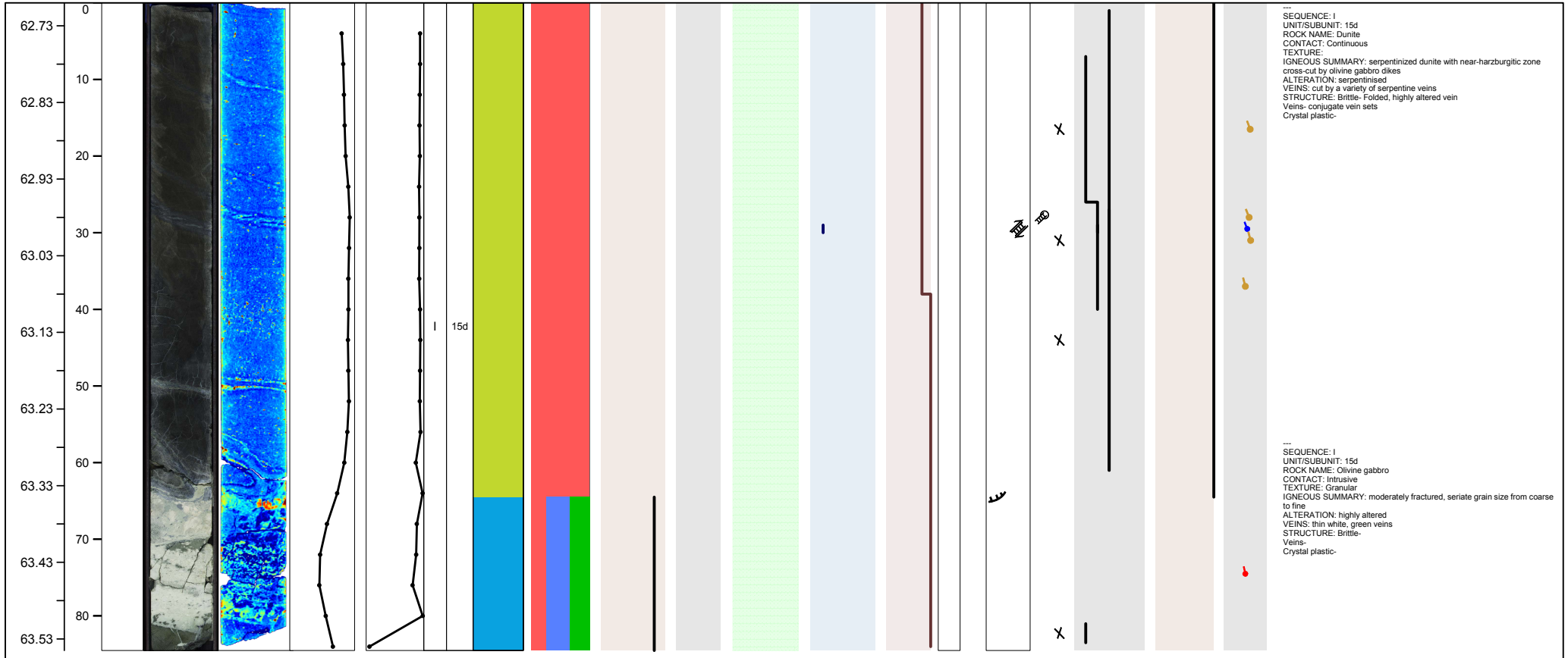
Hole BA4A-26Z Section 3, Top of Section 61.29 (m CCD)



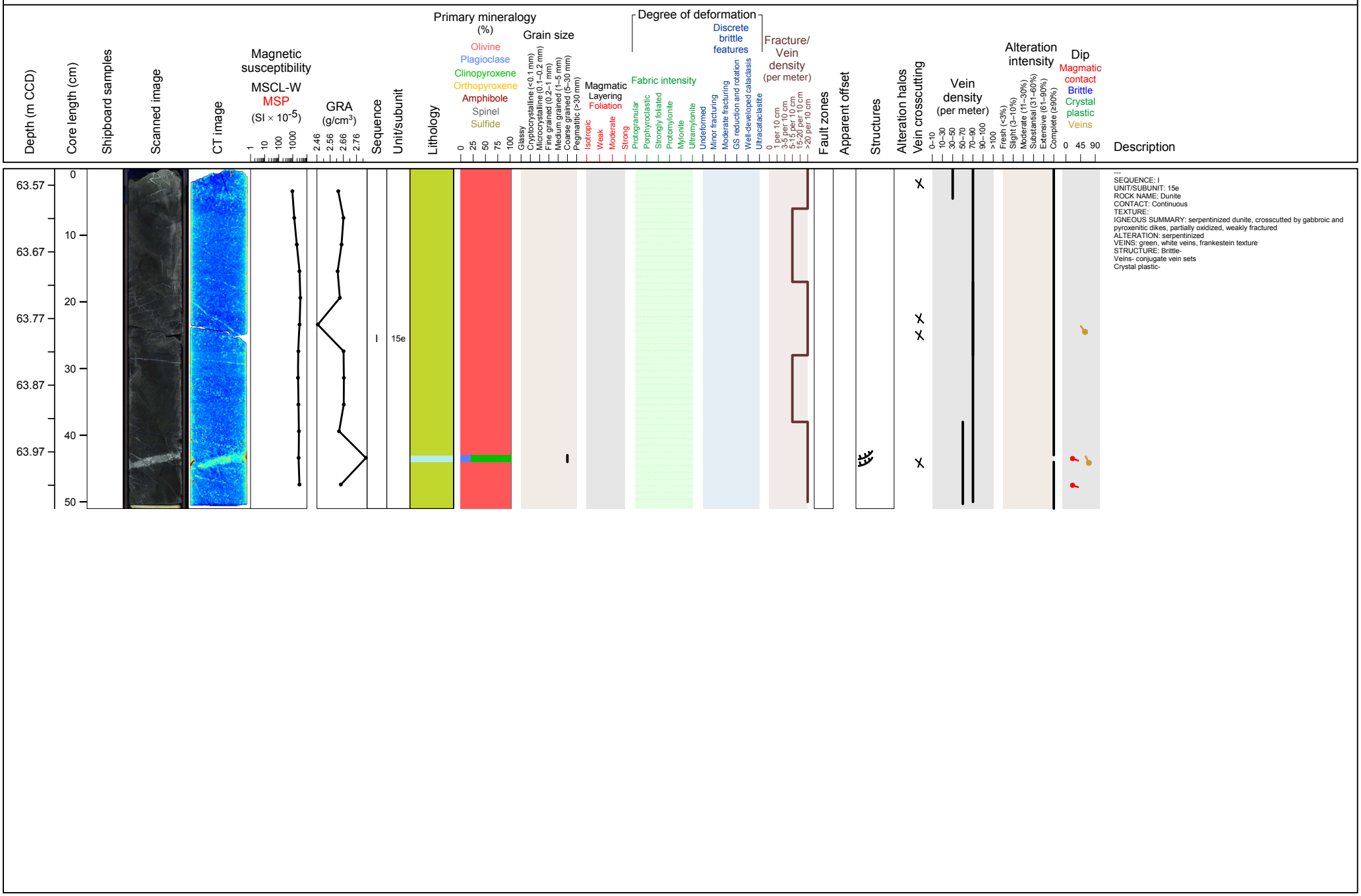
Hole BA4A-26Z Section 4, Top of Section 61.86 (m CCD)



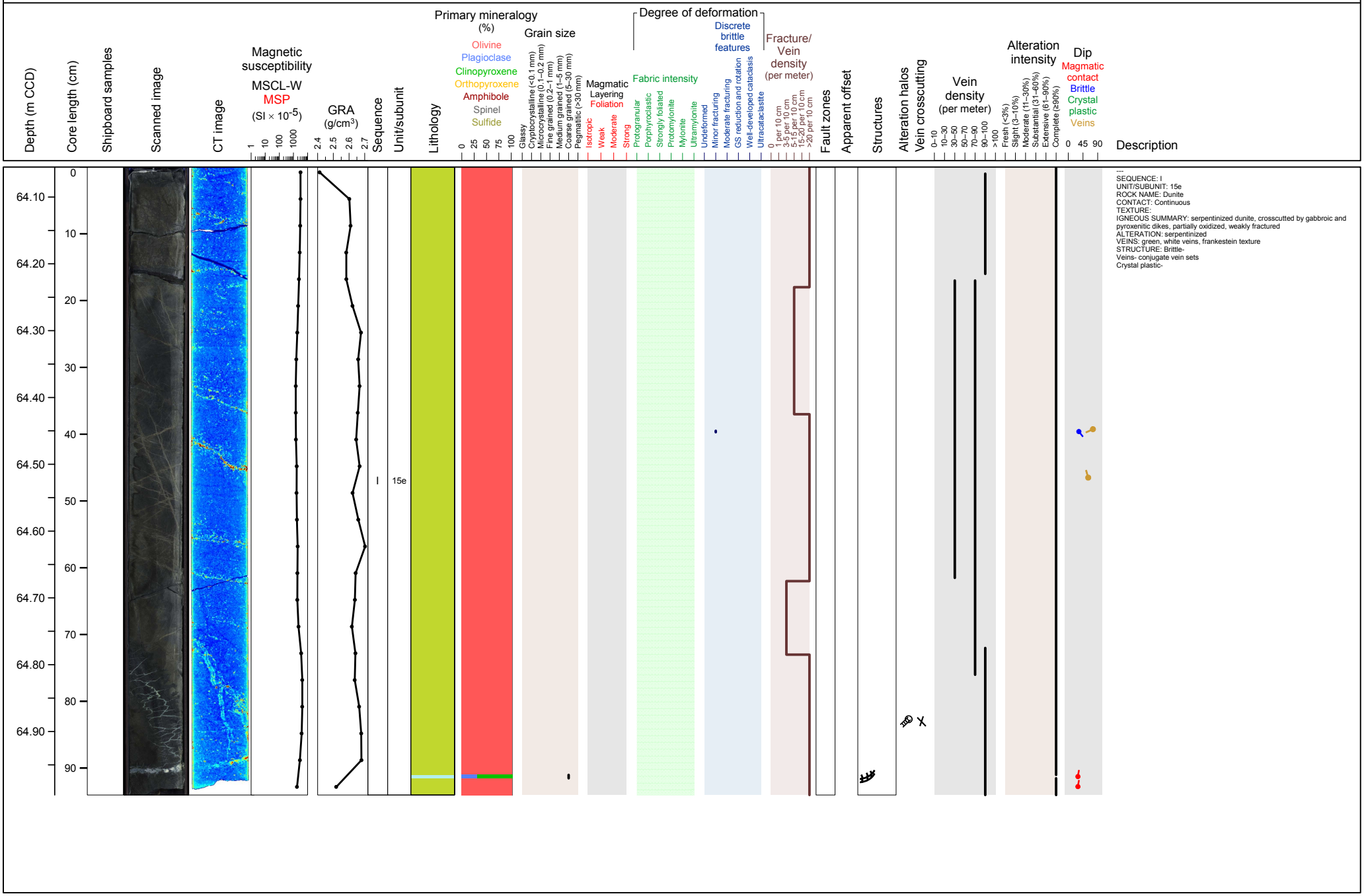
Hole BA4A-27Z Section 1, Top of Section 62.70 (m CCD)



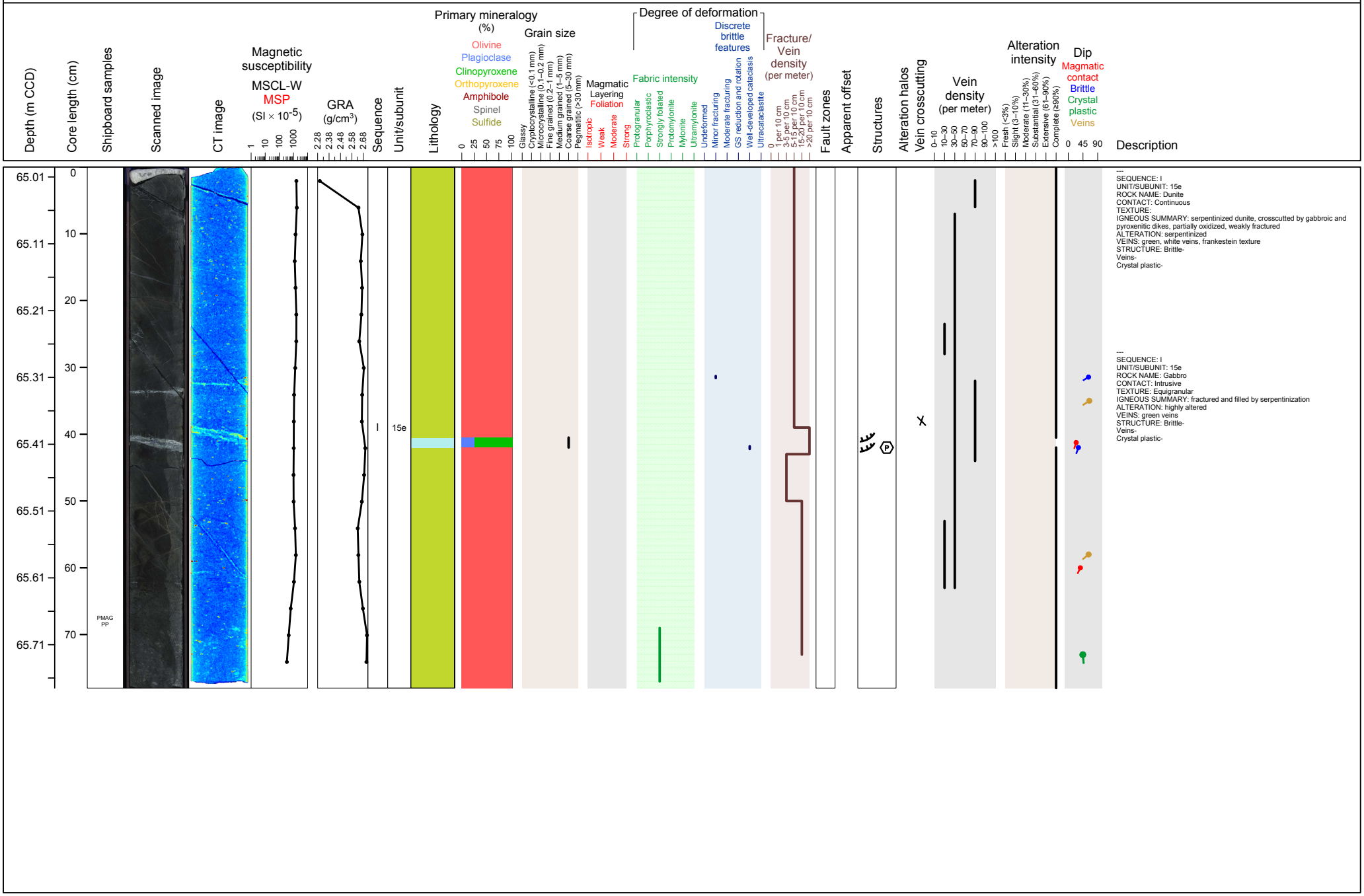
Hole BA4A-27Z Section 2, Top of Section 63.55 (m CCD)



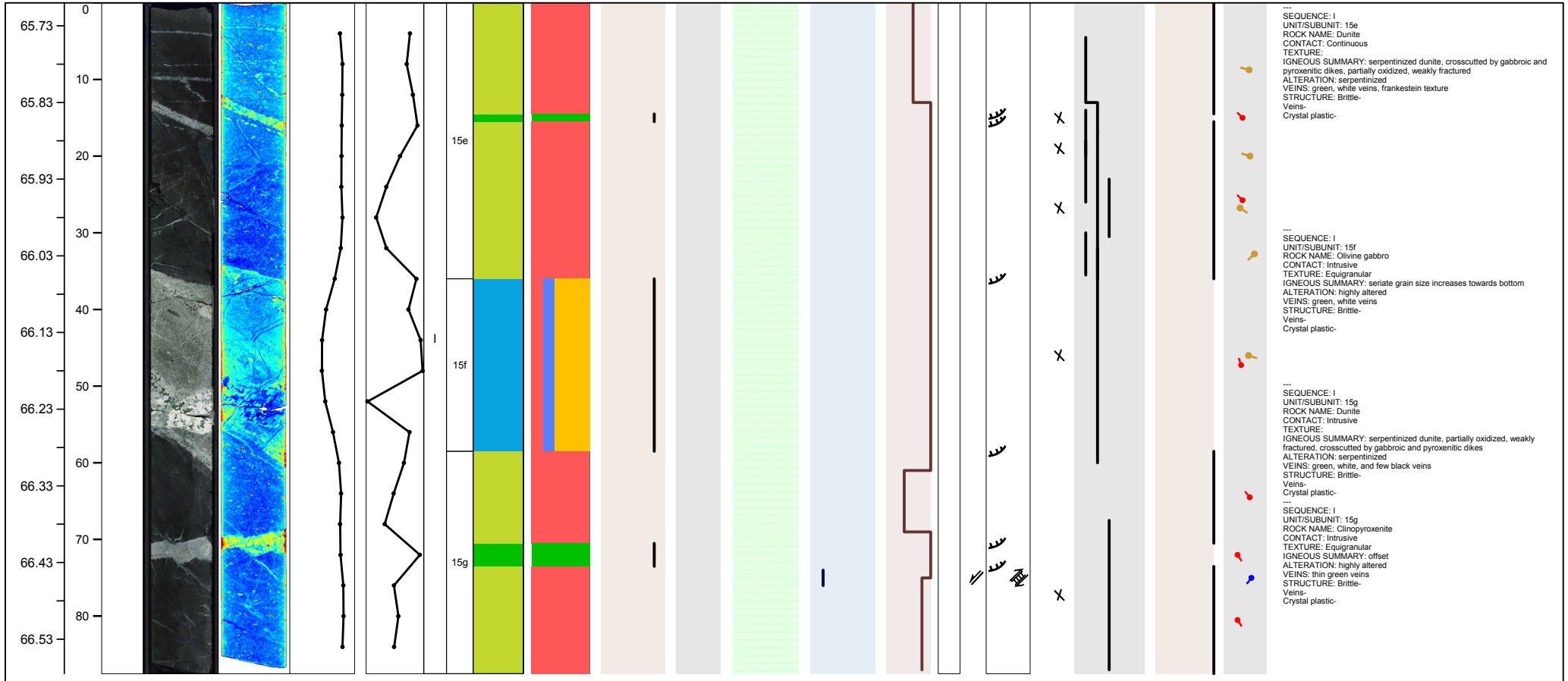
Hole BA4A-27Z Section 3, Top of Section 64.06 (m CCD)



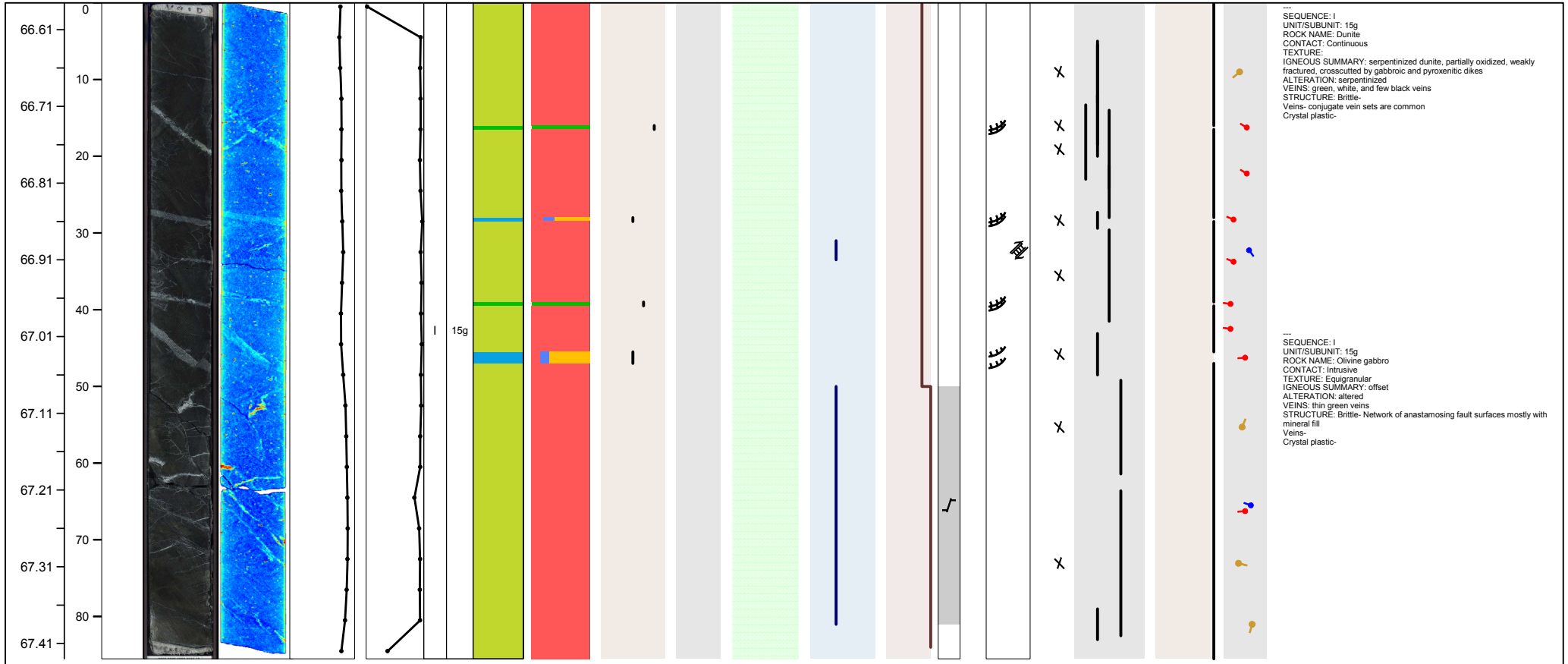
Hole BA4A-27Z Section 4, Top of Section 65.00 (m CCD)



Hole BA4A-28Z Section 1, Top of Section 65.70 (m CCD)



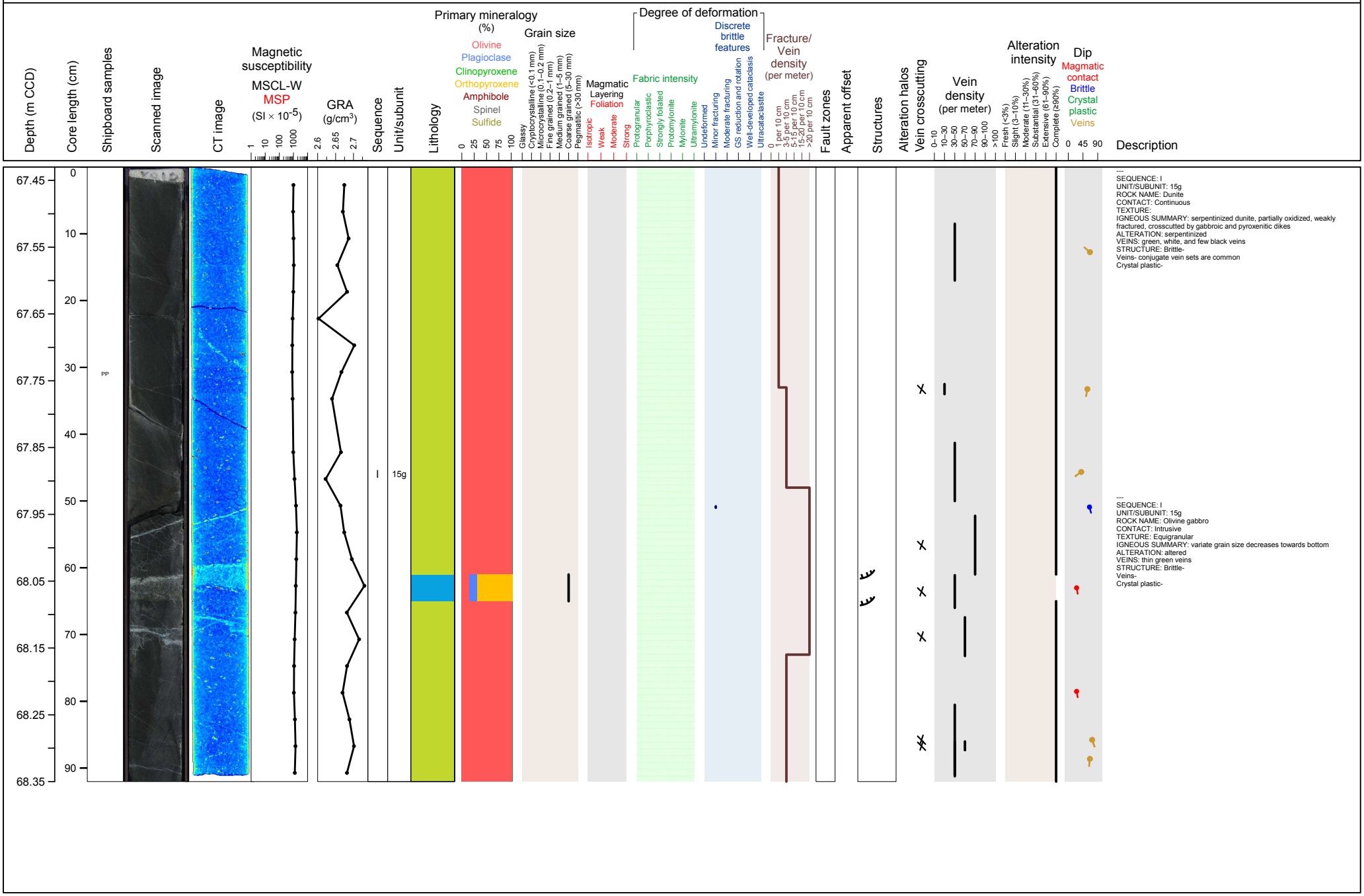
Hole BA4A-28Z Section 2, Top of Section 66.58 (m CCD)



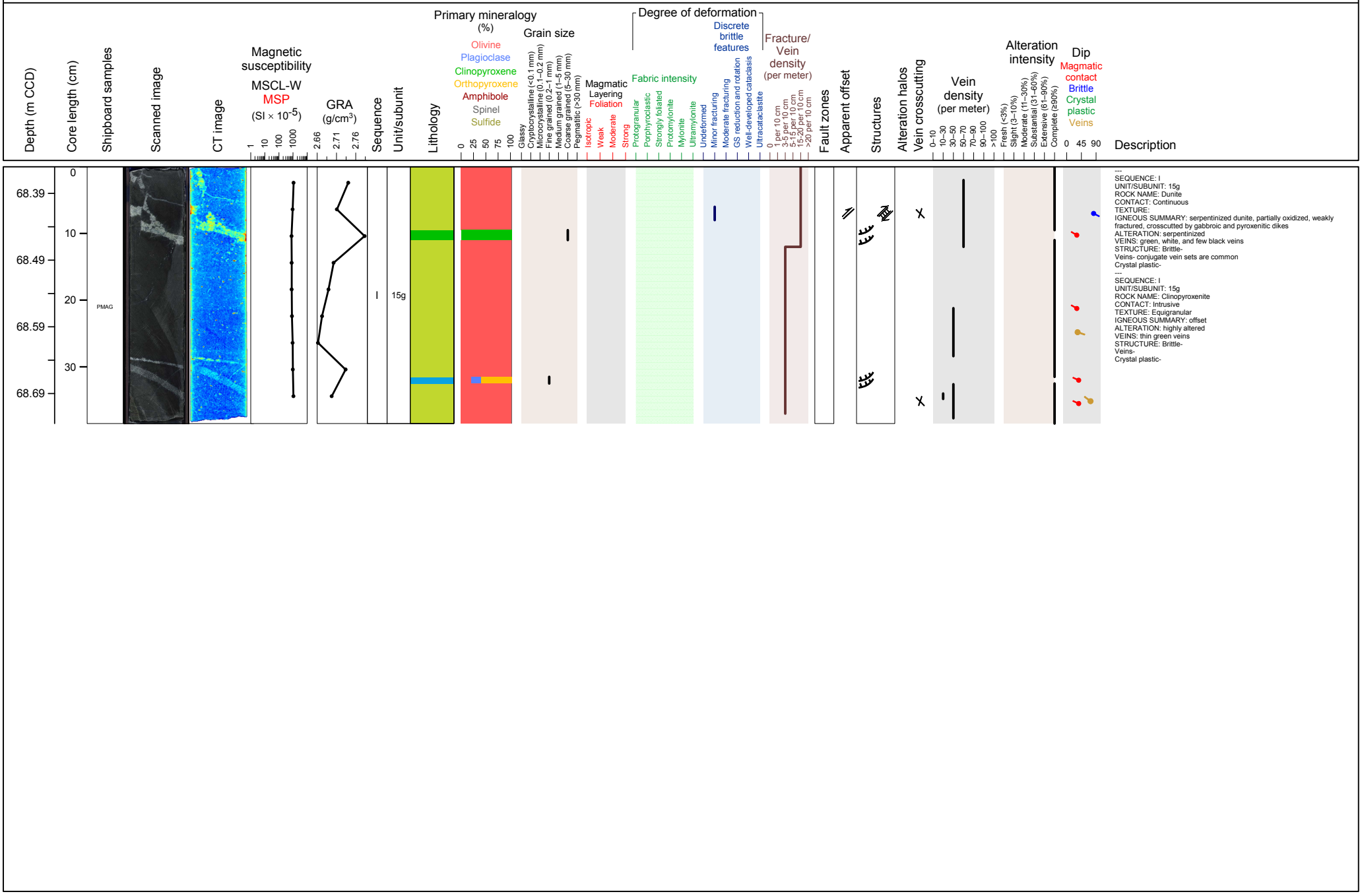
SEQUENCE: I
UNIT/SUBUNIT: 15g
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite, partially oxidized, weakly fractured, crosscutted by gabbroic and pyroxenitic dikes
ALTERATION: serpentinized
VEINS: green, white, and few black veins
STRUCTURE: Brittle-
Veins- conjugate vein sets are common
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 15g
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Equigranular
IGNEOUS SUMMARY: offset
ALTERATION: altered
VEINS: thin green veins
STRUCTURE: Brittle- Network of anastamosing fault surfaces mostly with mineral fill
Veins-
Crystal plastic-

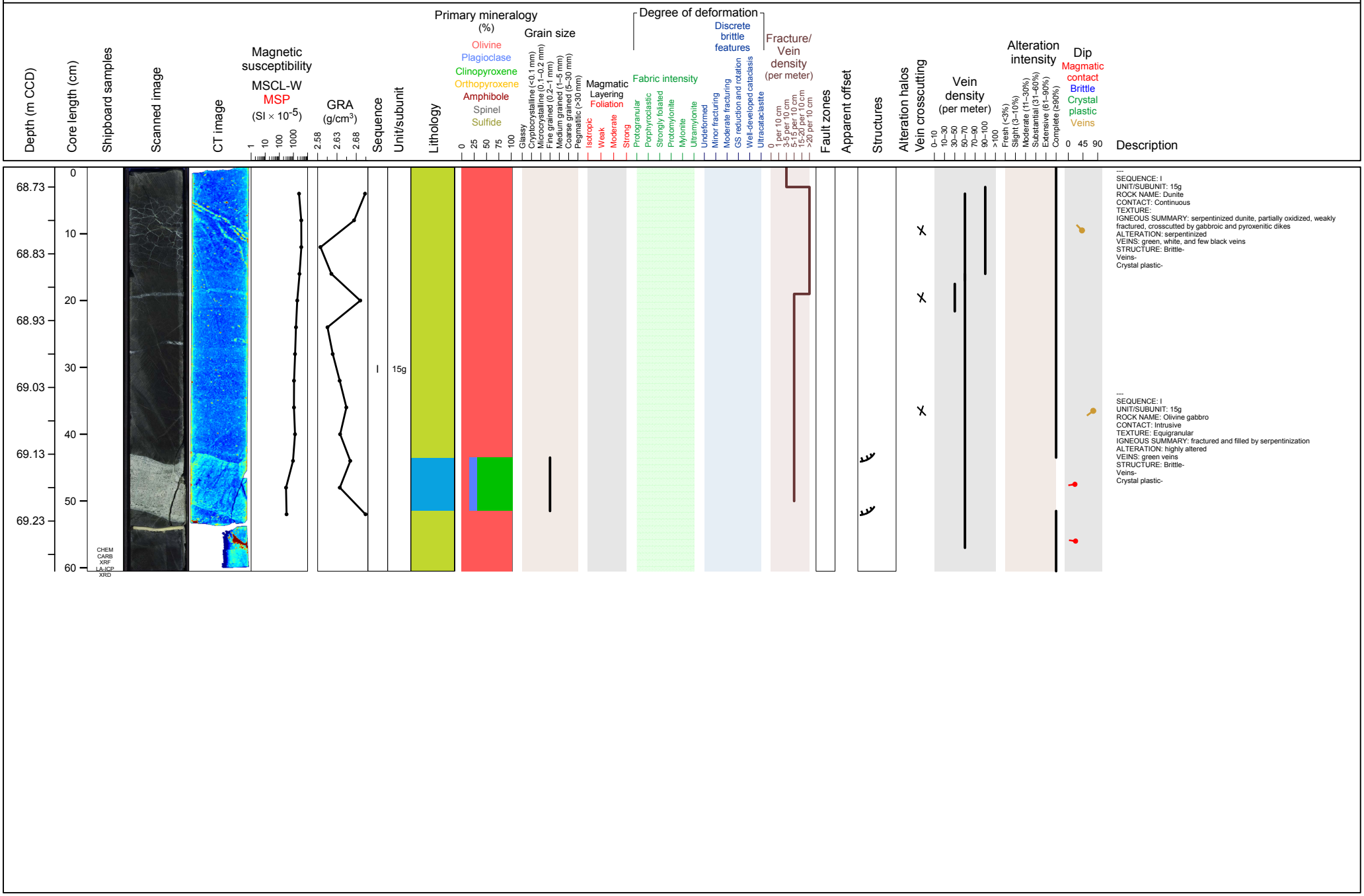
Hole BA4A-28Z Section 3, Top of Section 67.43 (m CCD)



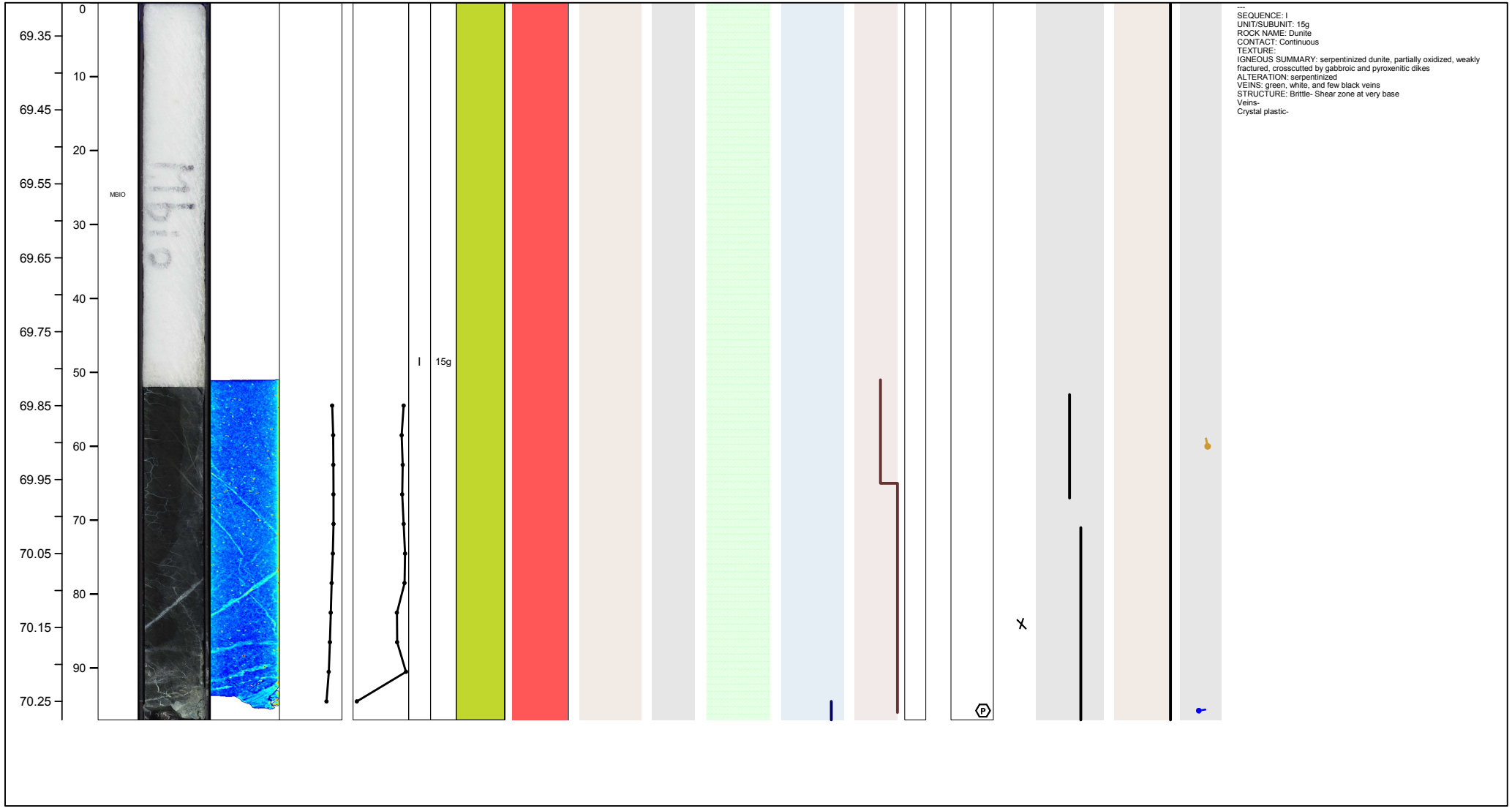
Hole BA4A-28Z Section 4, Top of Section 68.35 (m CCD)



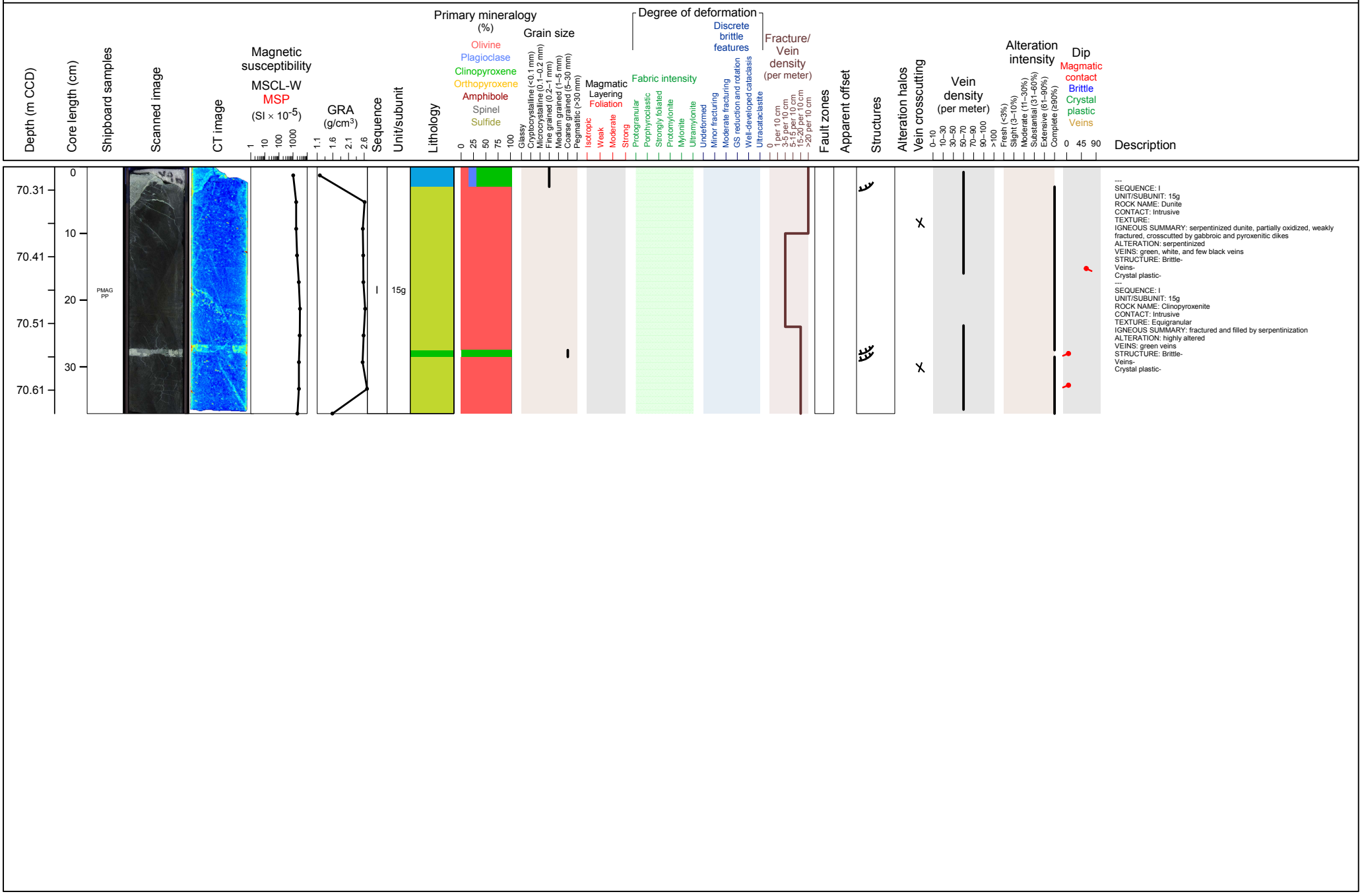
Hole BA4A-29Z Section 1, Top of Section 68.70 (m CCD)



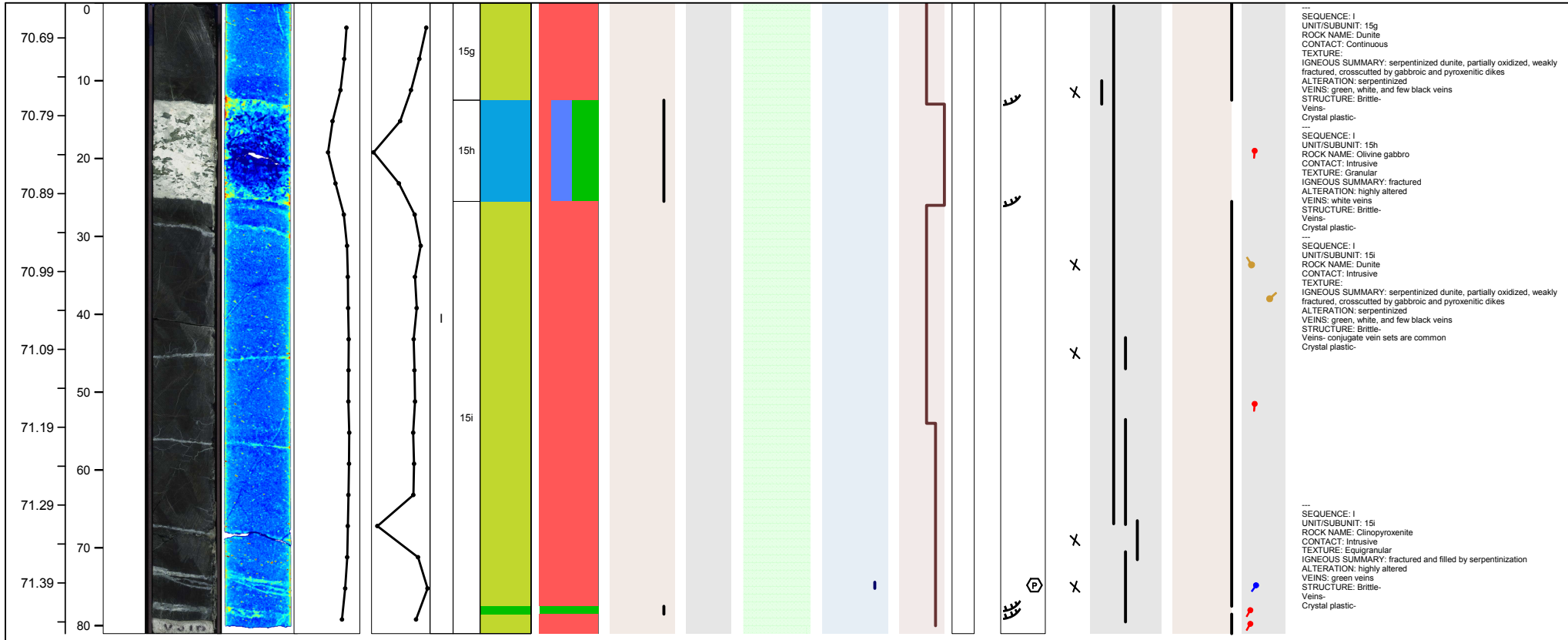
Hole BA4A-29Z Section 2, Top of Section 69.31 (m CCD)



Hole BA4A-29Z Section 3, Top of Section 70.28 (m CCD)



Hole BA4A-29Z Section 4, Top of Section 70.65 (m CCD)



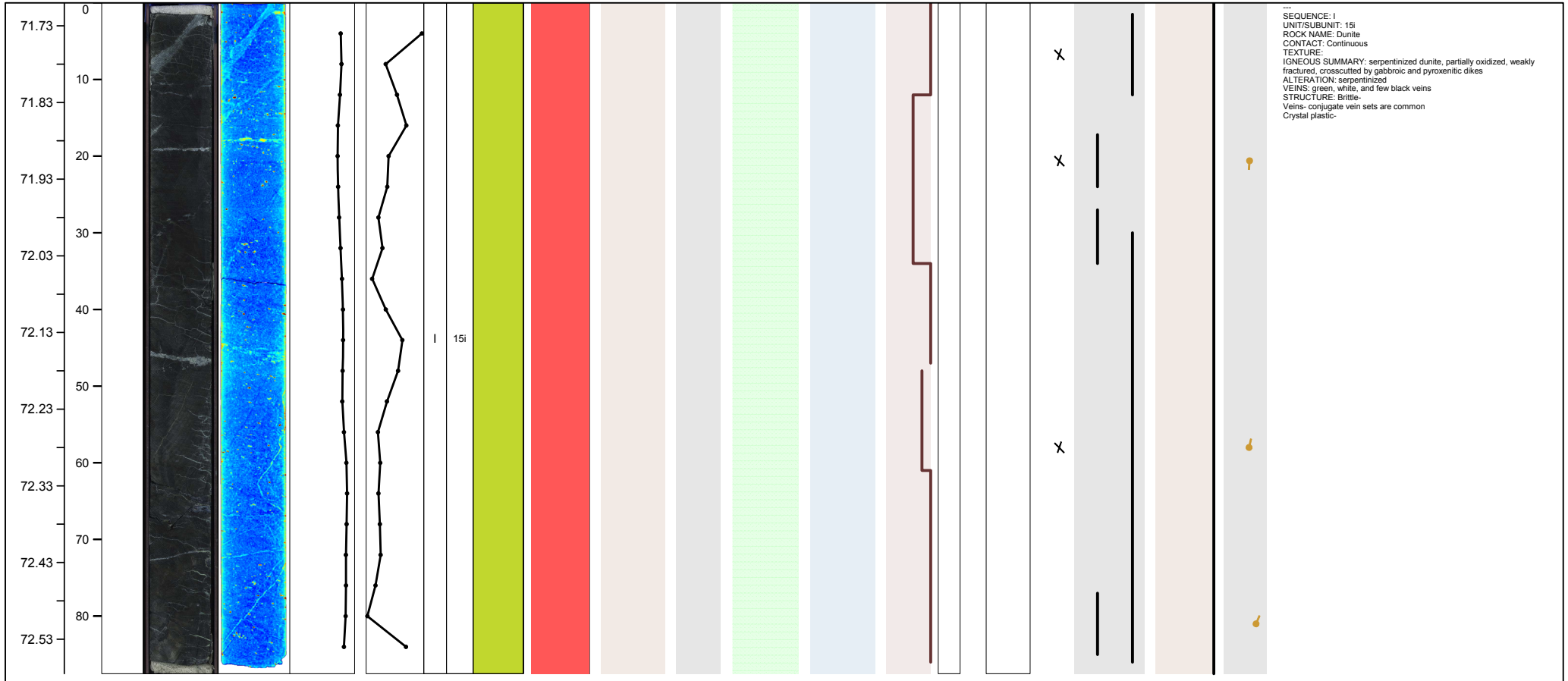
SEQUENCE: I
UNIT/SUBUNIT: 15g
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite, partially oxidized, weakly fractured, crosscutted by gabbroic and pyroxenitic dikes
ALTERATION: serpentinized
VEINS: green, white, and few black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 15h
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: fractured
ALTERATION: highly altered
VEINS: white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

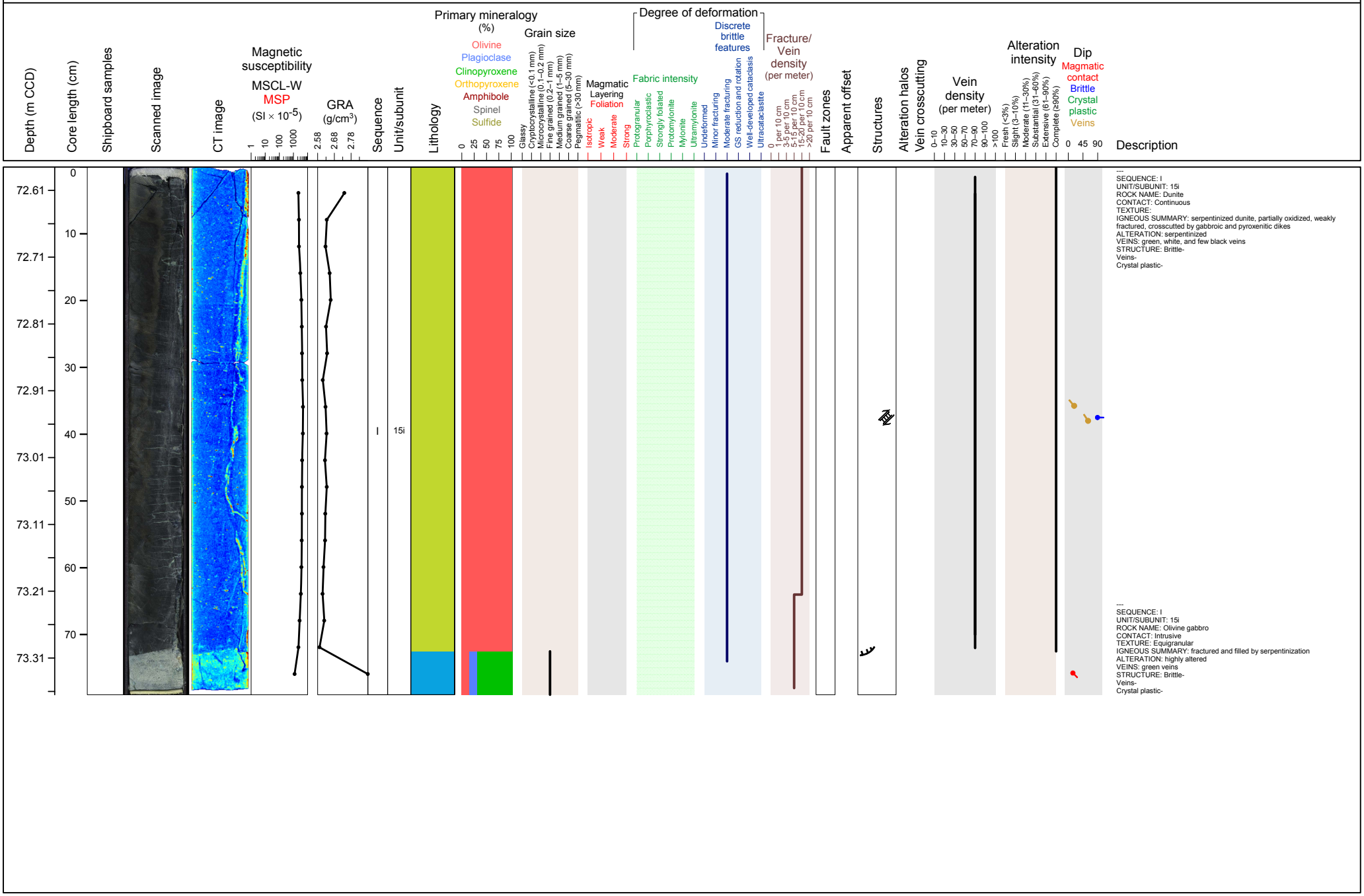
SEQUENCE: I
UNIT/SUBUNIT: 15i
ROCK NAME: Dunite
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite, partially oxidized, weakly fractured, crosscutted by gabbroic and pyroxenitic dikes
ALTERATION: serpentinized
VEINS: green, white, and few black veins
STRUCTURE: Brittle-
Veins- conjugate vein sets are common
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 15i
ROCK NAME: Clinopyroxenite
CONTACT: Intrusive
TEXTURE: Equigranular
IGNEOUS SUMMARY: fractured and filled by serpentinization
ALTERATION: highly altered
VEINS: green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

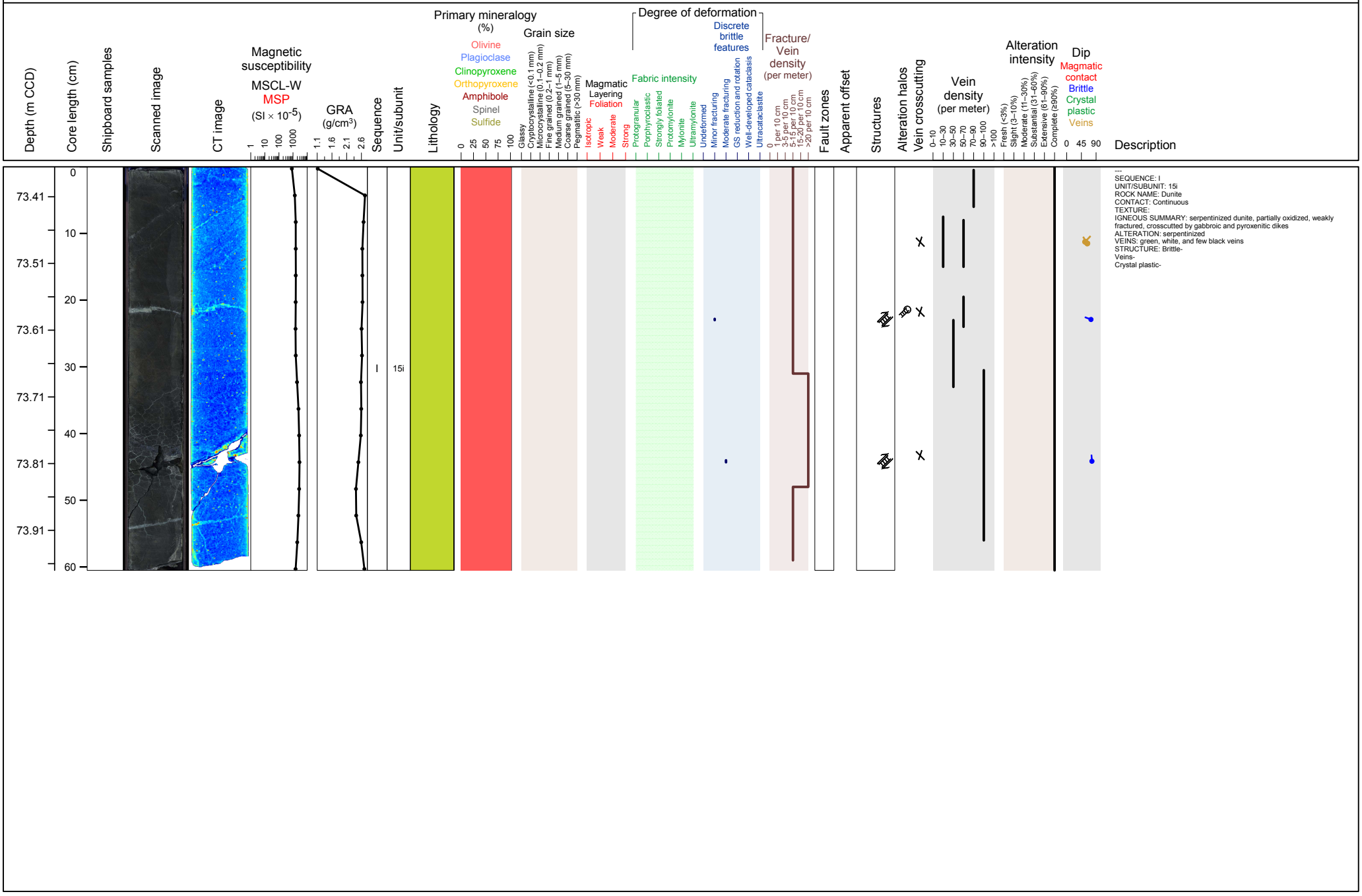
Hole BA4A-30Z Section 1, Top of Section 71.70 (m CCD)



Hole BA4A-30Z Section 2, Top of Section 72.58 (m CCD)

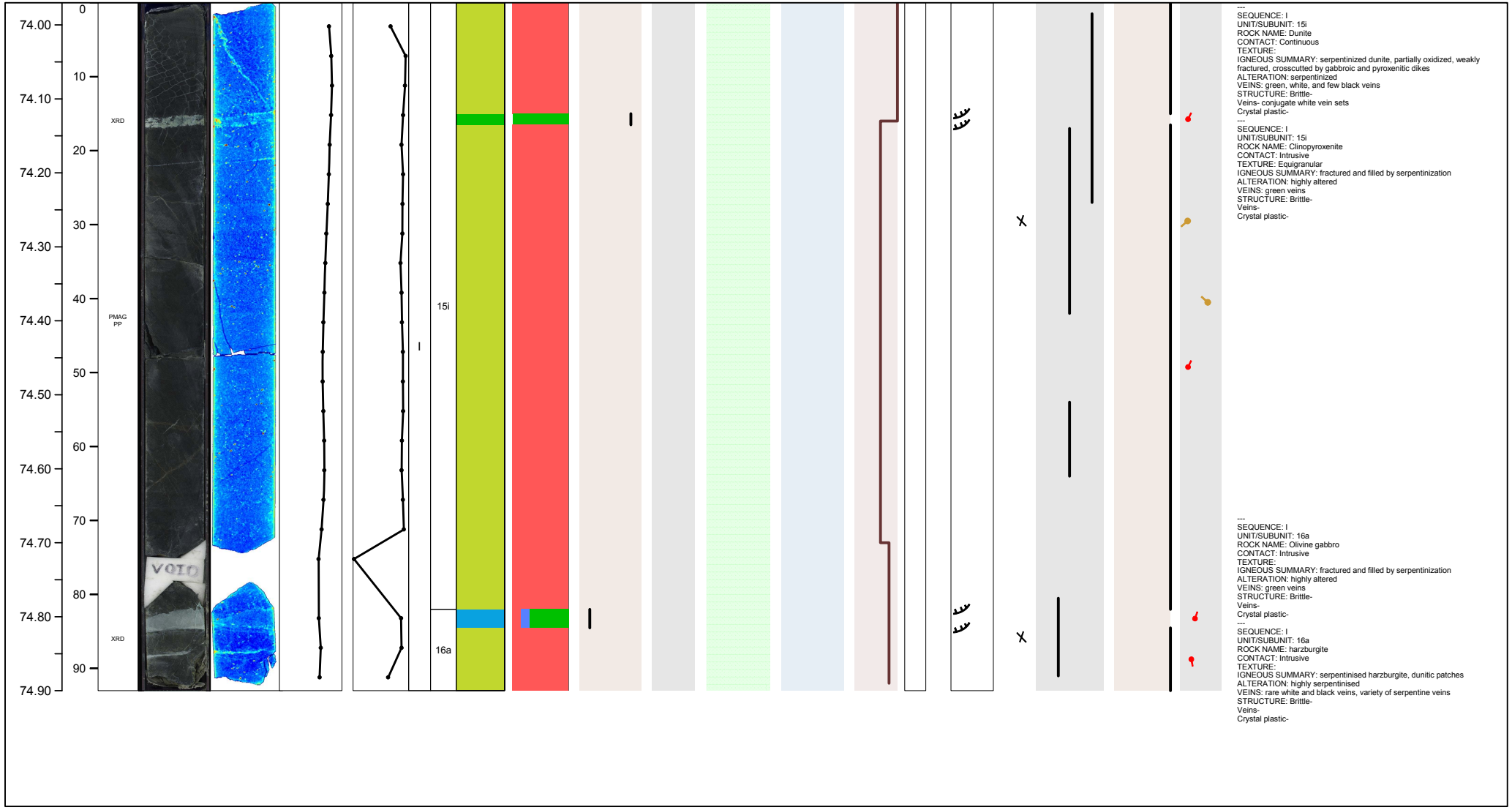


Hole BA4A-30Z Section 3, Top of Section 73.37 (m CCD)

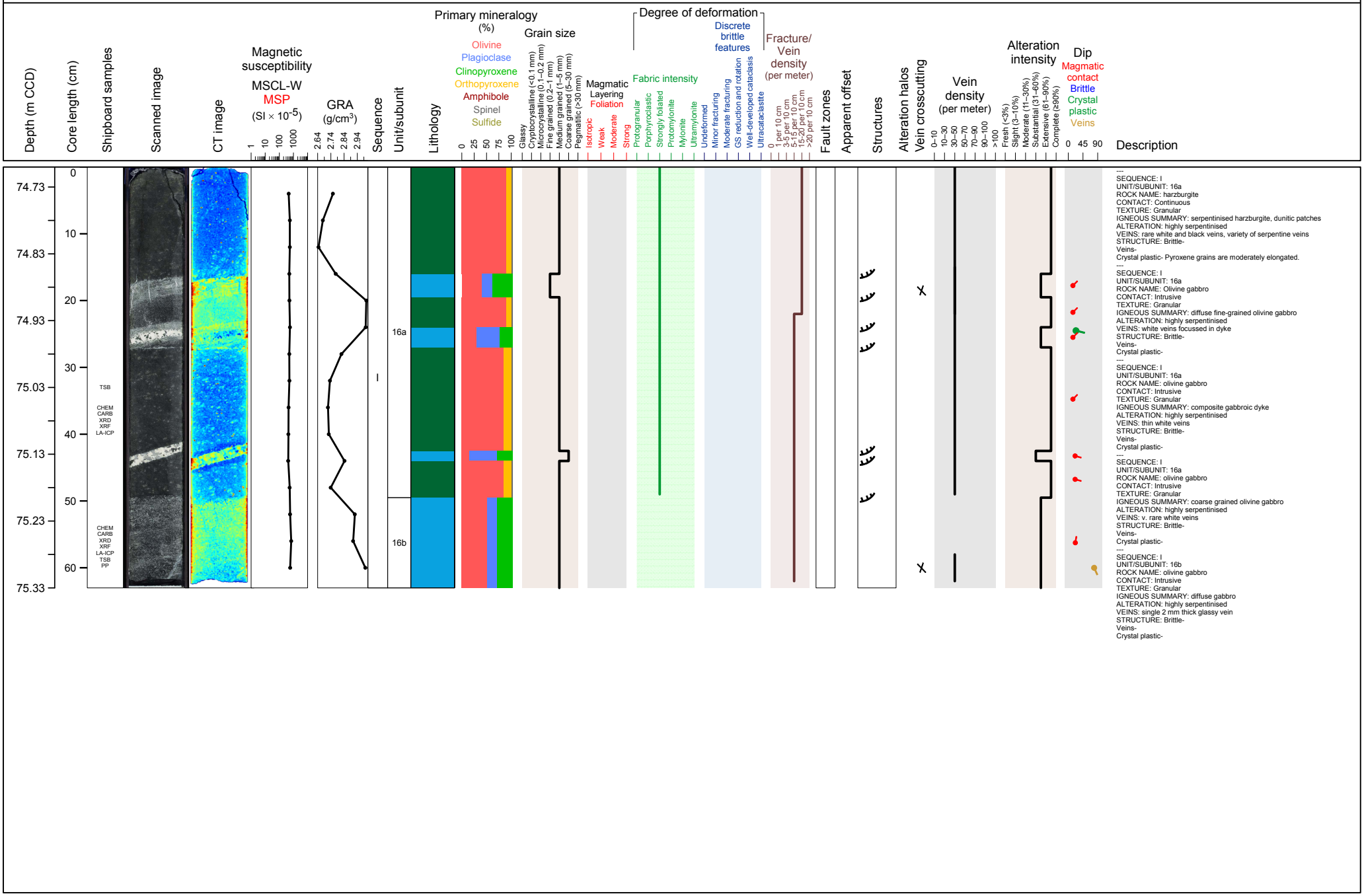


SEQUENCE: I
UNIT/SUBUNIT: 15i
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite, partially oxidized, weakly fractured, crosscutted by gabbroic and pyroxenitic dikes
ALTERATION: serpentinized
VEINS: green, white, and few black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-30Z Section 4, Top of Section 73.97 (m CCD)



Hole BA4A-31Z Section 1, Top of Section 74.70 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 16a
ROCK NAME: harzburgite
CONTACT: Continuous
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinised harzburgite, dunitic patches
ALTERATION: highly serpentinised
VEINS: rare white and black veins, variety of serpentine veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are moderately elongated.

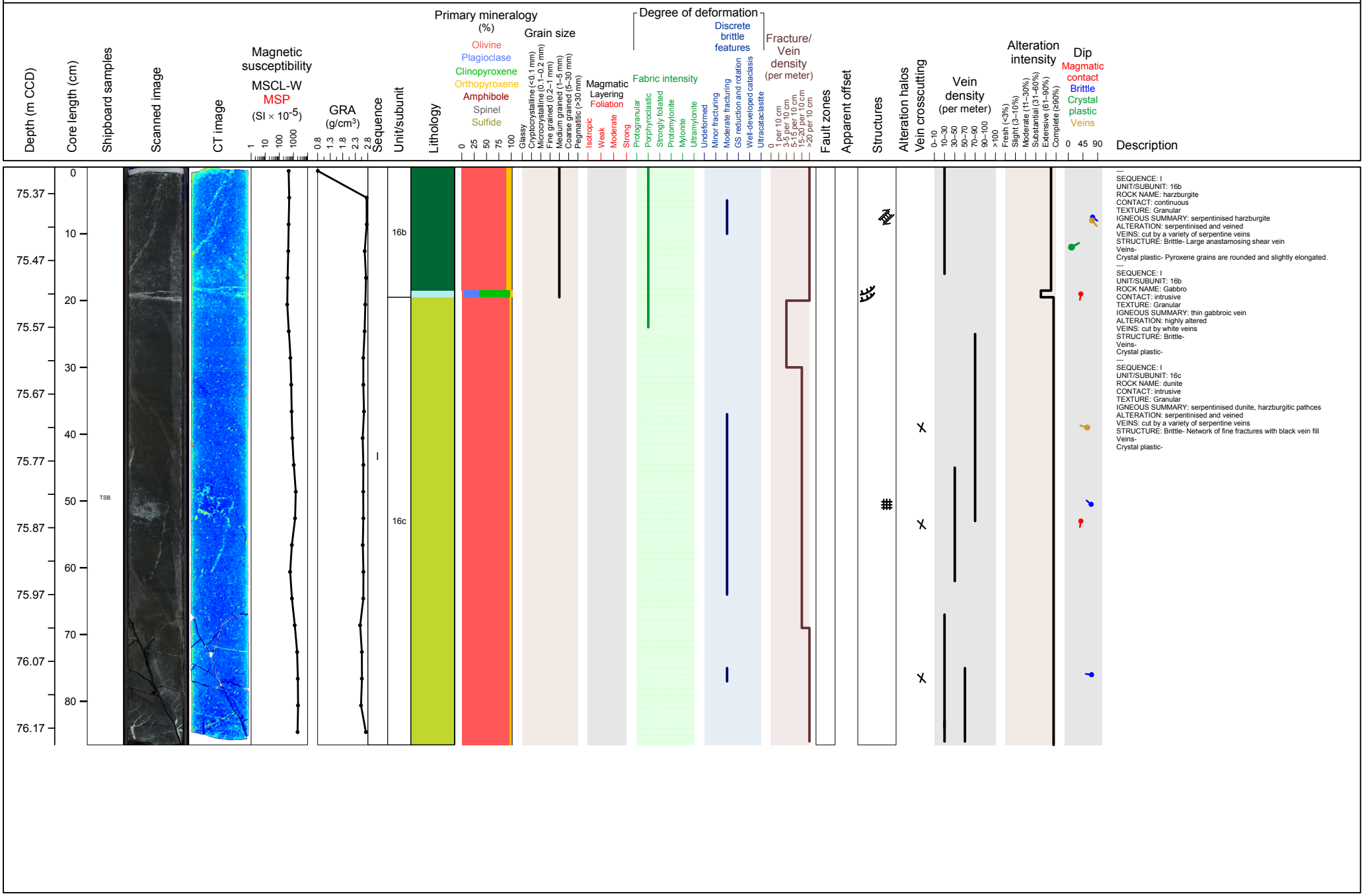
SEQUENCE: I
UNIT/SUBUNIT: 16a
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: diffuse fine-grained olivine gabbro
ALTERATION: highly serpentinised
VEINS: white veins focussed in dyke
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 16a
ROCK NAME: olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: composite gabbroic dyke
ALTERATION: highly serpentinised
VEINS: thin white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

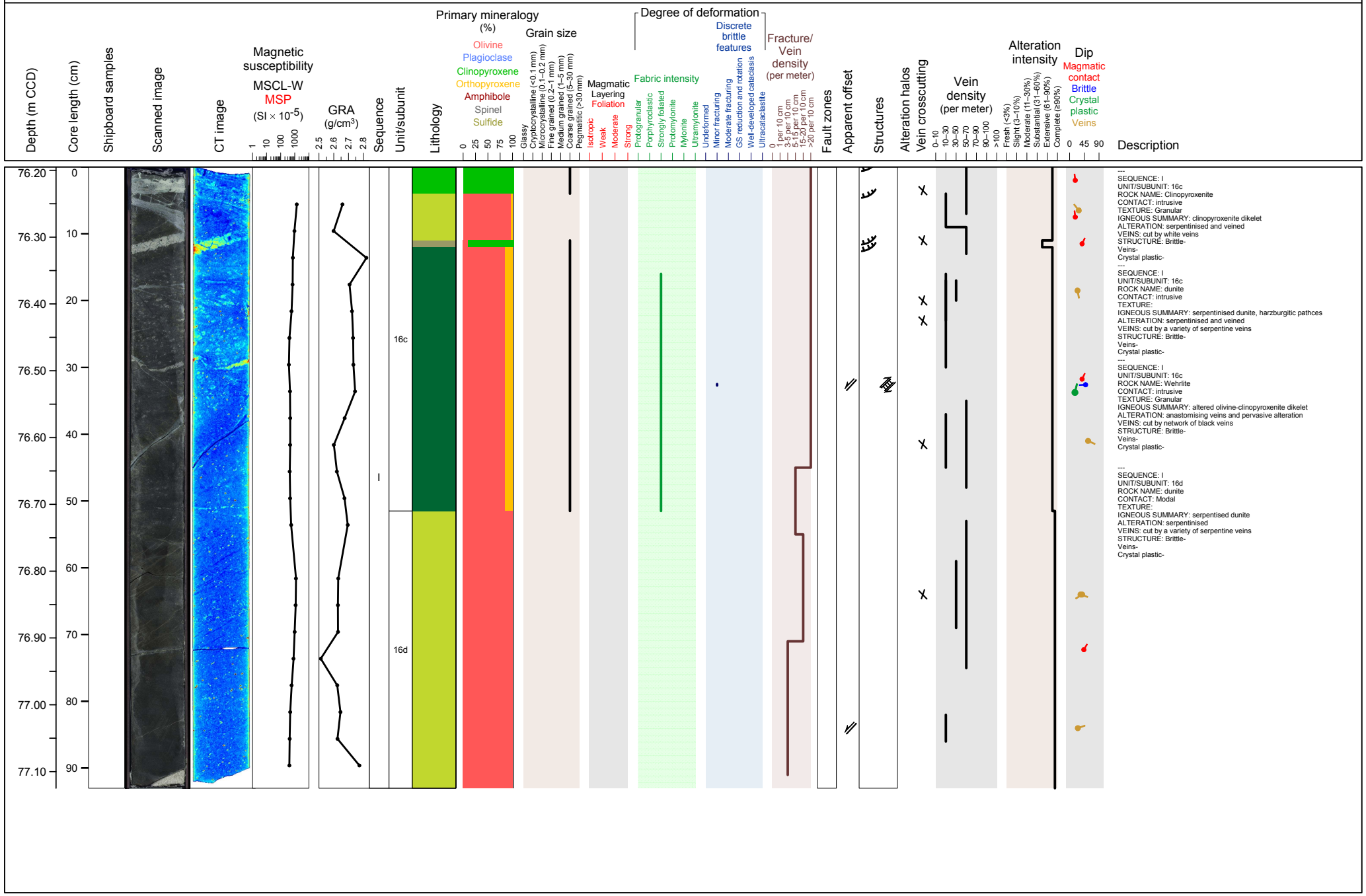
SEQUENCE: I
UNIT/SUBUNIT: 16a
ROCK NAME: olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: coarse grained olivine gabbro
ALTERATION: highly serpentinised
VEINS: v. rare white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 16b
ROCK NAME: olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: diffuse gabbro
ALTERATION: highly serpentinised
VEINS: single 2 mm thick glassy vein
STRUCTURE: Brittle-
Veins-
Crystal plastic-

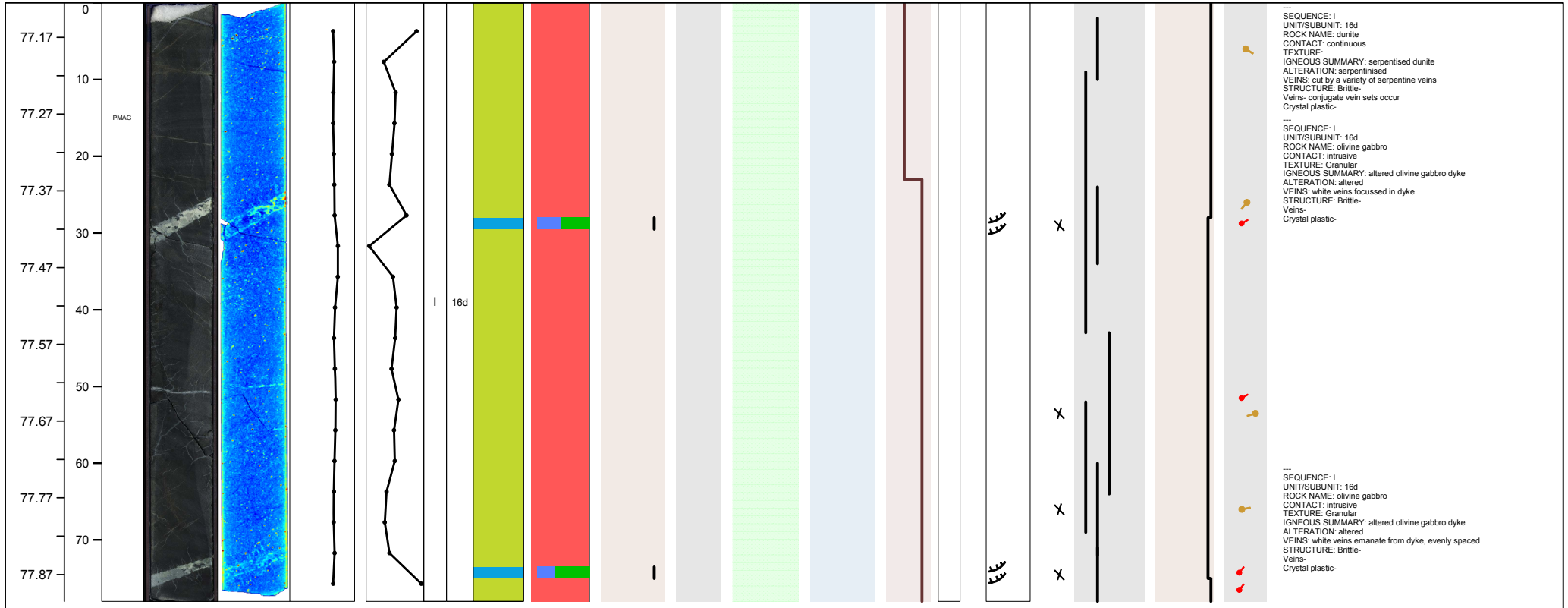
Hole BA4A-31Z Section 2, Top of Section 75.33 (m CCD)



Hole BA4A-31Z Section 3, Top of Section 76.20 (m CCD)



Hole BA4A-31Z Section 4, Top of Section 77.13 (m CCD)

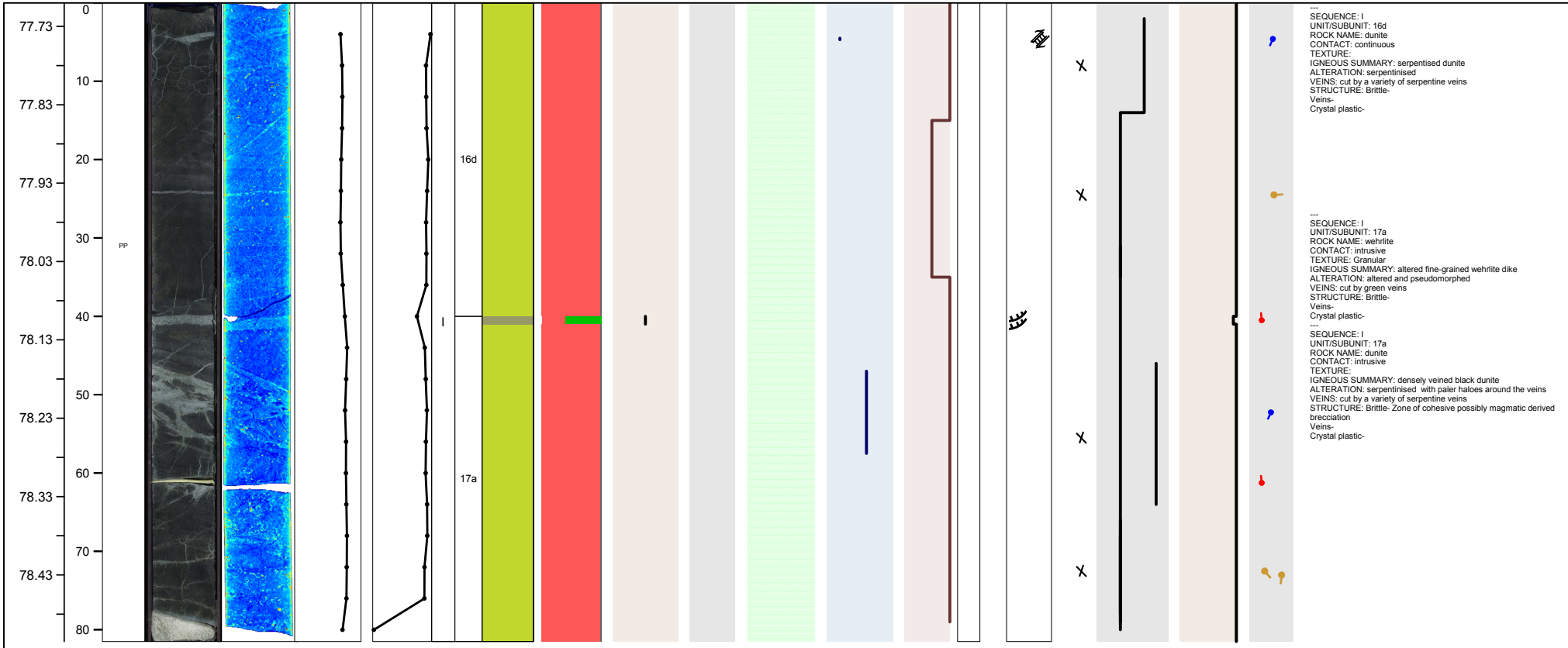


SEQUENCE: I
UNIT/SUBUNIT: 16d
ROCK NAME: dunite
CONTACT: continuous
TEXTURE:
IGNEOUS SUMMARY: serpentised dunite
ALTERATION: serpentinised
VEINS: cut by a variety of serpentine veins
STRUCTURE: Brittle-
Veins- conjugate vein sets occur
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 16d
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered olivine gabbro dyke
ALTERATION: altered
VEINS: white veins focussed in dyke
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 16d
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered olivine gabbro dyke
ALTERATION: altered
VEINS: white veins emanate from dyke, evenly spaced
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-32Z Section 1, Top of Section 77.70 (m CCD)

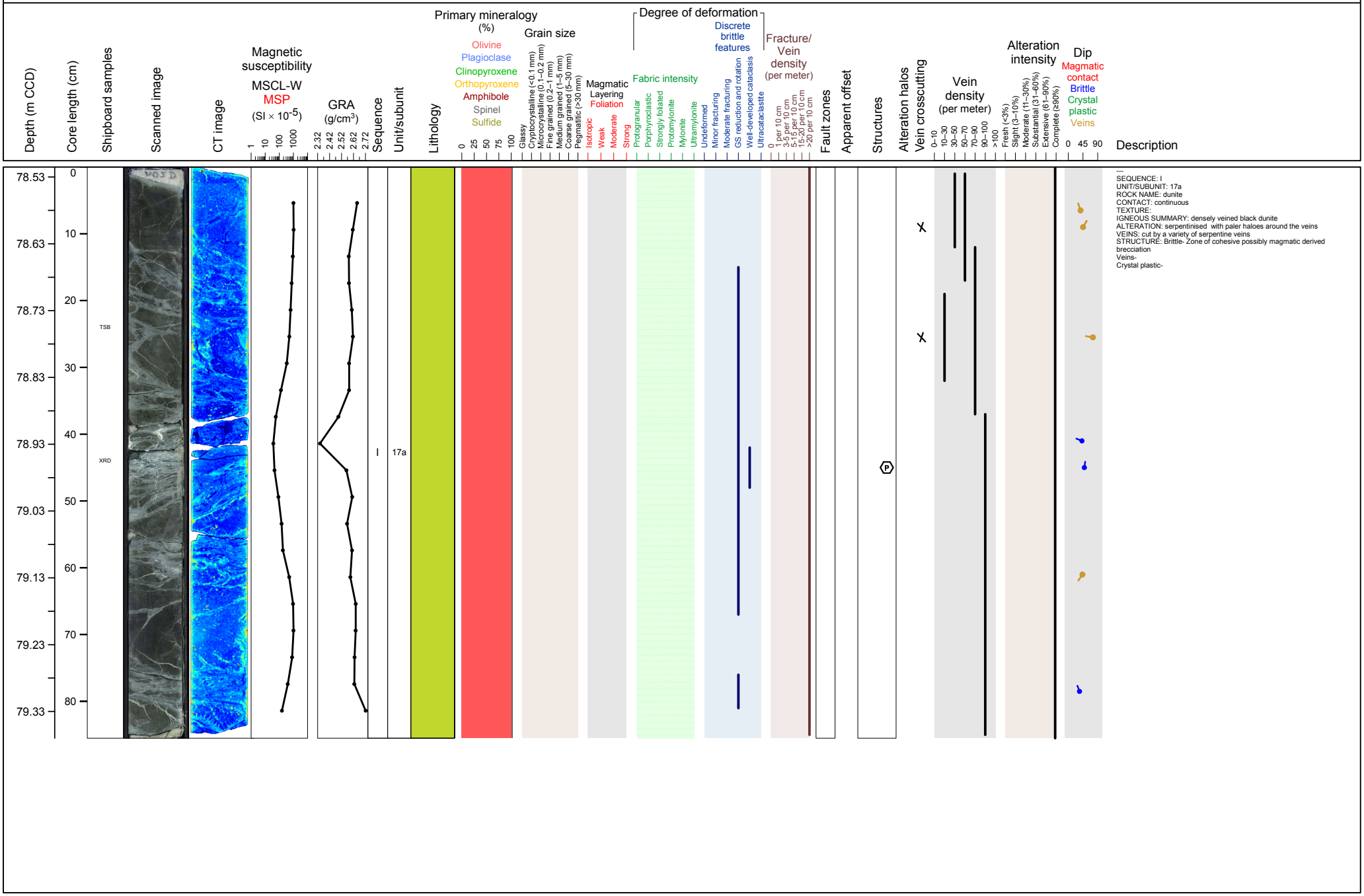


SEQUENCE: I
UNIT/SUBUNIT: 16d
ROCK NAME: dunite
CONTACT: continuous
TEXTURE:
IGNEOUS SUMMARY: serpentised dunite
ALTERATION: serpentinised
VEINS: cut by a variety of serpentine veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

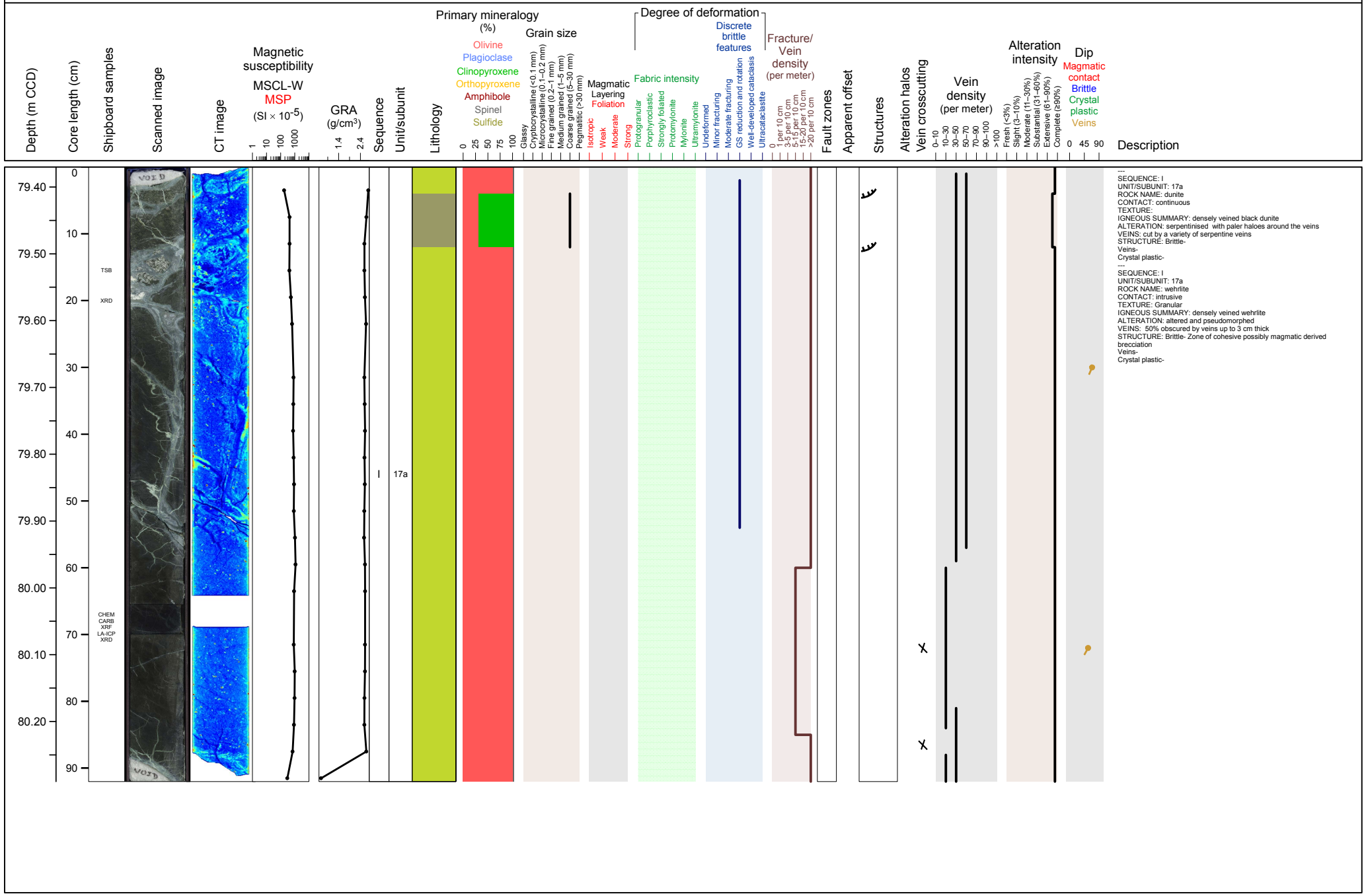
SEQUENCE: I
UNIT/SUBUNIT: 17a
ROCK NAME: wehrlite
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered fine-grained wehrlite dike
ALTERATION: altered and pseudomorphed
VEINS: cut by green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 17a
ROCK NAME: dunite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: densely veined black dunite
ALTERATION: serpentinised with paler haloes around the veins
VEINS: cut by a variety of serpentine veins
STRUCTURE: Brittle- Zone of cohesive possibly magmatic derived brecciation
Veins-
Crystal plastic-

Hole BA4A-32Z Section 2, Top of Section 78.52 (m CCD)

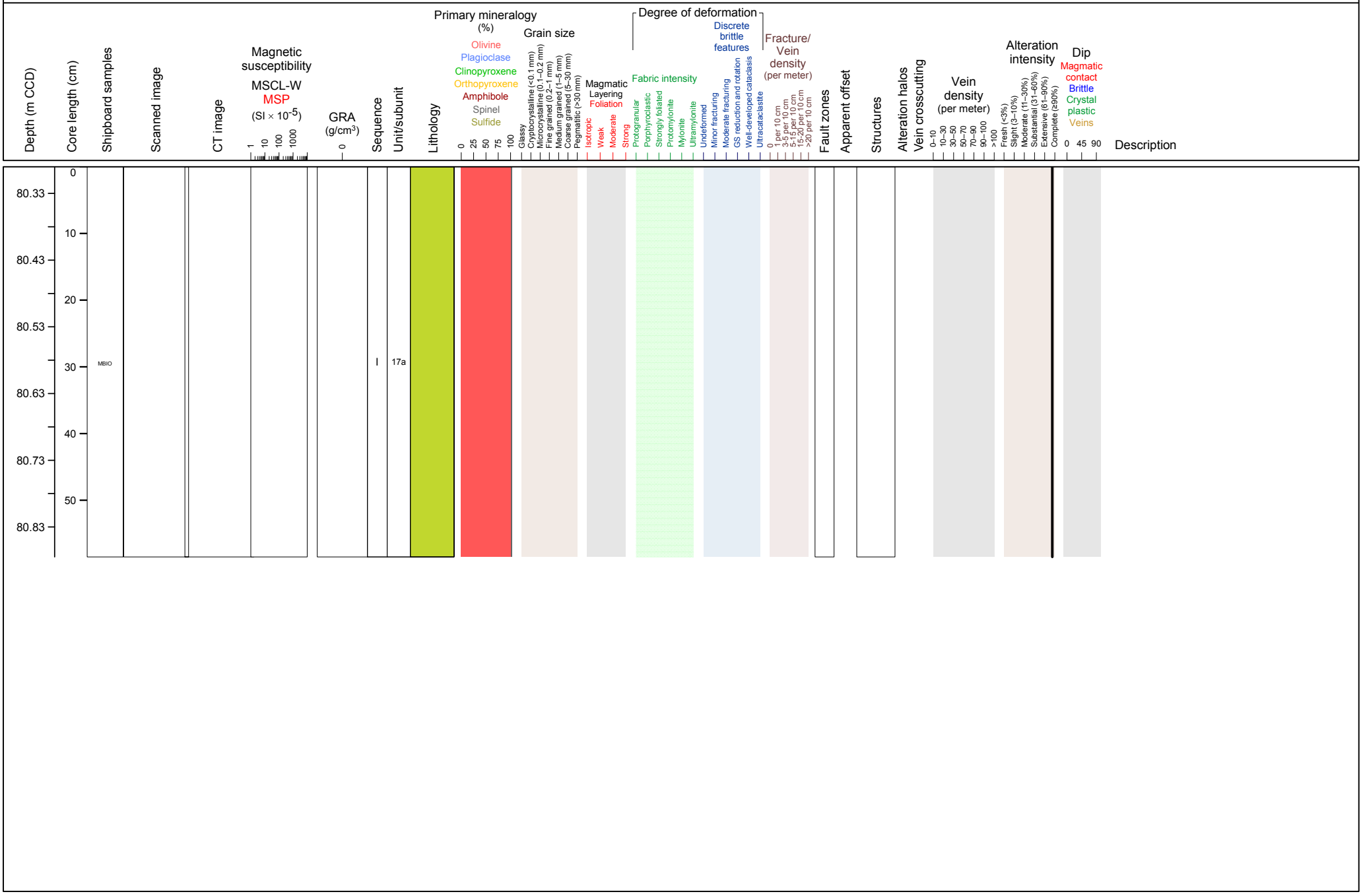


Hole BA4A-32Z Section 3, Top of Section 79.37 (m CCD)

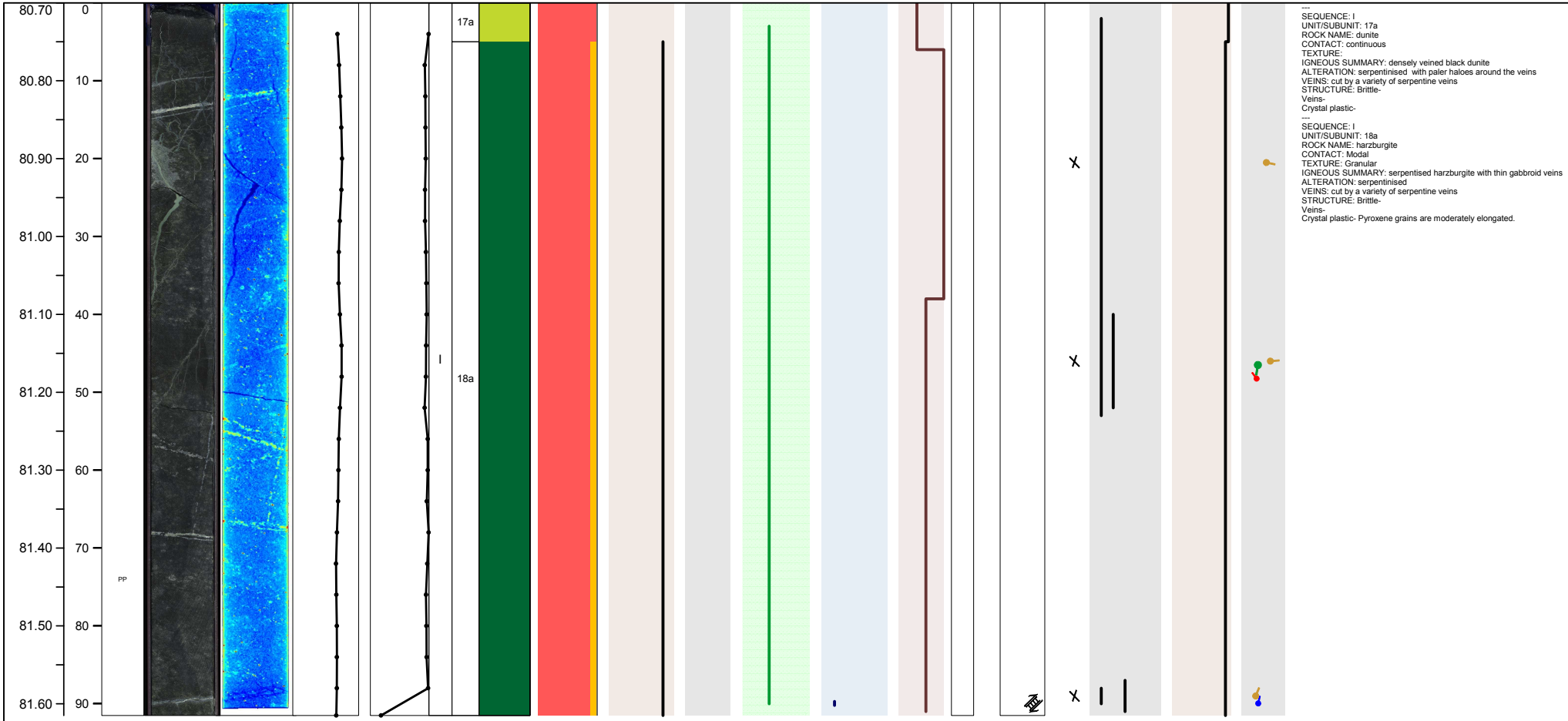


ALL TO MBIO

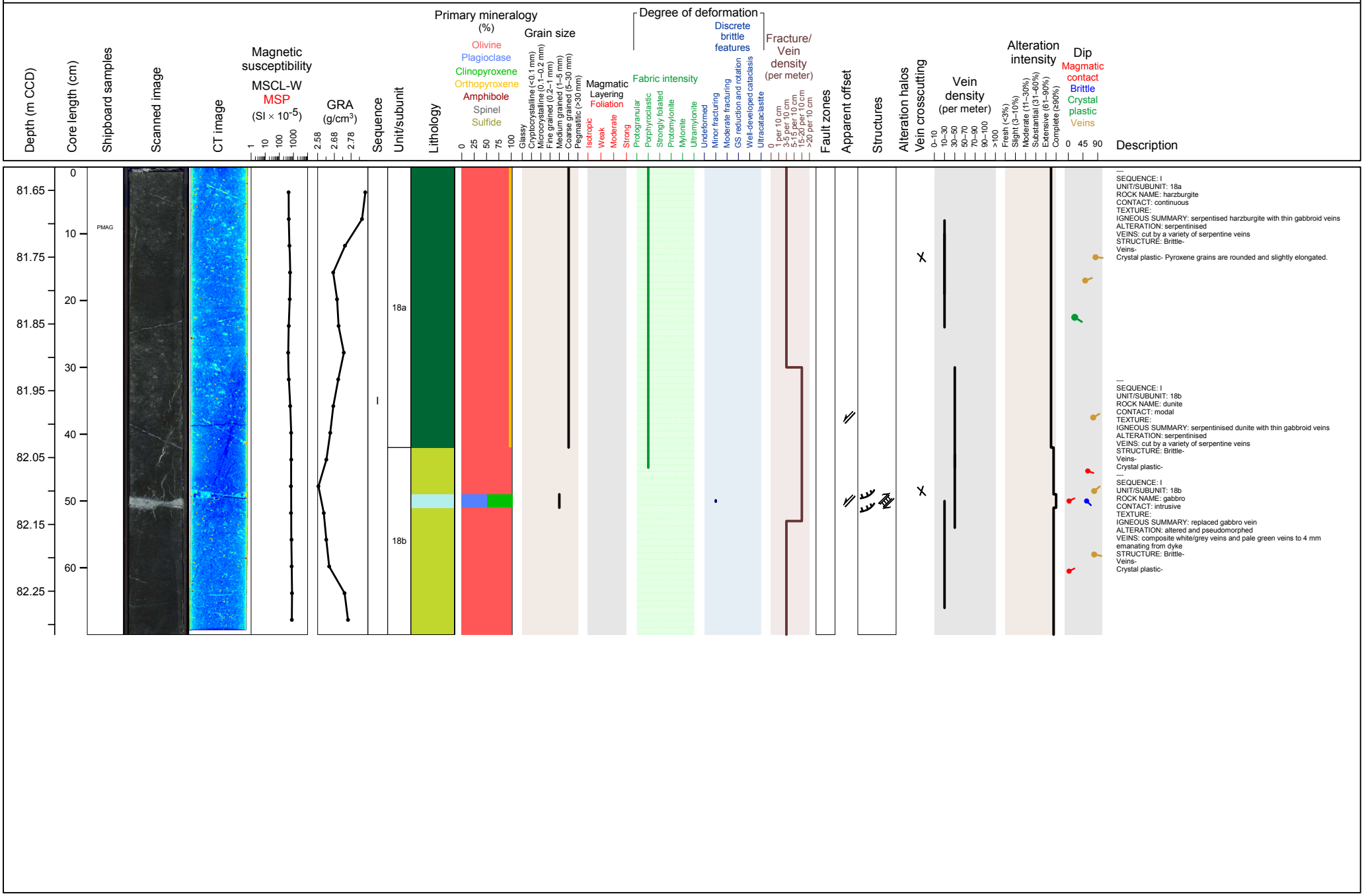
Hole BA4A-32Z Section 4, Top of Section 80.29 (m CCD)



Hole BA4A-33Z Section 1, Top of Section 80.70 (m CCD)



Hole BA4A-33Z Section 2, Top of Section 81.62 (m CCD)

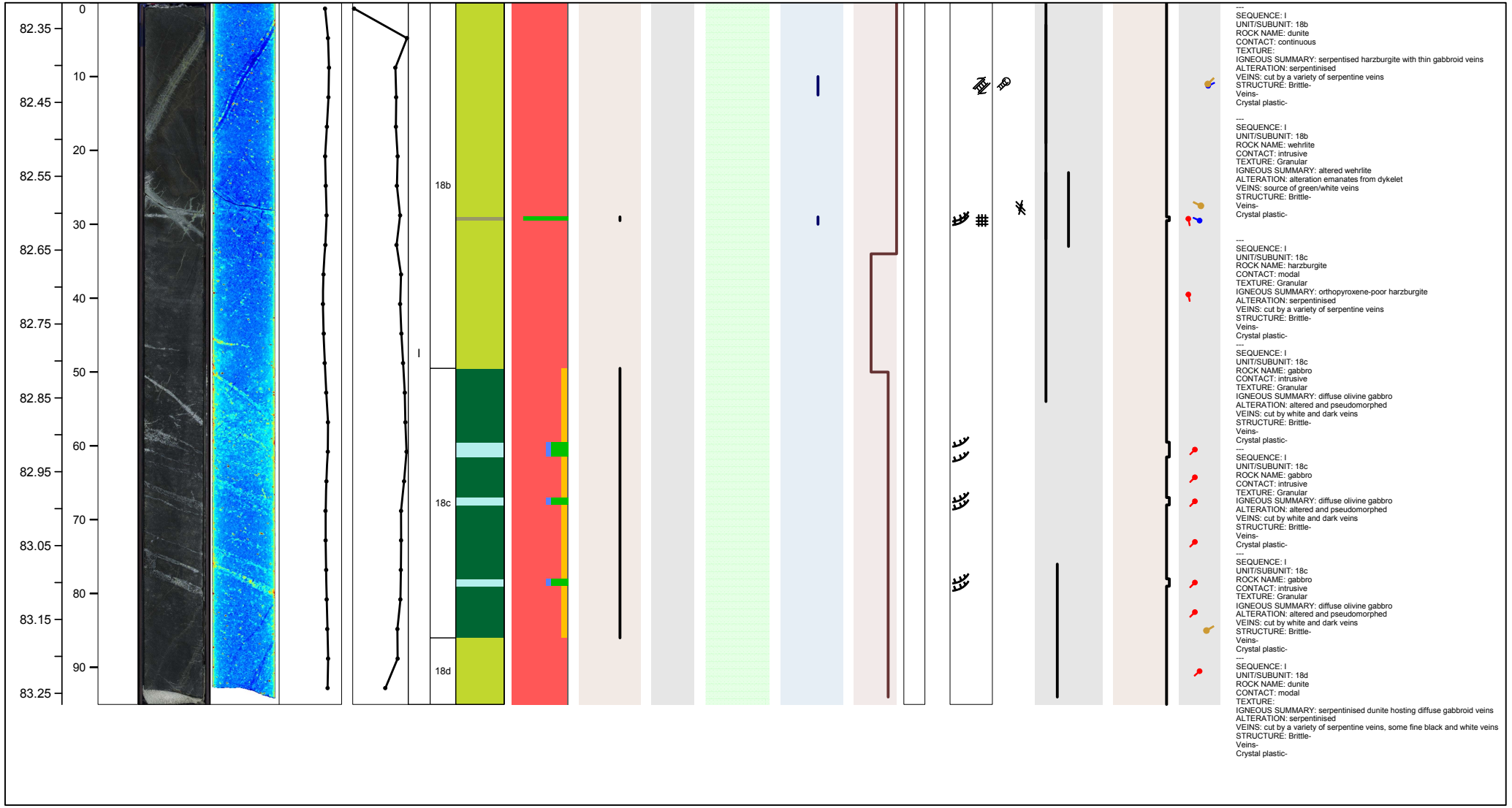


SEQUENCE: I
UNIT/SUBUNIT: 18a
ROCK NAME: harzburgite
CONTACT: continuous
TEXTURE:
IGNEOUS SUMMARY: serpentised harzburgite with thin gabbroid veins
ALTERATION: serpentinised
VEINS: cut by a variety of serpentine veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 18b
ROCK NAME: dunite
CONTACT: modal
TEXTURE:
IGNEOUS SUMMARY: serpentinised dunite with thin gabbroid veins
ALTERATION: serpentinised
VEINS: cut by a variety of serpentine veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 18b
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: replaced gabbro vein
ALTERATION: altered and pseudomorphed
VEINS: composite white/grey veins and pale green veins to 4 mm emanating from dyke
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-33Z Section 3, Top of Section 82.32 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 18b
ROCK NAME: dunite
CONTACT: continuous
TEXTURE:
IGNEOUS SUMMARY: serpentised harzburgite with thin gabbroid veins
ALTERATION: serpentinised
VEINS: cut by a variety of serpentine veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 18b
ROCK NAME: wehrlite
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered wehrlite
ALTERATION: alteration emanates from dykelet
VEINS: source of green/white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 18c
ROCK NAME: harzburgite
CONTACT: modal
TEXTURE: Granular
IGNEOUS SUMMARY: orthopyroxene-poor harzburgite
ALTERATION: serpentinised
VEINS: cut by a variety of serpentine veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

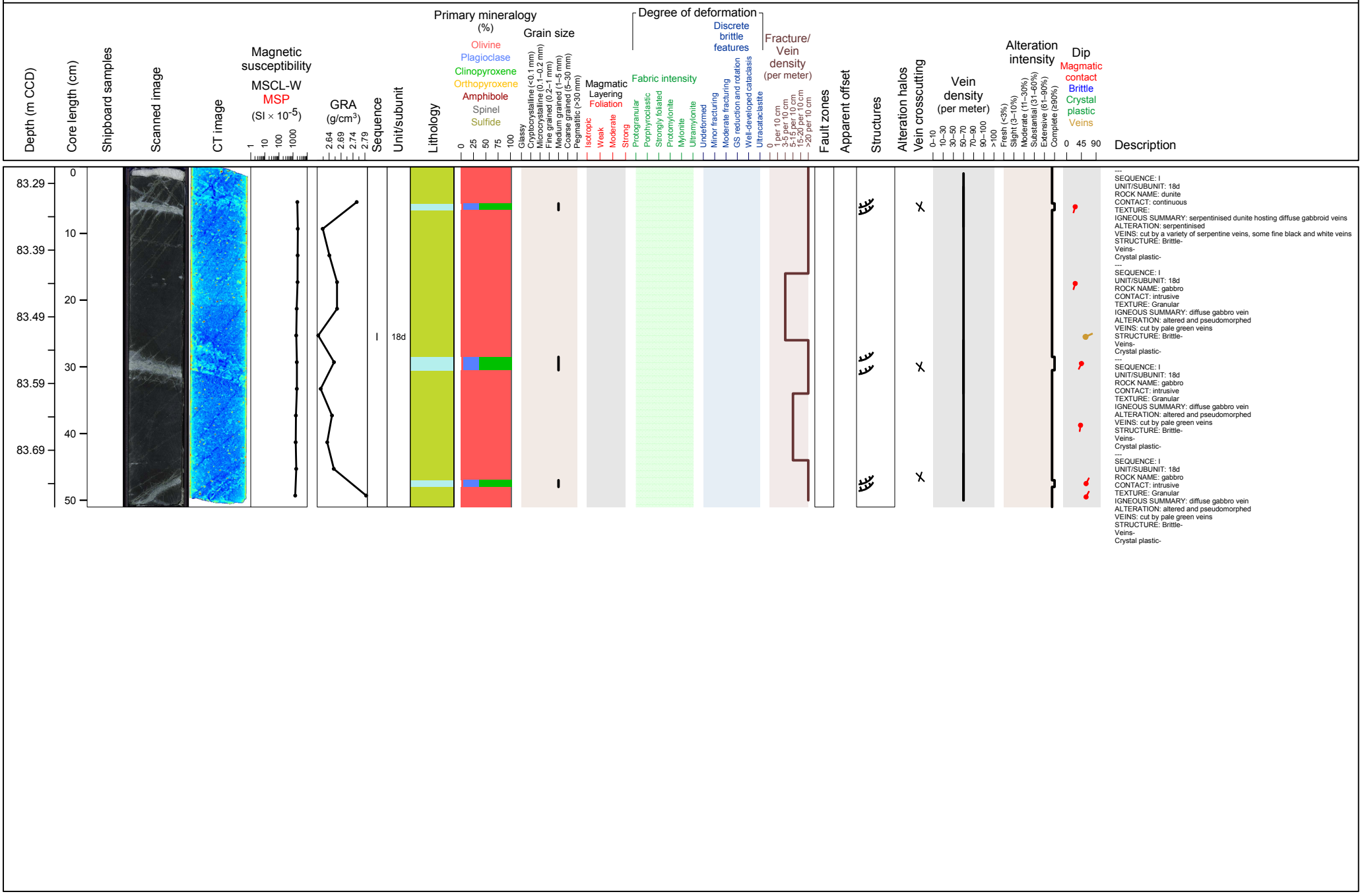
SEQUENCE: I
UNIT/SUBUNIT: 18c
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: diffuse olivine gabbro
ALTERATION: altered and pseudomorphed
VEINS: cut by white and dark veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 18c
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: diffuse olivine gabbro
ALTERATION: altered and pseudomorphed
VEINS: cut by white and dark veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

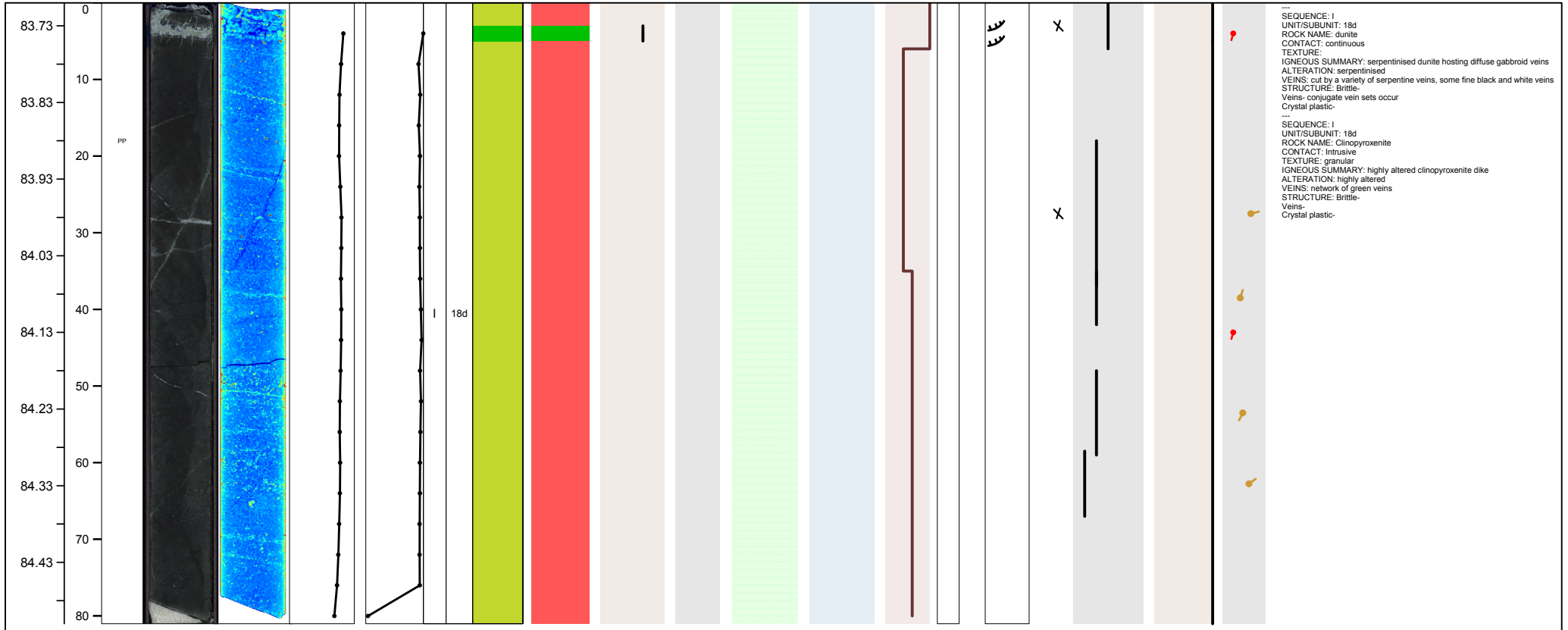
SEQUENCE: I
UNIT/SUBUNIT: 18c
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: diffuse olivine gabbro
ALTERATION: altered and pseudomorphed
VEINS: cut by white and dark veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 18d
ROCK NAME: dunite
CONTACT: modal
TEXTURE:
IGNEOUS SUMMARY: serpentinised dunite hosting diffuse gabbroid veins
ALTERATION: serpentinised
VEINS: cut by a variety of serpentine veins, some fine black and white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

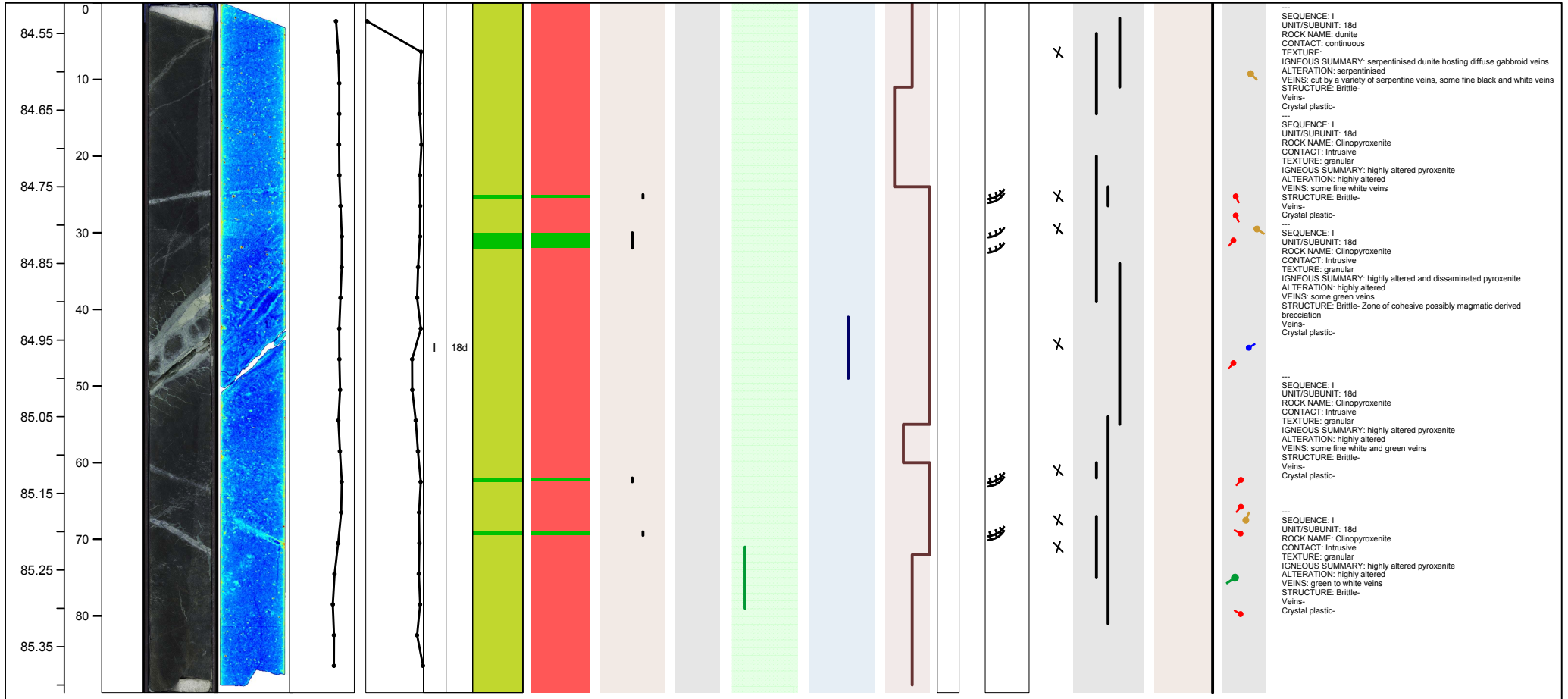
Hole BA4A-33Z Section 4, Top of Section 83.27 (m CCD)



Hole BA4A-34Z Section 1, Top of Section 83.70 (m CCD)



Hole BA4A-34Z Section 2, Top of Section 84.51 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 18d
ROCK NAME: dunite
CONTACT: continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinised dunite hosting diffuse gabbroid veins
ALTERATION: serpentinised
VEINS: cut by a variety of serpentine veins, some fine black and white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

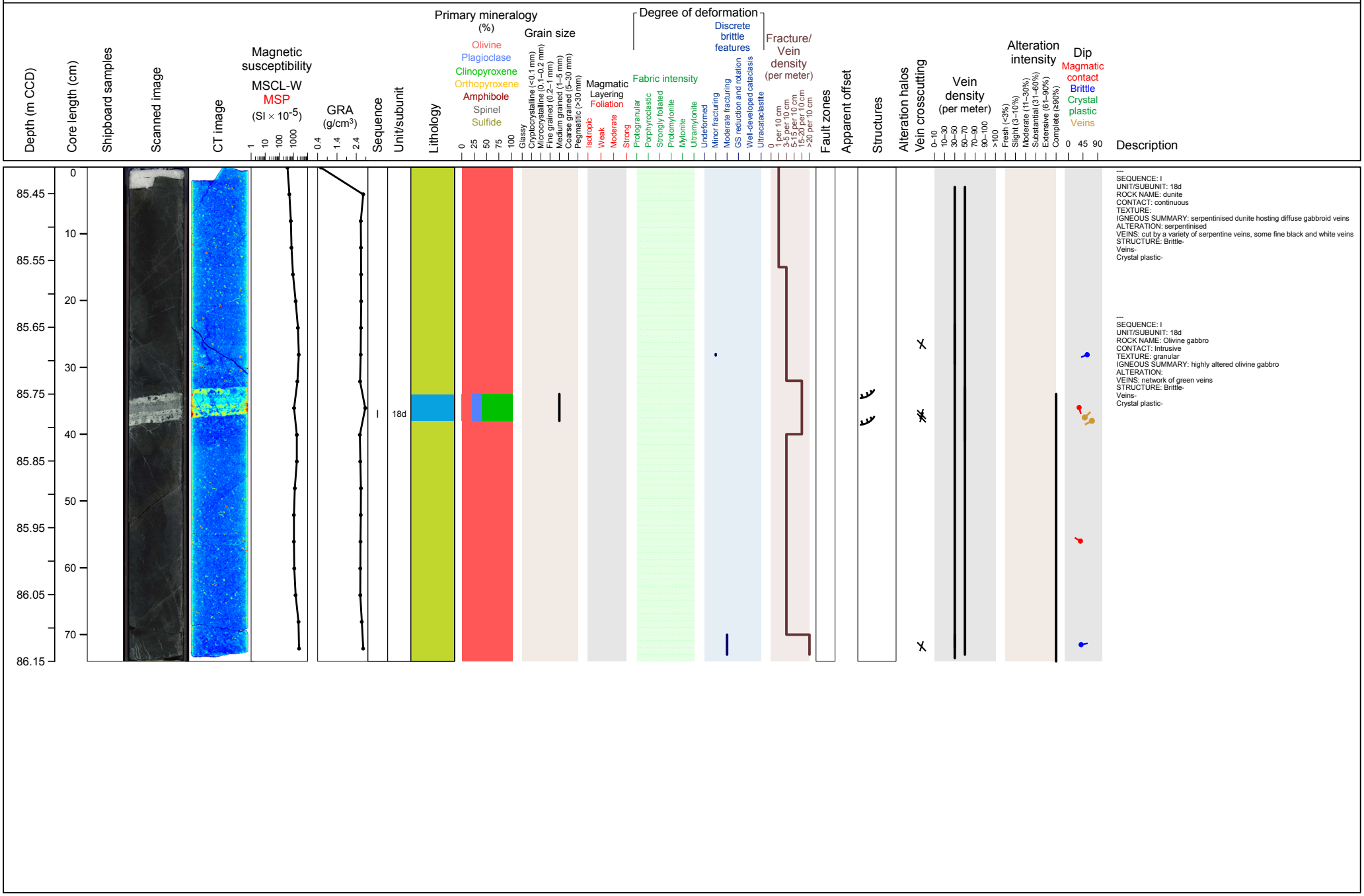
SEQUENCE: I
UNIT/SUBUNIT: 18d
ROCK NAME: Clinopyroxenite
CONTACT: Intrusive
TEXTURE: granular
IGNEOUS SUMMARY: highly altered pyroxenite
ALTERATION: highly altered
VEINS: some fine white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 18d
ROCK NAME: Clinopyroxenite
CONTACT: Intrusive
TEXTURE: granular
IGNEOUS SUMMARY: highly altered and dissaminated pyroxenite
ALTERATION: highly altered
VEINS: some green veins
STRUCTURE: Brittle- Zone of cohesive possibly magmatic derived brecciation
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 18d
ROCK NAME: Clinopyroxenite
CONTACT: Intrusive
TEXTURE: granular
IGNEOUS SUMMARY: highly altered pyroxenite
ALTERATION: highly altered
VEINS: some fine white and green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 18d
ROCK NAME: Clinopyroxenite
CONTACT: Intrusive
TEXTURE: granular
IGNEOUS SUMMARY: highly altered pyroxenite
ALTERATION: highly altered
VEINS: green to white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

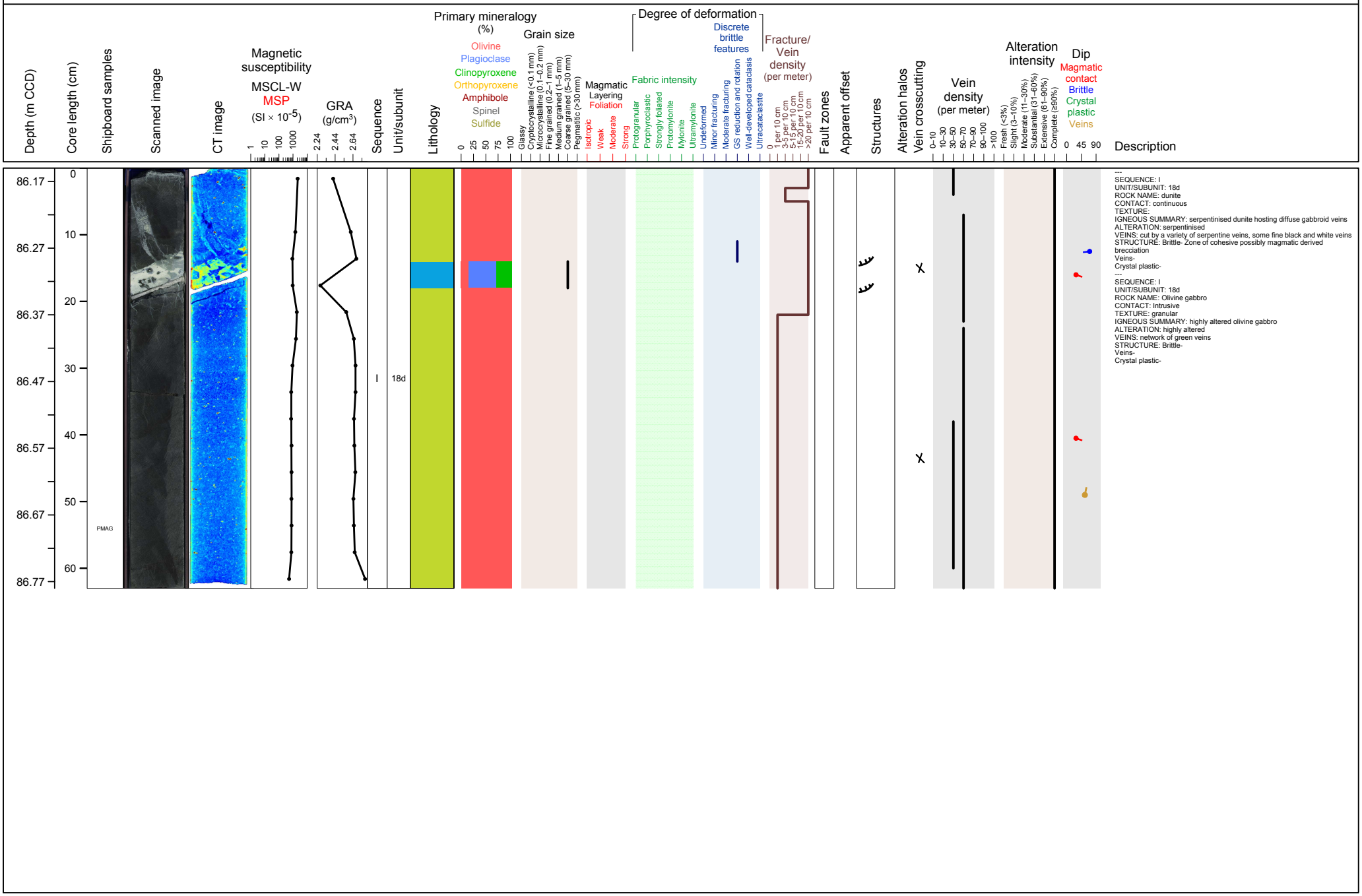
Hole BA4A-34Z Section 3, Top of Section 85.41 (m CCD)



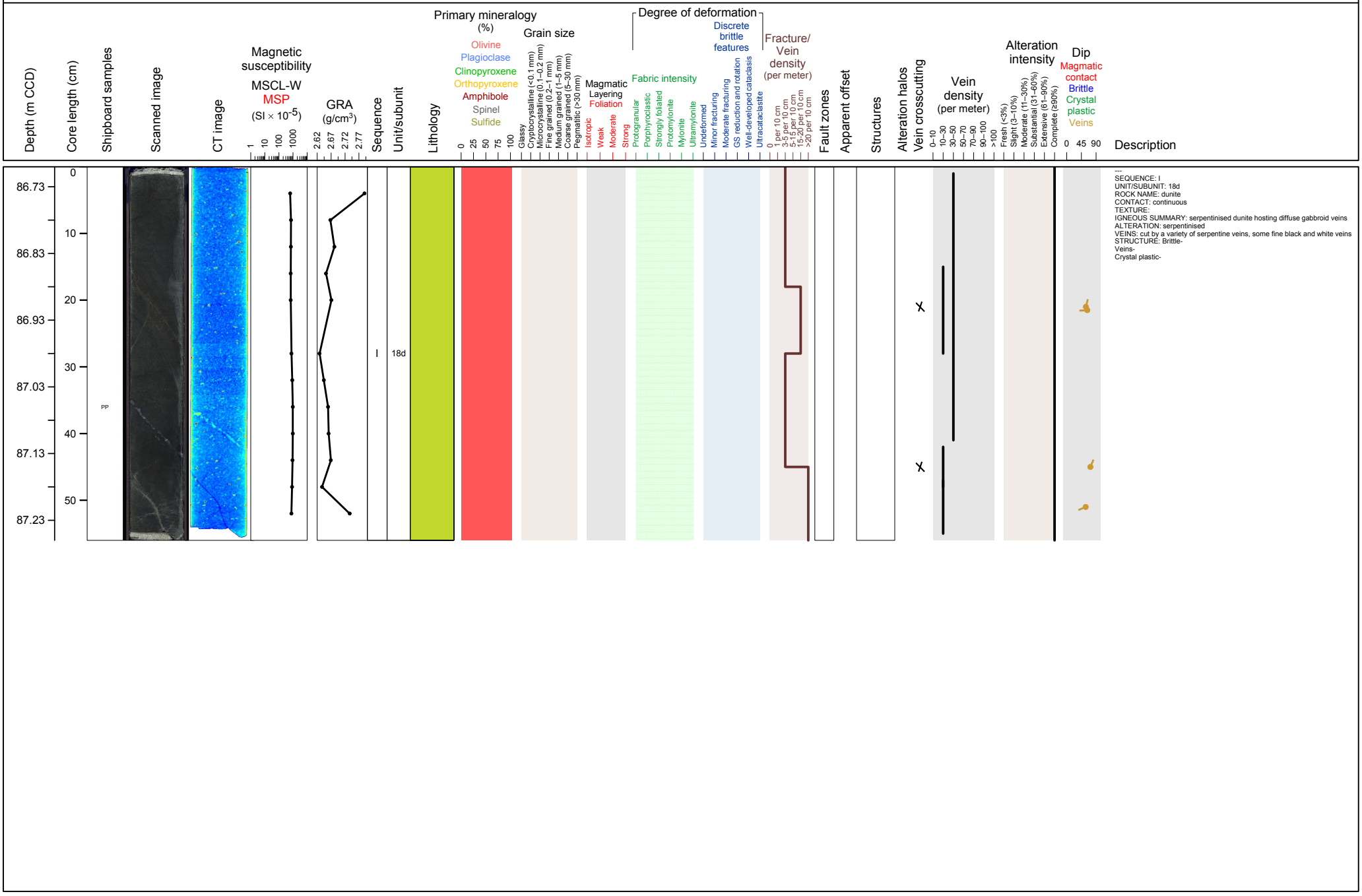
SEQUENCE: I
UNIT/SUBUNIT: 18d
ROCK NAME: dunite
CONTACT: continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinised dunite hosting diffuse gabbroid veins
ALTERATION: serpentinised
VEINS: cut by a variety of serpentine veins, some fine black and white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 18d
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: granular
IGNEOUS SUMMARY: highly altered olivine gabbro
ALTERATION:
VEINS: network of green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

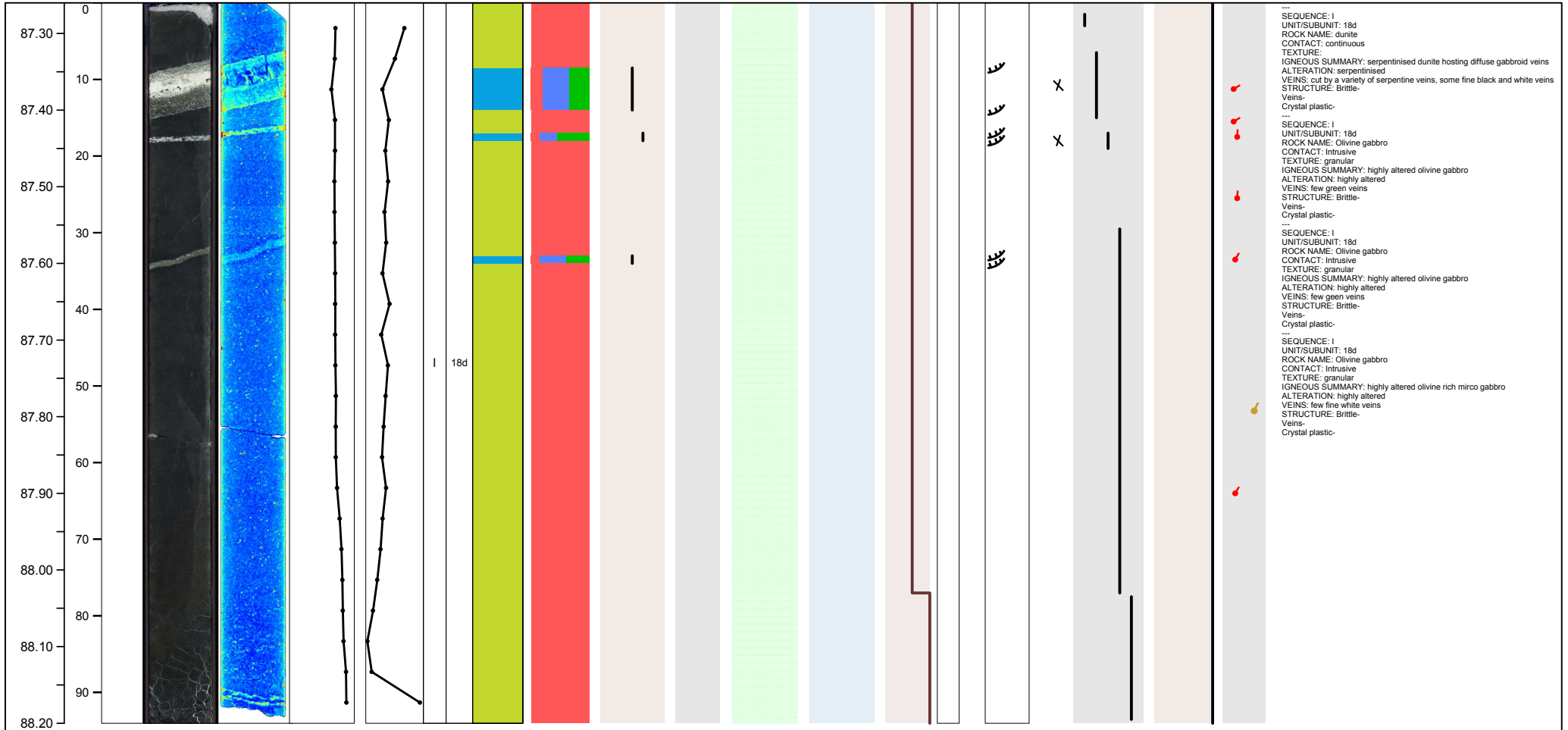
Hole BA4A-34Z Section 4, Top of Section 86.15 (m CCD)



Hole BA4A-35Z Section 1, Top of Section 86.70 (m CCD)



Hole BA4A-35Z Section 2, Top of Section 87.26 (m CCD)



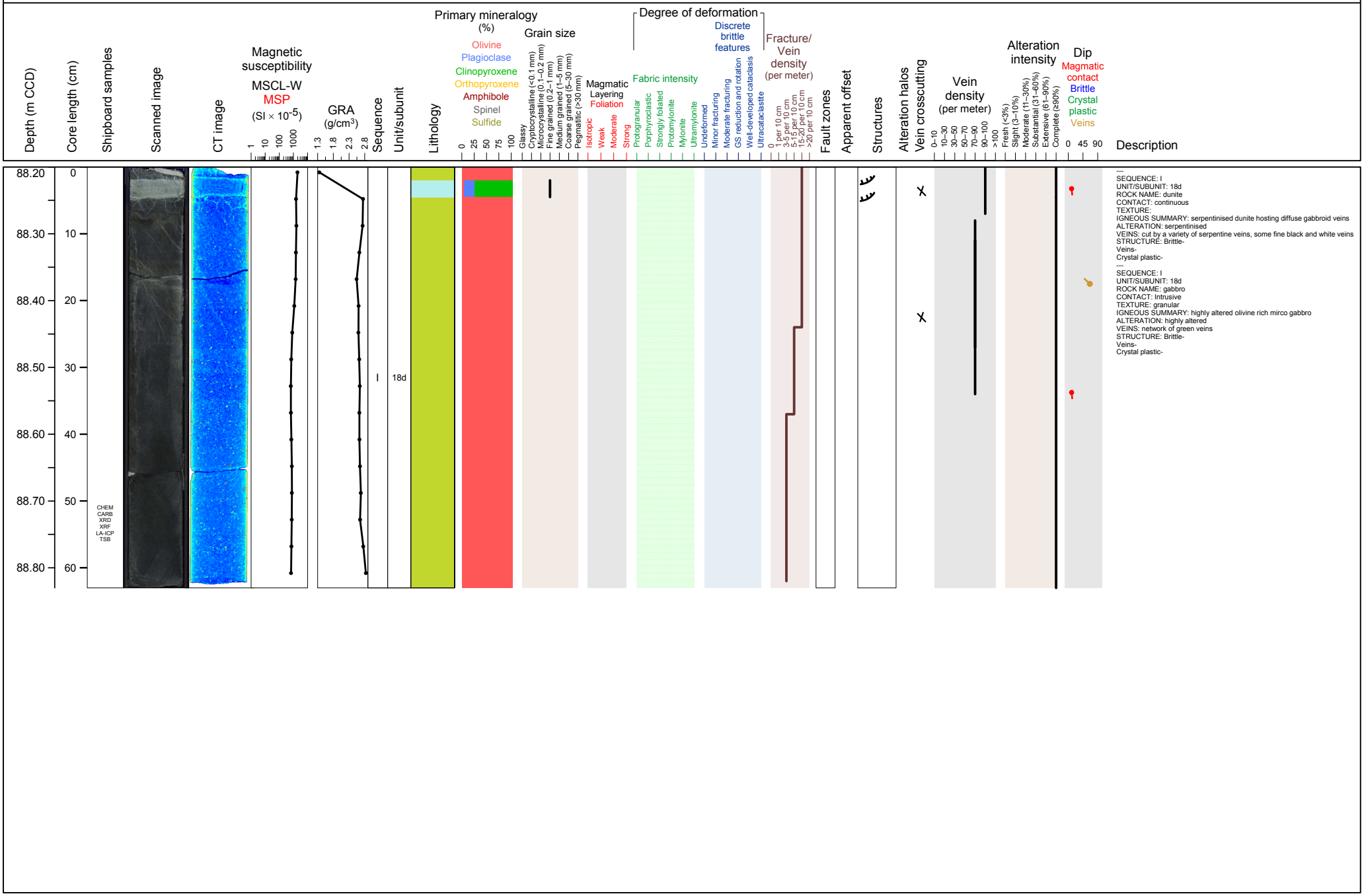
SEQUENCE: I
UNIT/SUBUNIT: 18d
ROCK NAME: dunite
CONTACT: continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinised dunite hosting diffuse gabbroid veins
ALTERATION: serpentinised
VEINS: cut by a variety of serpentine veins, some fine black and white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 18d
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: granular
IGNEOUS SUMMARY: highly altered olivine gabbro
ALTERATION: highly altered
VEINS: few green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

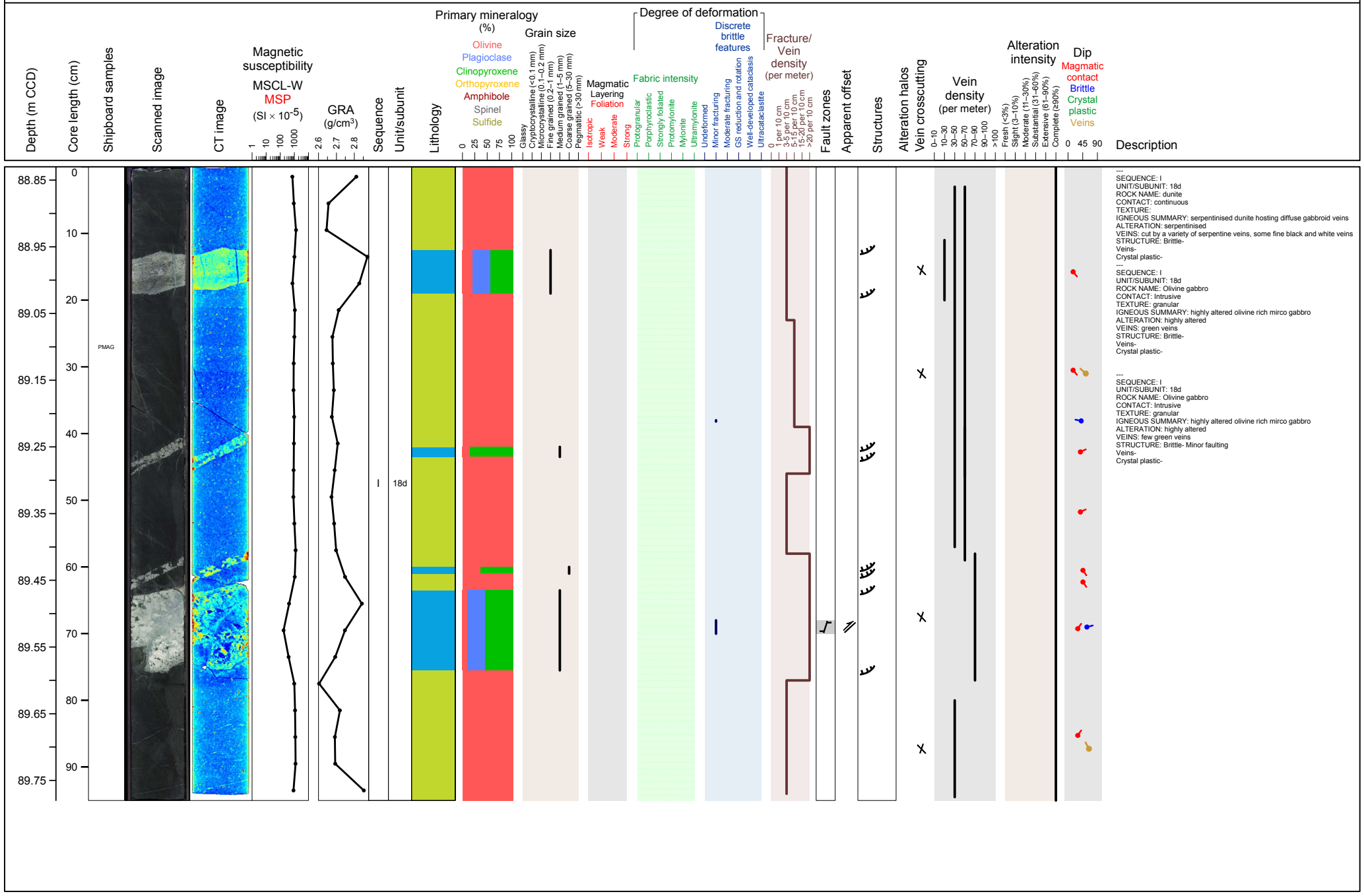
SEQUENCE: I
UNIT/SUBUNIT: 18d
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: granular
IGNEOUS SUMMARY: highly altered olivine gabbro
ALTERATION: highly altered
VEINS: few geen veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 18d
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: granular
IGNEOUS SUMMARY: highly altered olivine rich mirco gabbro
ALTERATION: highly altered
VEINS: few fine white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

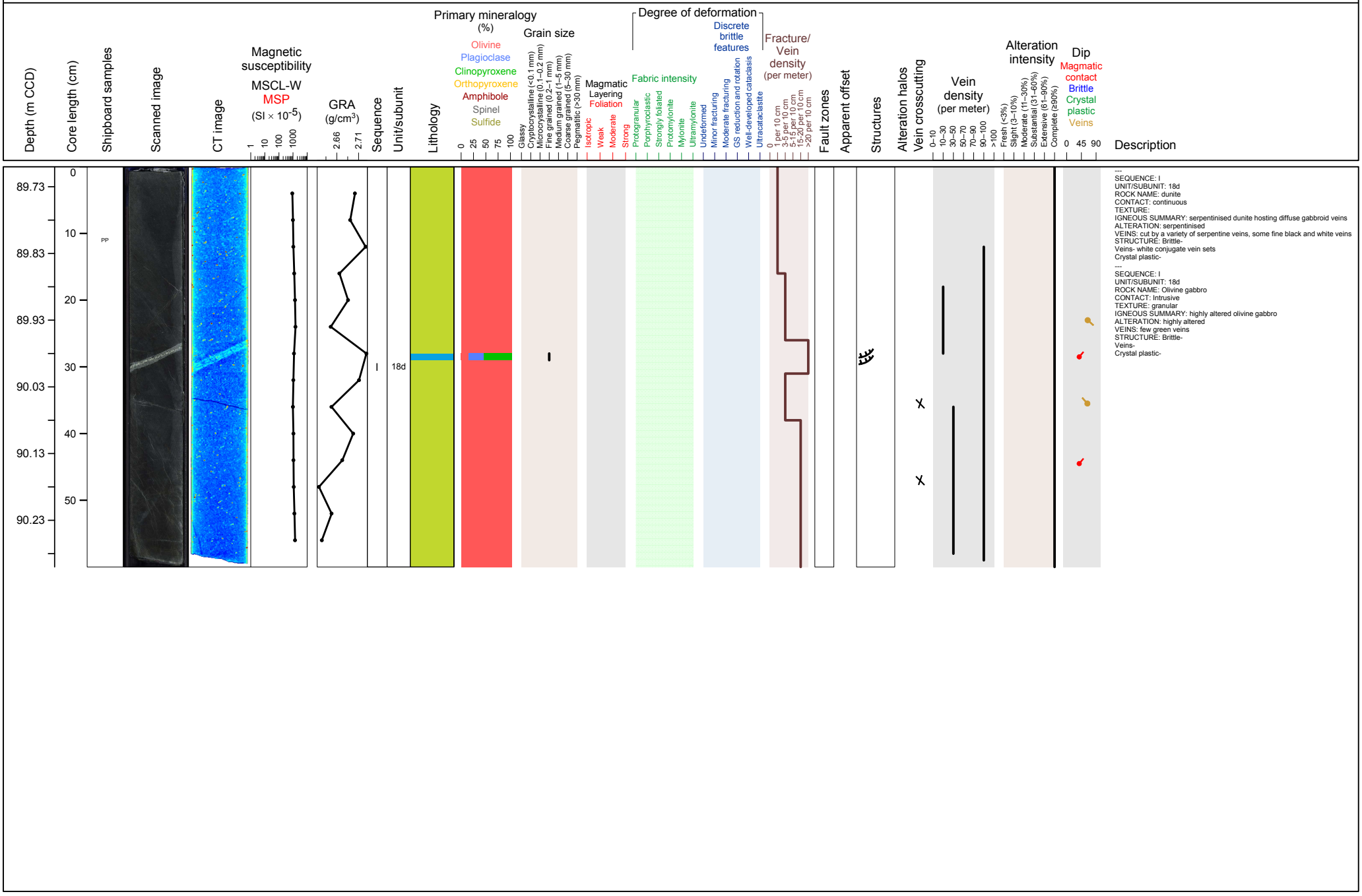
Hole BA4A-35Z Section 3, Top of Section 88.20 (m CCD)



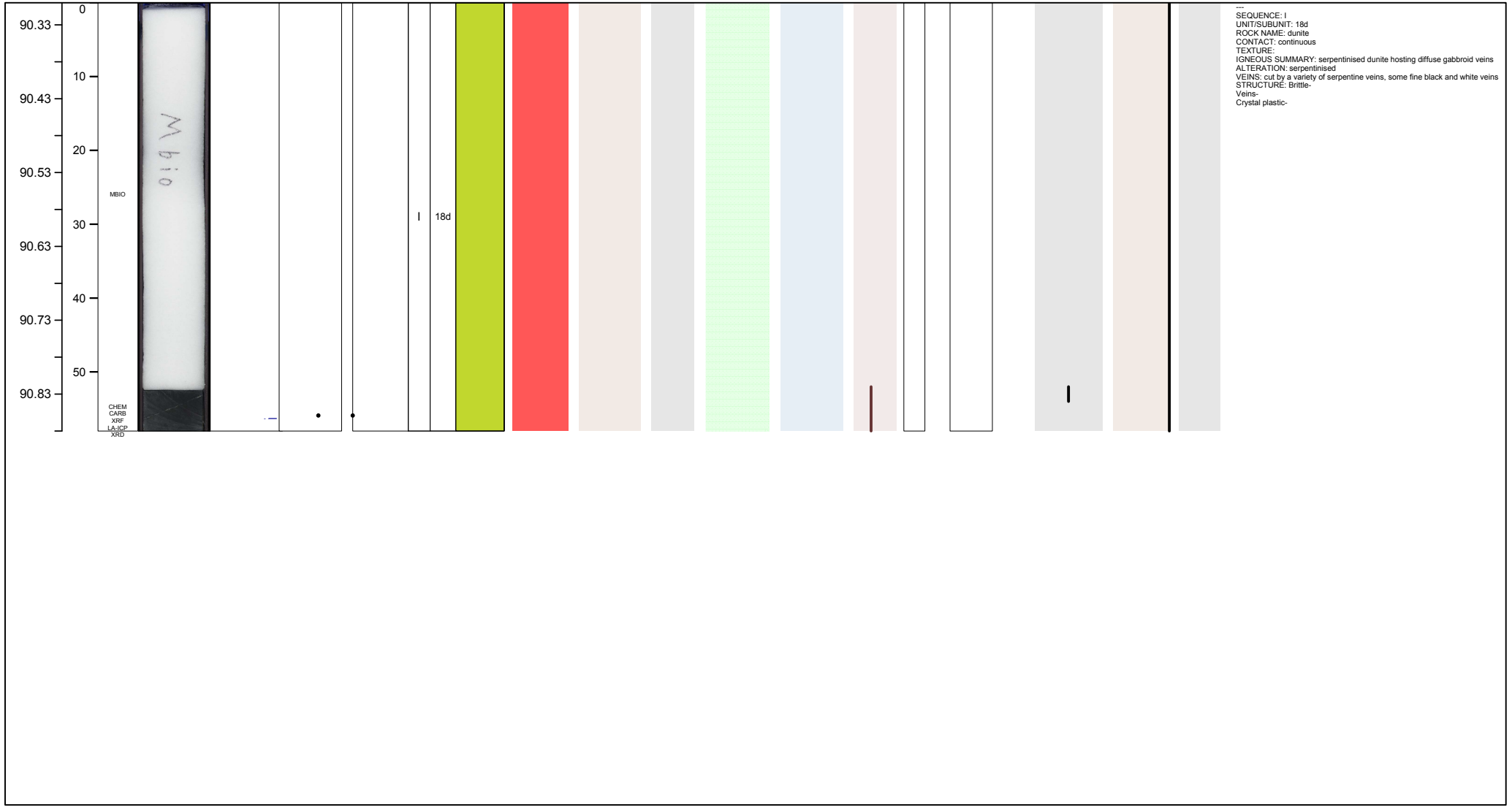
Hole BA4A-35Z Section 4, Top of Section 88.83 (m CCD)



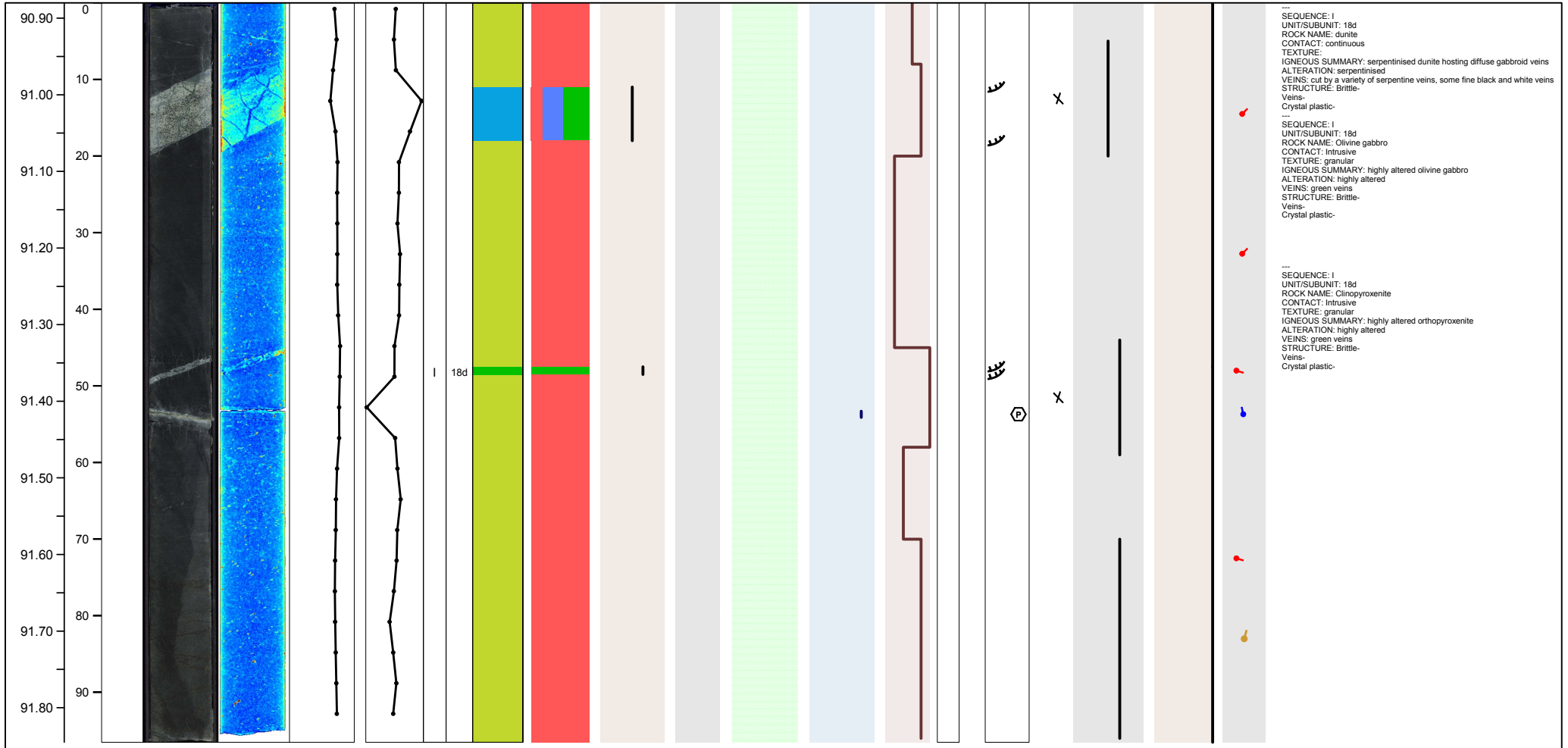
Hole BA4A-36Z Section 1, Top of Section 89.70 (m CCD)



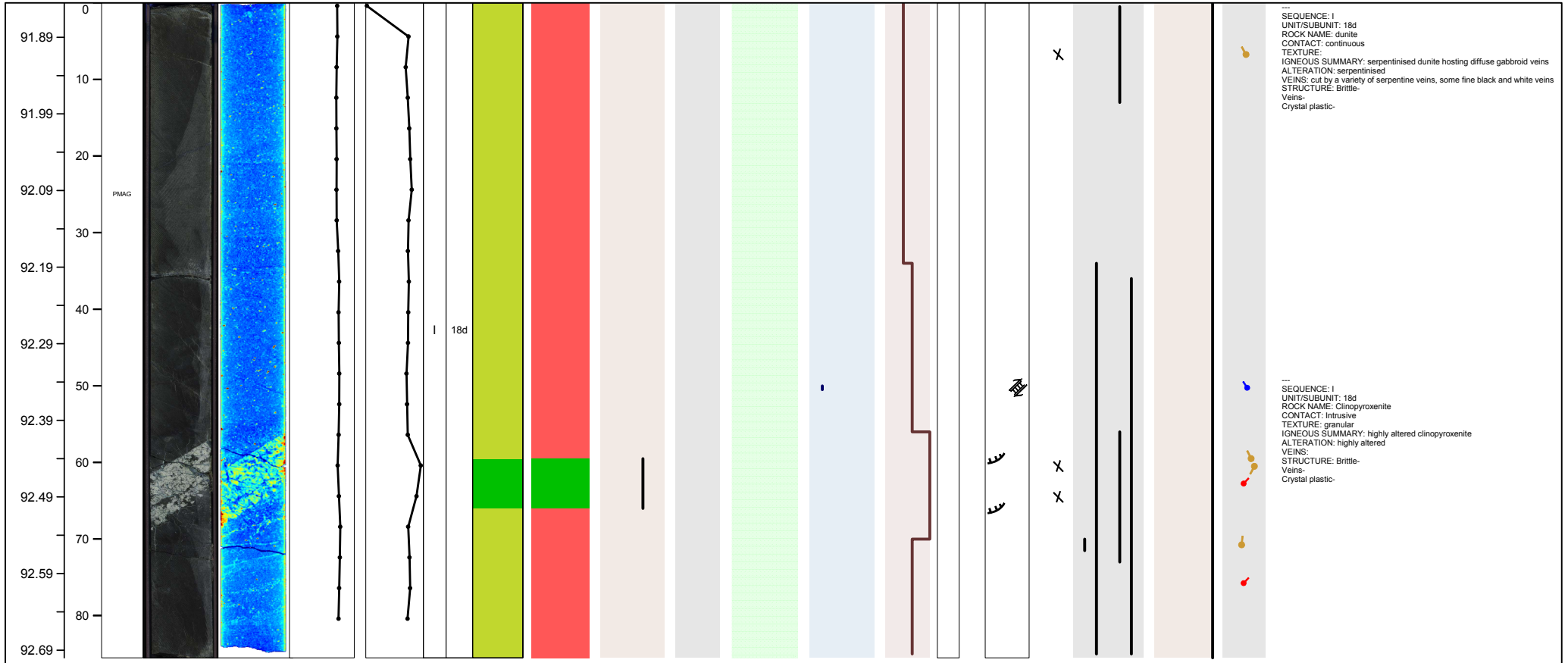
Hole BA4A-36Z Section 2, Top of Section 90.30 (m CCD)



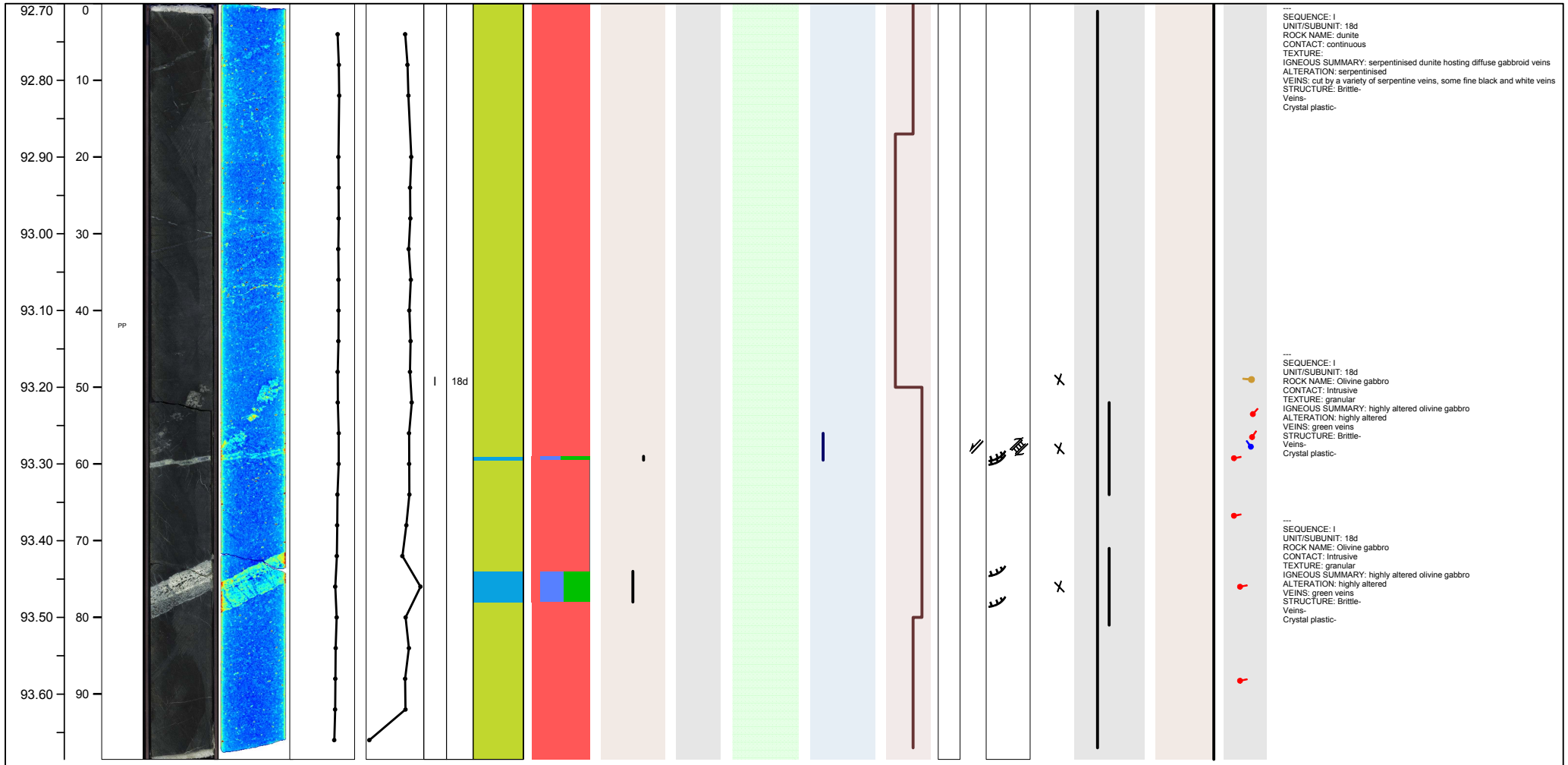
Hole BA4A-36Z Section 3, Top of Section 90.88 (m CCD)



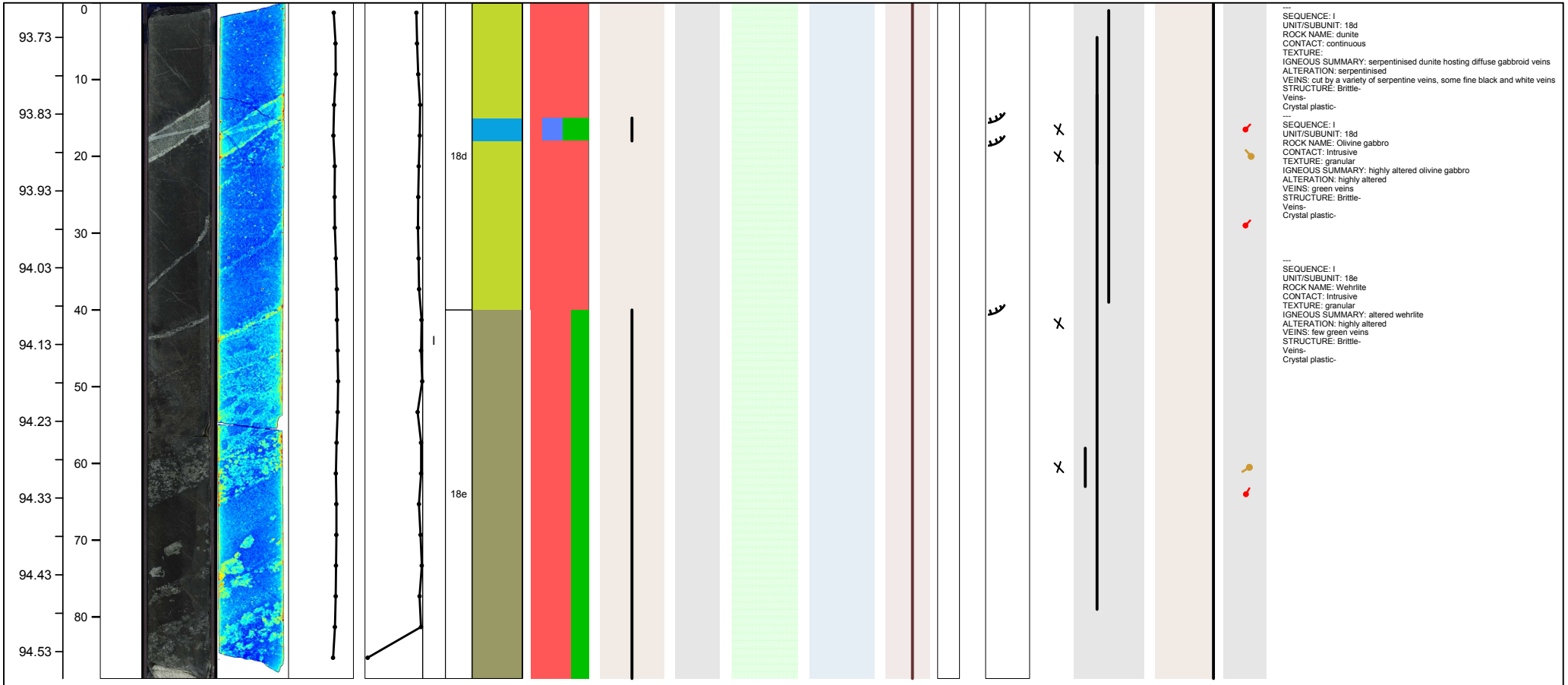
Hole BA4A-36Z Section 4, Top of Section 91.85 (m CCD)



Hole BA4A-37Z Section 1, Top of Section 92.70 (m CCD)



Hole BA4A-37Z Section 2, Top of Section 93.69 (m CCD)

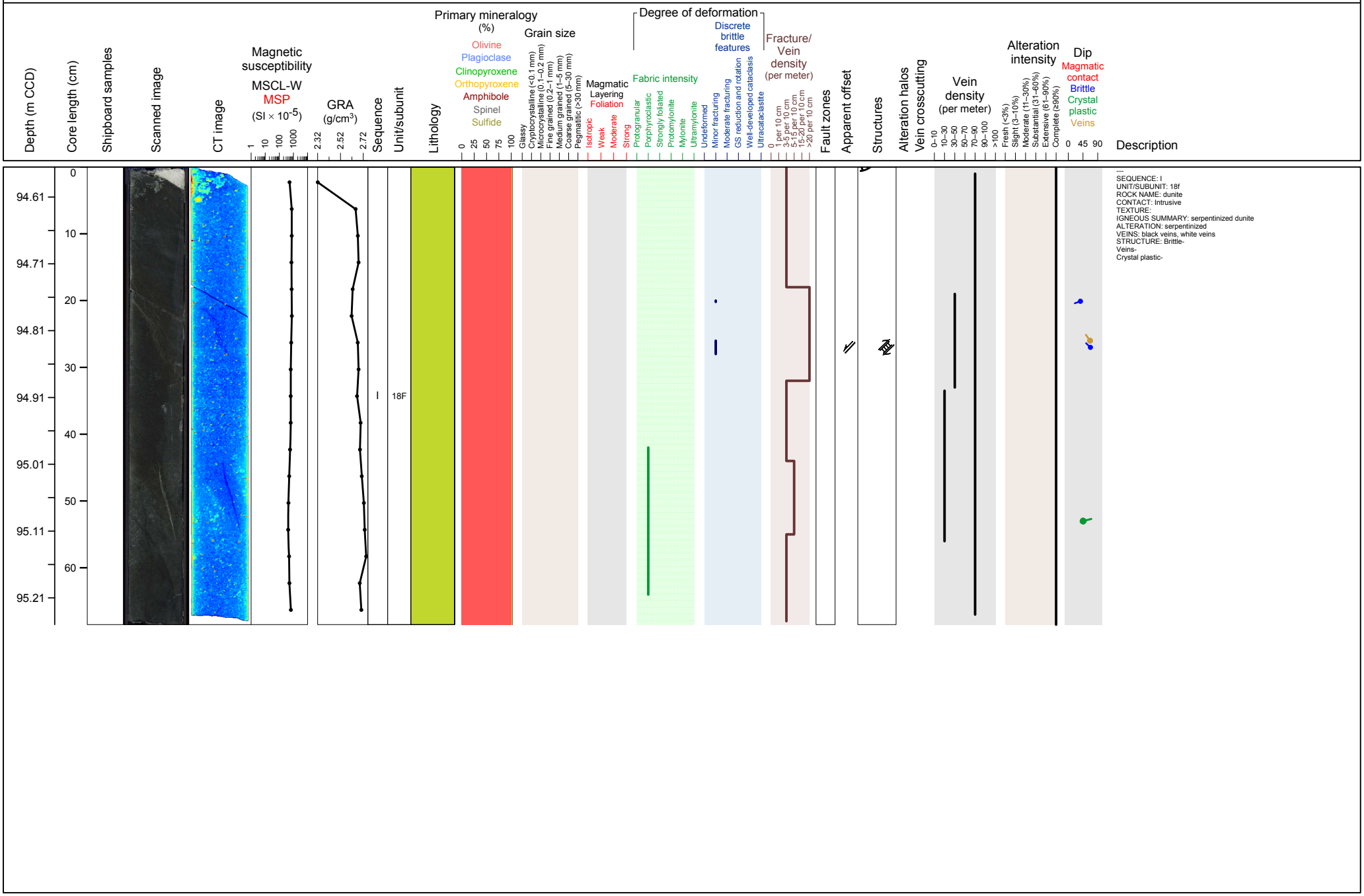


SEQUENCE: I
UNIT/SUBUNIT: 18d
ROCK NAME: dunite
CONTACT: continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinised dunite hosting diffuse gabbroid veins
ALTERATION: serpentinised
VEINS: cut by a variety of serpentine veins, some fine black and white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

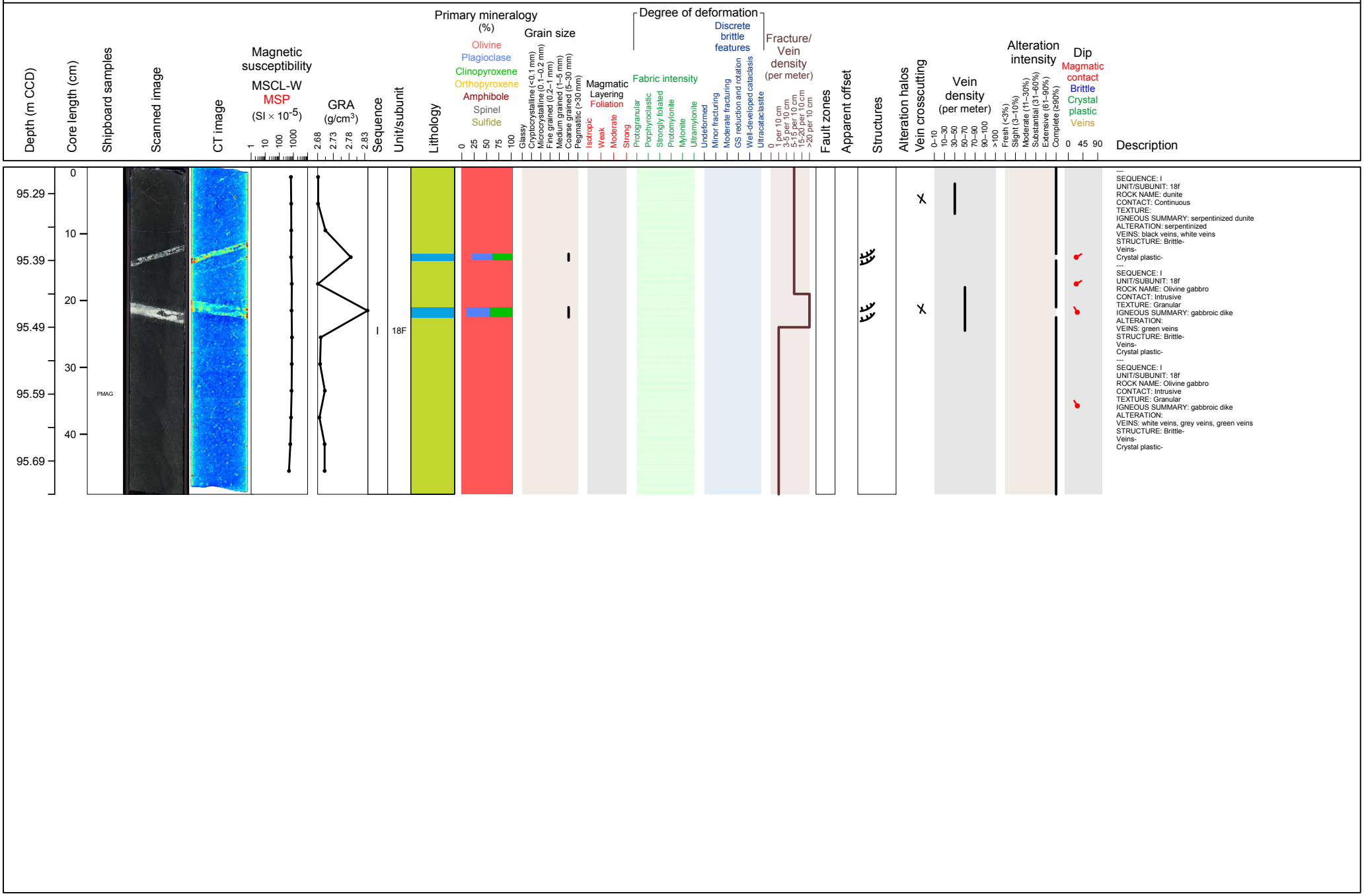
SEQUENCE: I
UNIT/SUBUNIT: 18d
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: granular
IGNEOUS SUMMARY: highly altered olivine gabbro
ALTERATION: highly altered
VEINS: green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 18e
ROCK NAME: Wehrlite
CONTACT: Intrusive
TEXTURE: granular
IGNEOUS SUMMARY: altered wehrlite
ALTERATION: highly altered
VEINS: few green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

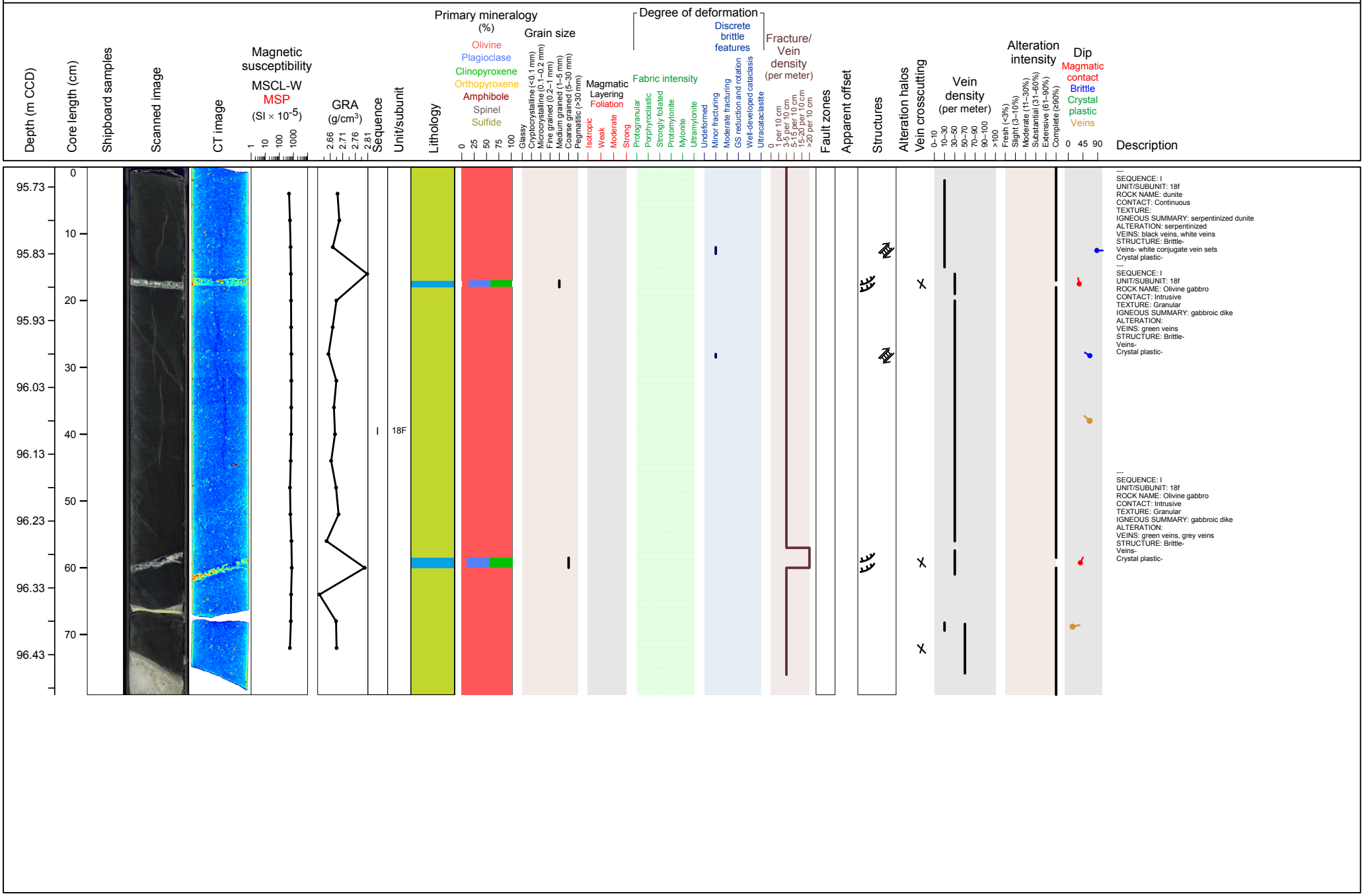
Hole BA4A-37Z Section 3, Top of Section 94.57 (m CCD)



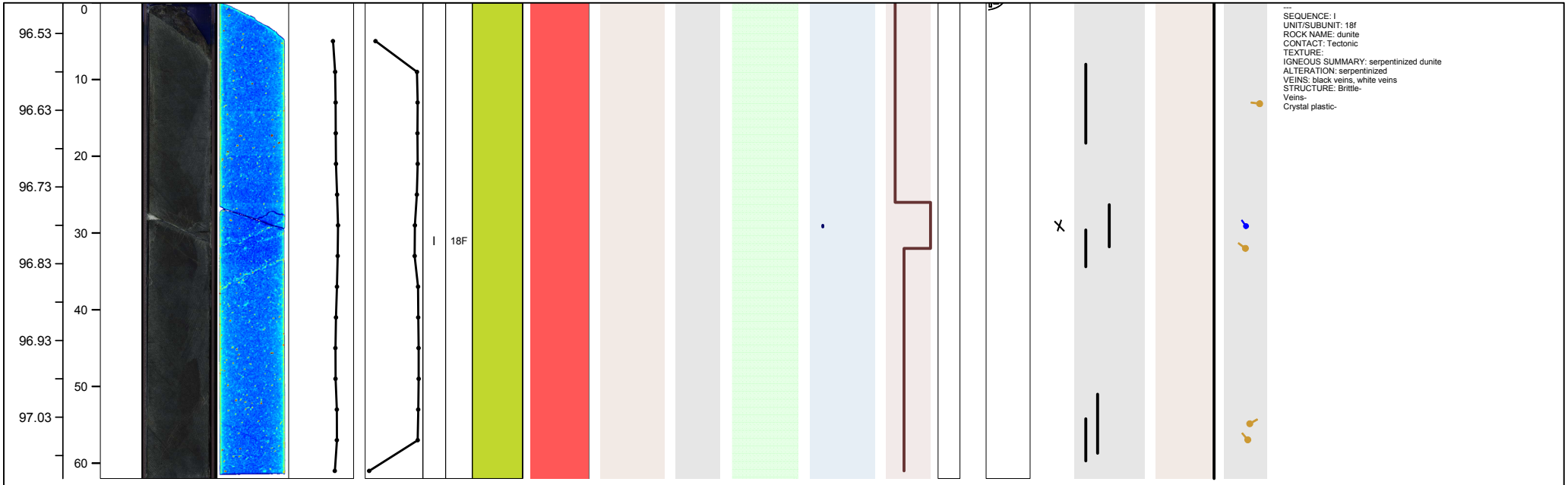
Hole BA4A-37Z Section 4, Top of Section 95.25 (m CCD)



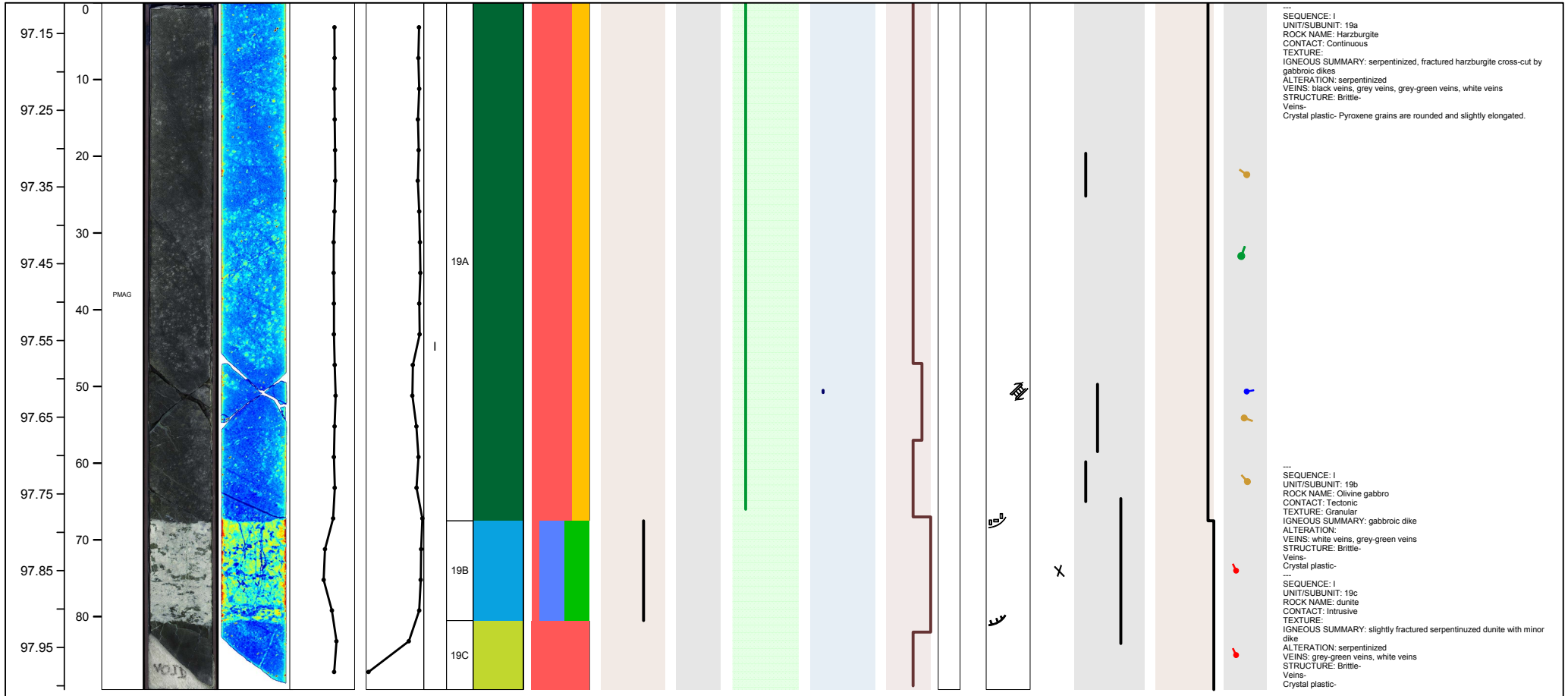
Hole BA4A-38Z Section 1, Top of Section 95.70 (m CCD)



Hole BA4A-38Z Section 2, Top of Section 96.49 (m CCD)



Hole BA4A-38Z Section 3, Top of Section 97.11 (m CCD)

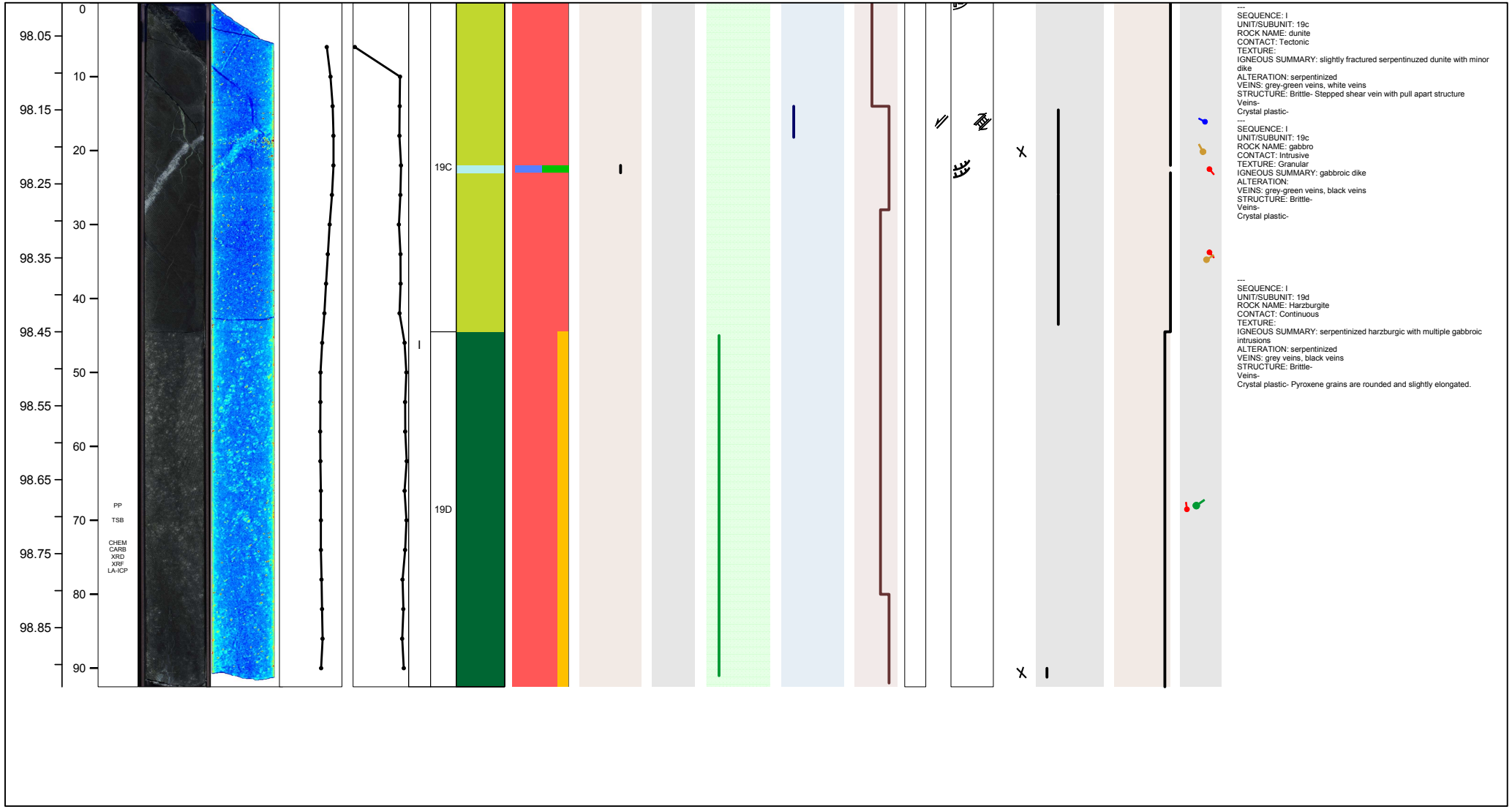


SEQUENCE: I
UNIT/SUBUNIT: 19a
ROCK NAME: Harzburgite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized, fractured harzburgite cross-cut by gabbroic dikes
ALTERATION: serpentinized
VEINS: black veins, grey veins, grey-green veins, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 19b
ROCK NAME: Olivine gabbro
CONTACT: Tectonic
TEXTURE: Granular
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS: white veins, grey-green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 19c
ROCK NAME: dunite
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: slightly fractured serpentinuzed dunite with minor dike
ALTERATION: serpentinized
VEINS: grey-green veins, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-38Z Section 4, Top of Section 98.01 (m CCD)

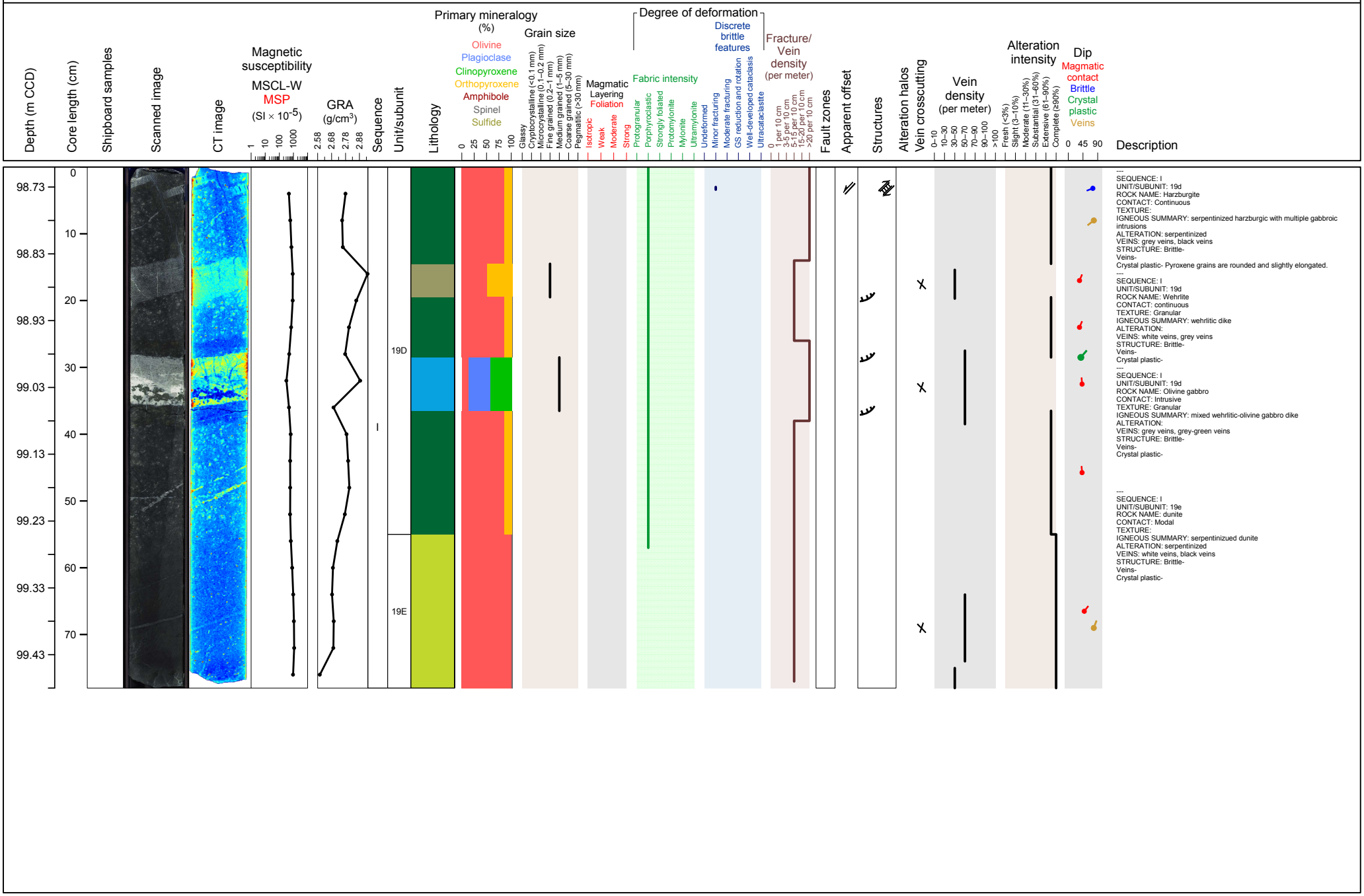


SEQUENCE: I
UNIT/SUBUNIT: 19c
ROCK NAME: dunite
CONTACT: Tectonic
TEXTURE:
IGNEOUS SUMMARY: slightly fractured serpentinuzed dunite with minor dike
ALTERATION: serpentinized
VEINS: grey-green veins, white veins
STRUCTURE: Brittle- Stepped shear vein with pull apart structure
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 19c
ROCK NAME: gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS: grey-green veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 19d
ROCK NAME: Harzburgite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized harzburgic with multiple gabbroic intrusions
ALTERATION: serpentinized
VEINS: grey veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

Hole BA4A-39Z Section 1, Top of Section 98.70 (m CCD)



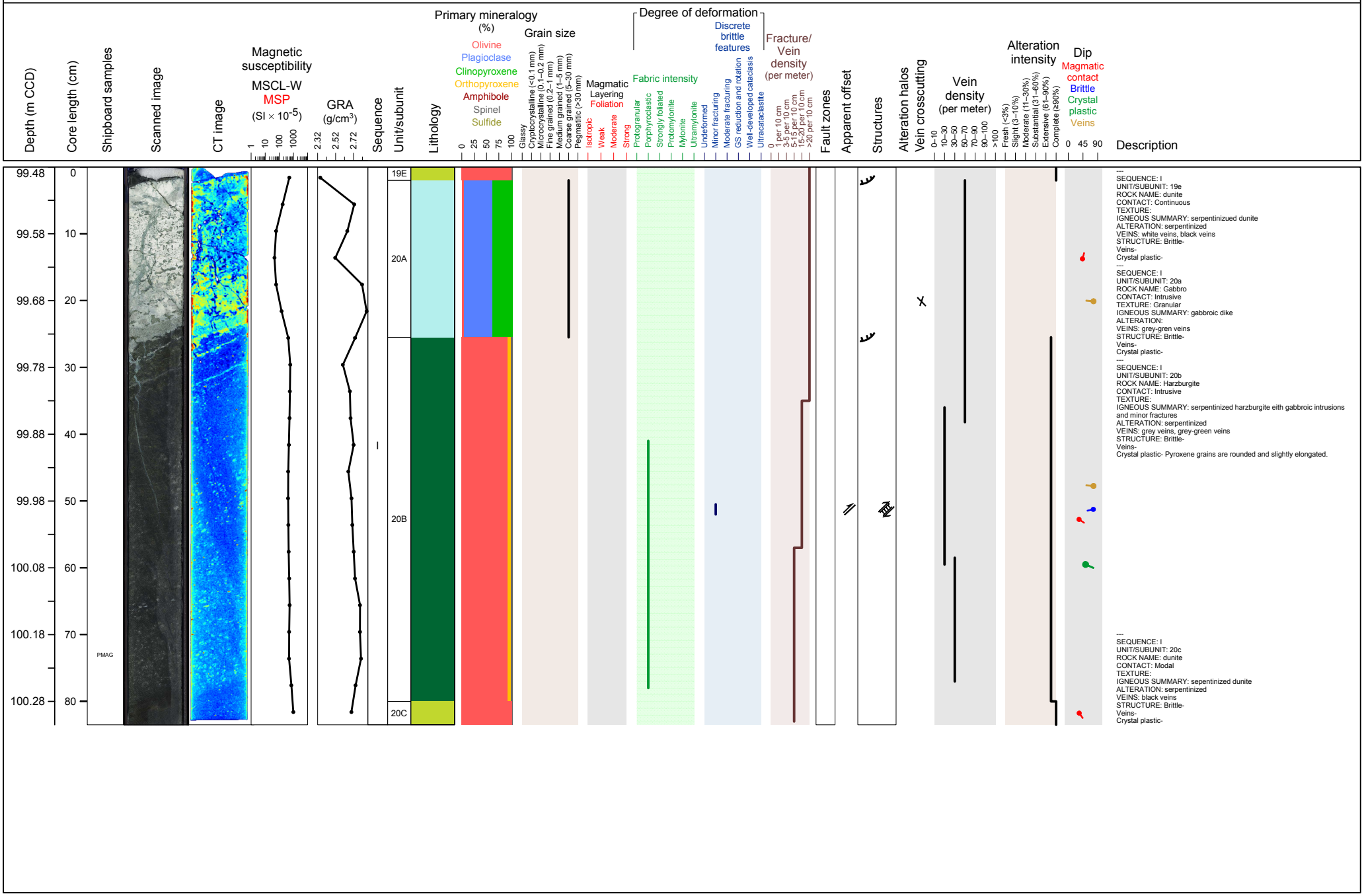
SEQUENCE: I
UNIT/SUBUNIT: 19d
ROCK NAME: Harzburgite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized harzburgic with multiple gabbroic intrusions
ALTERATION: serpentinized
VEINS: grey veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 19d
ROCK NAME: Wehrlite
CONTACT: continuous
TEXTURE: Granular
IGNEOUS SUMMARY: wehrlitic dike
ALTERATION:
VEINS: white veins, grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

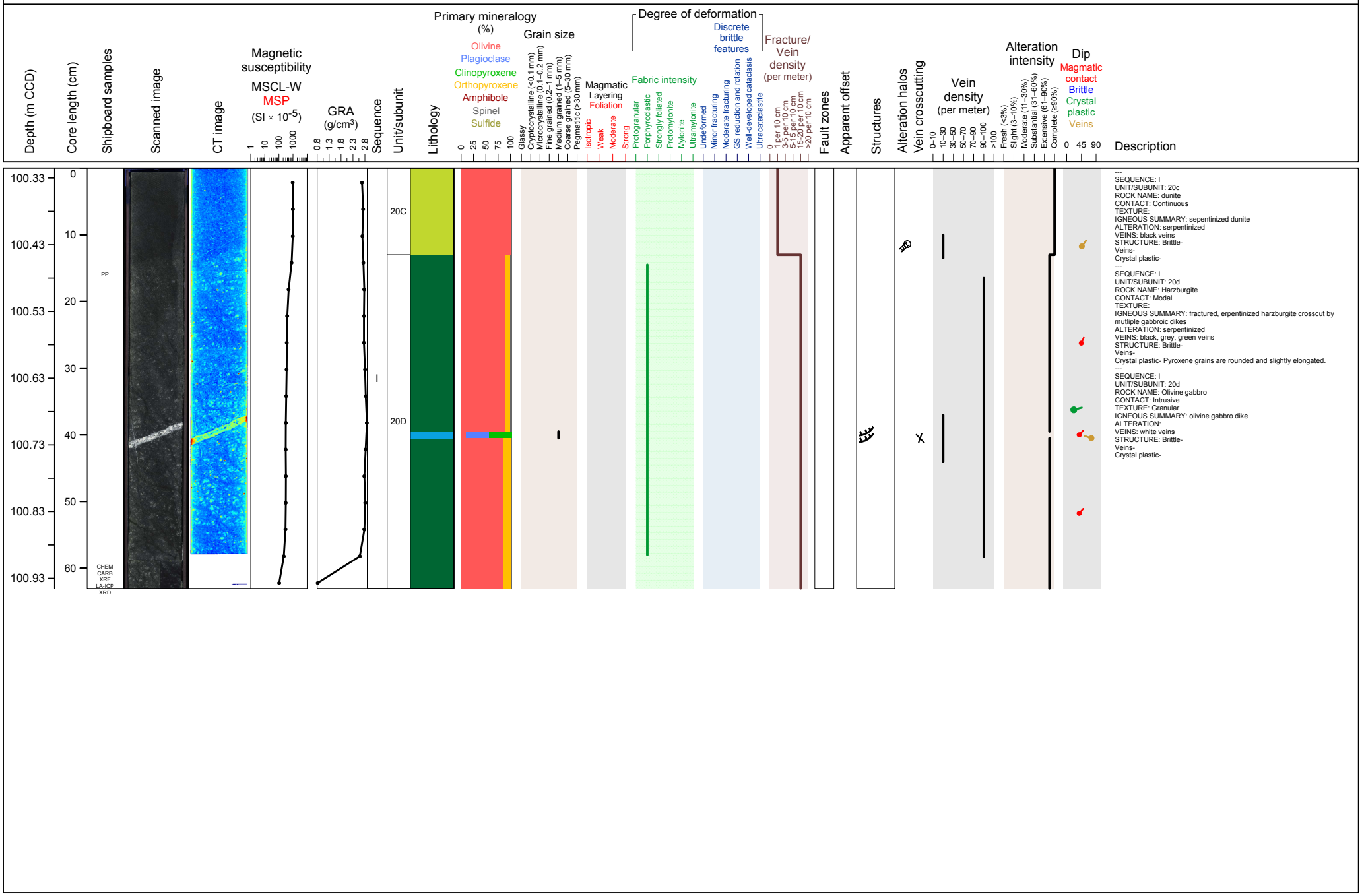
SEQUENCE: I
UNIT/SUBUNIT: 19d
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: mixed wehrlitic-olivine gabbro dike
ALTERATION:
VEINS: grey veins, grey-green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 19e
ROCK NAME: dunite
CONTACT: Modal
TEXTURE:
IGNEOUS SUMMARY: serpentinizued dunite
ALTERATION: serpentinized
VEINS: white veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

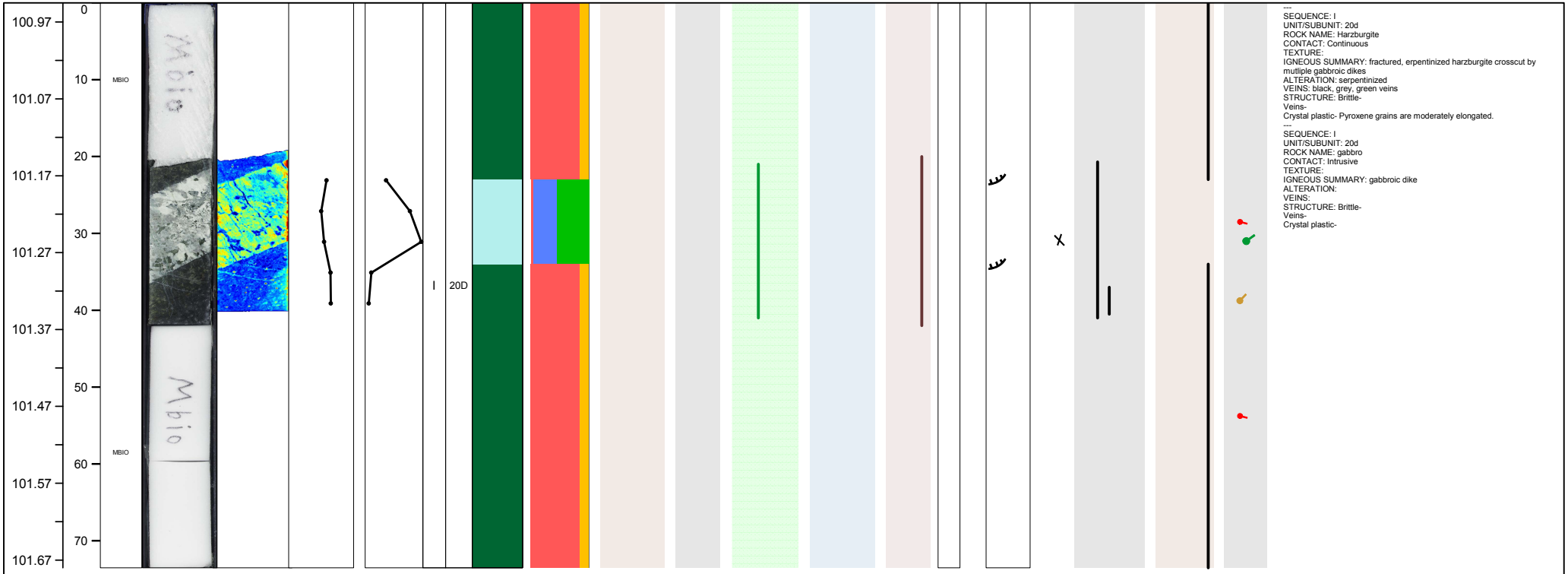
Hole BA4A-39Z Section 2, Top of Section 99.48 (m CCD)



Hole BA4A-39Z Section 3, Top of Section 100.32 (m CCD)



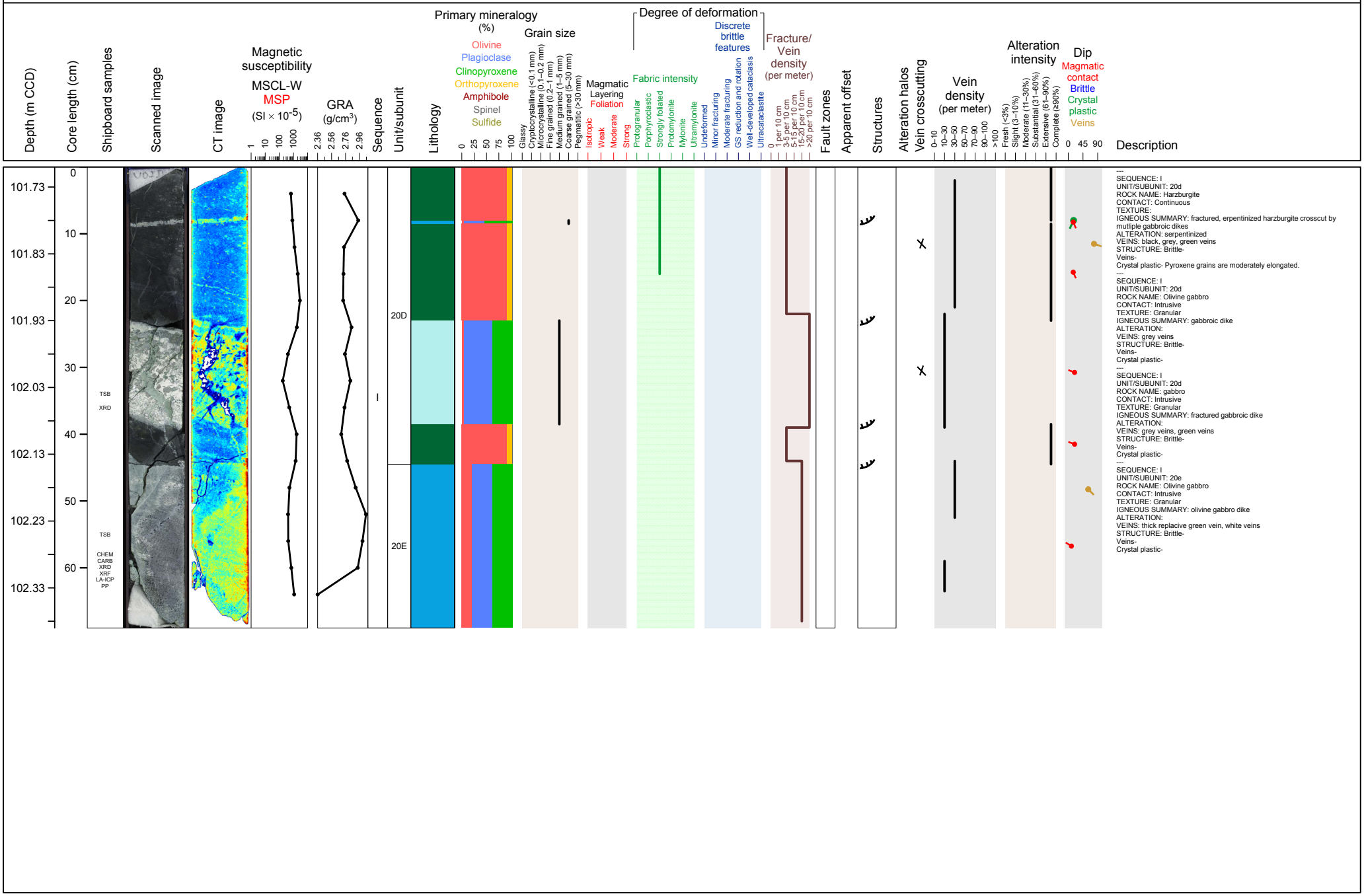
Hole BA4A-39Z Section 4, Top of Section 100.95 (m CCD)



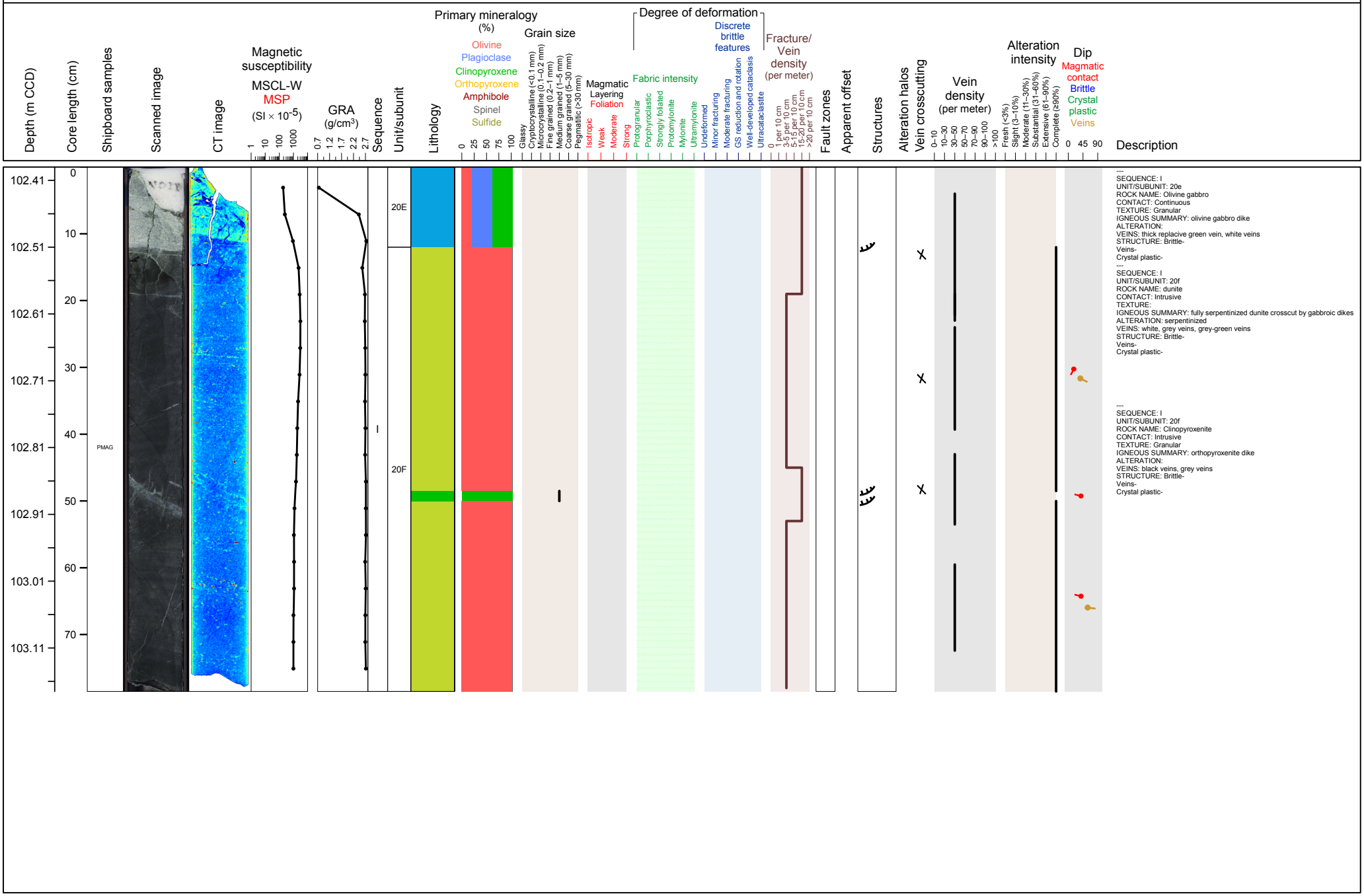
SEQUENCE: I
UNIT/SUBUNIT: 20d
ROCK NAME: Harzburgite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: fractured, erpentinized harzburgite crosscut by mutliple gabbroic dikes
ALTERATION: serpentinized
VEINS: black, grey, green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are moderately elongated.

SEQUENCE: I
UNIT/SUBUNIT: 20d
ROCK NAME: gabbro
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS:
STRUCTURE: Brittle-
Veins-
Crystal plastic-

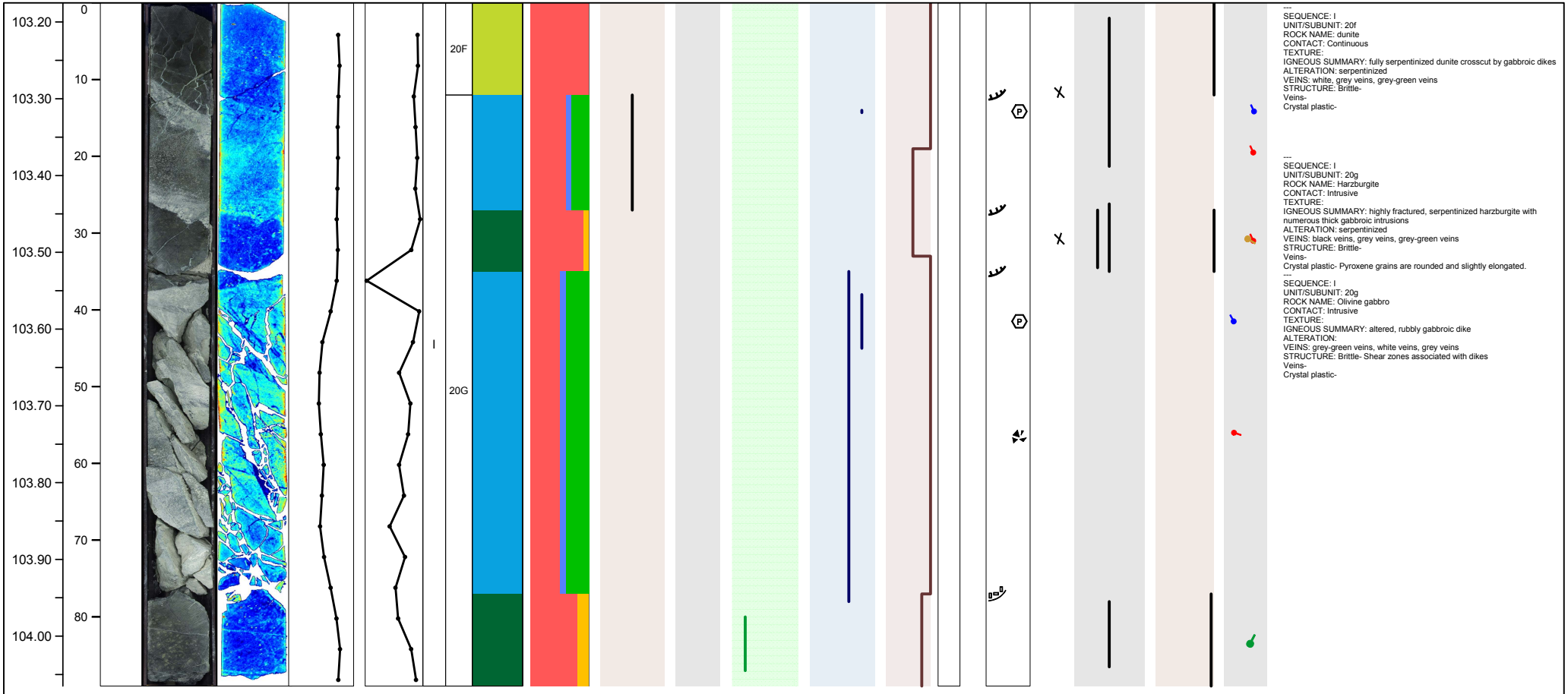
Hole BA4A-40Z Section 1, Top of Section 101.70 (m CCD)



Hole BA4A-40Z Section 2, Top of Section 102.39 (m CCD)



Hole BA4A-40Z Section 3, Top of Section 103.18 (m CCD)

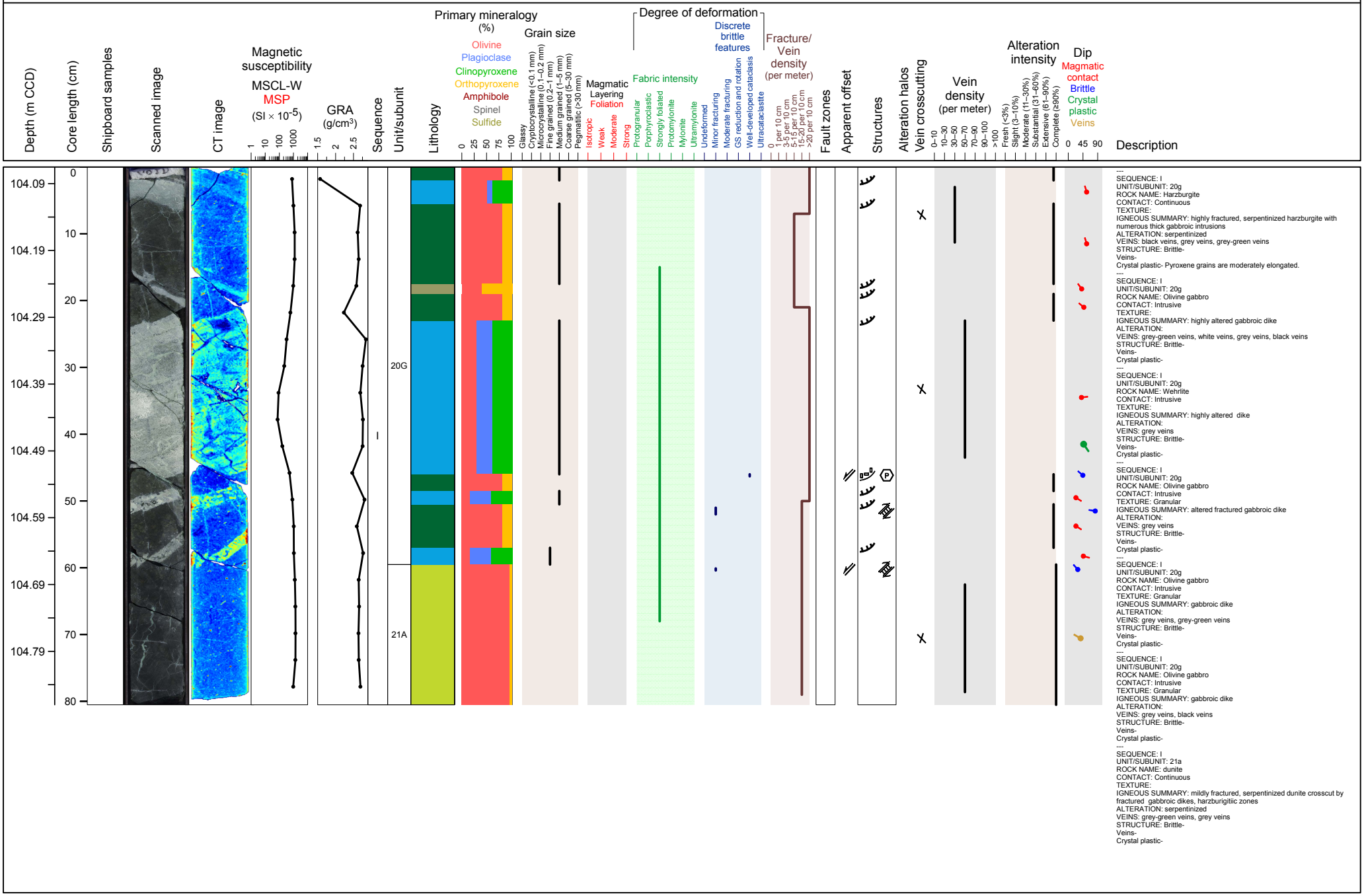


SEQUENCE: I
UNIT/SUBUNIT: 20f
ROCK NAME: dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: fully serpentinized dunite crosscut by gabbroic dikes
ALTERATION: serpentinized
VEINS: white, grey veins, grey-green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 20g
ROCK NAME: Harzburgite
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: highly fractured, serpentinized harzburgite with numerous thick gabbroic intrusions
ALTERATION: serpentinized
VEINS: black veins, grey veins, grey-green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 20g
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: altered, rubbly gabbroic dike
ALTERATION:
VEINS: grey-green veins, white veins, grey veins
STRUCTURE: Brittle- Shear zones associated with dikes
Veins-
Crystal plastic-

Hole BA4A-40Z Section 4, Top of Section 104.07 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 20g
ROCK NAME: Harzburgite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: highly fractured, serpentinized harzburgite with numerous thick gabbroic intrusions
ALTERATION: serpentinized
VEINS: black veins, grey veins, grey-green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are moderately elongated.

SEQUENCE: I
UNIT/SUBUNIT: 20g
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: highly altered gabbroic dike
ALTERATION:
VEINS: grey-green veins, white veins, grey veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 20g
ROCK NAME: Wehrlite
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: highly altered dike
ALTERATION:
VEINS: grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

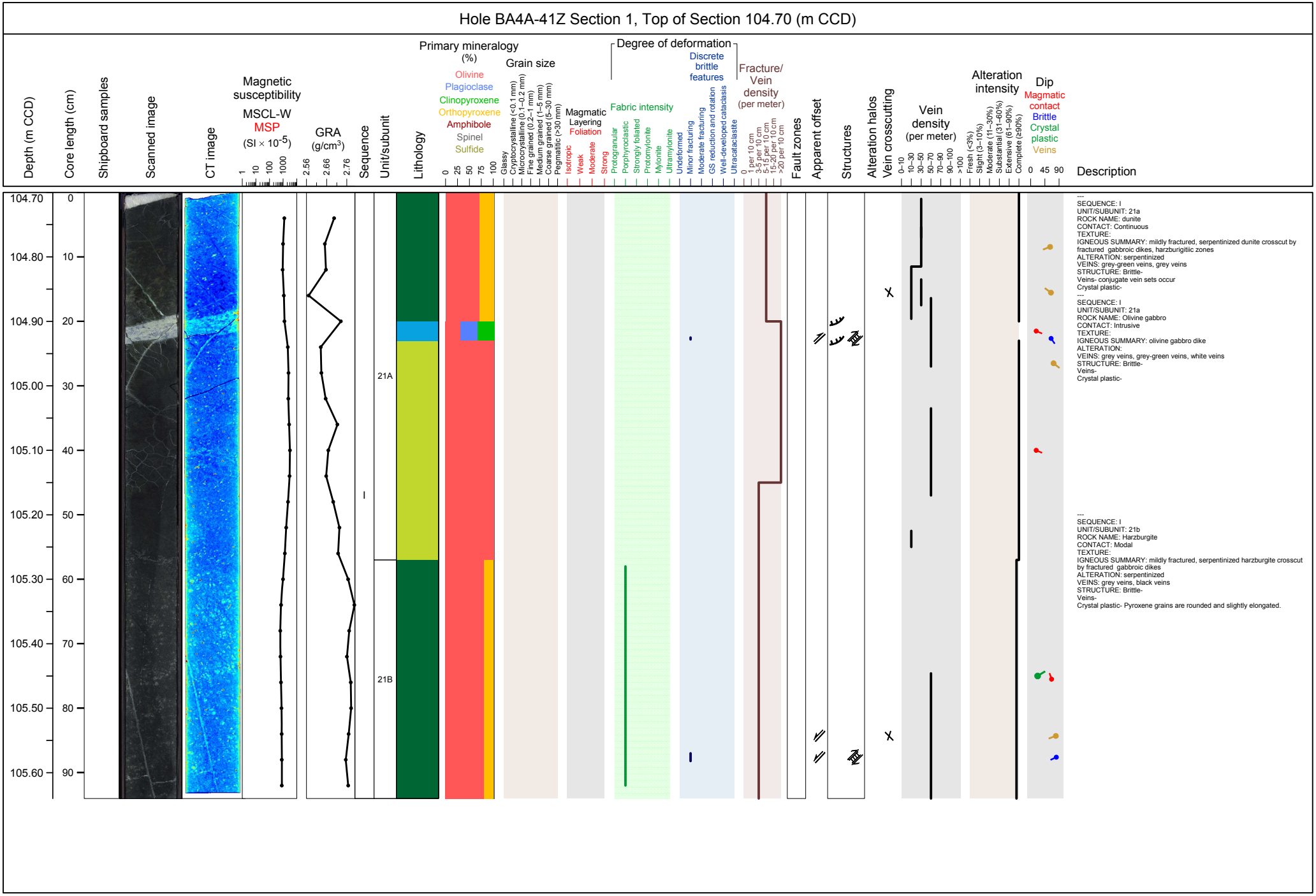
SEQUENCE: I
UNIT/SUBUNIT: 20g
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered fractured gabbroic dike
ALTERATION:
VEINS: grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 20g
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS: grey veins, grey-green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 20g
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS: grey veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 21a
ROCK NAME: dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: mildly fractured, serpentinized dunite crosscut by fractured gabbroic dikes, harzburgitiic zones
ALTERATION: serpentinized
VEINS: grey-green veins, grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-41Z Section 1, Top of Section 104.70 (m CCD)

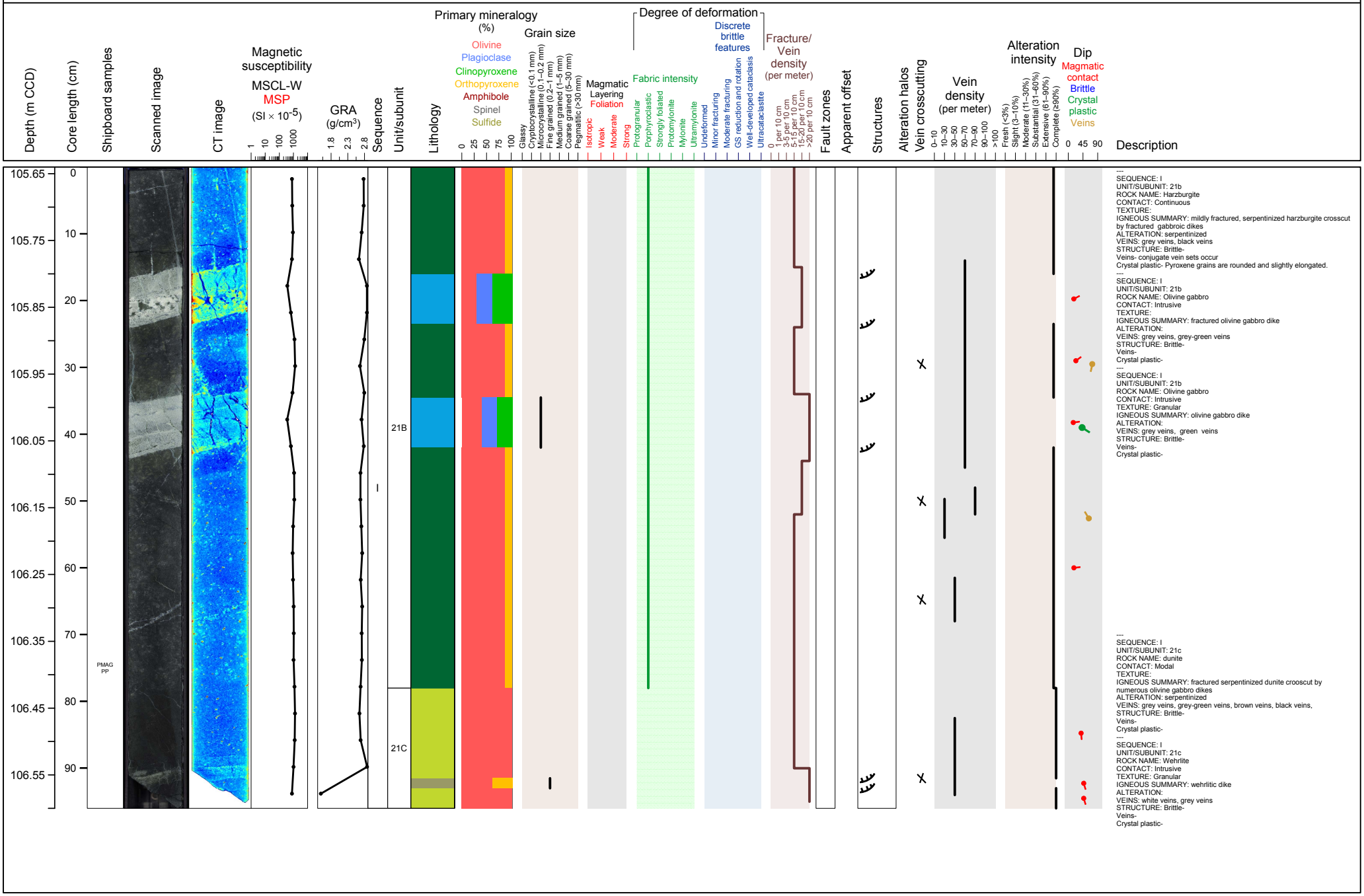


SEQUENCE: I
UNIT/SUBUNIT: 21a
ROCK NAME: dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: mildly fractured, serpentinized dunite crosscut by fractured gabbroic dikes, harzburigitiic zones
ALTERATION: serpentinized
VEINS: grey-green veins, grey veins
STRUCTURE: Brittle-
Veins- conjugate vein sets occur
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 21a
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: olivine gabbro dike
ALTERATION:
VEINS: grey veins, grey-green veins, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 21b
ROCK NAME: Harzburgite
CONTACT: Modal
TEXTURE:
IGNEOUS SUMMARY: mildly fractured, serpentinized harzburgite crosscut by fractured gabbroic dikes
ALTERATION: serpentinized
VEINS: grey veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

Hole BA4A-41Z Section 2, Top of Section 105.64 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 21b
ROCK NAME: Harzburgite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: mildly fractured, serpentinized harzburgite crosscut by fractured gabbroic dikes
ALTERATION: serpentinized
VEINS: grey veins, black veins
STRUCTURE: Brittle-
Veins- conjugate vein sets occur
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

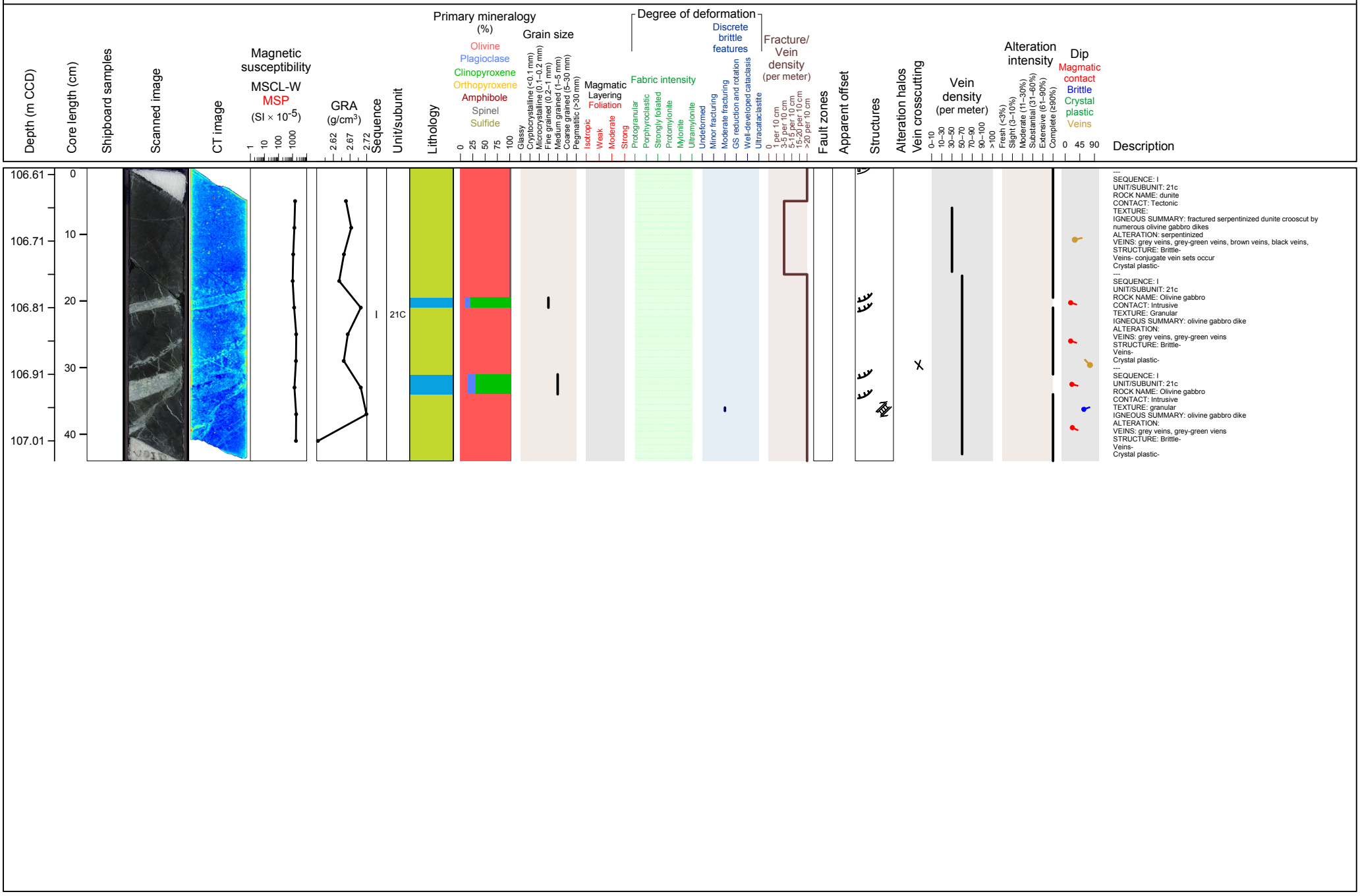
SEQUENCE: I
UNIT/SUBUNIT: 21b
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: fractured olivine gabbro dike
ALTERATION:
VEINS: grey veins, grey-green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 21b
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: olivine gabbro dike
ALTERATION:
VEINS: grey veins, green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

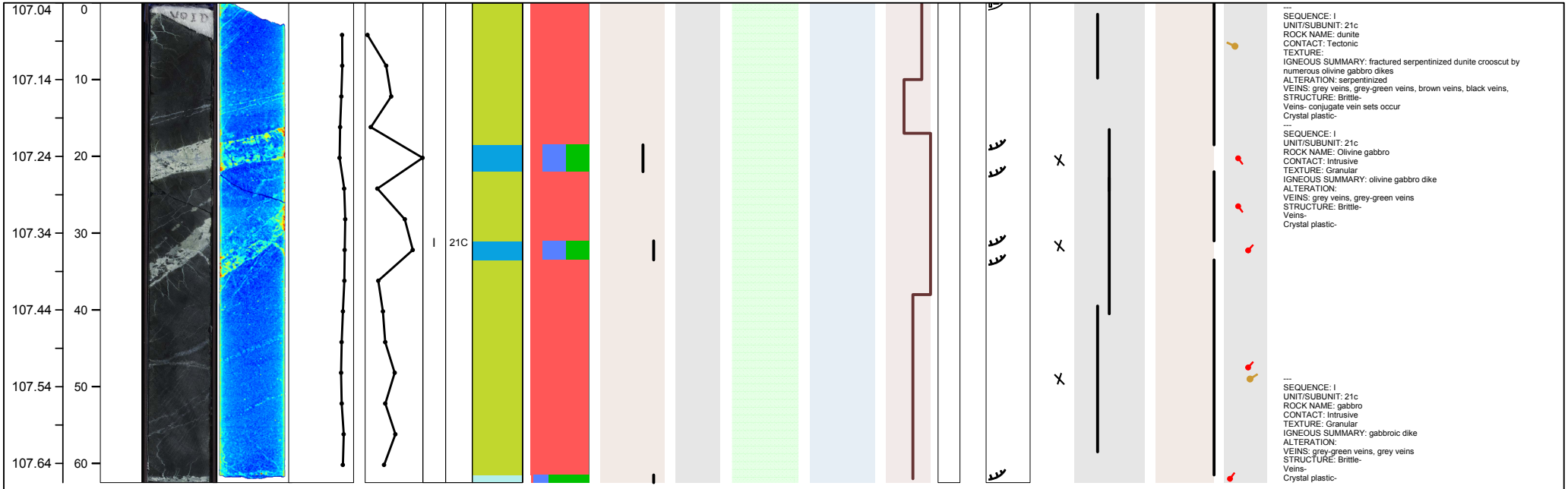
SEQUENCE: I
UNIT/SUBUNIT: 21c
ROCK NAME: dunite
CONTACT: Modal
TEXTURE:
IGNEOUS SUMMARY: fractured serpentinized dunite crosscut by numerous olivine gabbro dikes
ALTERATION: serpentinized
VEINS: grey veins, grey-green veins, brown veins, black veins,
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 21c
ROCK NAME: Wehrlite
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: wehrlitic dike
ALTERATION:
VEINS: white veins, grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

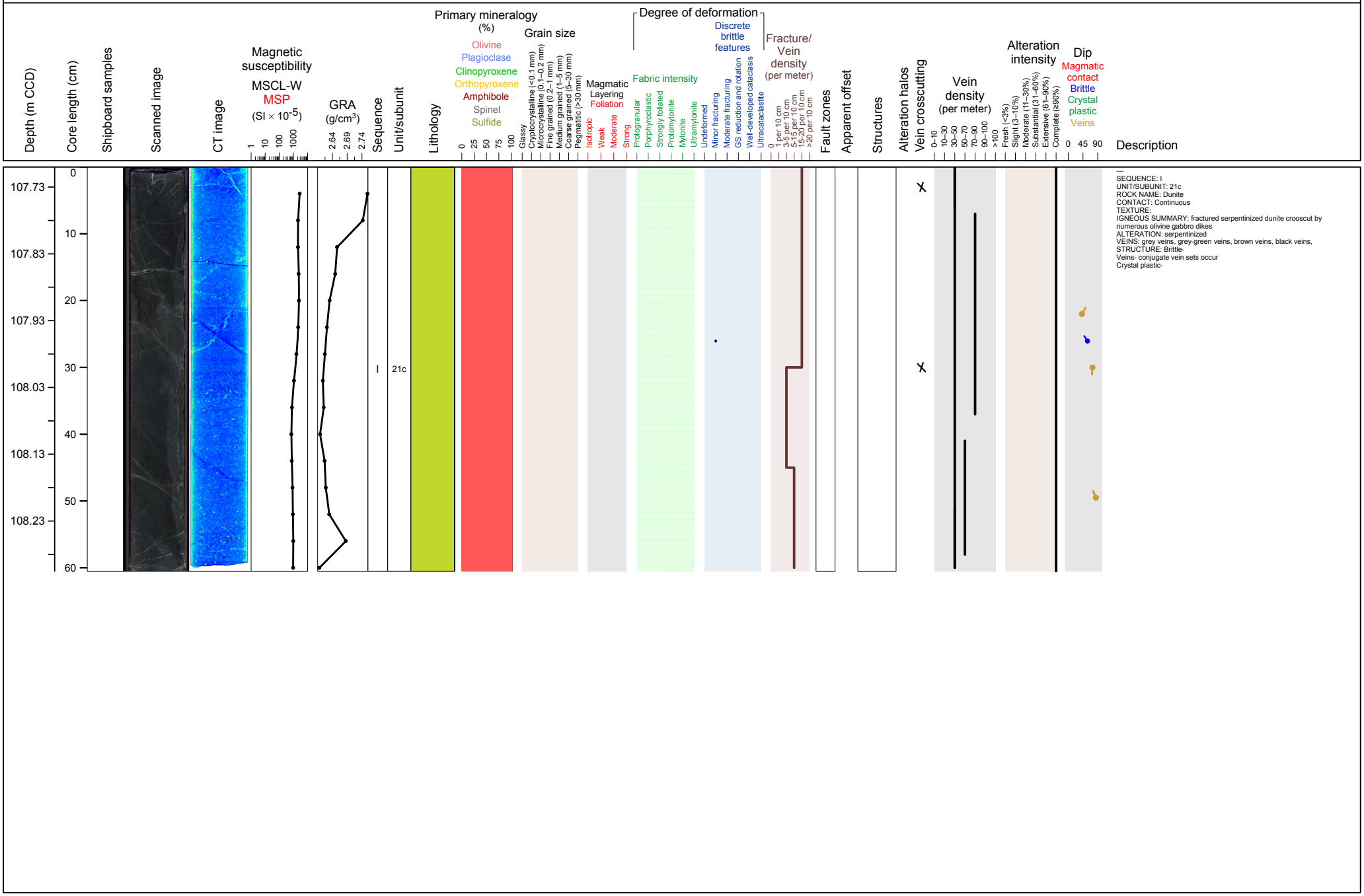
Hole BA4A-41Z Section 3, Top of Section 106.60 (m CCD)



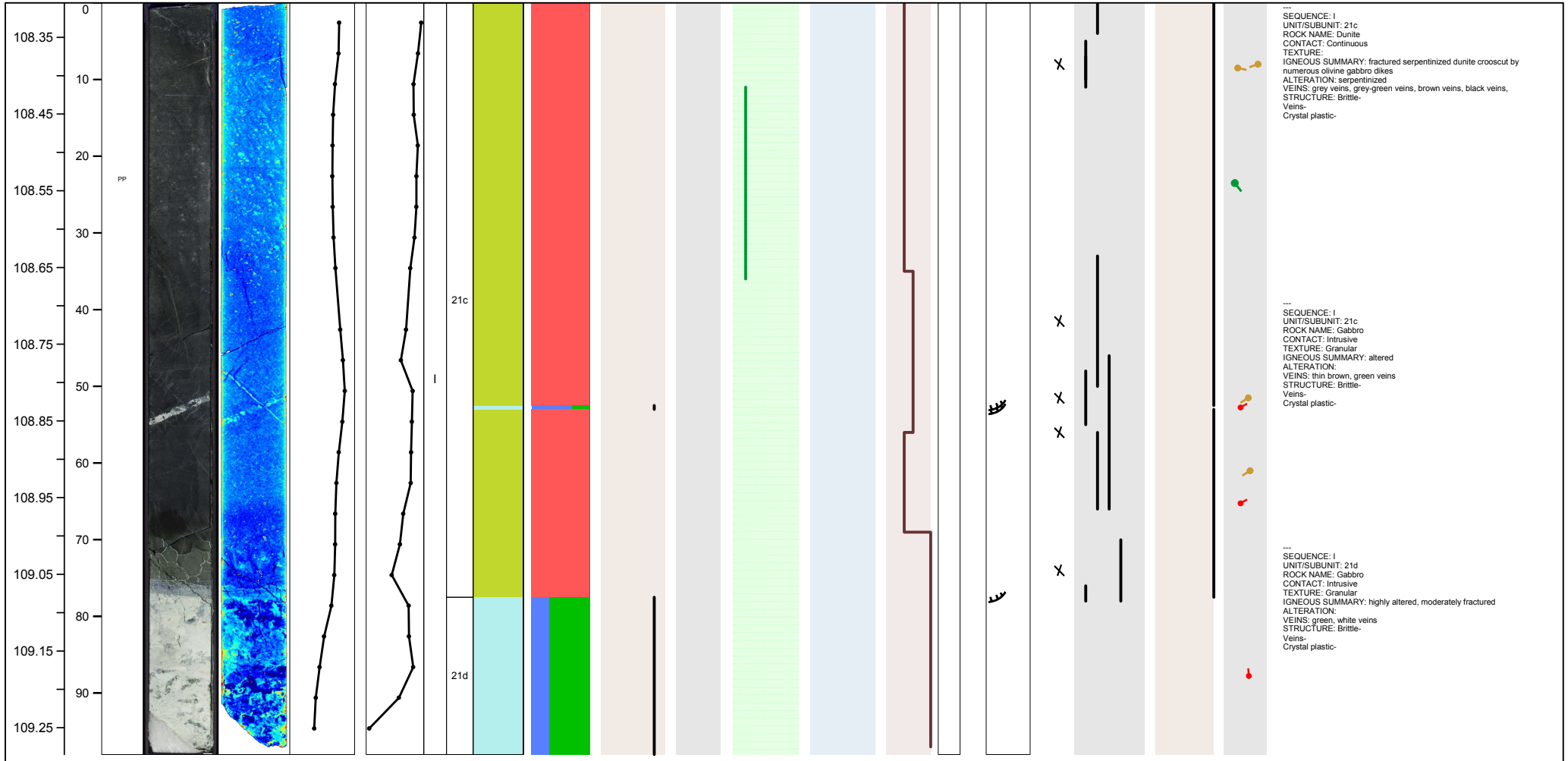
Hole BA4A-41Z Section 4, Top of Section 107.04 (m CCD)



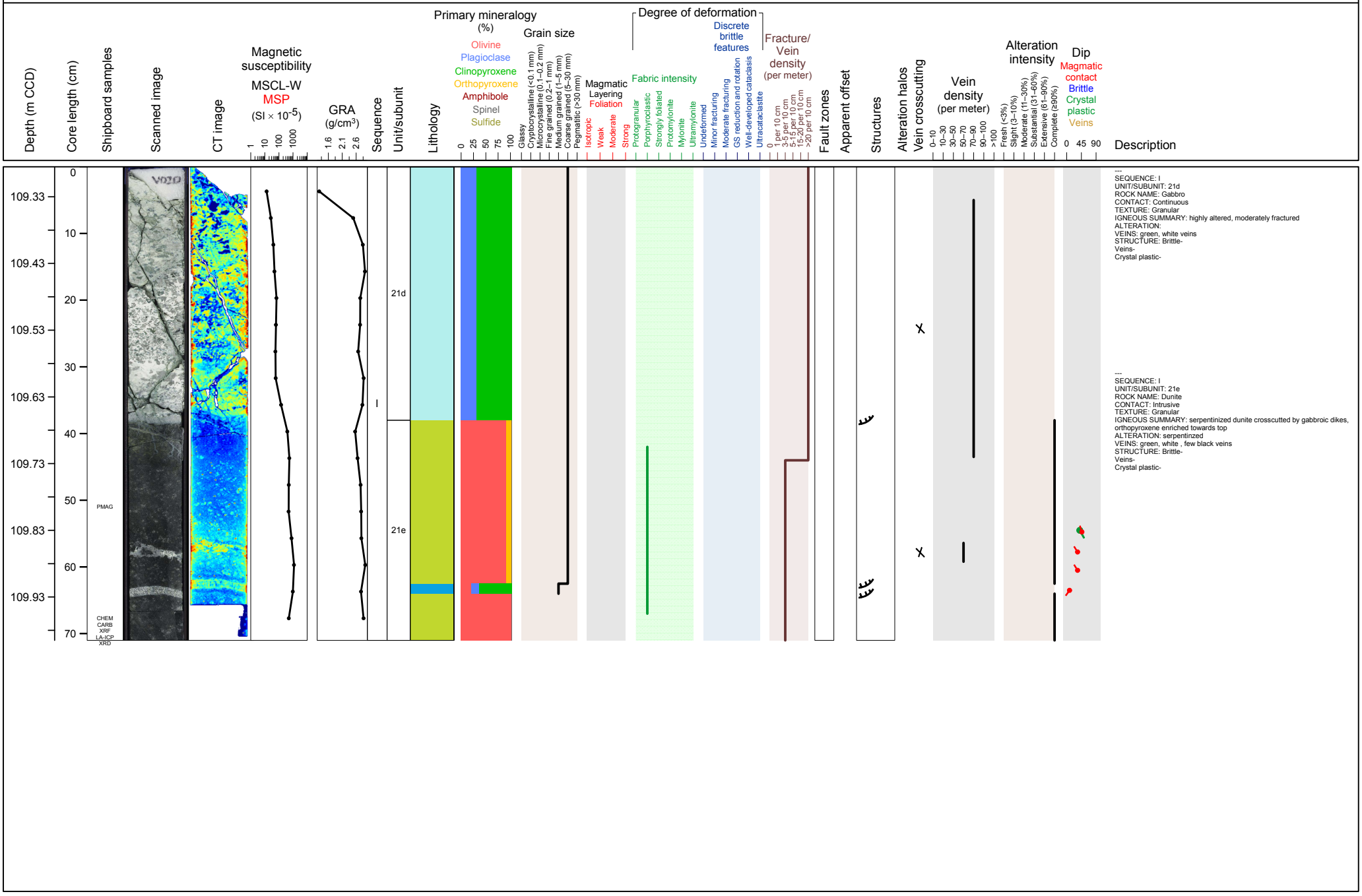
Hole BA4A-42Z Section 1, Top of Section 107.70 (m CCD)



Hole BA4A-42Z Section 2, Top of Section 108.31 (m CCD)



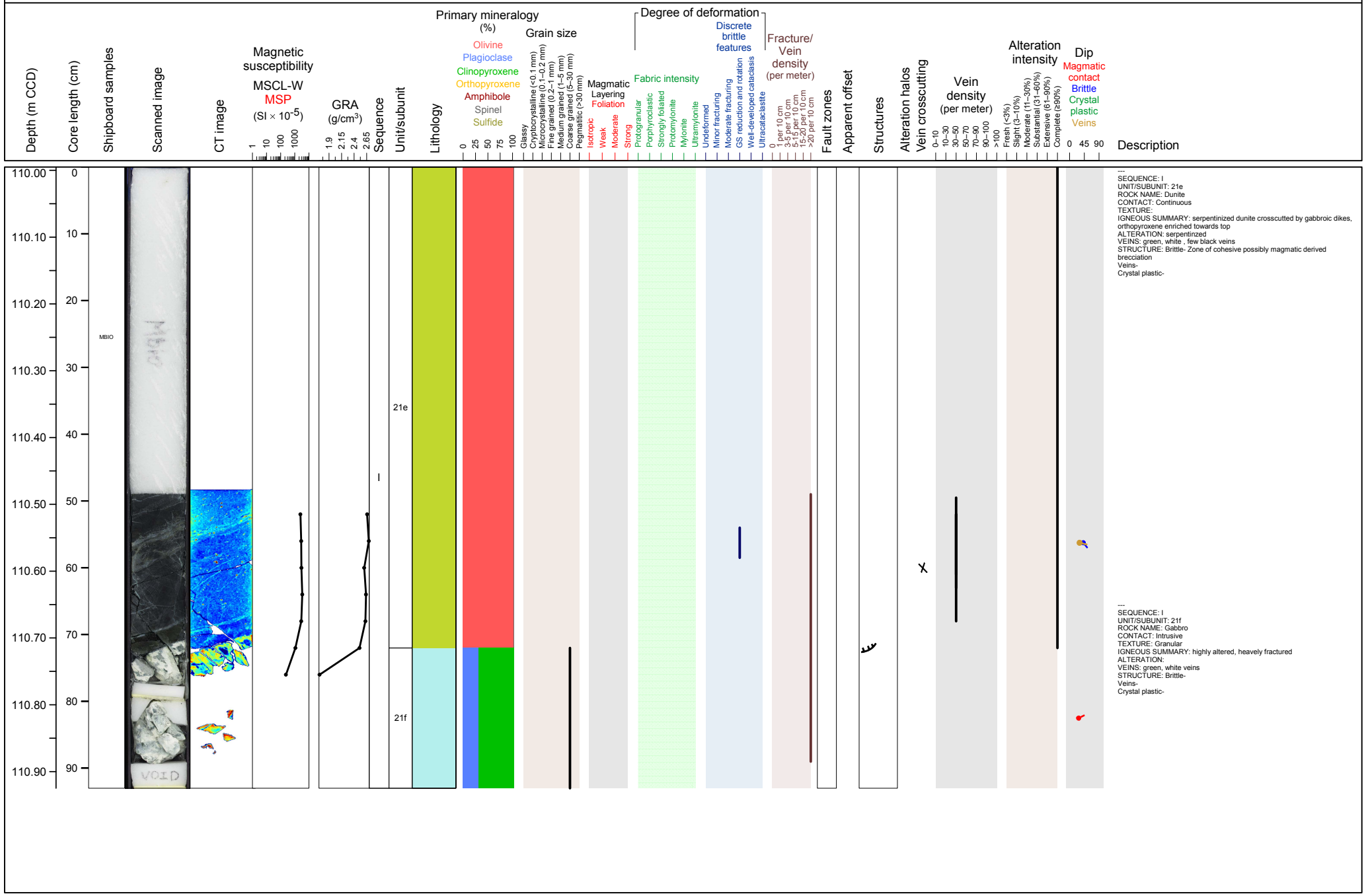
Hole BA4A-42Z Section 3, Top of Section 109.29 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 21d
ROCK NAME: Gabbro
CONTACT: Continuous
TEXTURE: Granular
IGNEOUS SUMMARY: highly altered, moderately fractured
ALTERATION:
VEINS: green, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 21e
ROCK NAME: Dunite
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinized dunite crosscutted by gabbroic dikes, orthopyroxene enriched towards top
ALTERATION: serpentinzed
VEINS: green, white , few black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

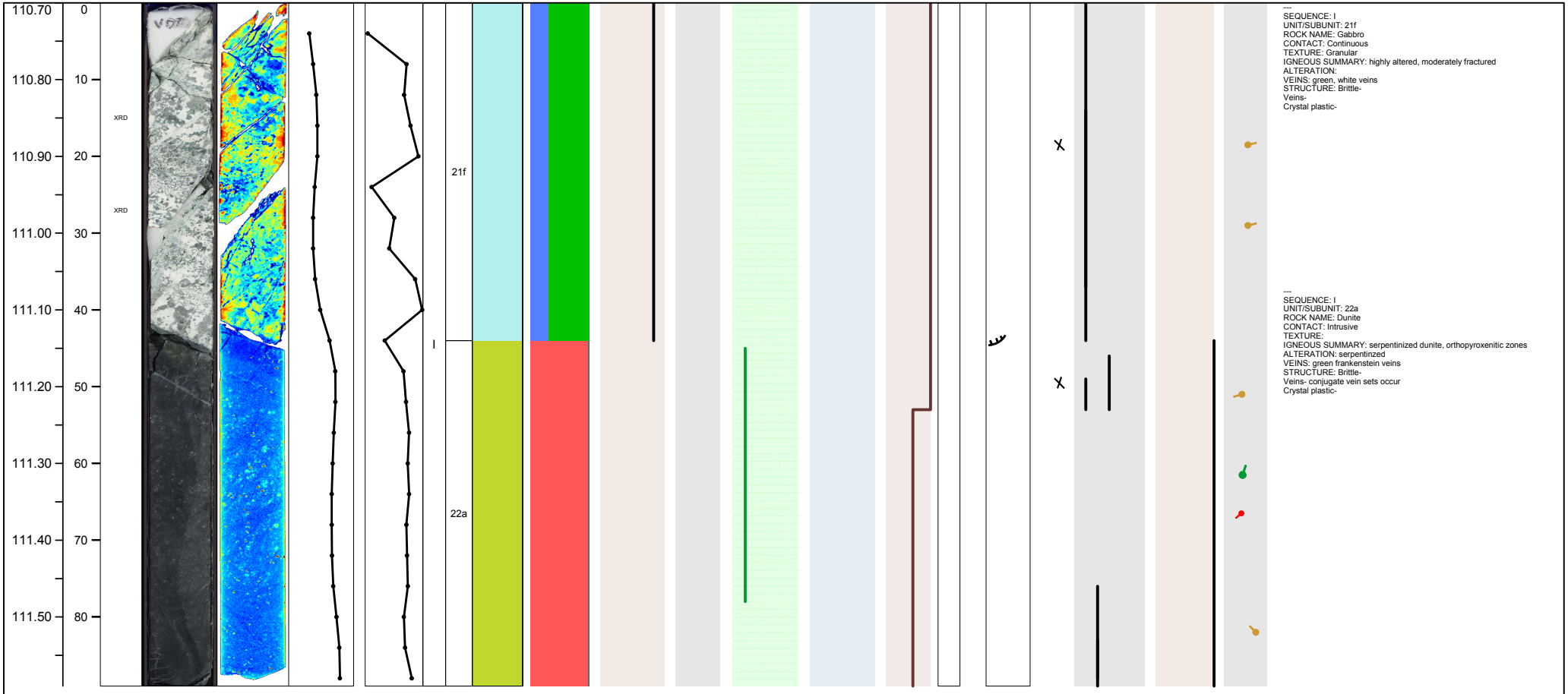
Hole BA4A-42Z Section 4, Top of Section 110.00 (m CCD)



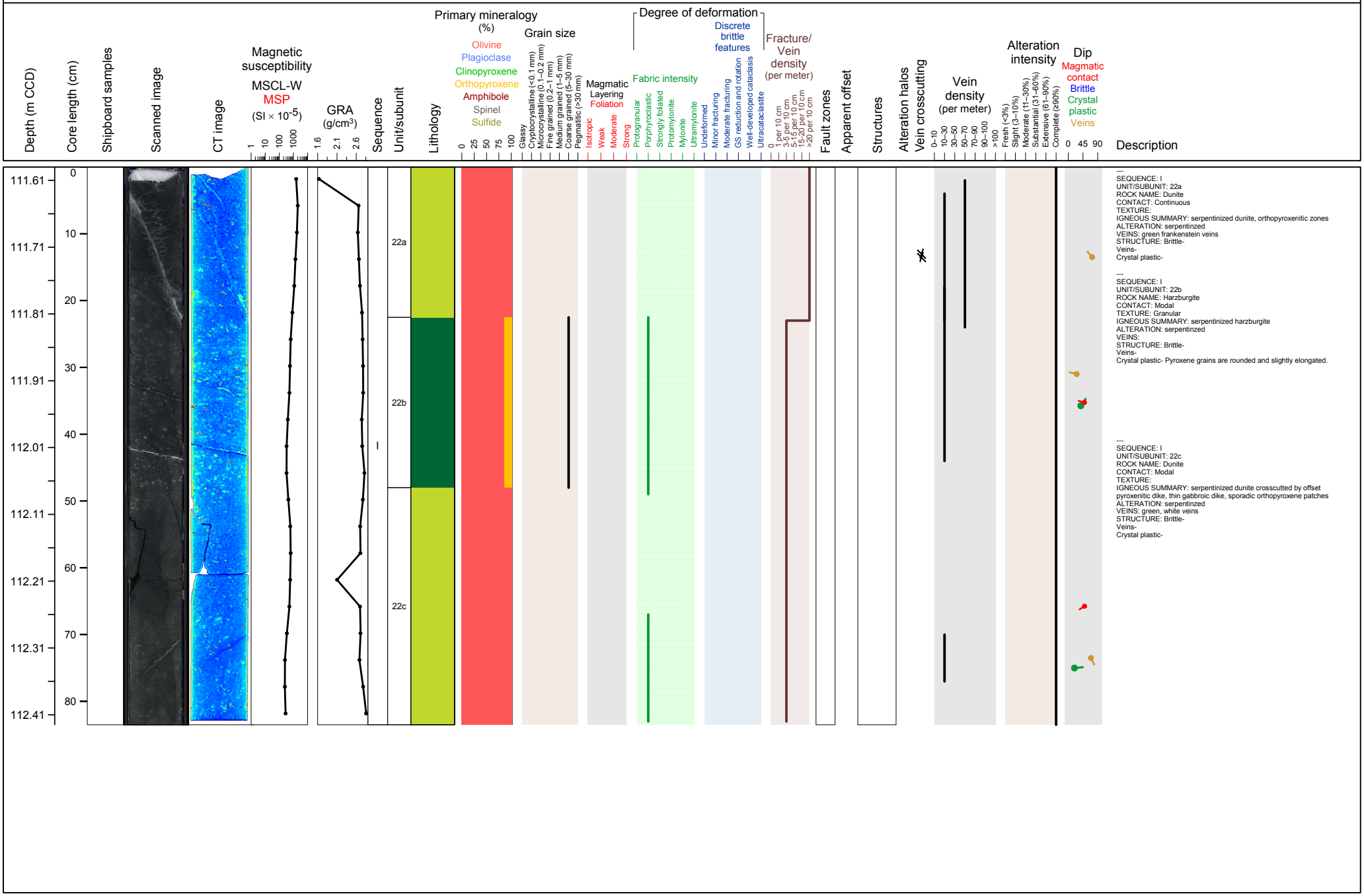
SEQUENCE: I
UNIT/SUBUNIT: 21e
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite crosscutted by gabbroic dikes, orthopyroxene enriched towards top
ALTERATION: serpentinzed
VEINS: green, white , few black veins
STRUCTURE: Brittle- Zone of cohesive possibly magmatic derived brecciation
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 21f
ROCK NAME: Gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: highly altered, heavely fractured
ALTERATION:
VEINS: green, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-43Z Section 1, Top of Section 110.70 (m CCD)



Hole BA4A-43Z Section 2, Top of Section 111.59 (m CCD)

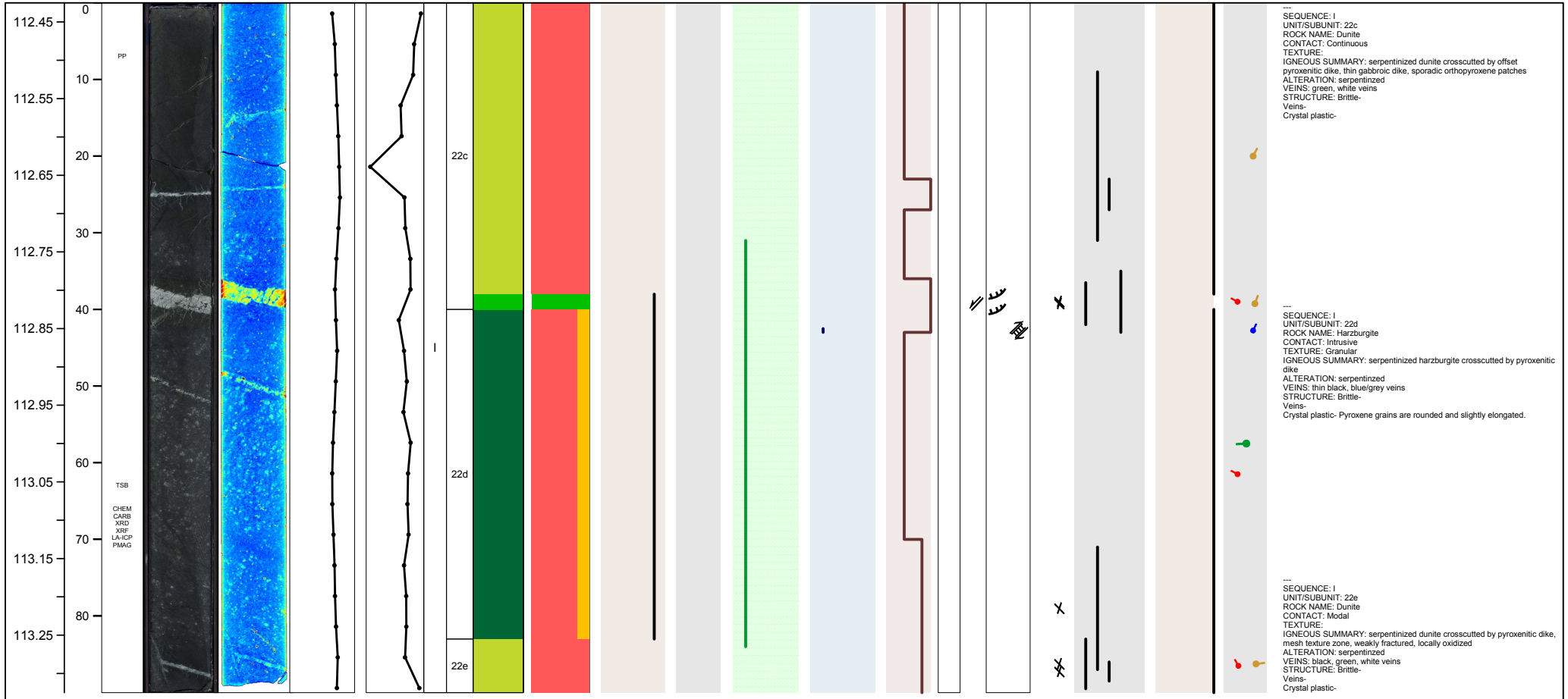


SEQUENCE: I
UNIT/SUBUNIT: 22a
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite, orthopyroxenitic zones
ALTERATION: serpentinzed
VEINS: green frankenstein veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 22b
ROCK NAME: Harzburgite
CONTACT: Modal
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinized harzburgite
ALTERATION: serpentinzed
VEINS:
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 22c
ROCK NAME: Dunite
CONTACT: Modal
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite crosscutted by offset pyroxenitic dike, thin gabbroic dike, sporadic orthopyroxene patches
ALTERATION: serpentinzed
VEINS: green, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-43Z Section 3, Top of Section 112.43 (m CCD)

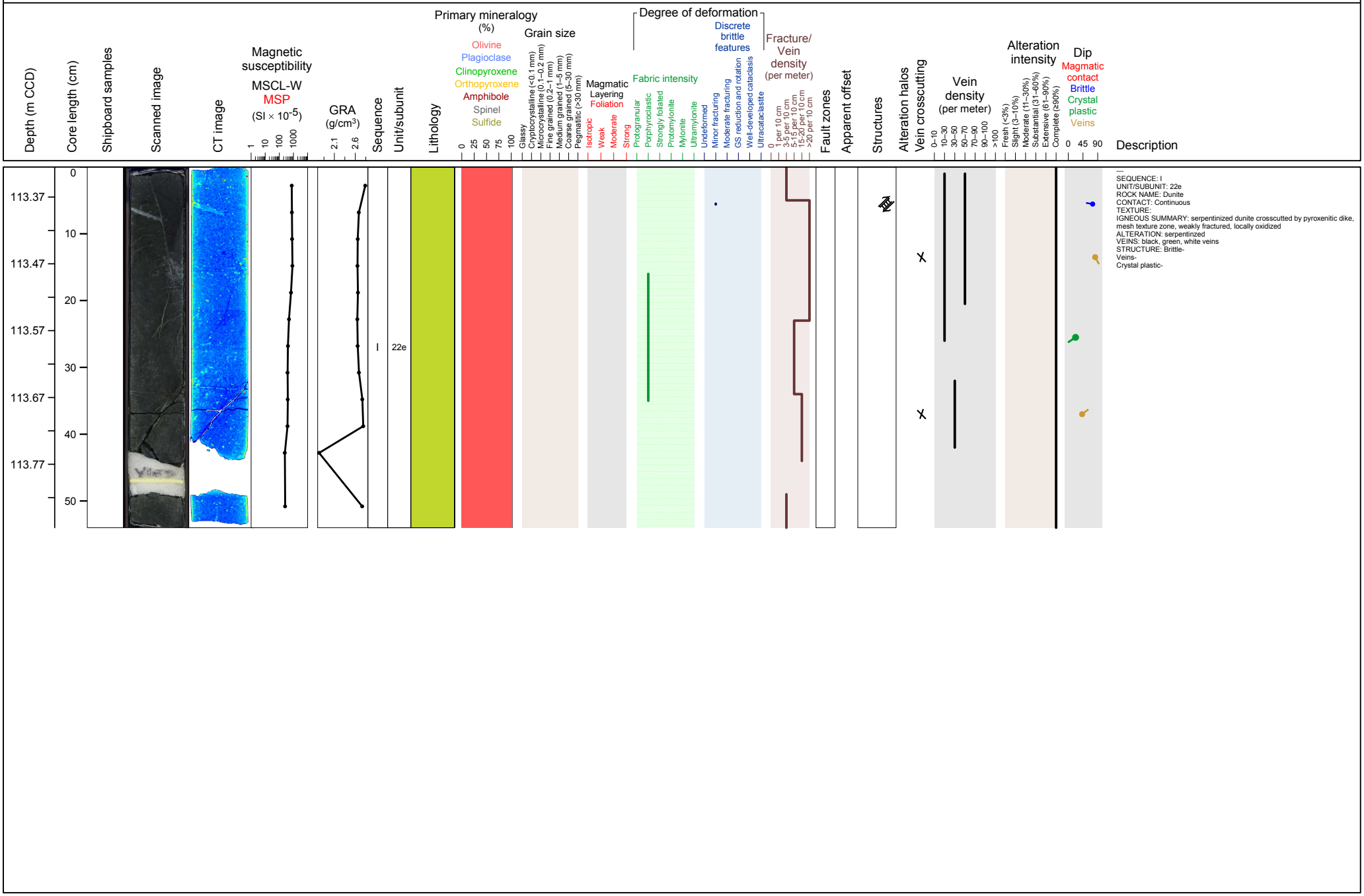


SEQUENCE: I
UNIT/SUBUNIT: 22c
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite crosscutted by offset pyroxenitic dike, thin gabbroic dike, sporadic orthopyroxene patches
ALTERATION: serpentinzed
VEINS: green, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

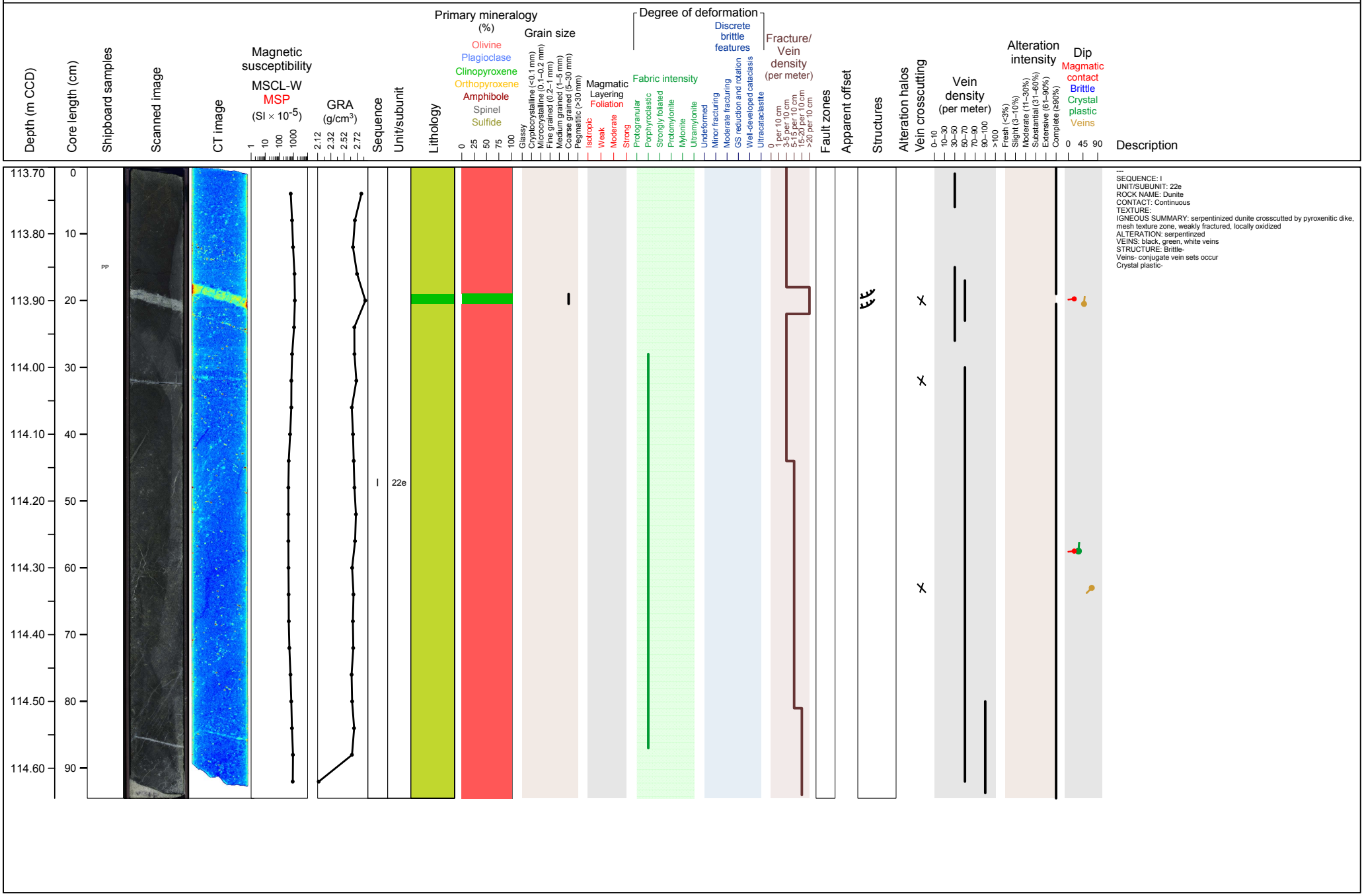
SEQUENCE: I
UNIT/SUBUNIT: 22d
ROCK NAME: Harzburgite
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinized harzburgite crosscutted by pyroxenitic dike
ALTERATION: serpentinzed
VEINS: thin black, blue/grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 22e
ROCK NAME: Dunite
CONTACT: Modal
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite crosscutted by pyroxenitic dike, mesh texture zone, weakly fractured, locally oxidized
ALTERATION: serpentinzed
VEINS: black, green, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

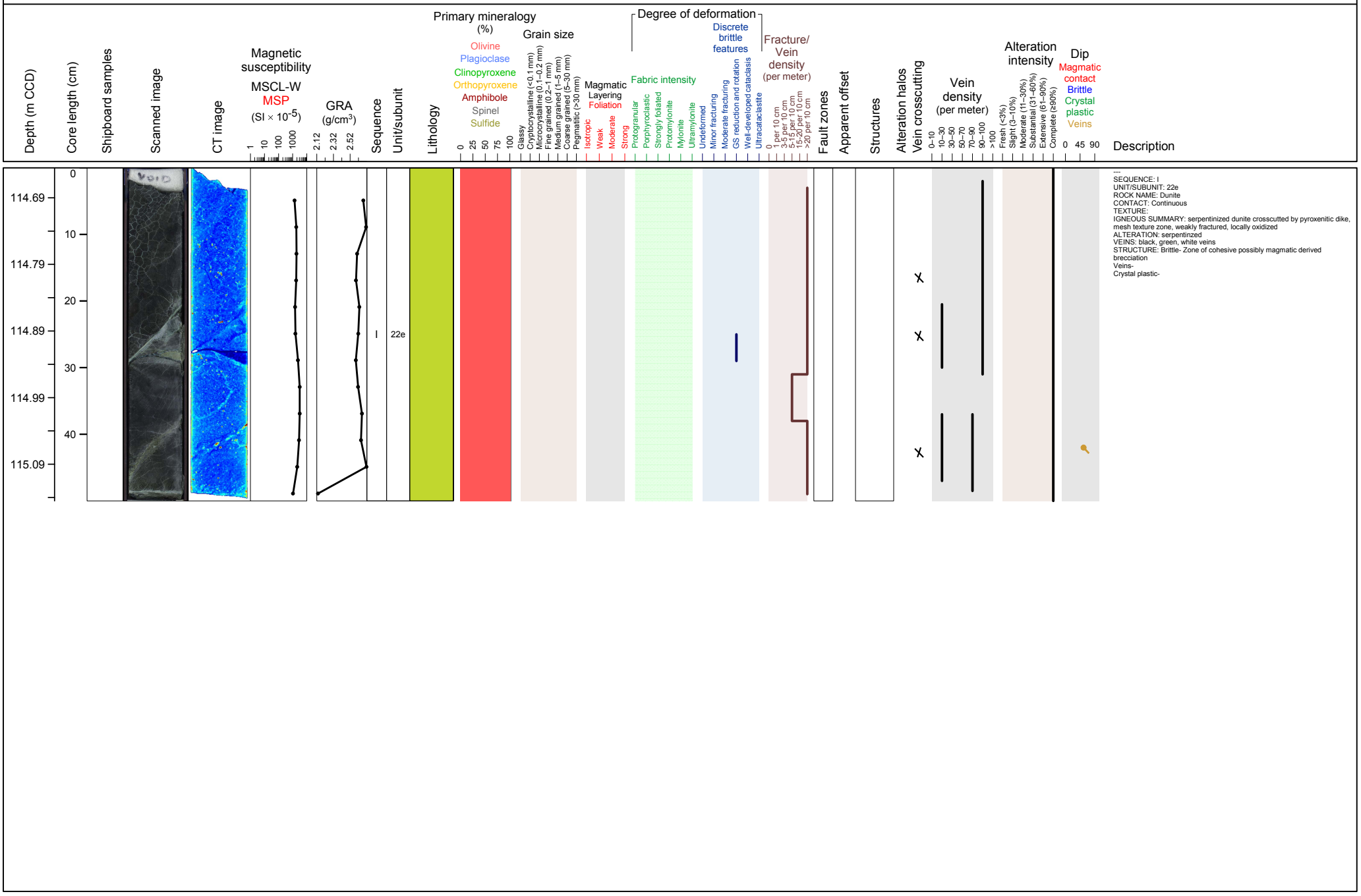
Hole BA4A-43Z Section 4, Top of Section 113.33 (m CCD)



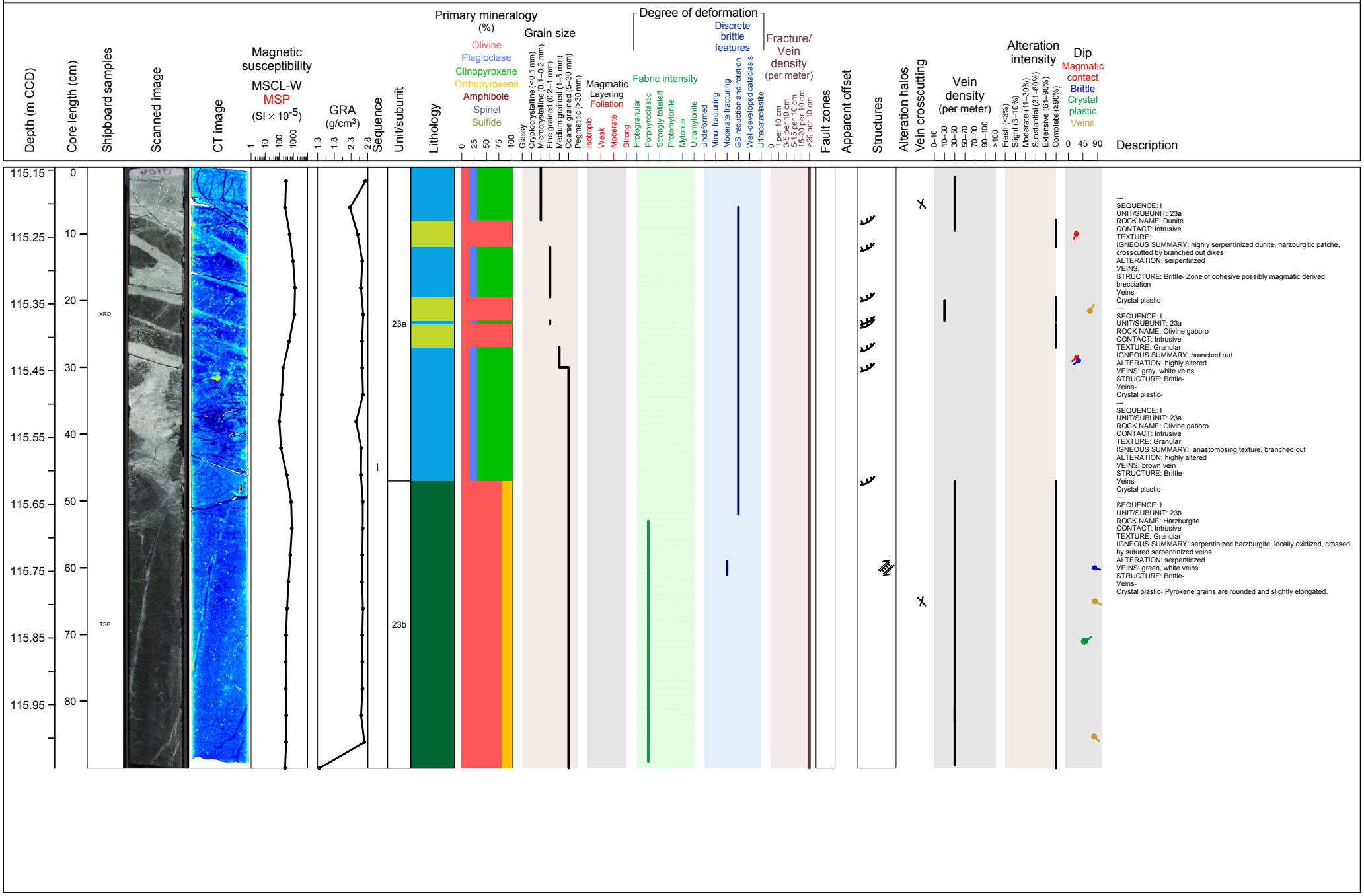
Hole BA4A-44Z Section 1, Top of Section 113.70 (m CCD)



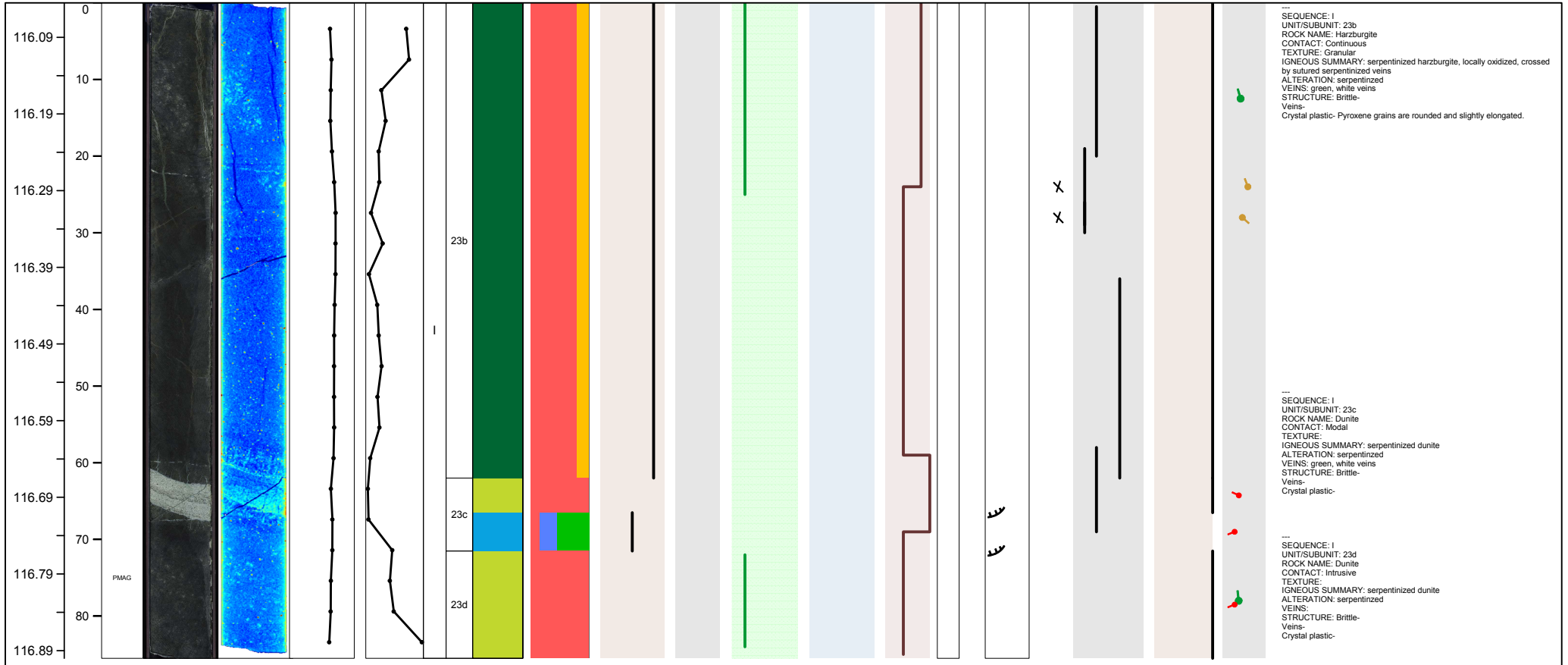
Hole BA4A-44Z Section 2, Top of Section 114.65 (m CCD)



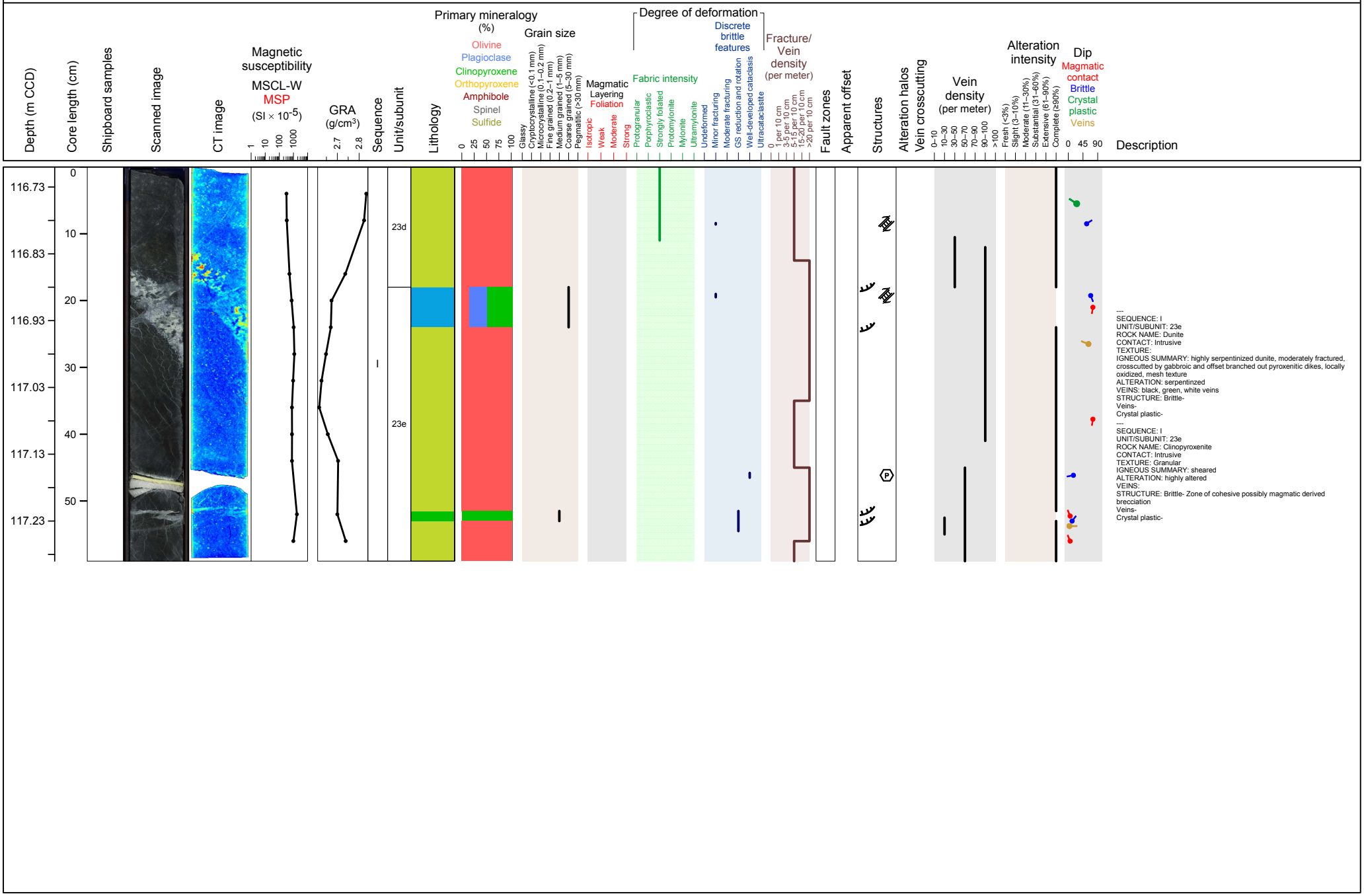
Hole BA4A-44Z Section 3, Top of Section 115.15 (m CCD)



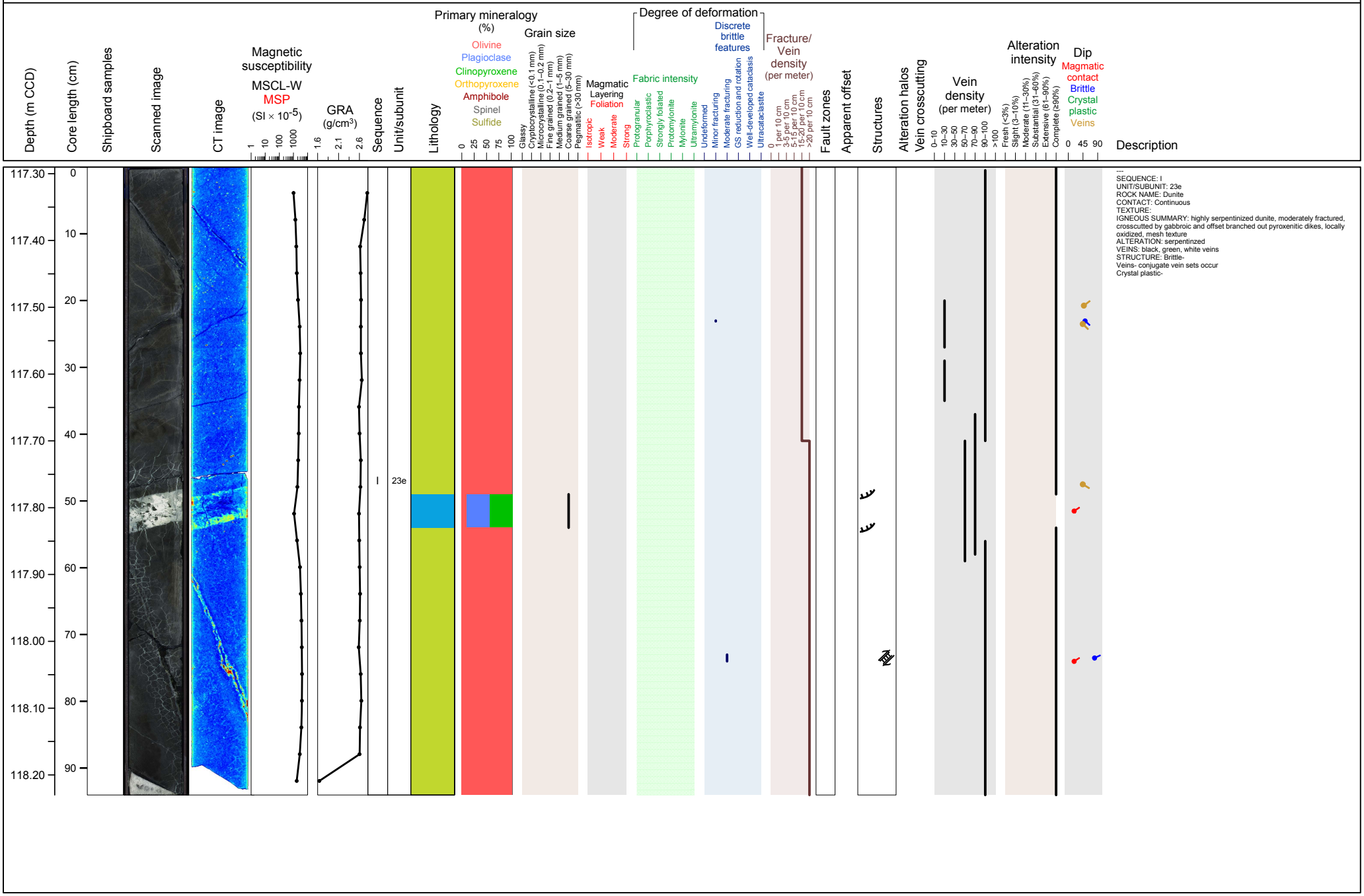
Hole BA4A-44Z Section 4, Top of Section 116.05 (m CCD)



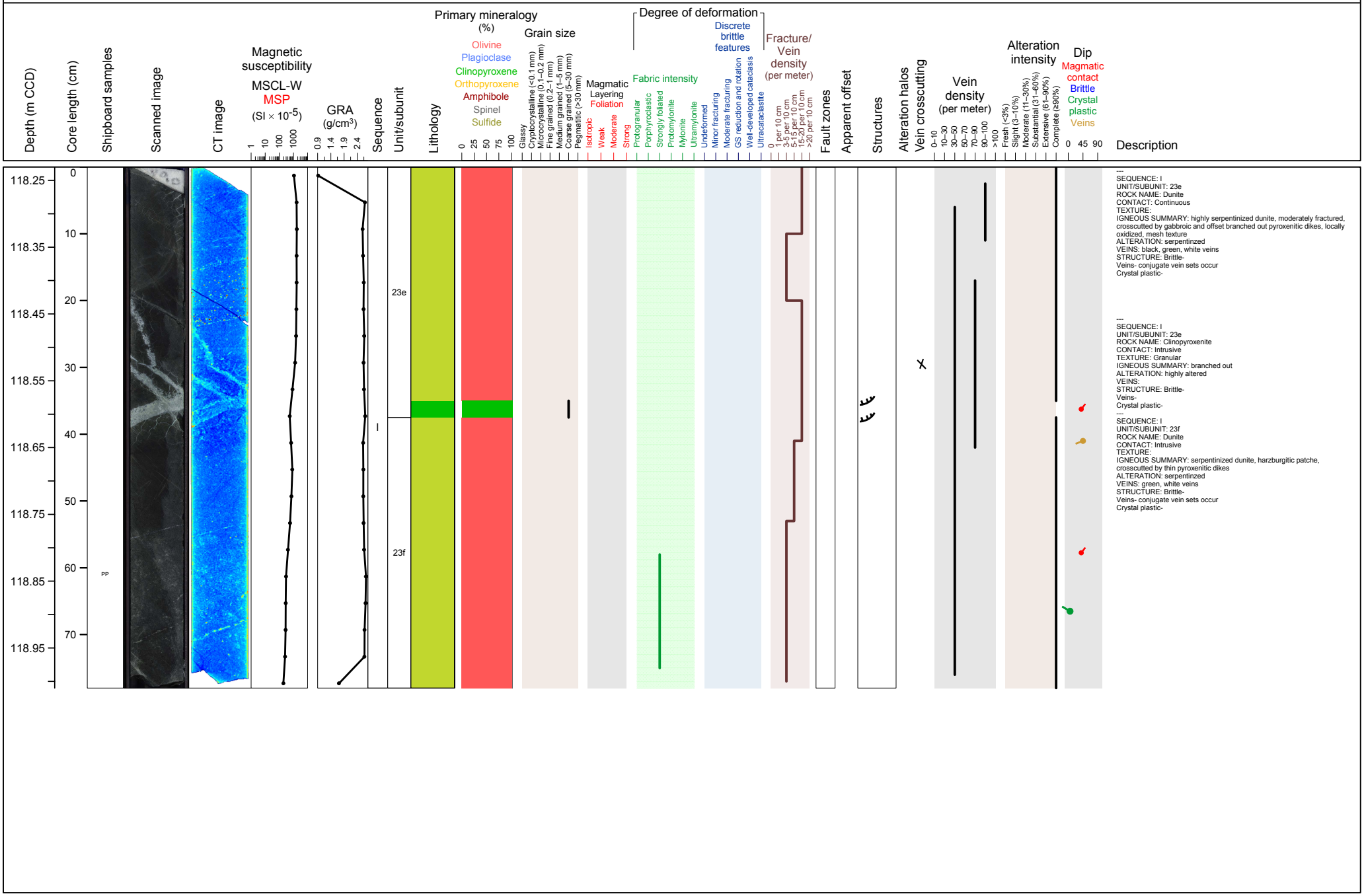
Hole BA4A-45Z Section 1, Top of Section 116.70 (m CCD)



Hole BA4A-45Z Section 2, Top of Section 117.29 (m CCD)



Hole BA4A-45Z Section 3, Top of Section 118.23 (m CCD)

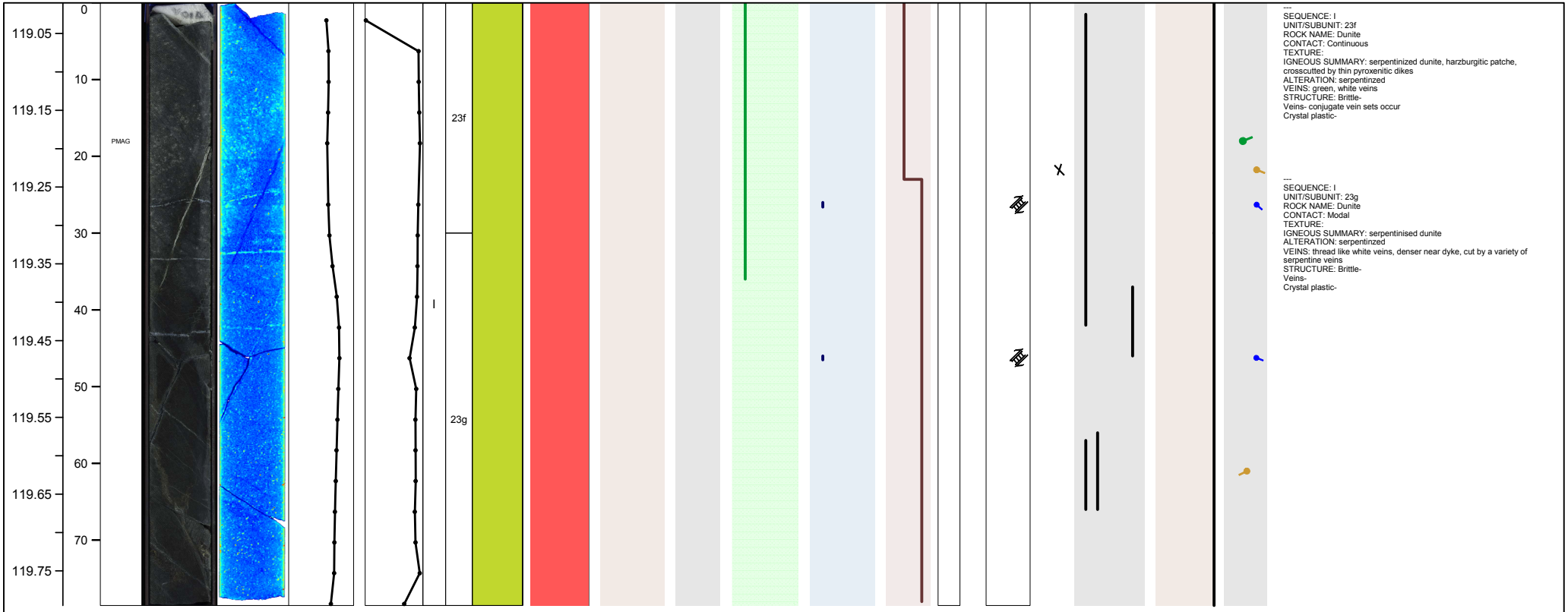


SEQUENCE: I
UNIT/SUBUNIT: 23e
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: highly serpentinized dunite, moderately fractured, crosscutted by gabbroic and offset branched out pyroxenitic dikes, locally oxidized, mesh texture
ALTERATION: serpentinzed
VEINS: black, green, white veins
STRUCTURE: Brittle-
Veins- conjugate vein sets occur
Crystal plastic-

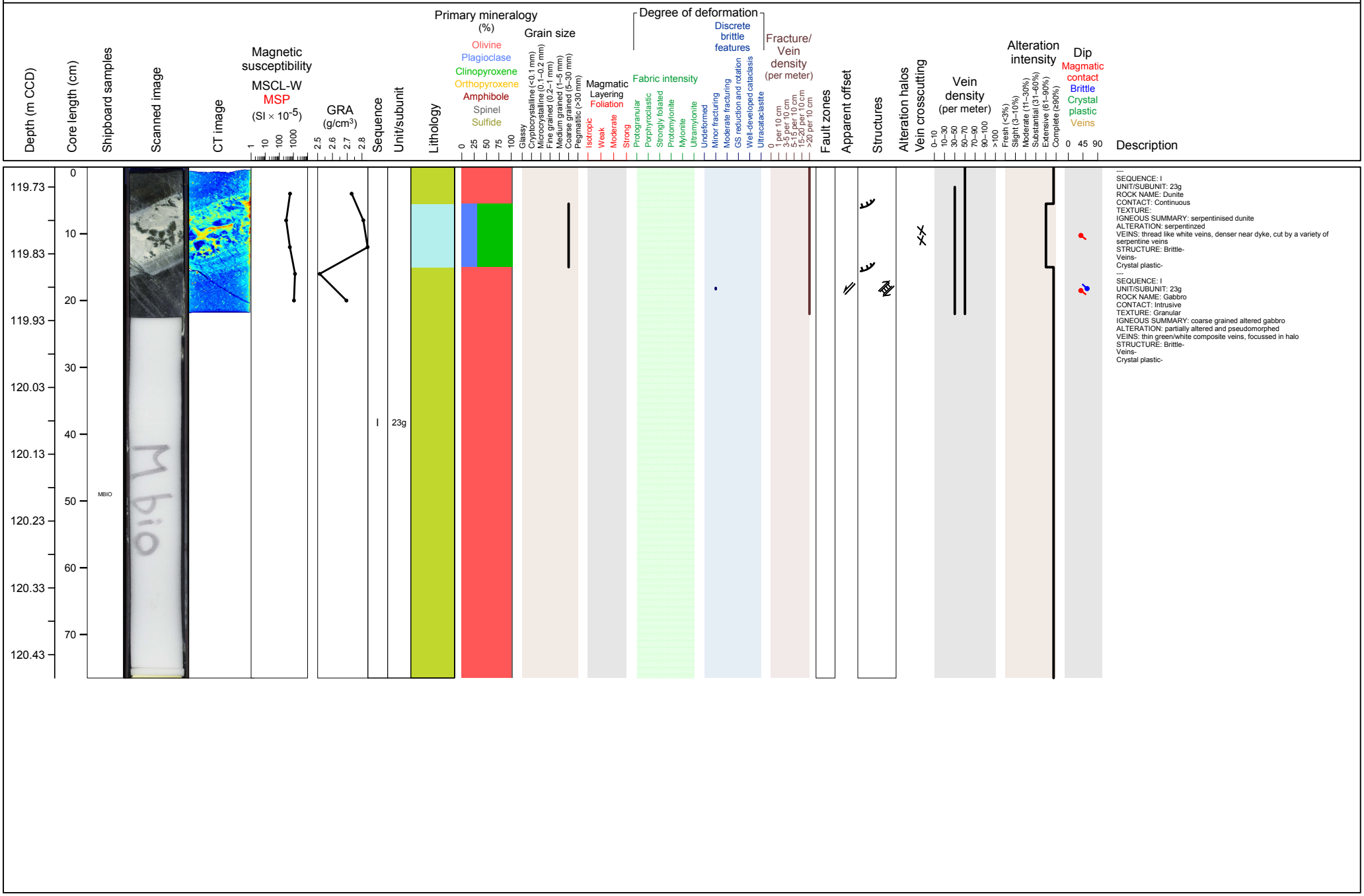
SEQUENCE: I
UNIT/SUBUNIT: 23e
ROCK NAME: Clinopyroxenite
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: branched out
ALTERATION: highly altered
VEINS:
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 23f
ROCK NAME: Dunite
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite, harzburgitic patche, crosscutted by thin pyroxenitic dikes
ALTERATION: serpentinzed
VEINS: green, white veins
STRUCTURE: Brittle-
Veins- conjugate vein sets occur
Crystal plastic-

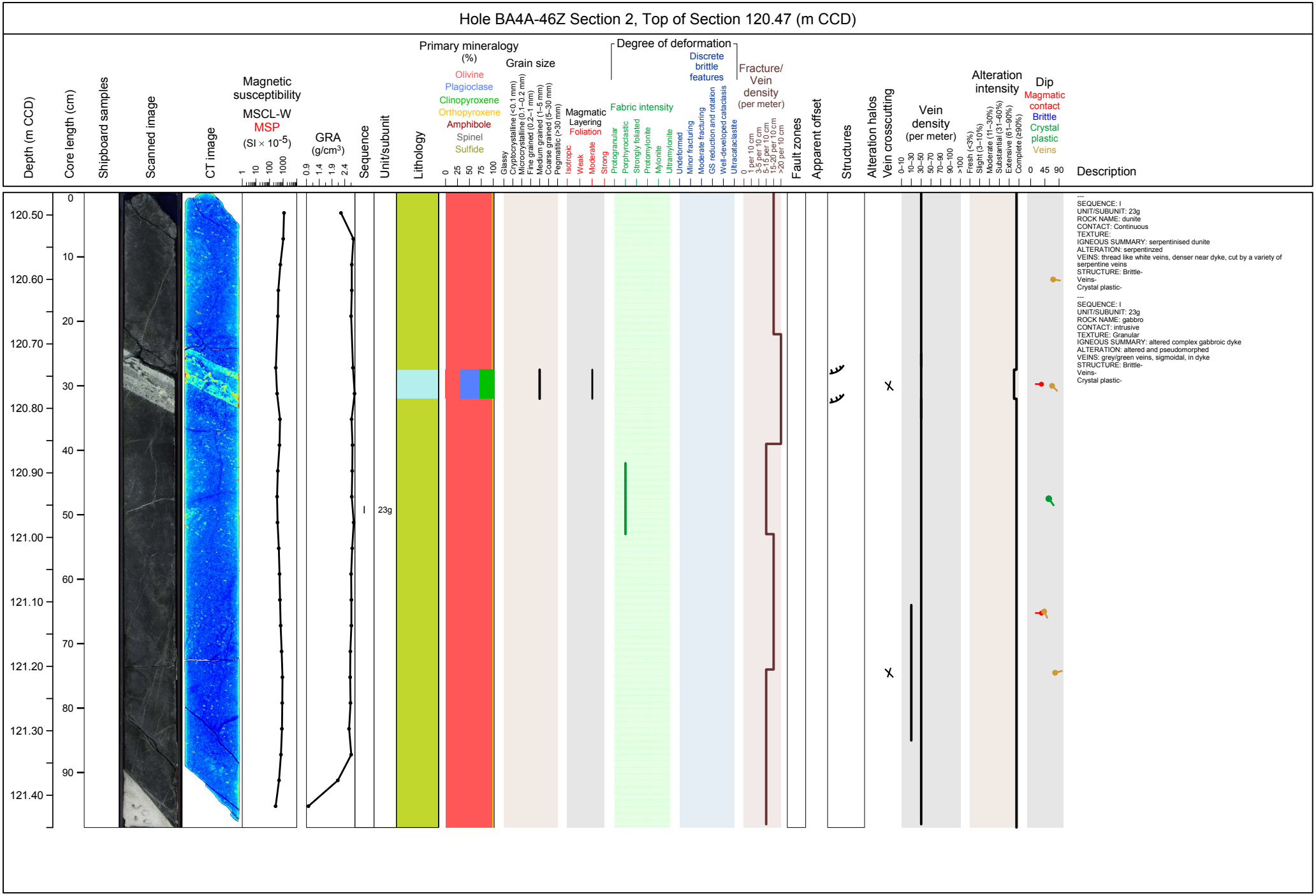
Hole BA4A-45Z Section 4, Top of Section 119.01 (m CCD)



Hole BA4A-46Z Section 1, Top of Section 119.70 (m CCD)



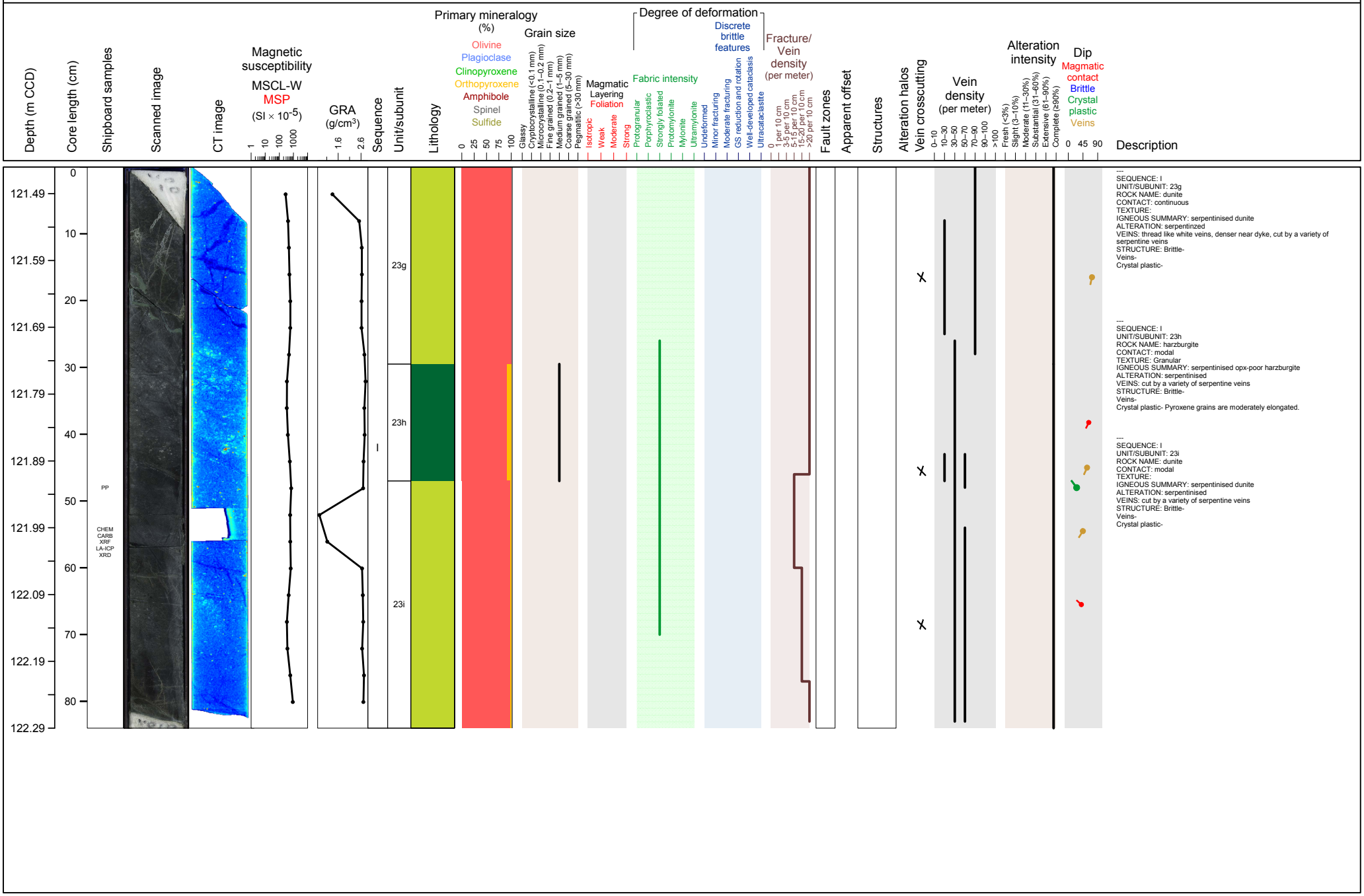
Hole BA4A-46Z Section 2, Top of Section 120.47 (m CCD)



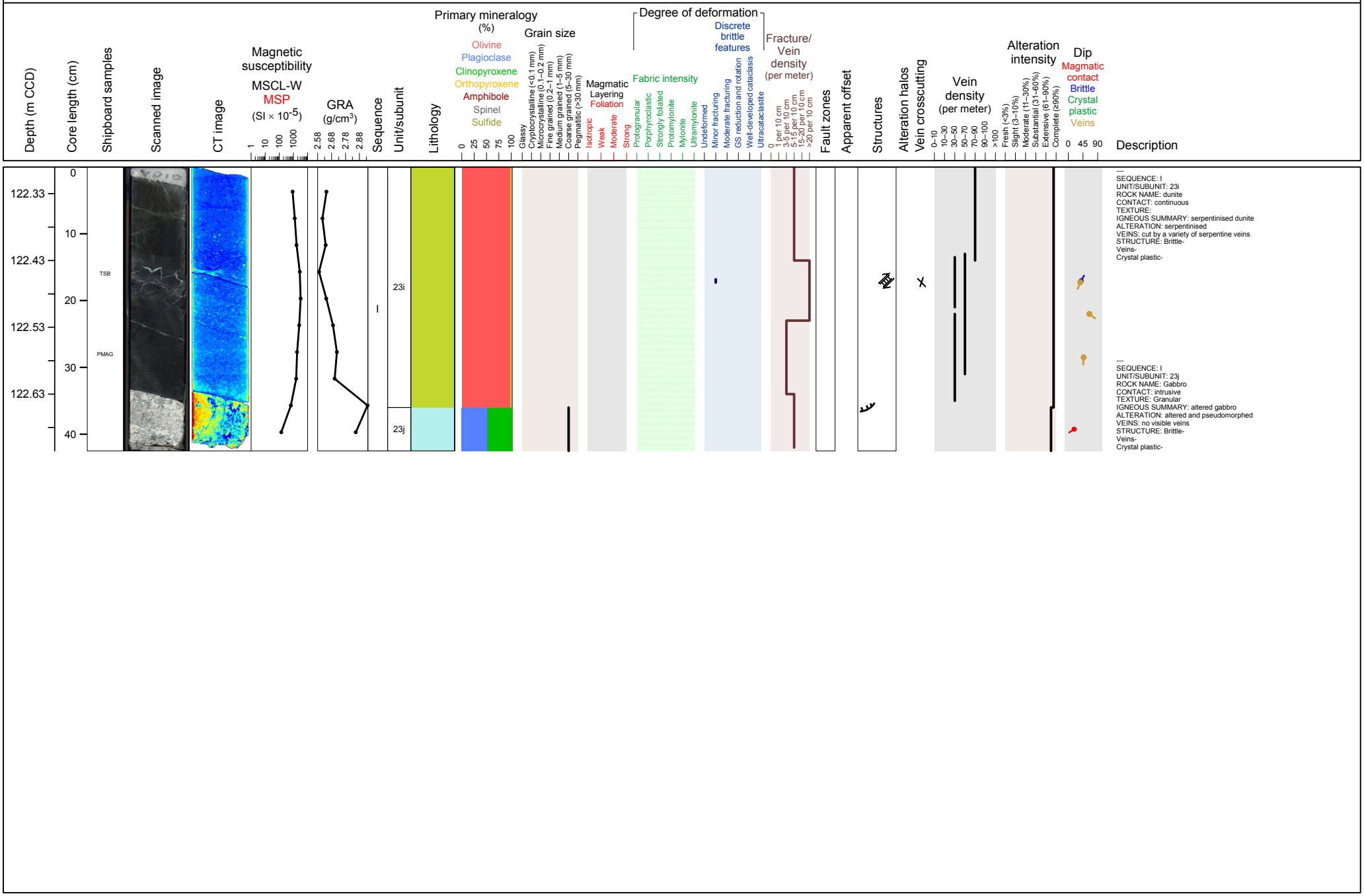
SEQUENCE: I
UNIT/SUBUNIT: 23g
ROCK NAME: dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinised dunite
ALTERATION: serpentinzed
VEINS: thread like white veins, denser near dyke, cut by a variety of serpentine veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 23g
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered complex gabbroic dyke
ALTERATION: altered and pseudomorphed
VEINS: grey/green veins, sigmoidal, in dyke
STRUCTURE: Brittle-
Veins-
Crystal plastic-

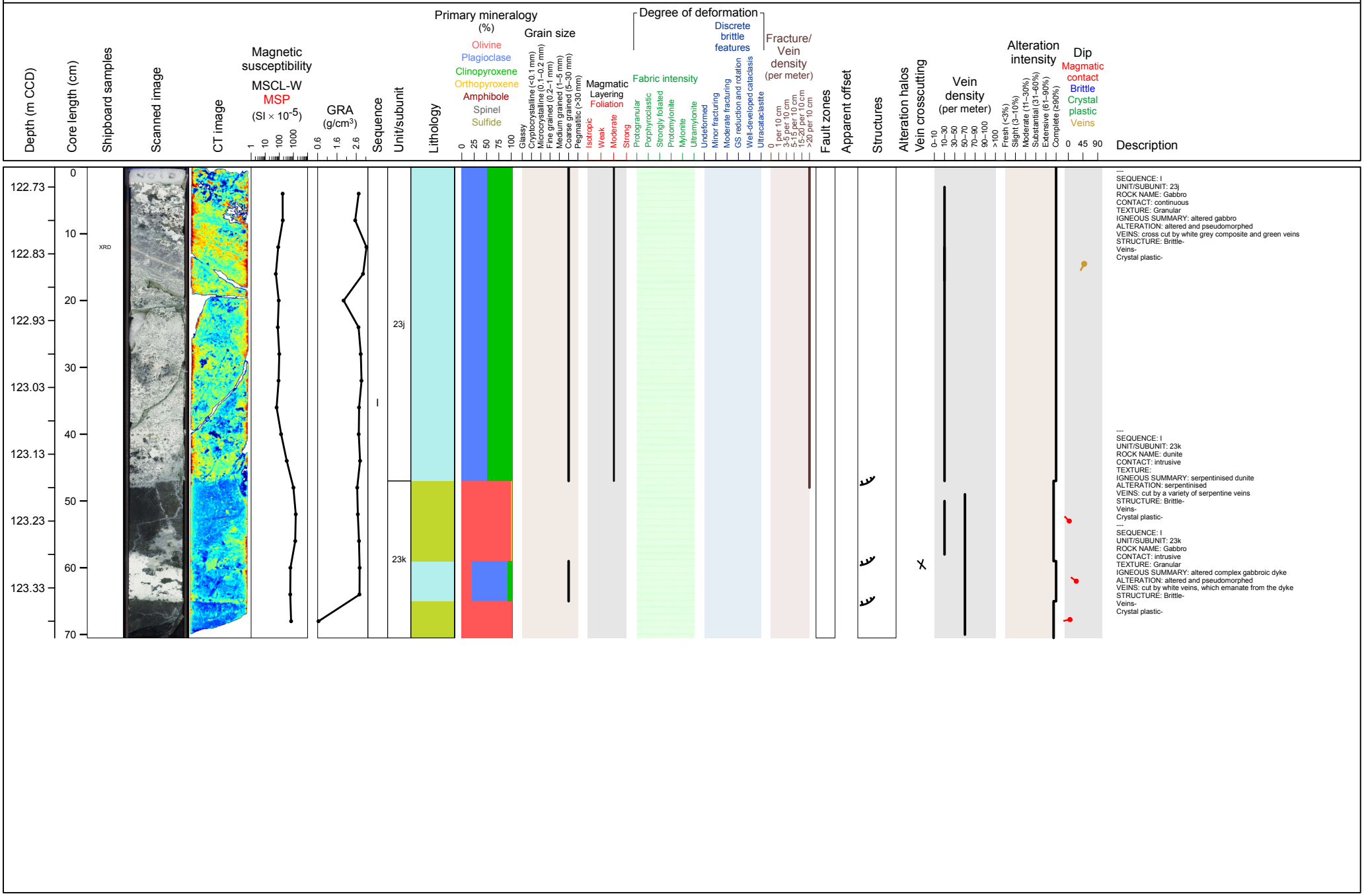
Hole BA4A-46Z Section 3, Top of Section 121.45 (m CCD)



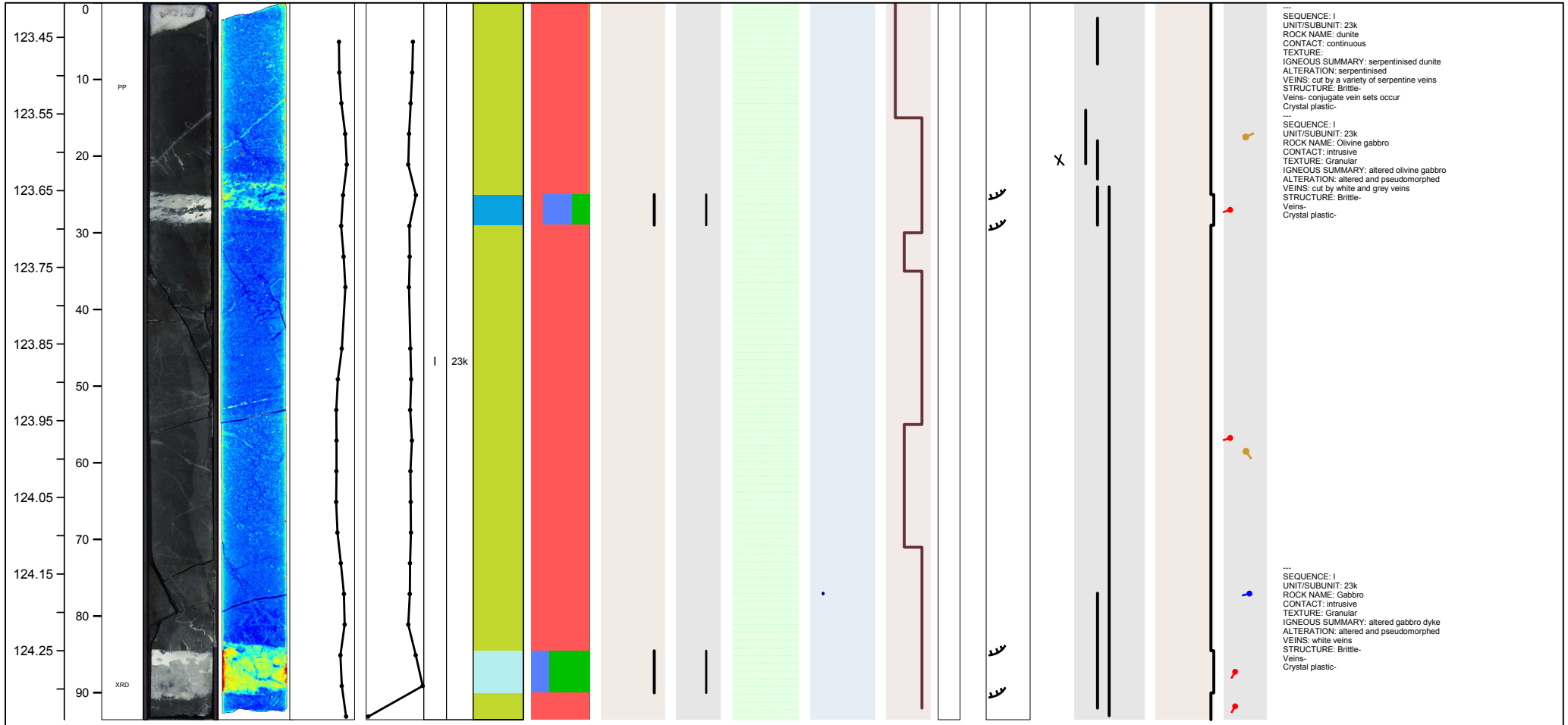
Hole BA4A-46Z Section 4, Top of Section 122.29 (m CCD)



Hole BA4A-47Z Section 1, Top of Section 122.70 (m CCD)



Hole BA4A-47Z Section 2, Top of Section 123.41 (m CCD)

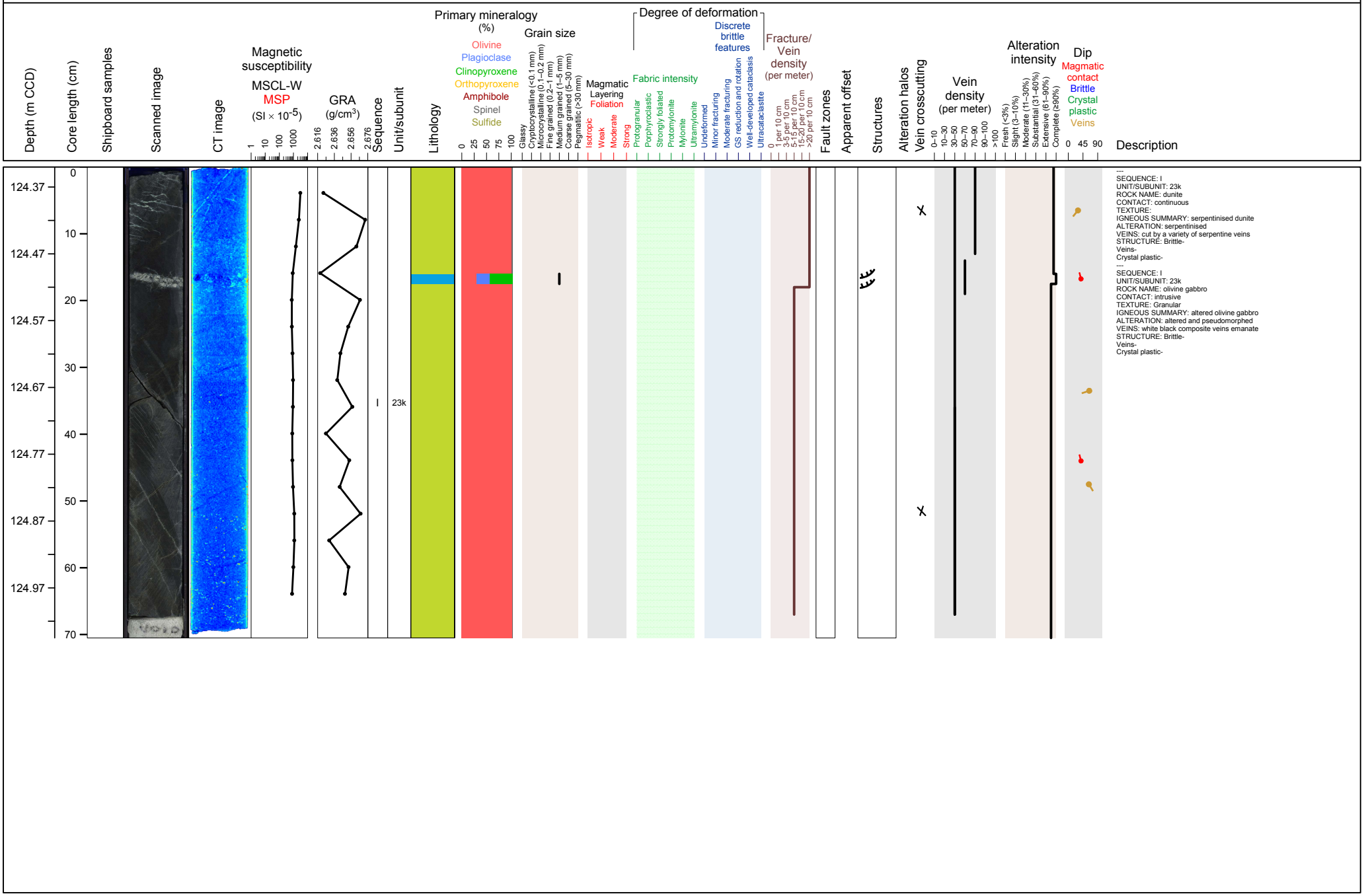


SEQUENCE: I
UNIT/SUBUNIT: 23k
ROCK NAME: dunite
CONTACT: continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinised dunite
ALTERATION: serpentinised
VEINS: cut by a variety of serpentine veins
STRUCTURE: Brittle-
Veins- conjugate vein sets occur
Crystal plastic-

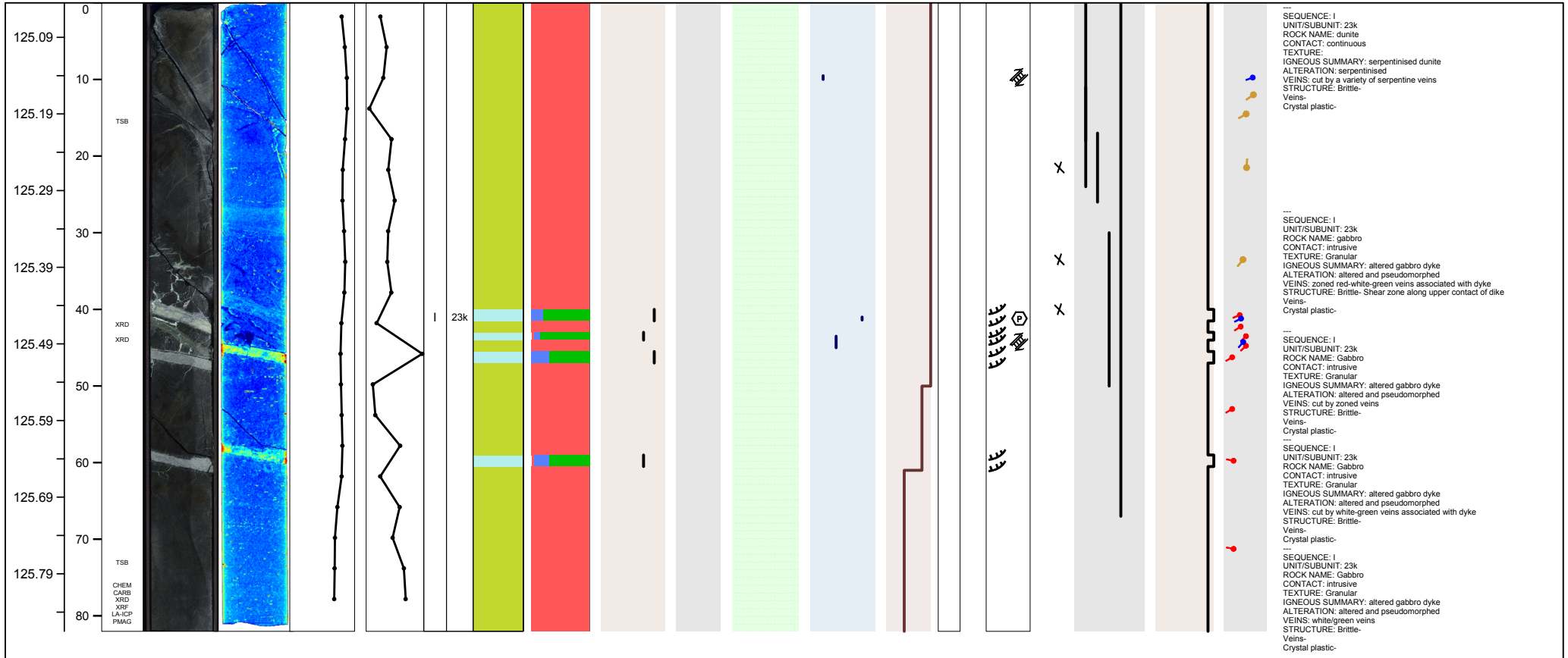
SEQUENCE: I
UNIT/SUBUNIT: 23k
ROCK NAME: Olivine gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered olivine gabbro
ALTERATION: altered and pseudomorphed
VEINS: cut by white and grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 23k
ROCK NAME: Gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered gabbro dyke
ALTERATION: altered and pseudomorphed
VEINS: white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

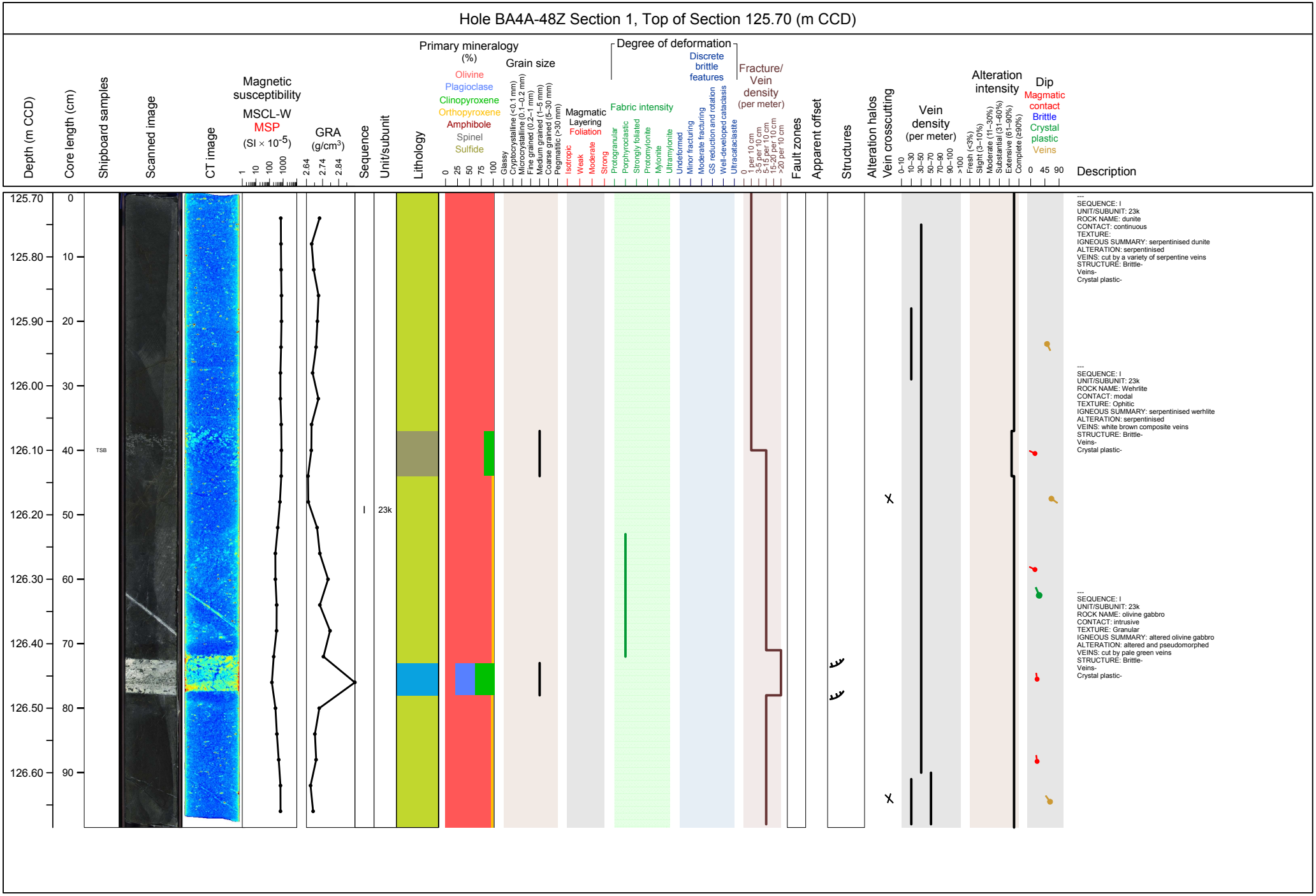
Hole BA4A-47Z Section 3, Top of Section 124.34 (m CCD)



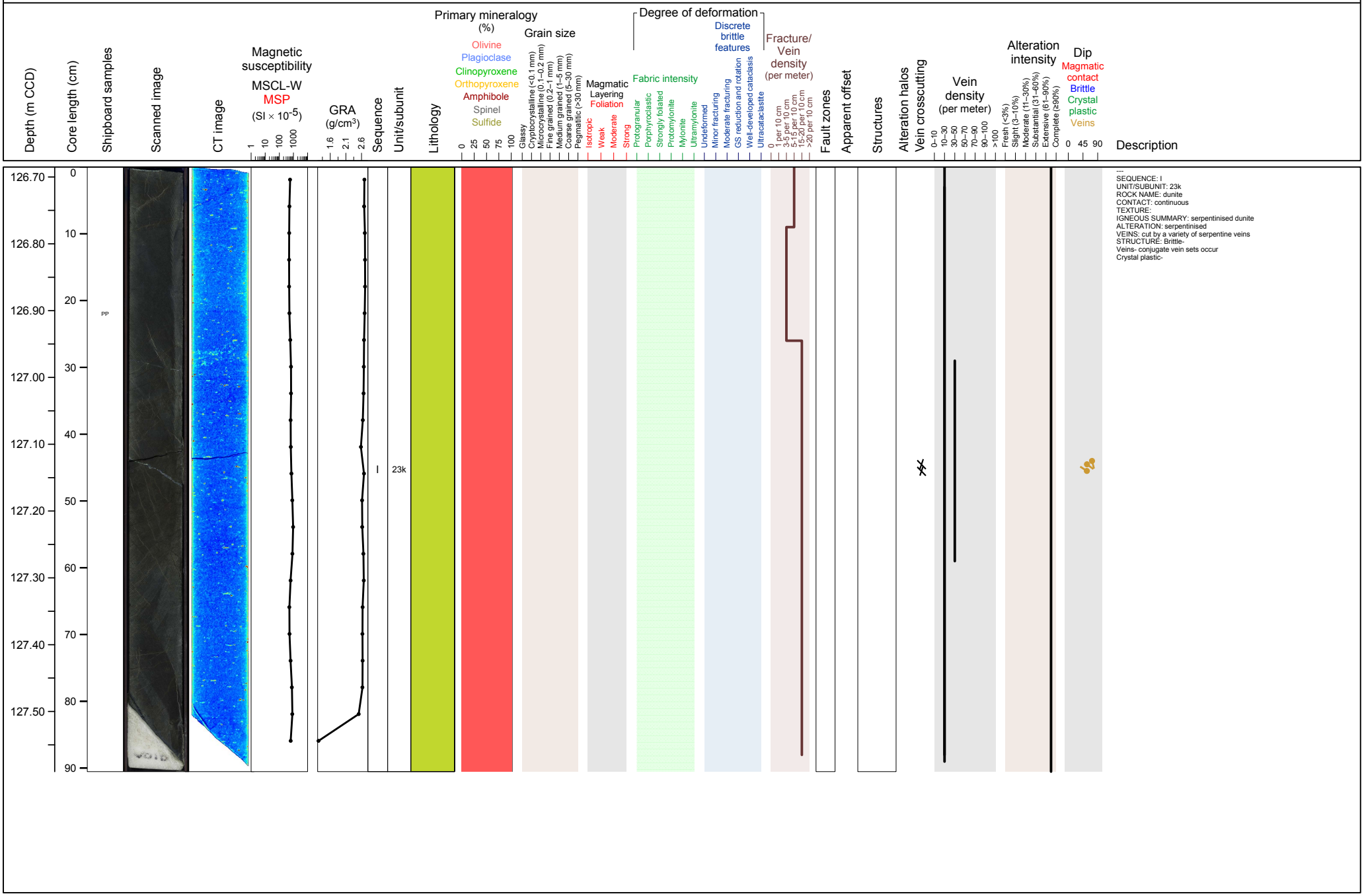
Hole BA4A-47Z Section 4, Top of Section 125.05 (m CCD)



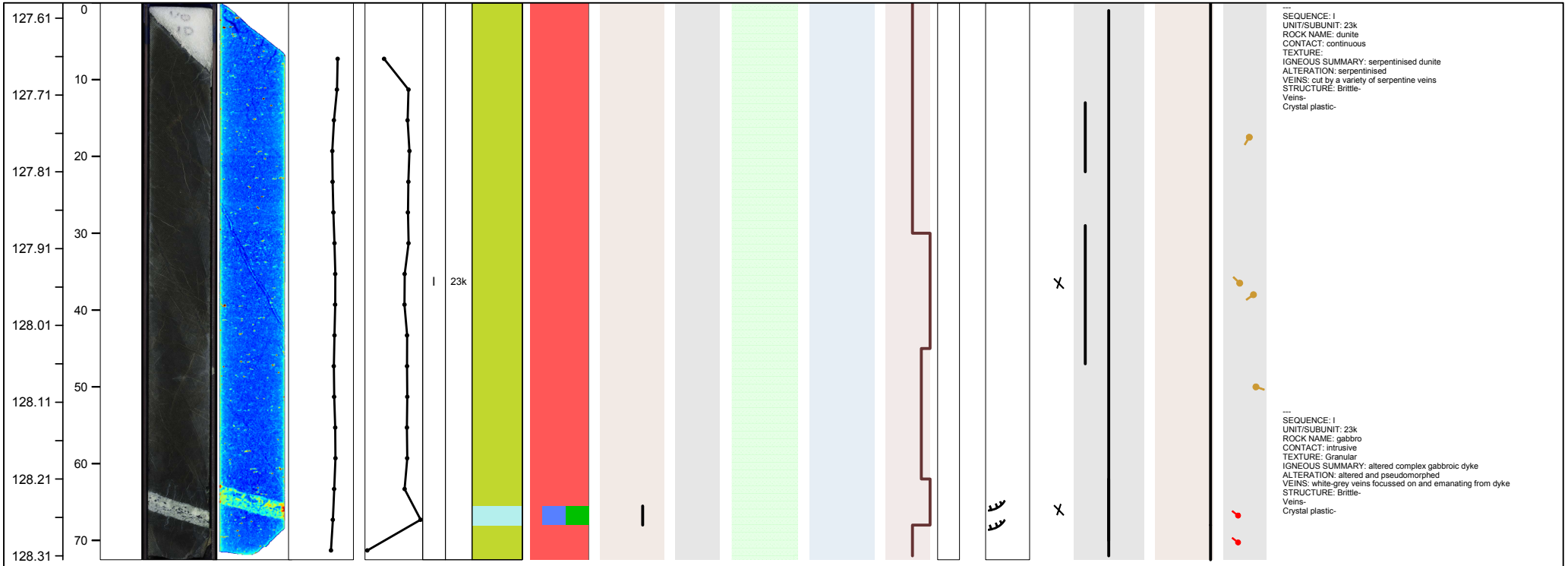
Hole BA4A-48Z Section 1, Top of Section 125.70 (m CCD)



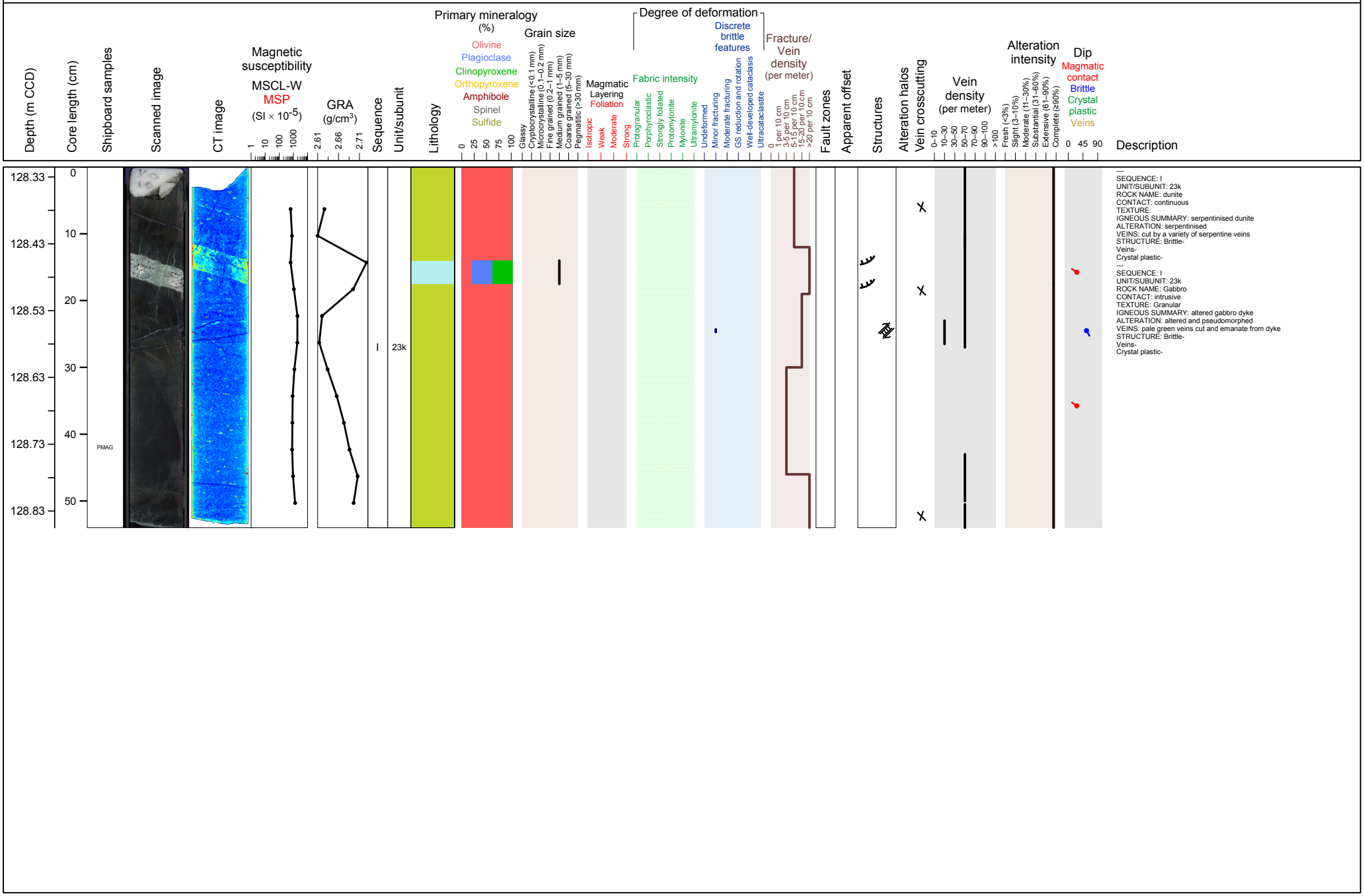
Hole BA4A-48Z Section 2, Top of Section 126.69 (m CCD)



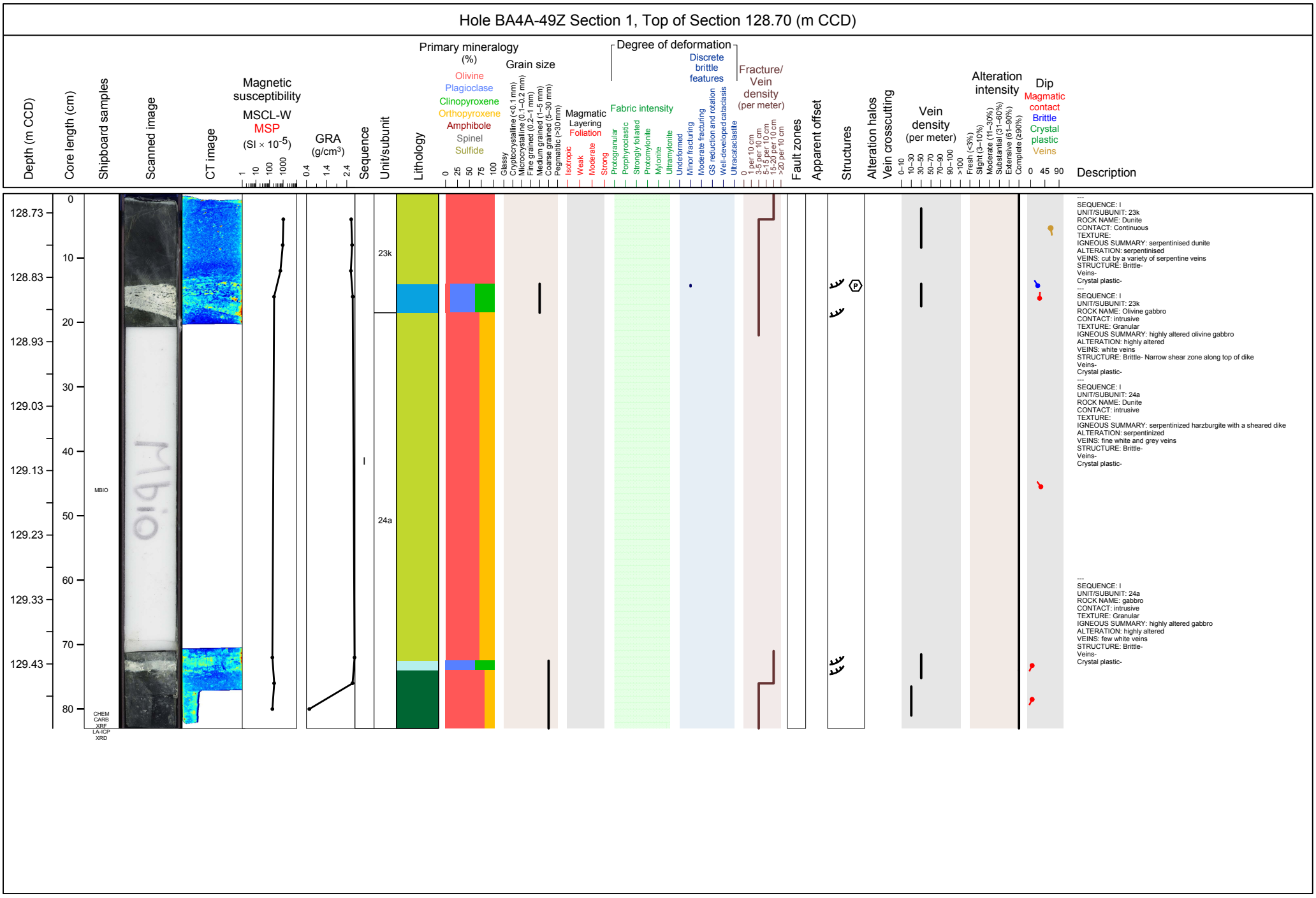
Hole BA4A-48Z Section 3, Top of Section 127.59 (m CCD)



Hole BA4A-48Z Section 4, Top of Section 128.32 (m CCD)



Hole BA4A-49Z Section 1, Top of Section 128.70 (m CCD)



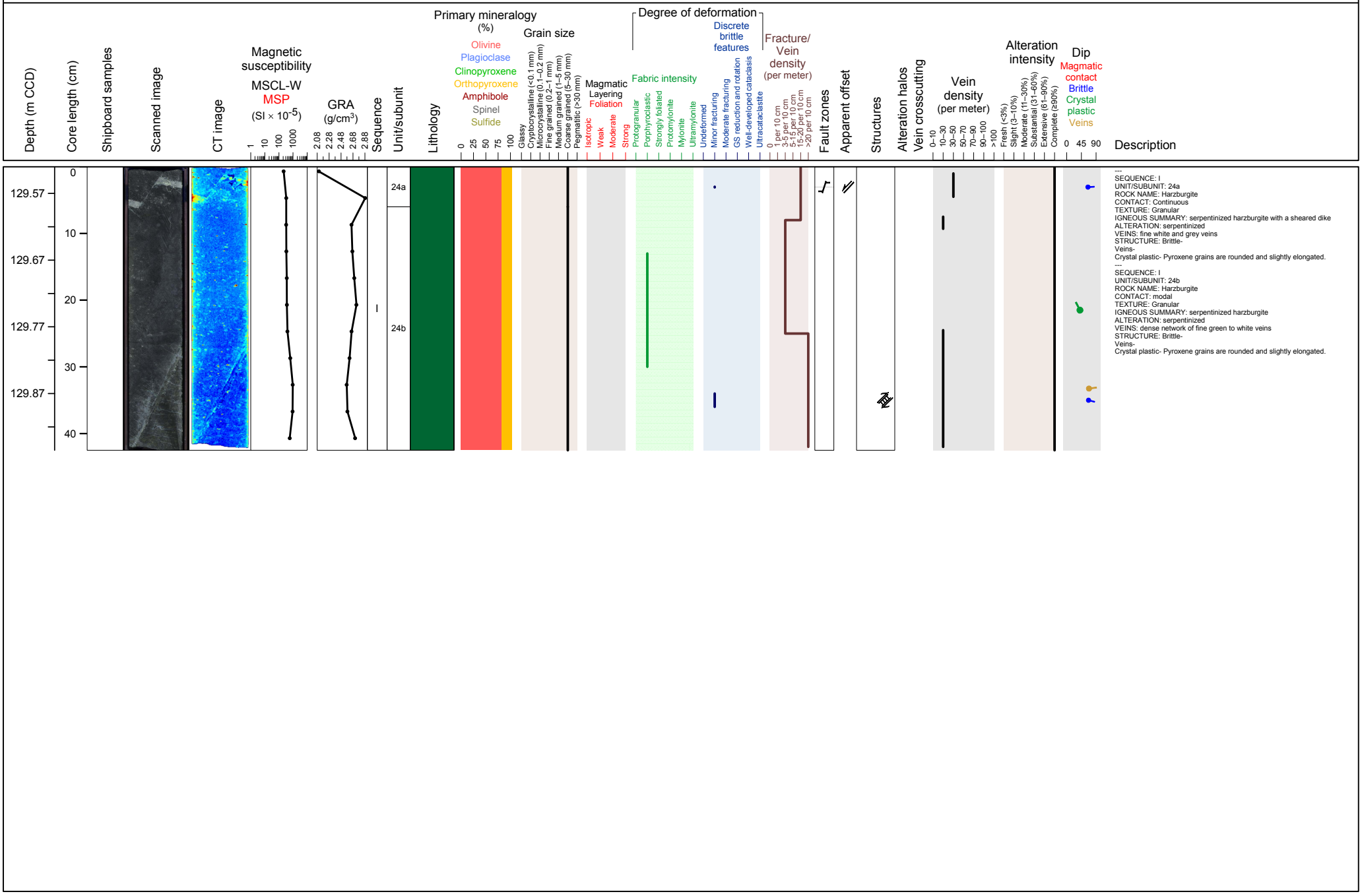
SEQUENCE: I
UNIT/SUBUNIT: 23k
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinised dunite
ALTERATION: serpentinised
VEINS: cut by a variety of serpentine veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 23k
ROCK NAME: Olivine gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: highly altered olivine gabbro
ALTERATION: highly altered
VEINS: white veins
STRUCTURE: Brittle- Narrow shear zone along top of dike
Veins-
Crystal plastic-

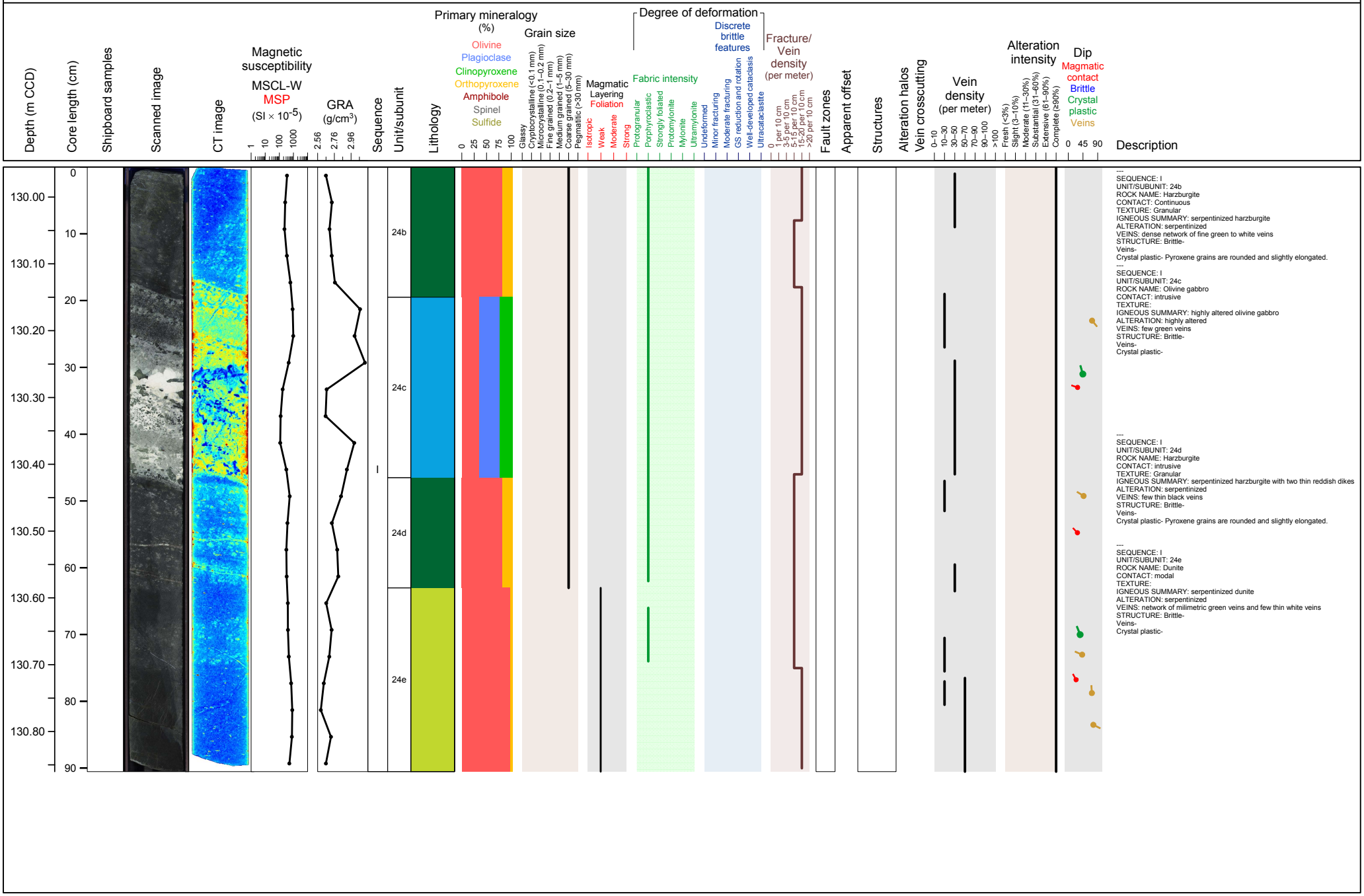
SEQUENCE: I
UNIT/SUBUNIT: 24a
ROCK NAME: Dunite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: serpentinized harzburgite with a sheared dike
ALTERATION: serpentinized
VEINS: fine white and grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 24a
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: highly altered gabbro
ALTERATION: highly altered
VEINS: few white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

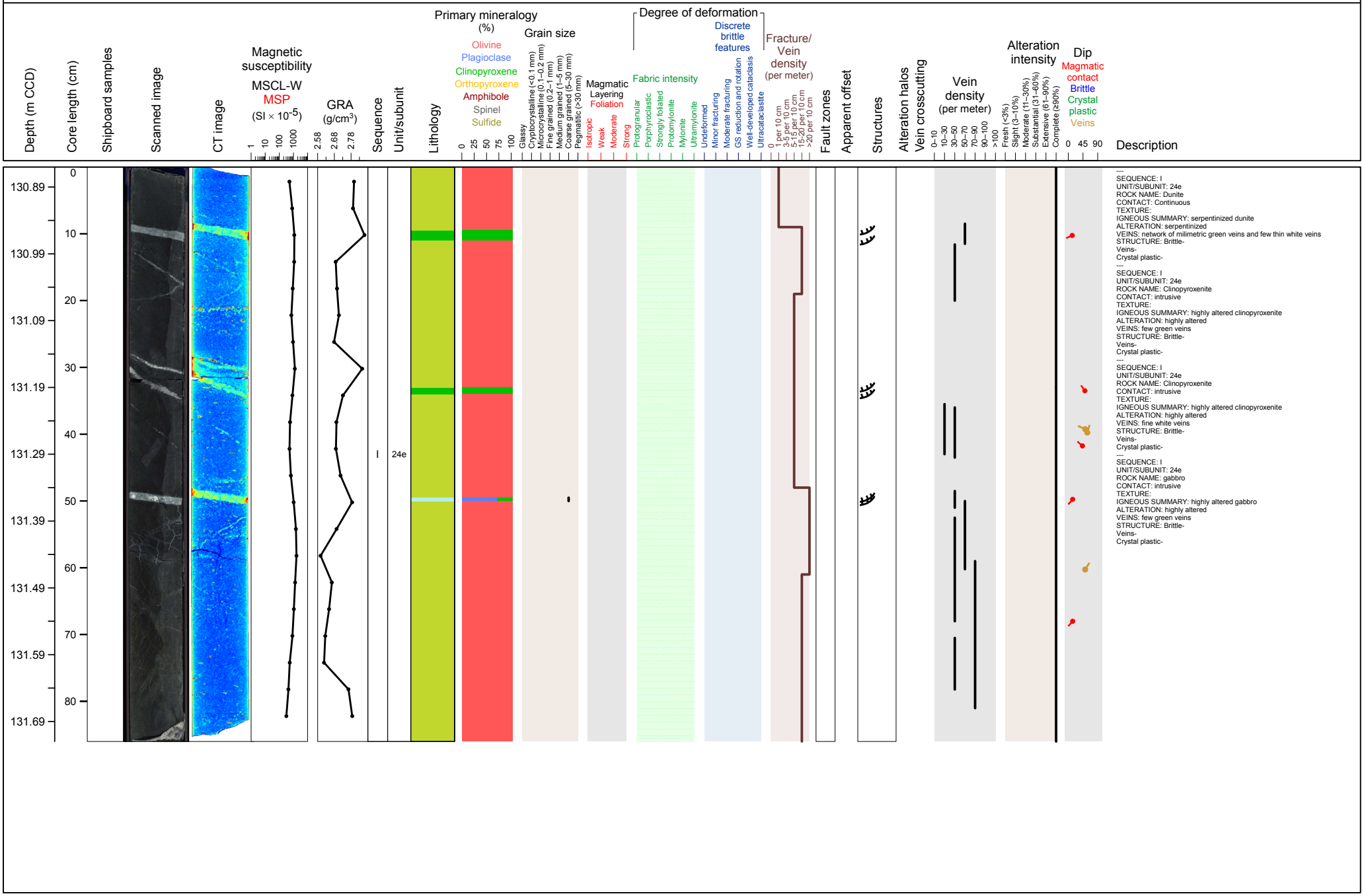
Hole BA4A-49Z Section 2, Top of Section 129.53 (m CCD)



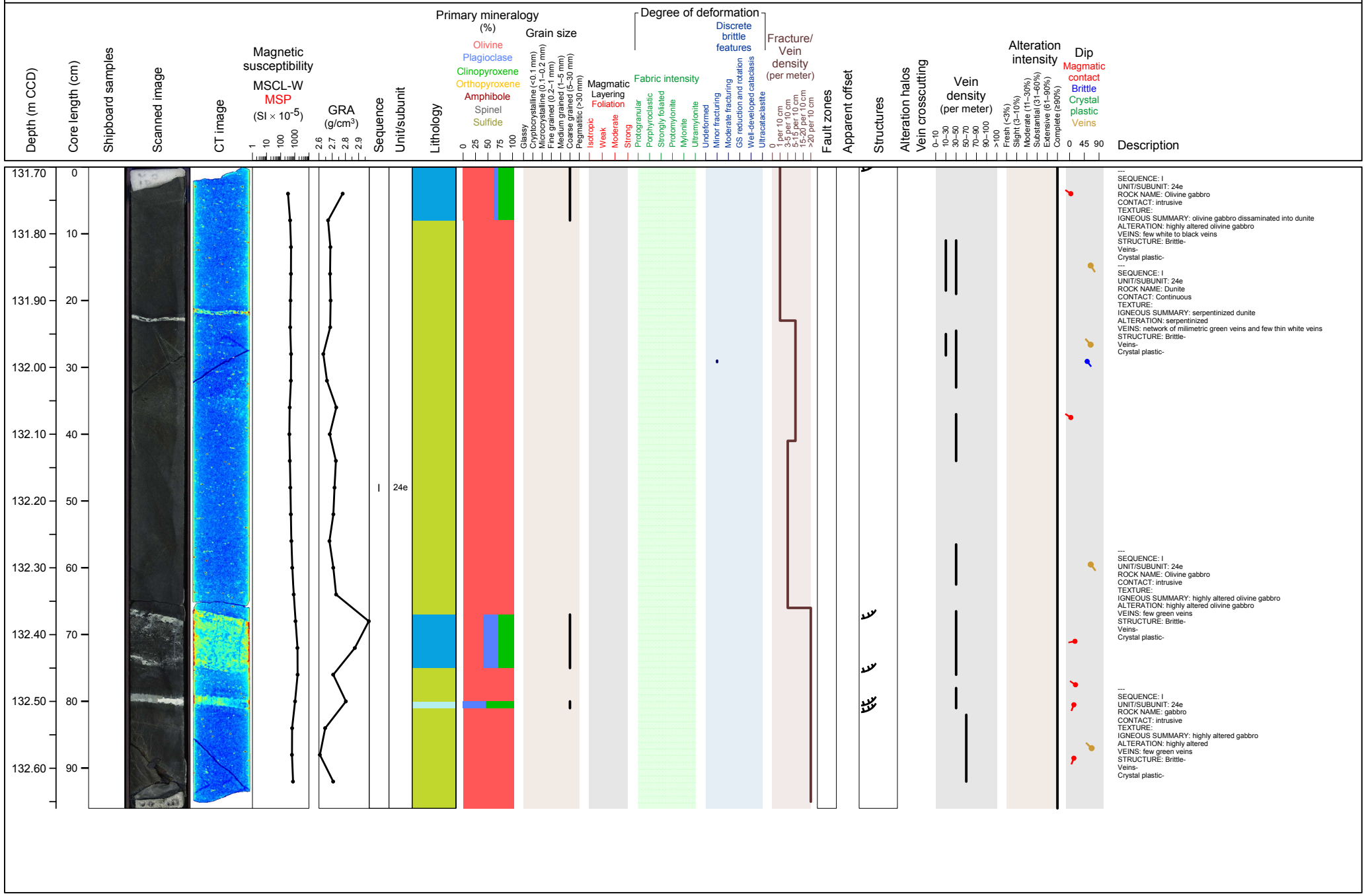
Hole BA4A-49Z Section 3, Top of Section 129.96 (m CCD)



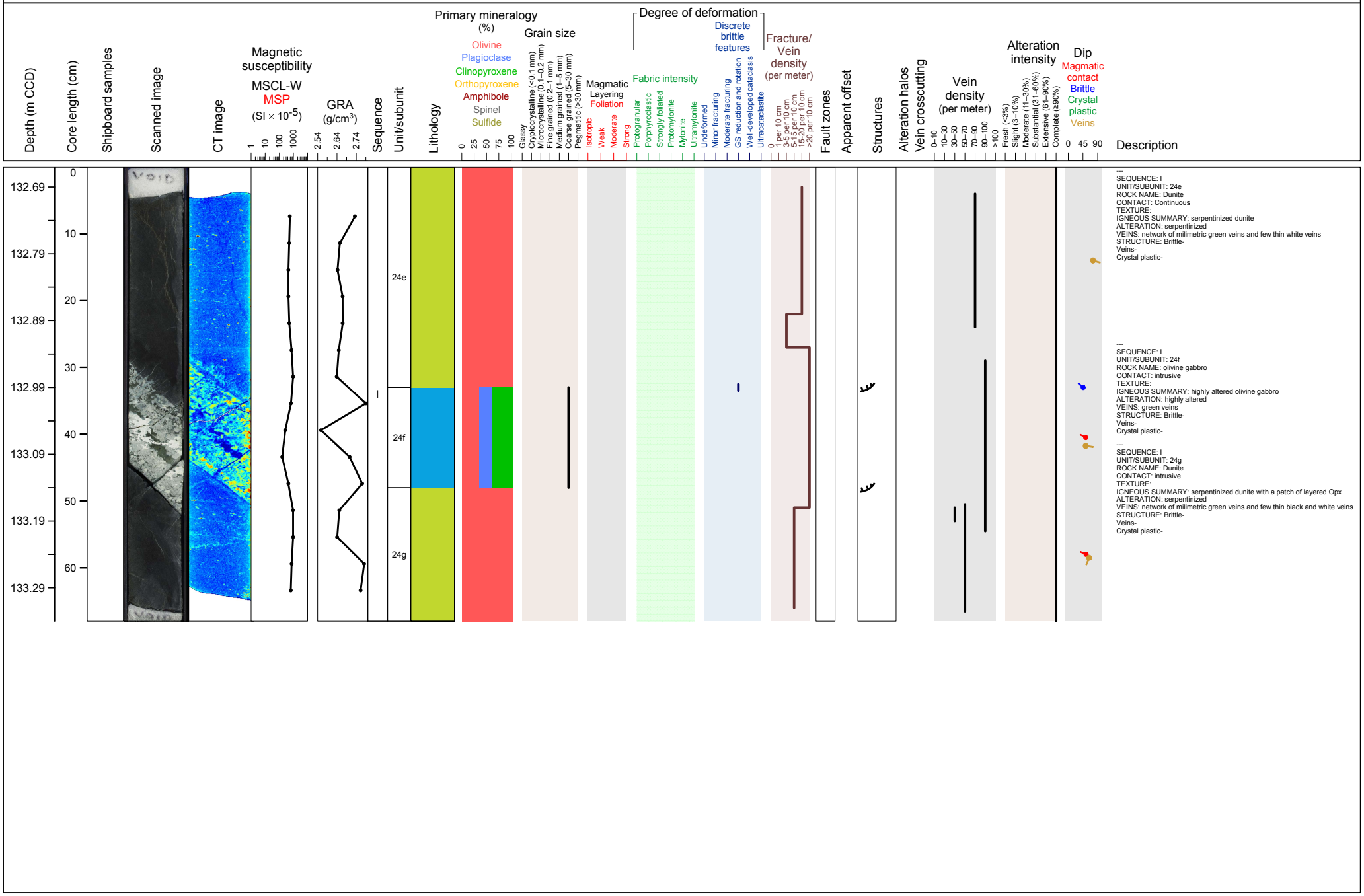
Hole BA4A-49Z Section 4, Top of Section 130.86 (m CCD)



Hole BA4A-50Z Section 1, Top of Section 131.70 (m CCD)



Hole BA4A-50Z Section 2, Top of Section 132.66 (m CCD)

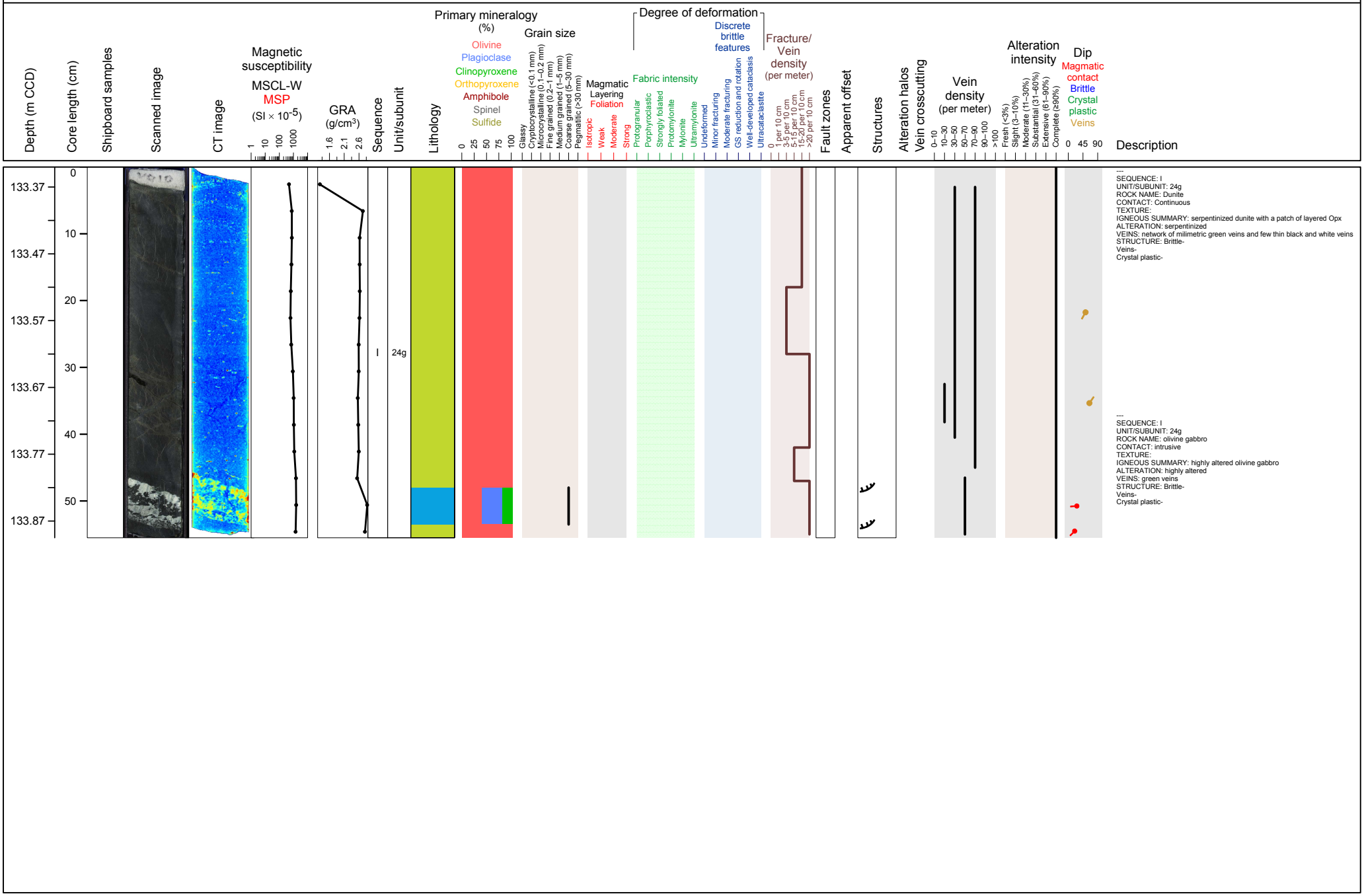


SEQUENCE: I
UNIT/SUBUNIT: 24e
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite
ALTERATION: serpentinized
VEINS: network of milimetric green veins and few thin white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

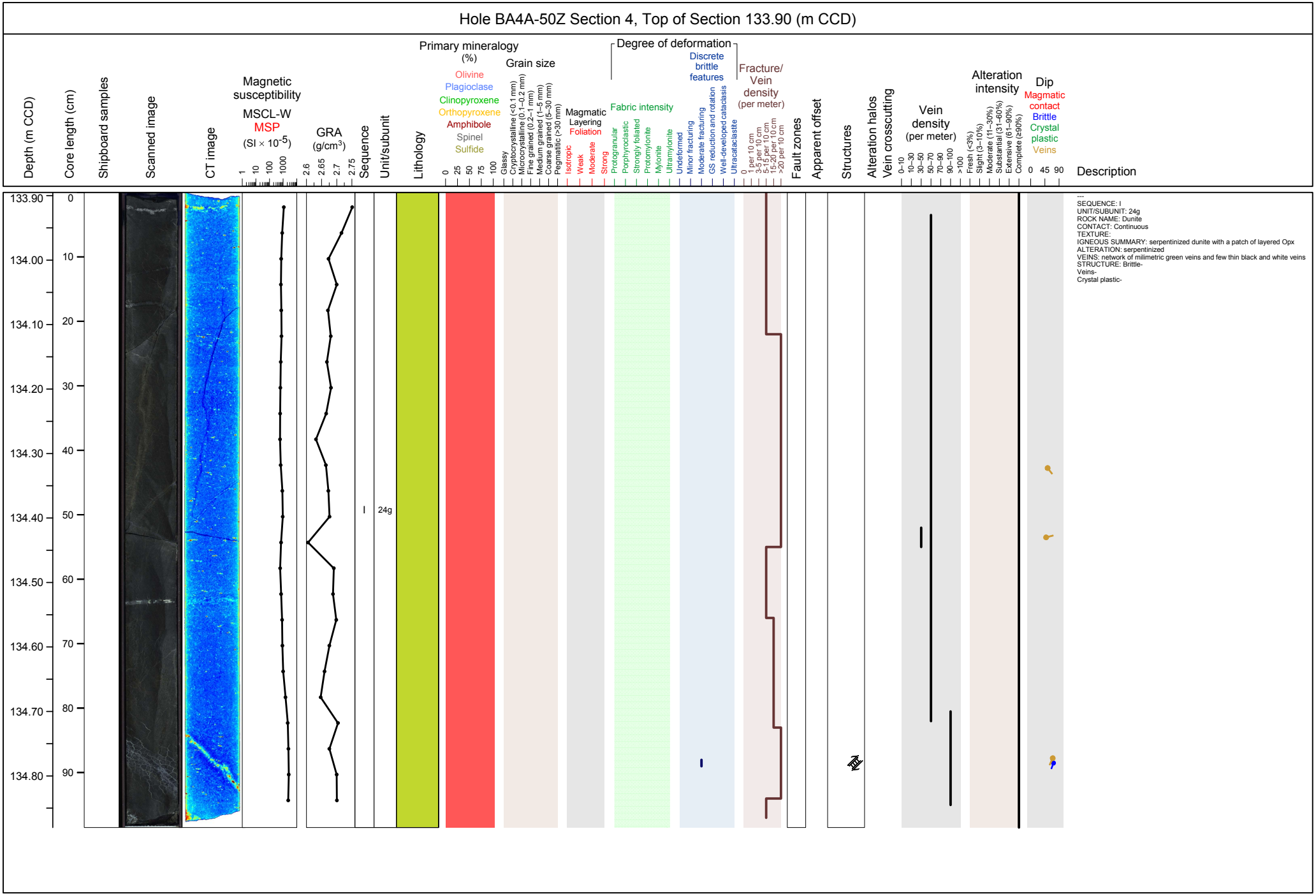
SEQUENCE: I
UNIT/SUBUNIT: 24f
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: highly altered olivine gabbro
ALTERATION: highly altered
VEINS: green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 24g
ROCK NAME: Dunite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite with a patch of layered Opx
ALTERATION: serpentinized
VEINS: network of milimetric green veins and few thin black and white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

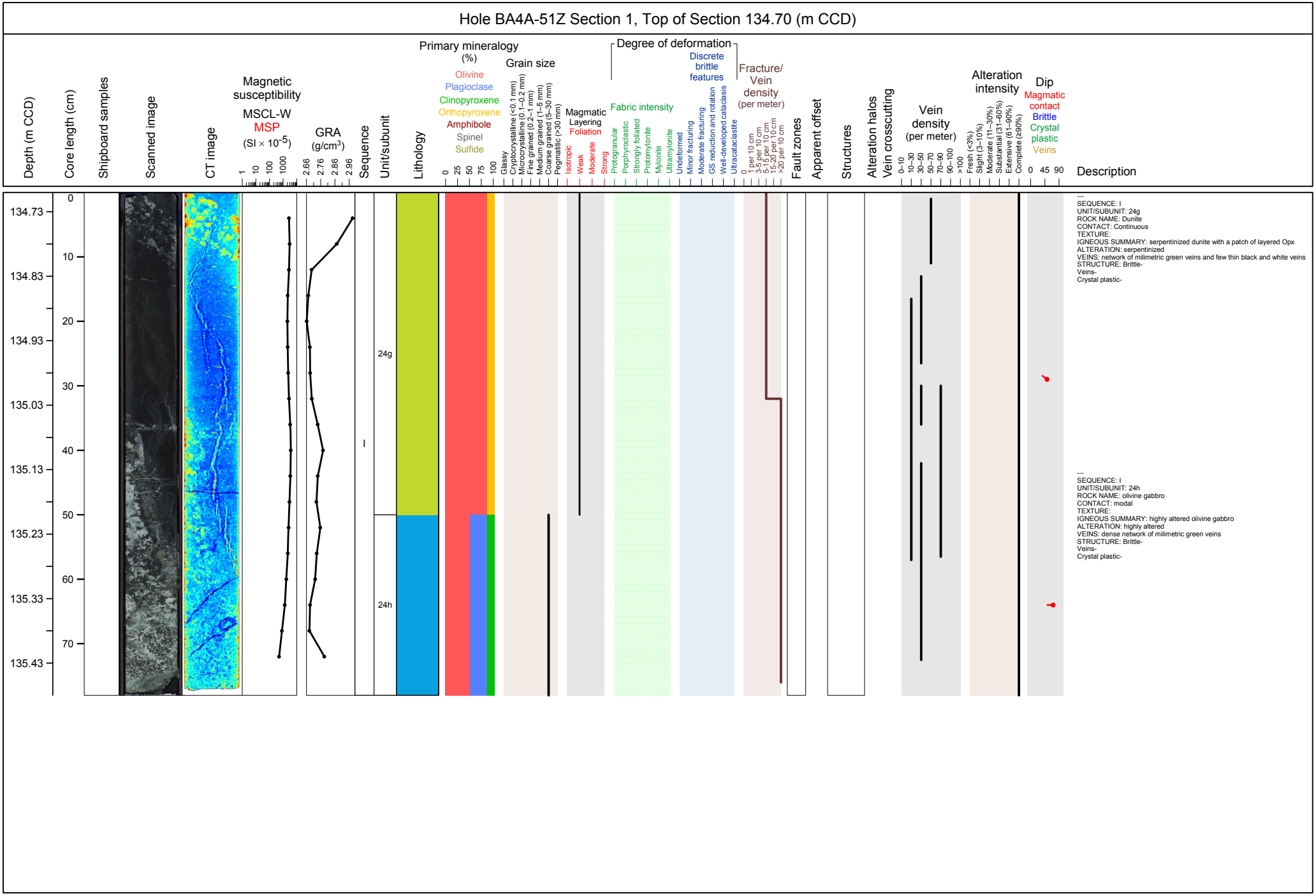
Hole BA4A-50Z Section 3, Top of Section 133.34 (m CCD)



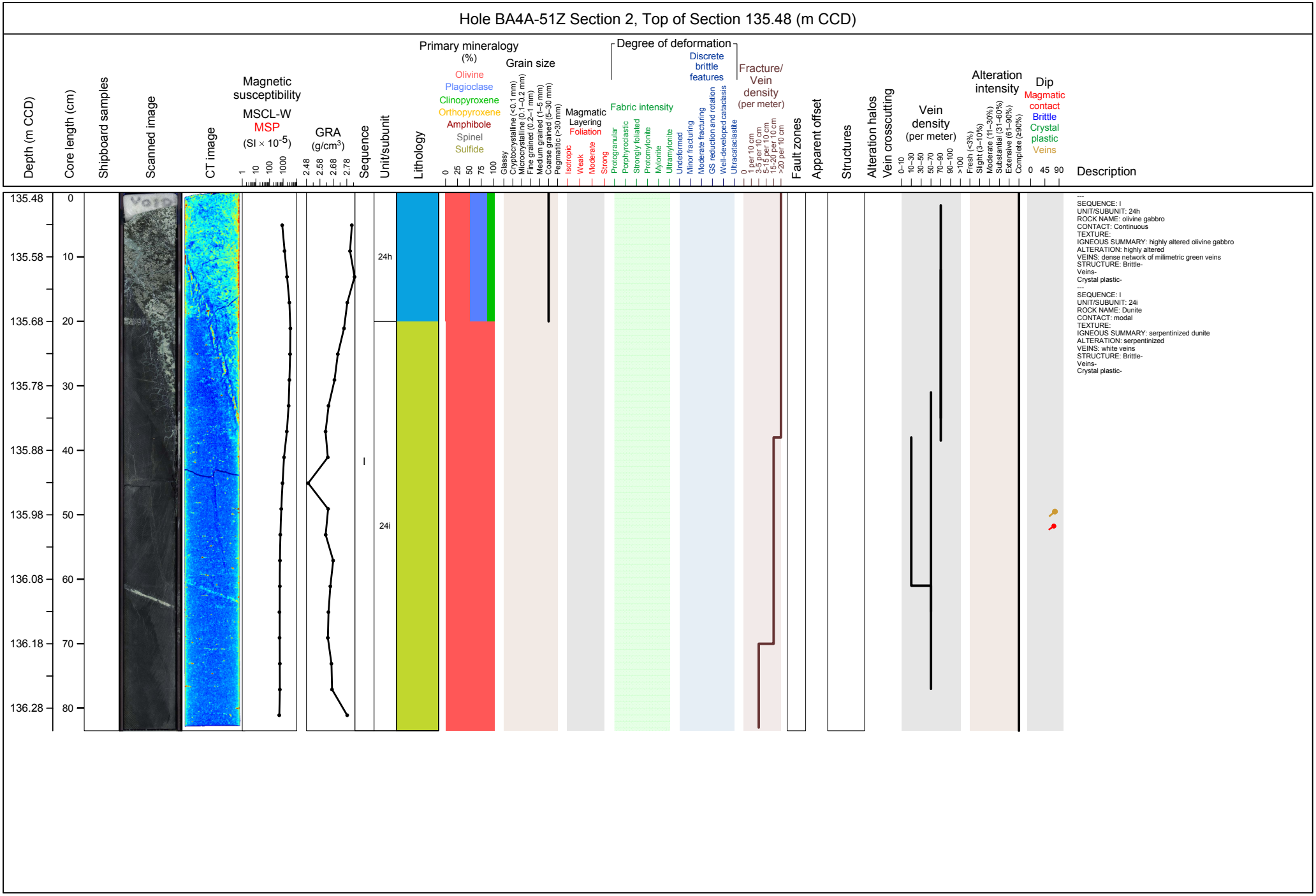
Hole BA4A-50Z Section 4, Top of Section 133.90 (m CCD)



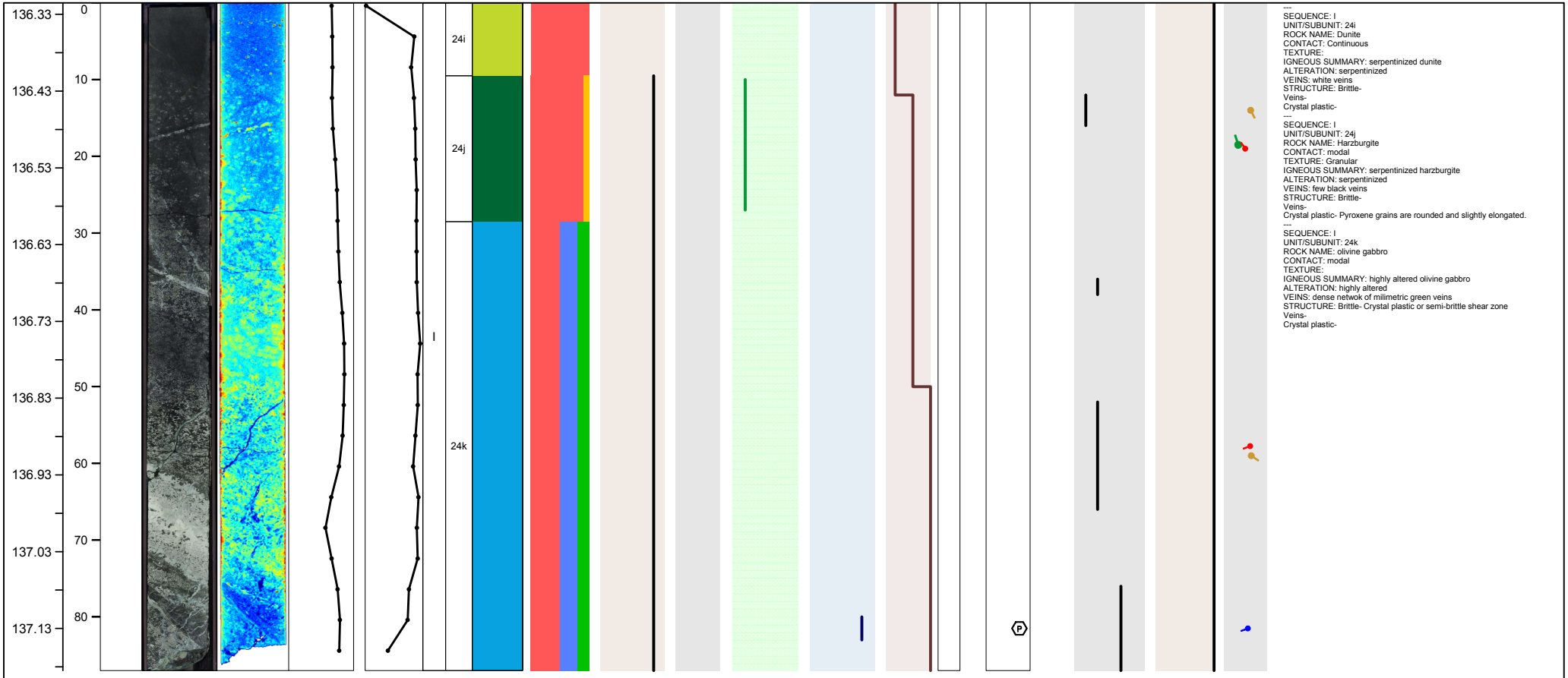
Hole BA4A-51Z Section 1, Top of Section 134.70 (m CCD)



Hole BA4A-51Z Section 2, Top of Section 135.48 (m CCD)



Hole BA4A-51Z Section 3, Top of Section 136.32 (m CCD)

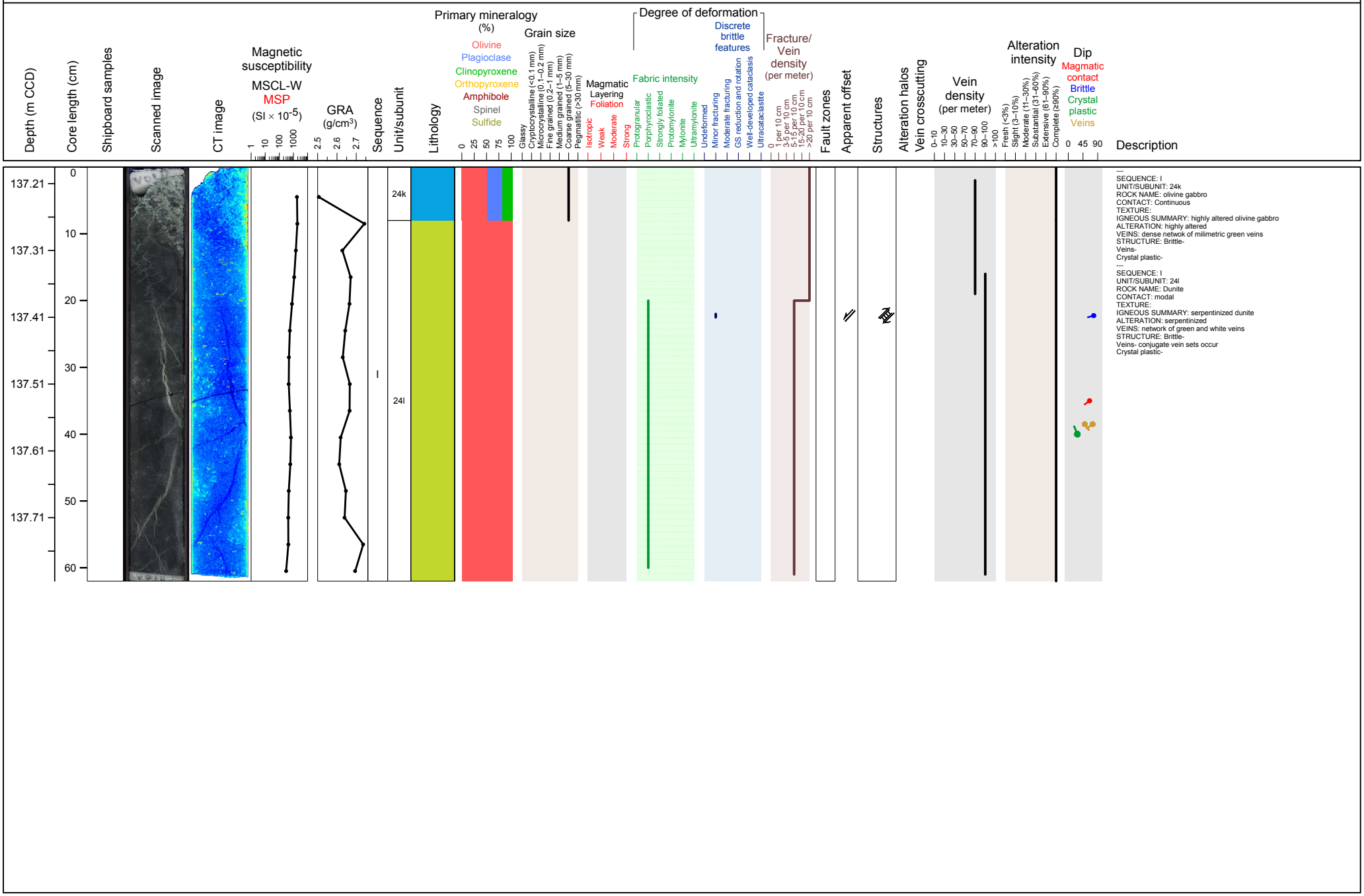


SEQUENCE: I
UNIT/SUBUNIT: 24i
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite
ALTERATION: serpentinized
VEINS: white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

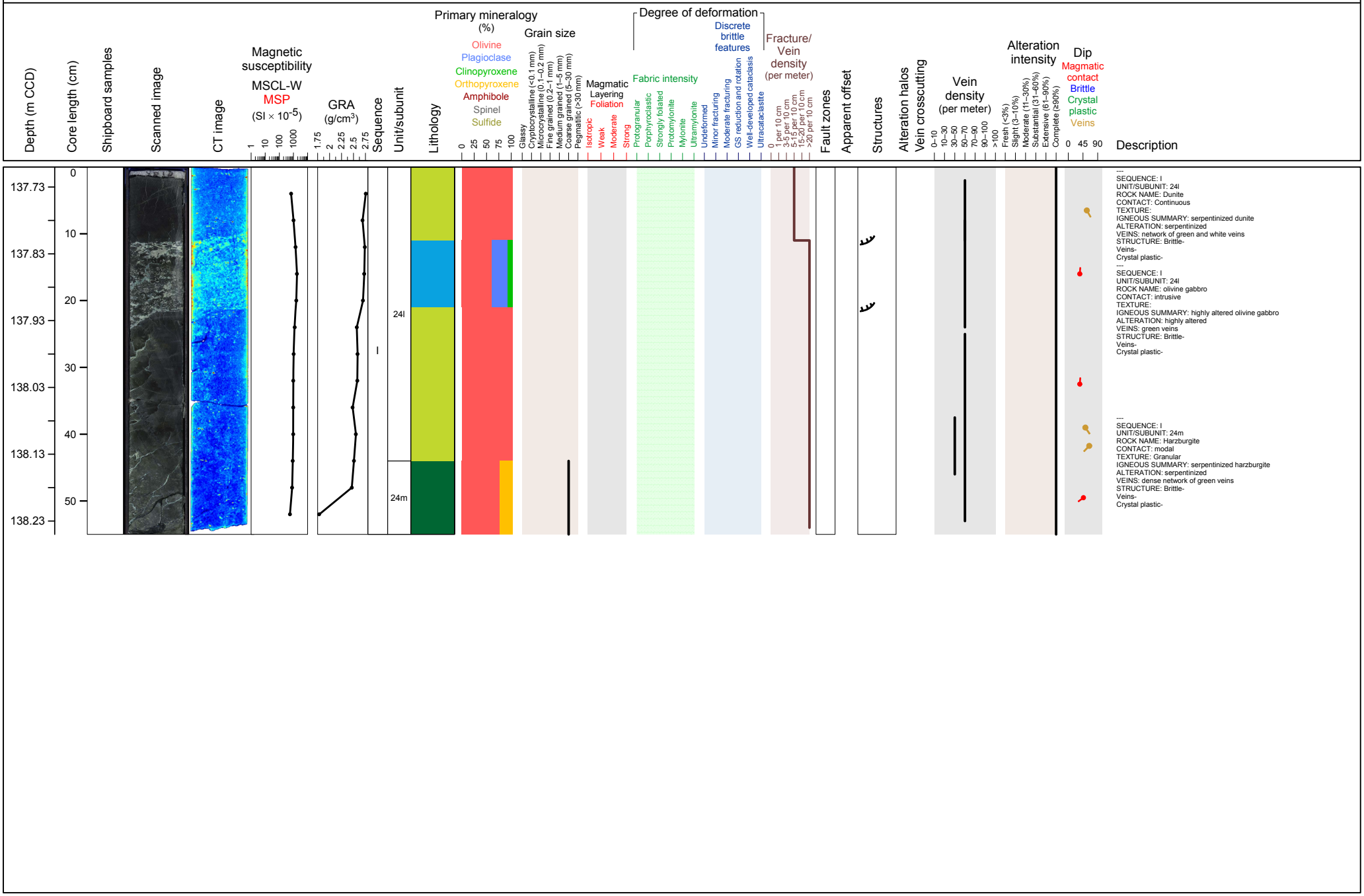
SEQUENCE: I
UNIT/SUBUNIT: 24j
ROCK NAME: Harzburgite
CONTACT: modal
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinized harzburgite
ALTERATION: serpentinized
VEINS: few black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 24k
ROCK NAME: olivine gabbro
CONTACT: modal
TEXTURE:
IGNEOUS SUMMARY: highly altered olivine gabbro
ALTERATION: highly altered
VEINS: dense netwok of milimetric green veins
STRUCTURE: Brittle- Crystal plastic or semi-brittle shear zone
Veins-
Crystal plastic-

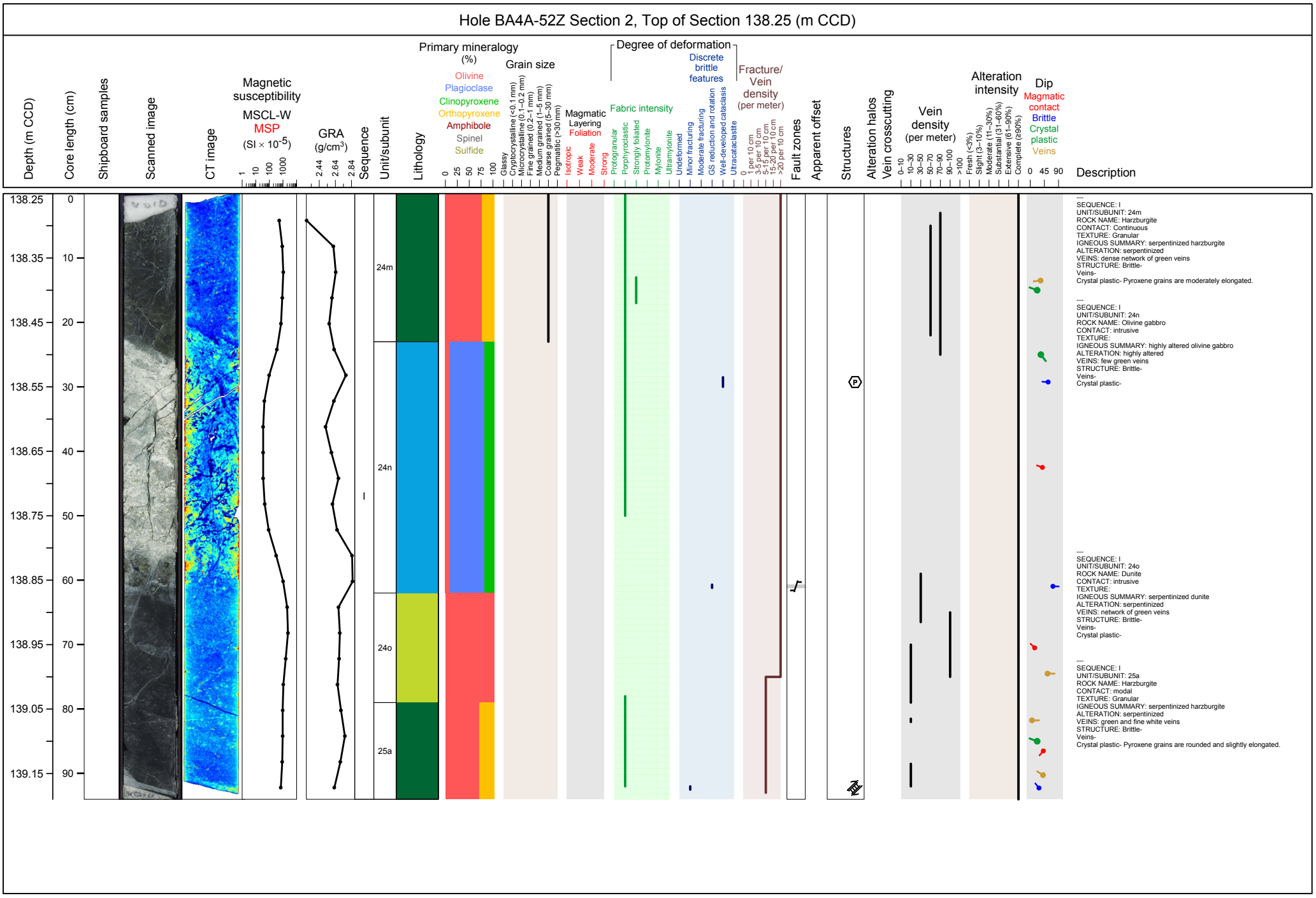
Hole BA4A-51Z Section 4, Top of Section 137.19 (m CCD)



Hole BA4A-52Z Section 1, Top of Section 137.70 (m CCD)



Hole BA4A-52Z Section 2, Top of Section 138.25 (m CCD)



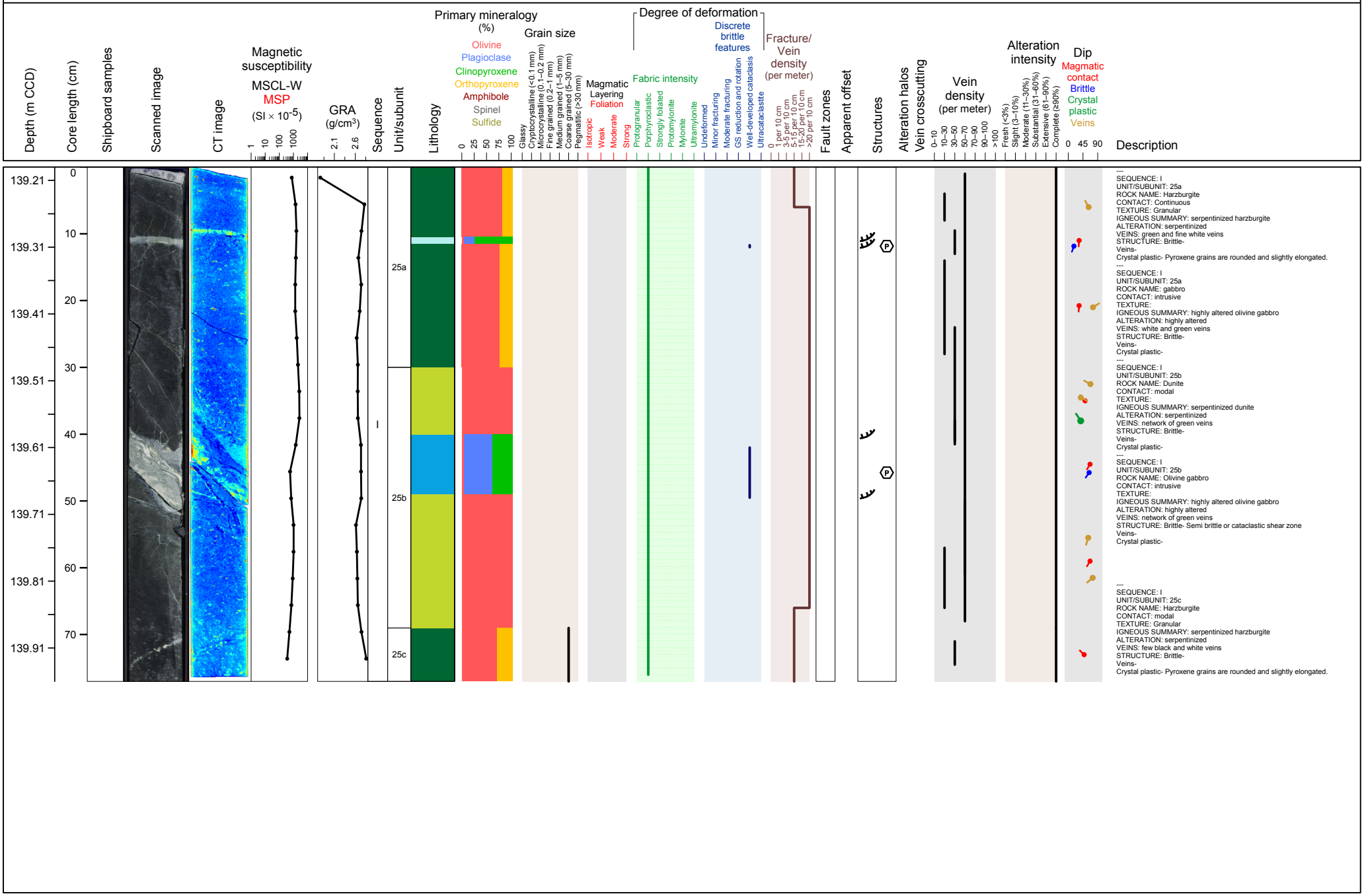
SEQUENCE: I
UNIT/SUBUNIT: 24m
ROCK NAME: Harzburgite
CONTACT: Continuous
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinized harzburgite
ALTERATION: serpentinized
VEINS: dense network of green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are moderately elongated.

SEQUENCE: I
UNIT/SUBUNIT: 24n
ROCK NAME: Olivine gabbro
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: highly altered olivine gabbro
ALTERATION: highly altered
VEINS: few green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

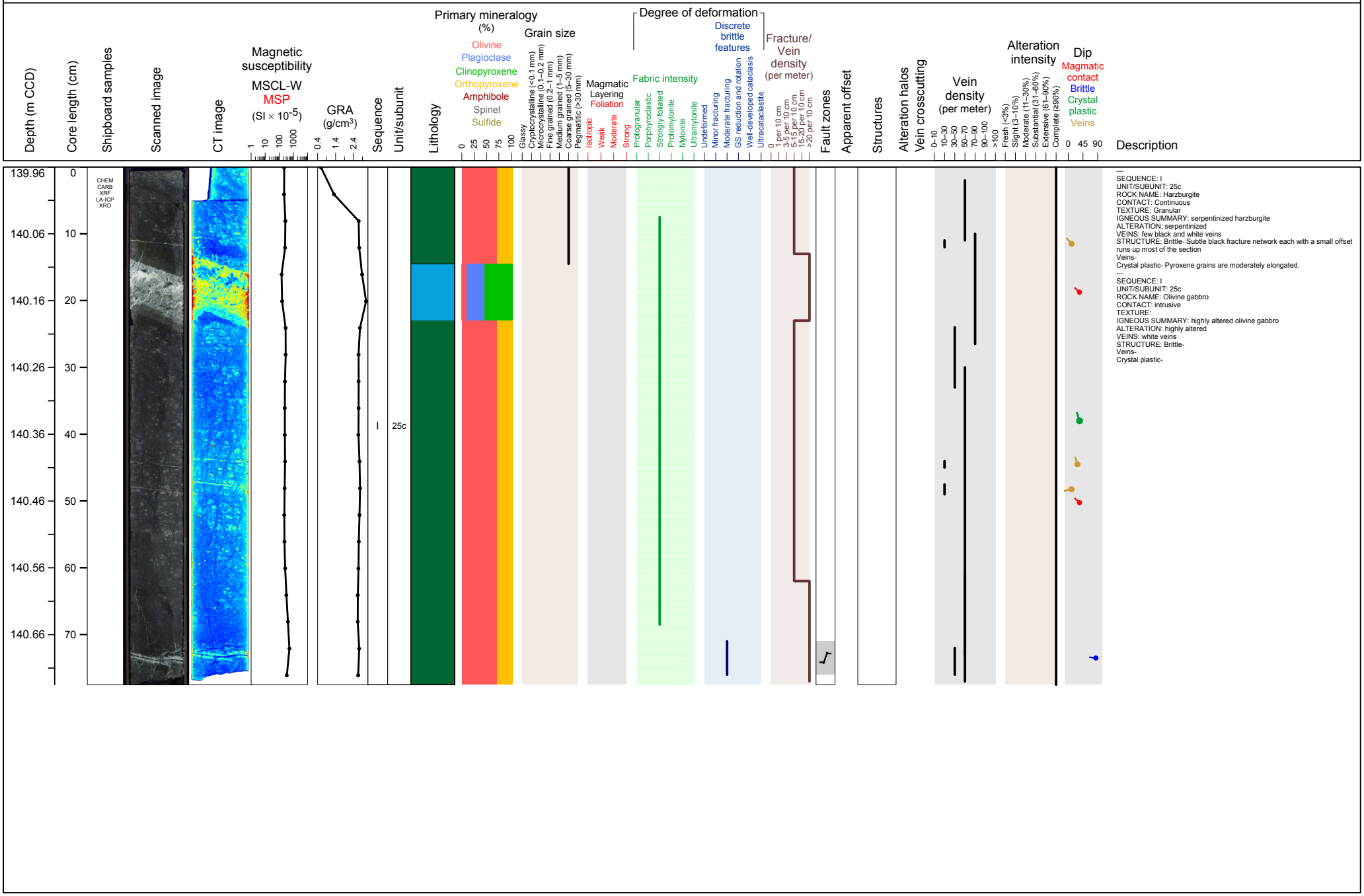
SEQUENCE: I
UNIT/SUBUNIT: 24o
ROCK NAME: Dunite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite
ALTERATION: serpentinized
VEINS: network of green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 25a
ROCK NAME: Harzburgite
CONTACT: modal
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinized harzburgite
ALTERATION: serpentinized
VEINS: green and fine white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

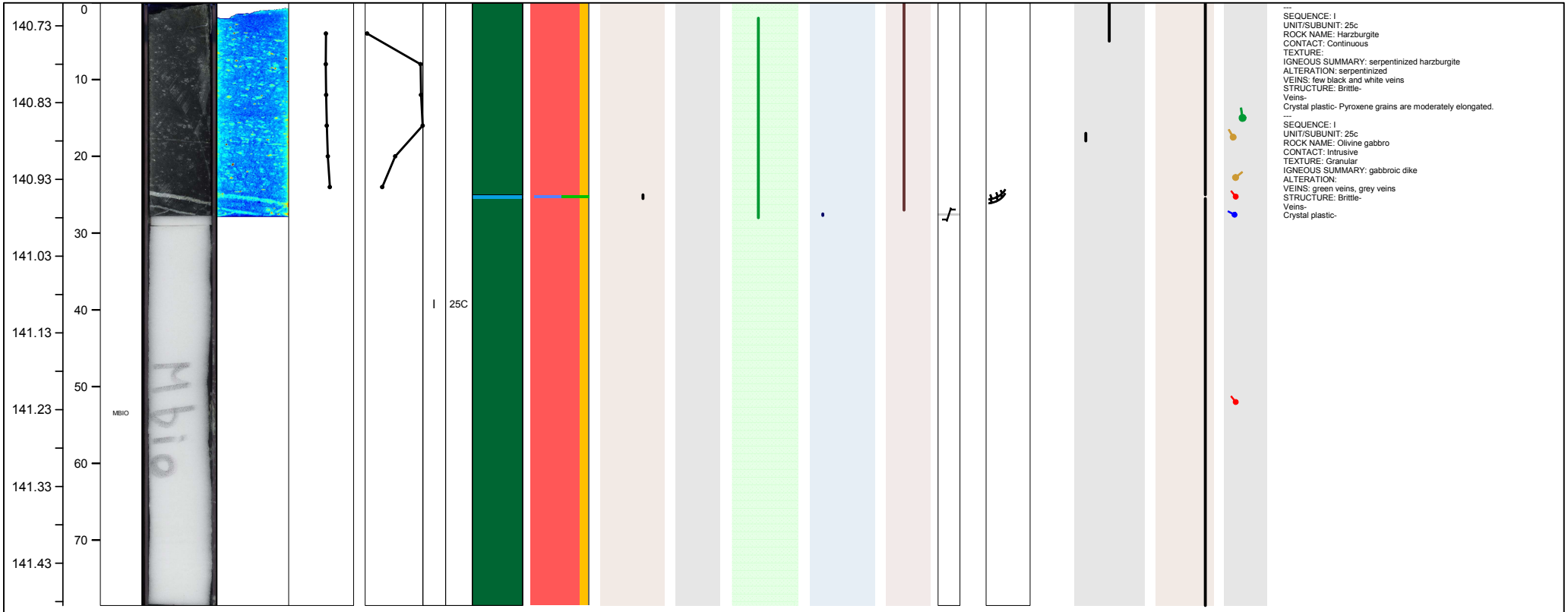
Hole BA4A-52Z Section 3, Top of Section 139.19 (m CCD)



Hole BA4A-52Z Section 4, Top of Section 139.96 (m CCD)



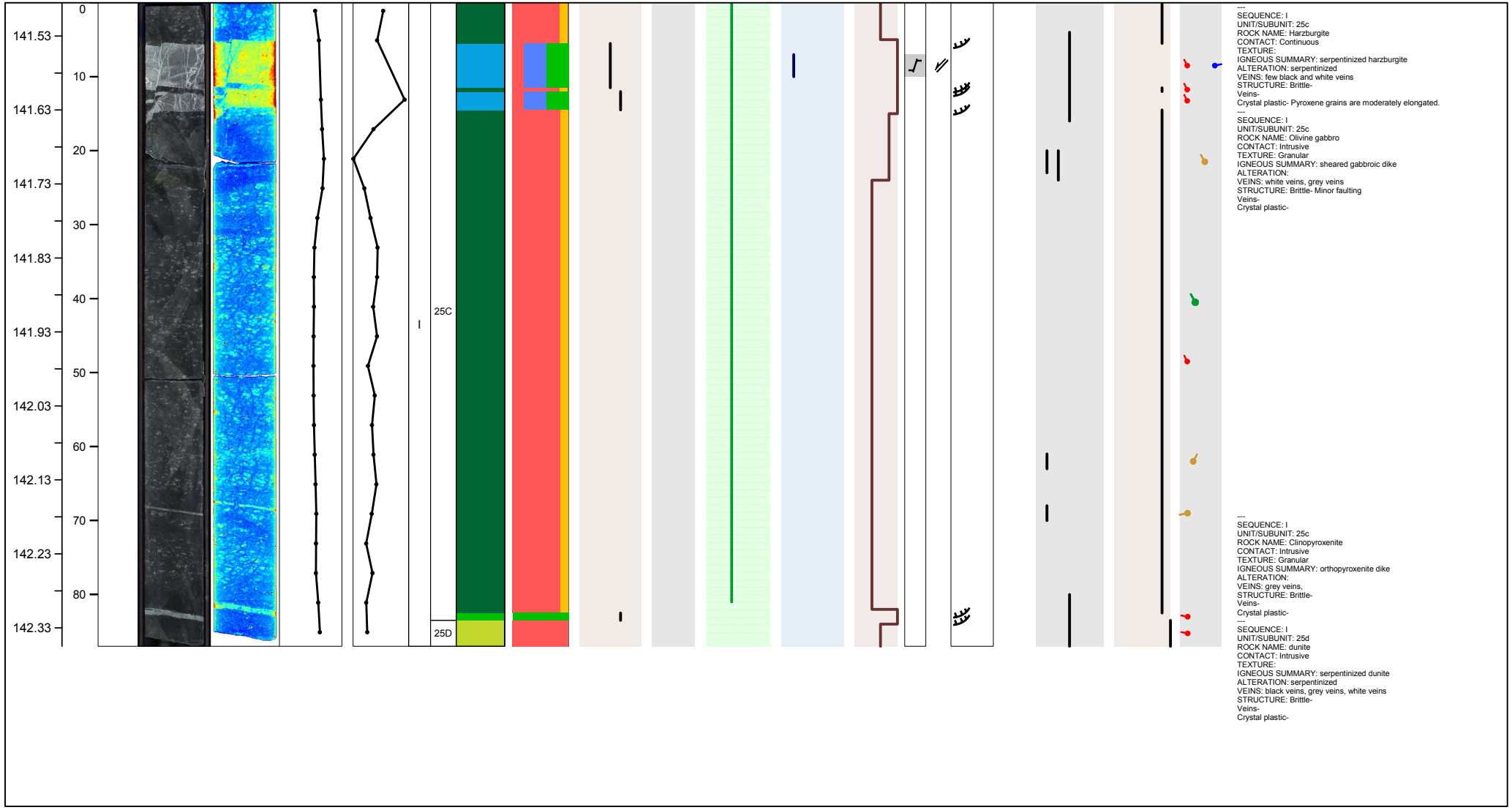
Hole BA4A-53Z Section 1, Top of Section 140.70 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 25c
ROCK NAME: Harzburgite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized harzburgite
ALTERATION: serpentinized
VEINS: few black and white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are moderately elongated.

SEQUENCE: I
UNIT/SUBUNIT: 25c
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS: green veins, grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-53Z Section 2, Top of Section 141.49 (m CCD)



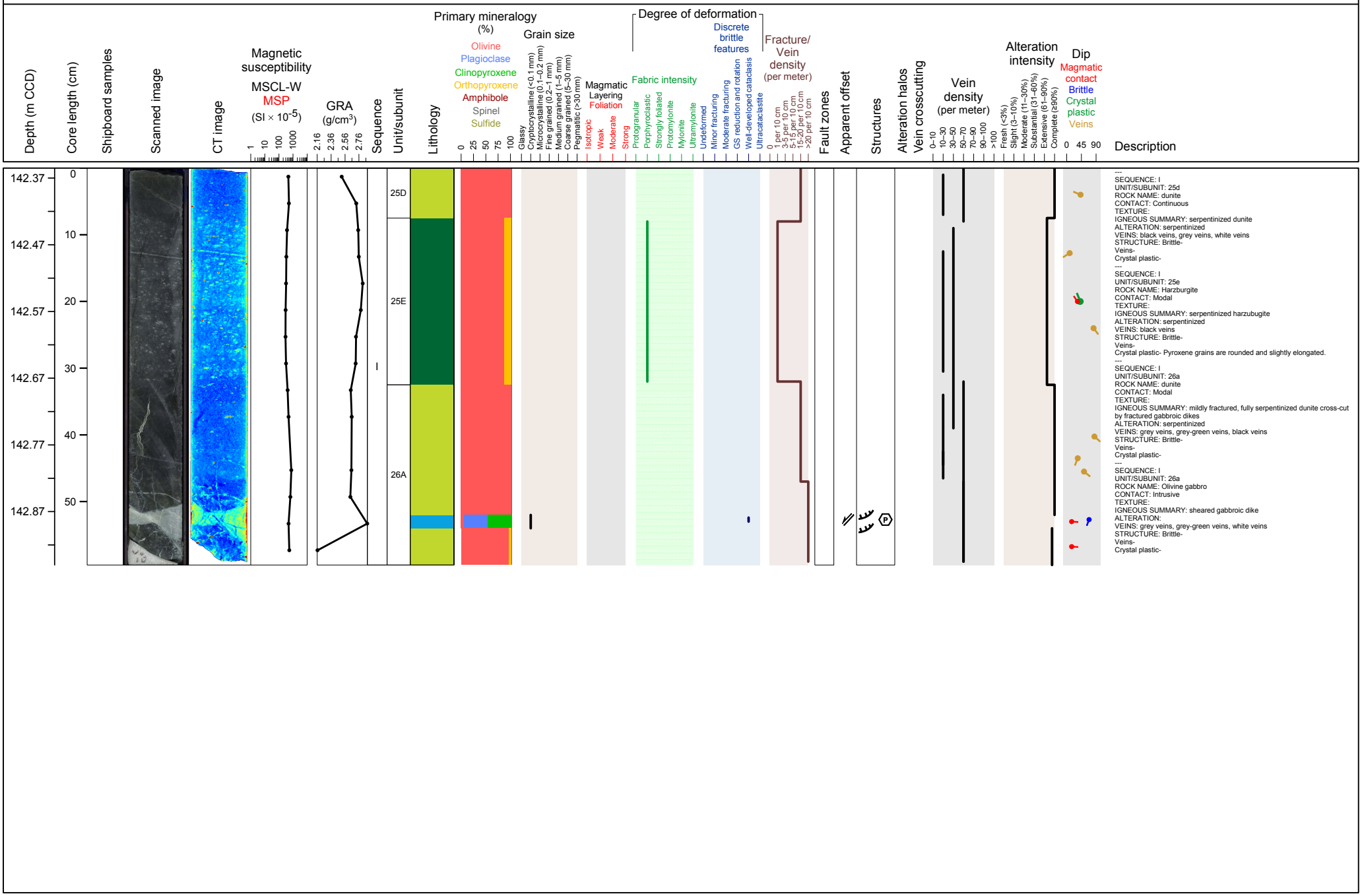
SEQUENCE: I
UNIT/SUBUNIT: 25c
ROCK NAME: Harzburgite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized harzburgite
ALTERATION: serpentinized
VEINS: few black and white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are moderately elongated.

SEQUENCE: I
UNIT/SUBUNIT: 25c
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: sheared gabbroic dike
ALTERATION:
VEINS: white veins, grey veins
STRUCTURE: Brittle- Minor faulting
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 25c
ROCK NAME: Clinopyroxenite
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: orthopyroxenite dike
ALTERATION:
VEINS: grey veins,
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 25d
ROCK NAME: dunite
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite
ALTERATION: serpentinized
VEINS: black veins, grey veins, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-53Z Section 3, Top of Section 142.36 (m CCD)



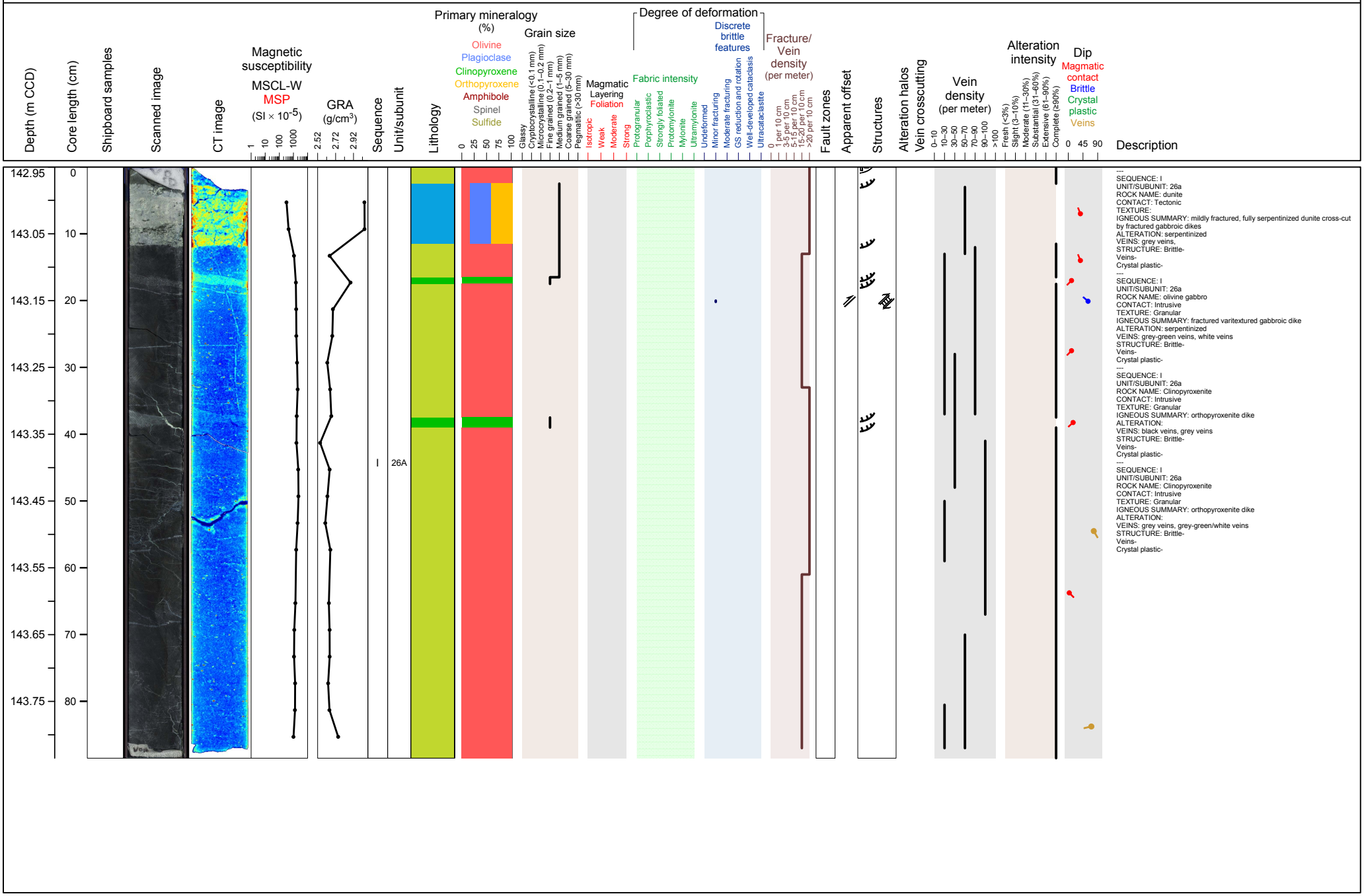
SEQUENCE: I
UNIT/SUBUNIT: 25d
ROCK NAME: dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite
ALTERATION: serpentinized
VEINS: black veins, grey veins, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 25e
ROCK NAME: Harzburgite
CONTACT: Modal
TEXTURE:
IGNEOUS SUMMARY: serpentinized harzubugite
ALTERATION: serpentinized
VEINS: black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

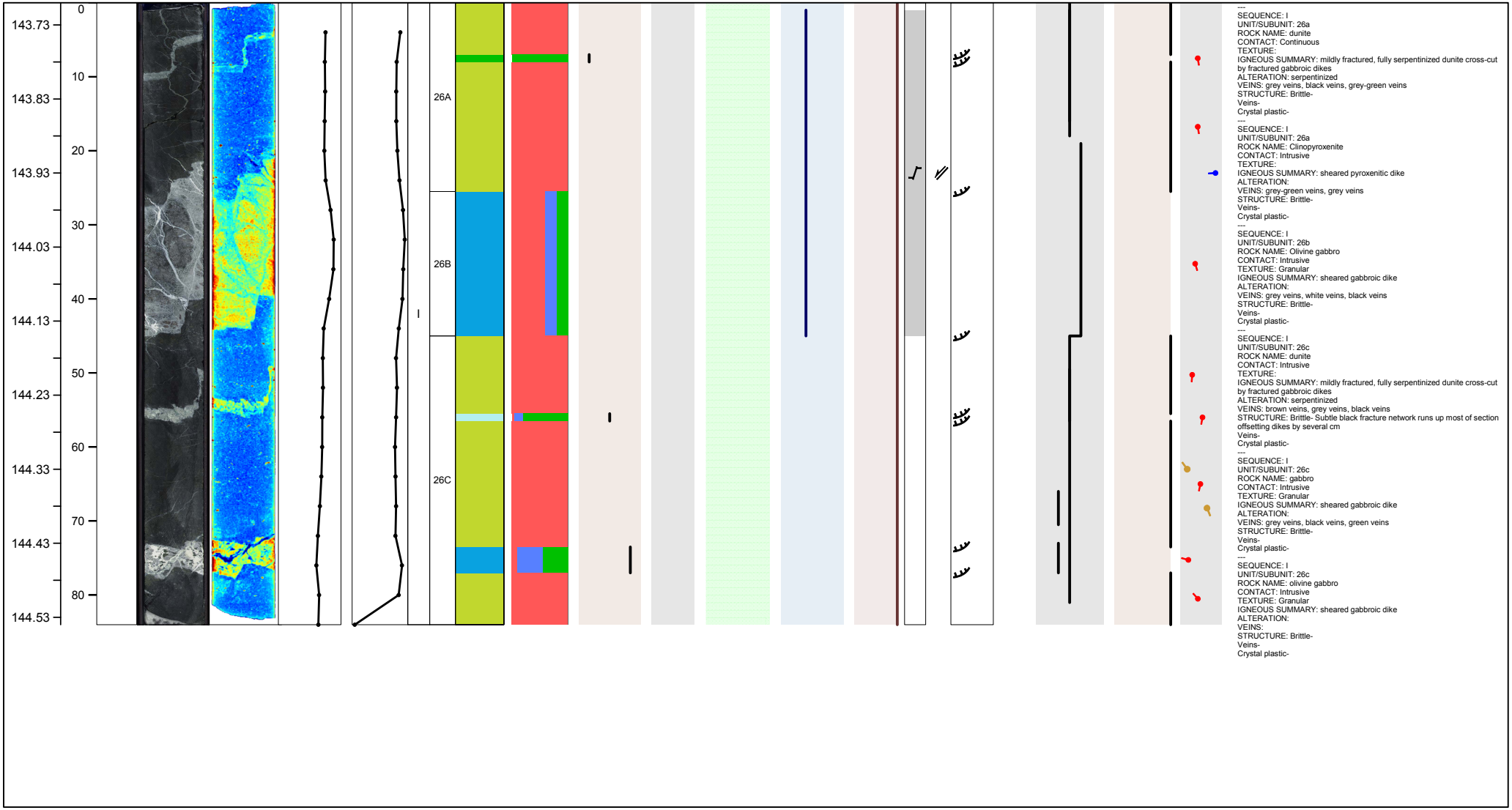
SEQUENCE: I
UNIT/SUBUNIT: 26a
ROCK NAME: dunite
CONTACT: Modal
TEXTURE:
IGNEOUS SUMMARY: mildly fractured, fully serpentinized dunite cross-cut by fractured gabbroic dikes
ALTERATION: serpentinized
VEINS: grey veins, grey-green veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 26a
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: sheared gabbroic dike
ALTERATION:
VEINS: grey veins, grey-green veins, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-53Z Section 4, Top of Section 142.95 (m CCD)



Hole BA4A-54Z Section 1, Top of Section 143.70 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 26a
ROCK NAME: dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: mildly fractured, fully serpentinized dunite cross-cut by fractured gabbroic dikes
ALTERATION: serpentinized
VEINS: grey veins, black veins, grey-green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 26a
ROCK NAME: Clinopyroxenite
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: sheared pyroxenitic dike
ALTERATION:
VEINS: grey-green veins, grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

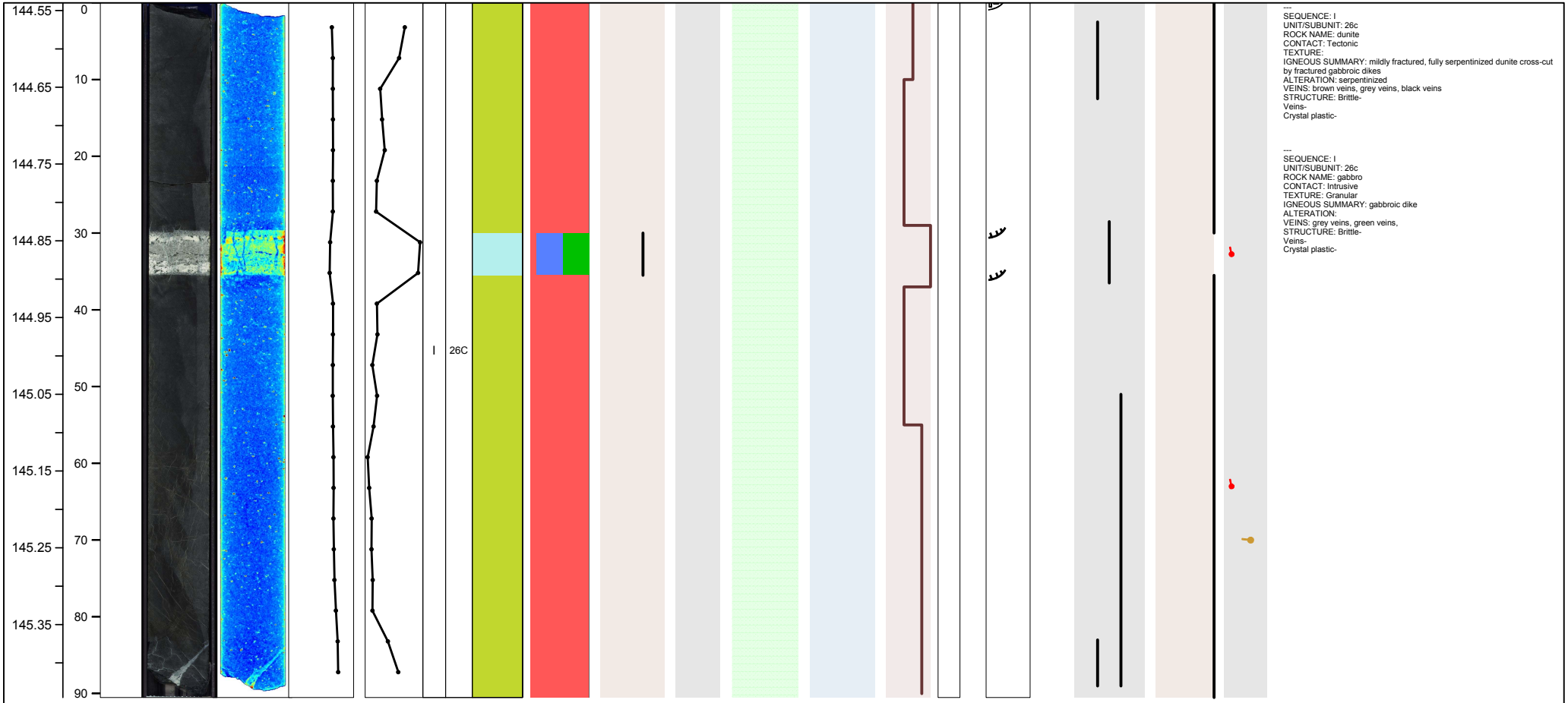
SEQUENCE: I
UNIT/SUBUNIT: 26b
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: sheared gabbroic dike
ALTERATION:
VEINS: grey veins, white veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 26c
ROCK NAME: dunite
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: mildly fractured, fully serpentinized dunite cross-cut by fractured gabbroic dikes
ALTERATION: serpentinized
VEINS: brown veins, grey veins, black veins
STRUCTURE: Brittle- Subtle black fracture network runs up most of section offsetting dikes by several cm
Veins-
Crystal plastic-

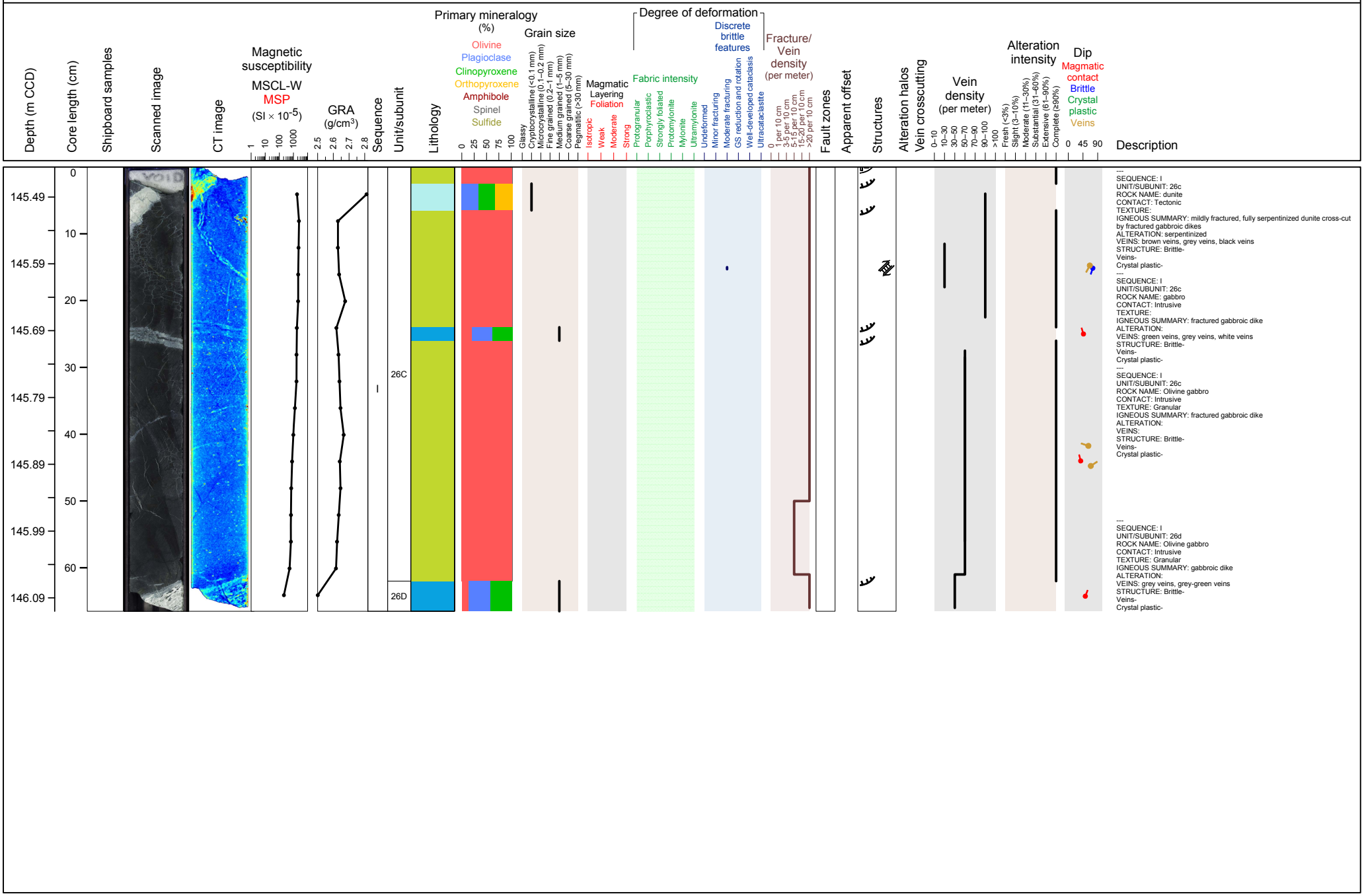
SEQUENCE: I
UNIT/SUBUNIT: 26c
ROCK NAME: gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: sheared gabbroic dike
ALTERATION:
VEINS: grey veins, black veins, green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 26c
ROCK NAME: olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: sheared gabbroic dike
ALTERATION:
VEINS:
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-54Z Section 2, Top of Section 144.54 (m CCD)



Hole BA4A-54Z Section 3, Top of Section 145.45 (m CCD)



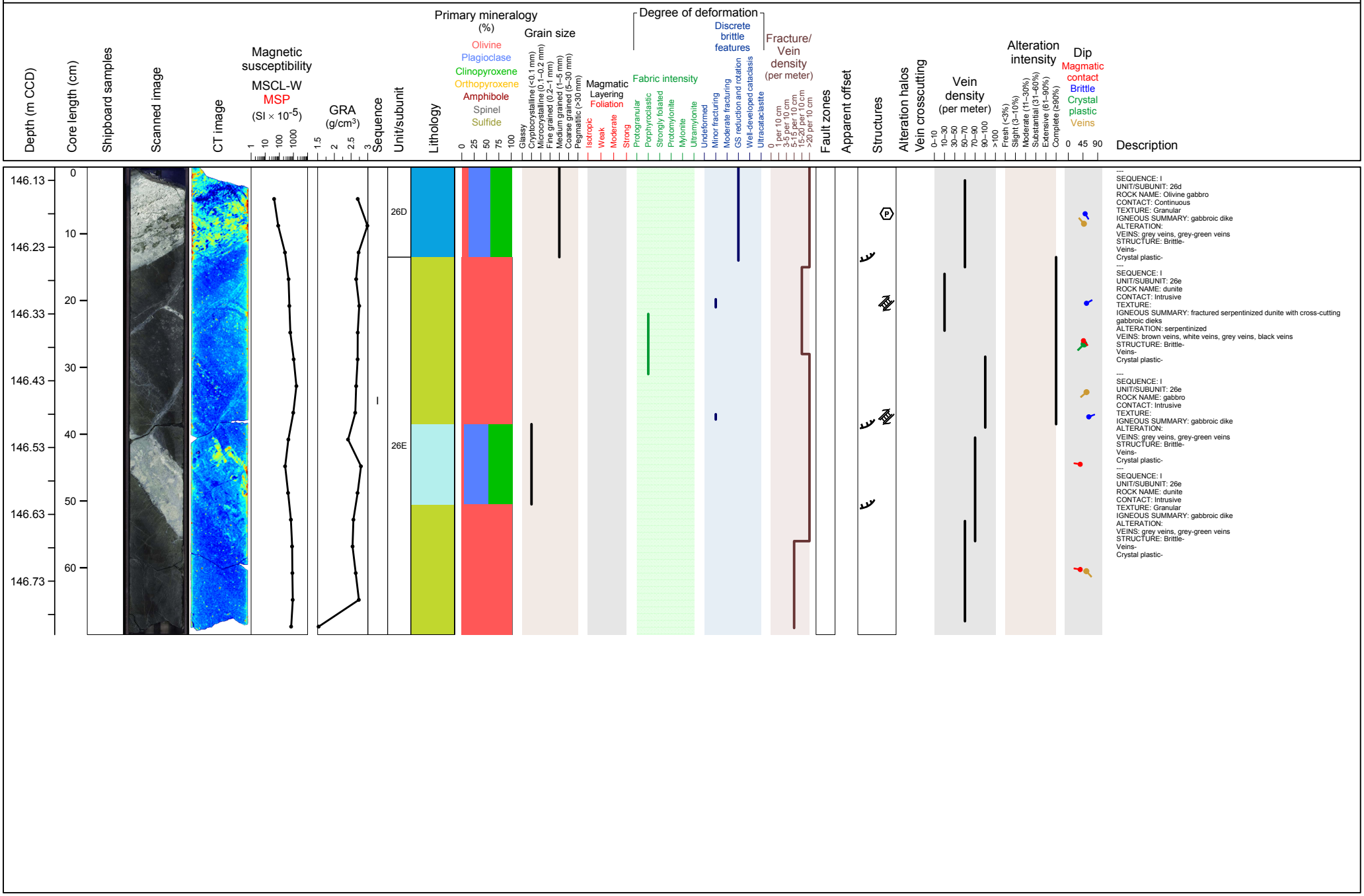
SEQUENCE: I
UNIT/SUBUNIT: 26c
ROCK NAME: dunite
CONTACT: Tectonic
TEXTURE:
IGNEOUS SUMMARY: mildly fractured, fully serpentinized dunite cross-cut by fractured gabbroic dikes
ALTERATION: serpentinized
VEINS: brown veins, grey veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 26c
ROCK NAME: gabbro
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: fractured gabbroic dike
ALTERATION:
VEINS: green veins, grey veins, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 26c
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: fractured gabbroic dike
ALTERATION:
VEINS:
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 26d
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS: grey veins, grey-green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-54Z Section 4, Top of Section 146.11 (m CCD)



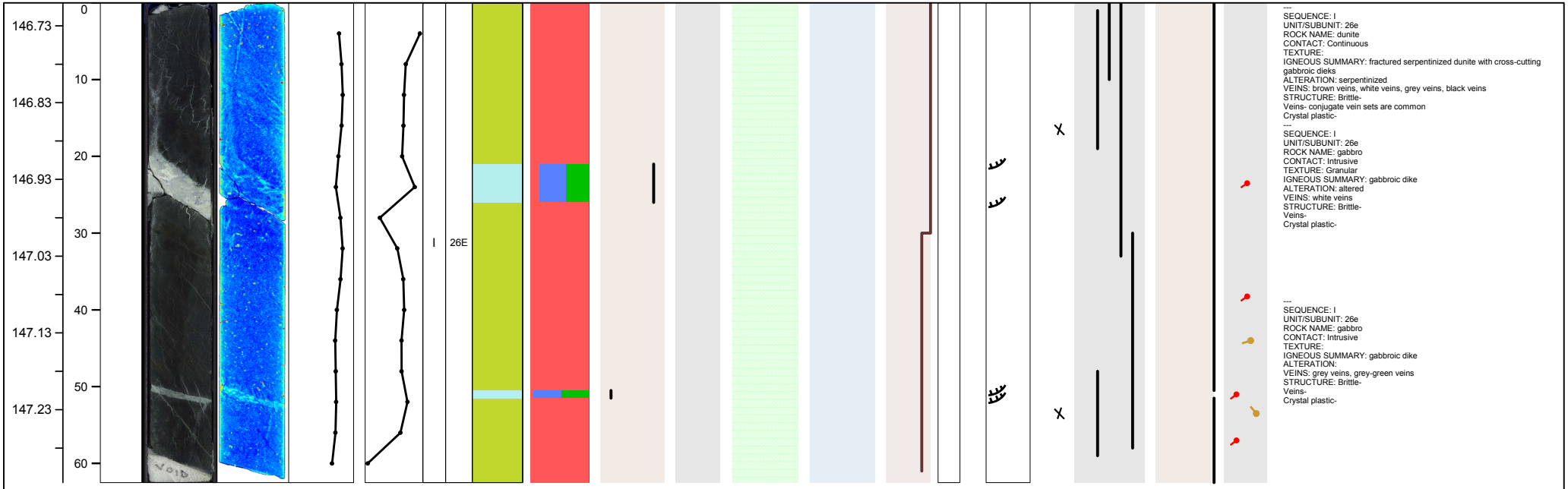
SEQUENCE: I
UNIT/SUBUNIT: 26d
ROCK NAME: Olivine gabbro
CONTACT: Continuous
TEXTURE: Granular
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS: grey veins, grey-green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 26e
ROCK NAME: dunite
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: fractured serpentinized dunite with cross-cutting gabbroic dieks
ALTERATION: serpentinized
VEINS: brown veins, white veins, grey veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

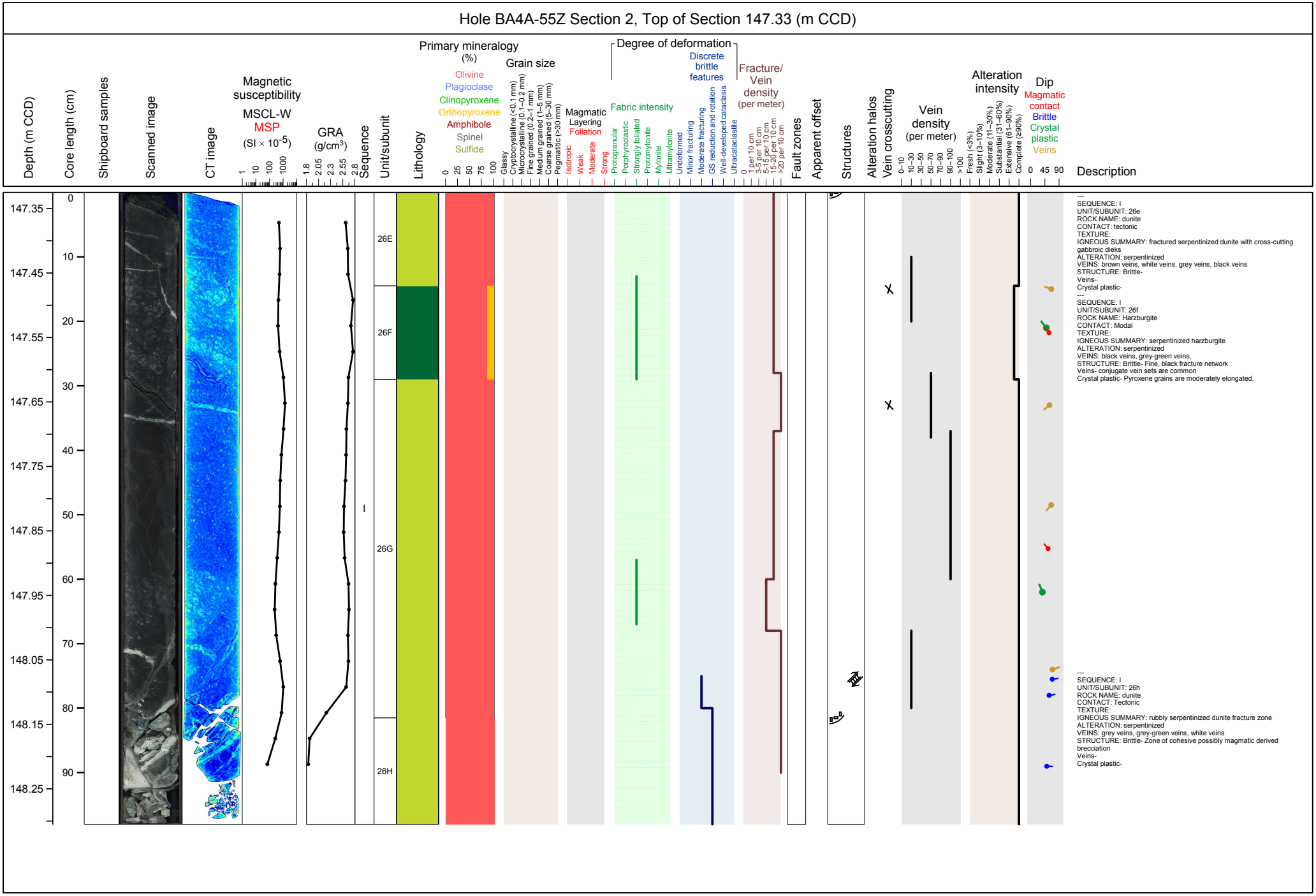
SEQUENCE: I
UNIT/SUBUNIT: 26e
ROCK NAME: gabbro
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS: grey veins, grey-green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 26e
ROCK NAME: dunite
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS: grey veins, grey-green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-55Z Section 1, Top of Section 146.70 (m CCD)



Hole BA4A-55Z Section 2, Top of Section 147.33 (m CCD)

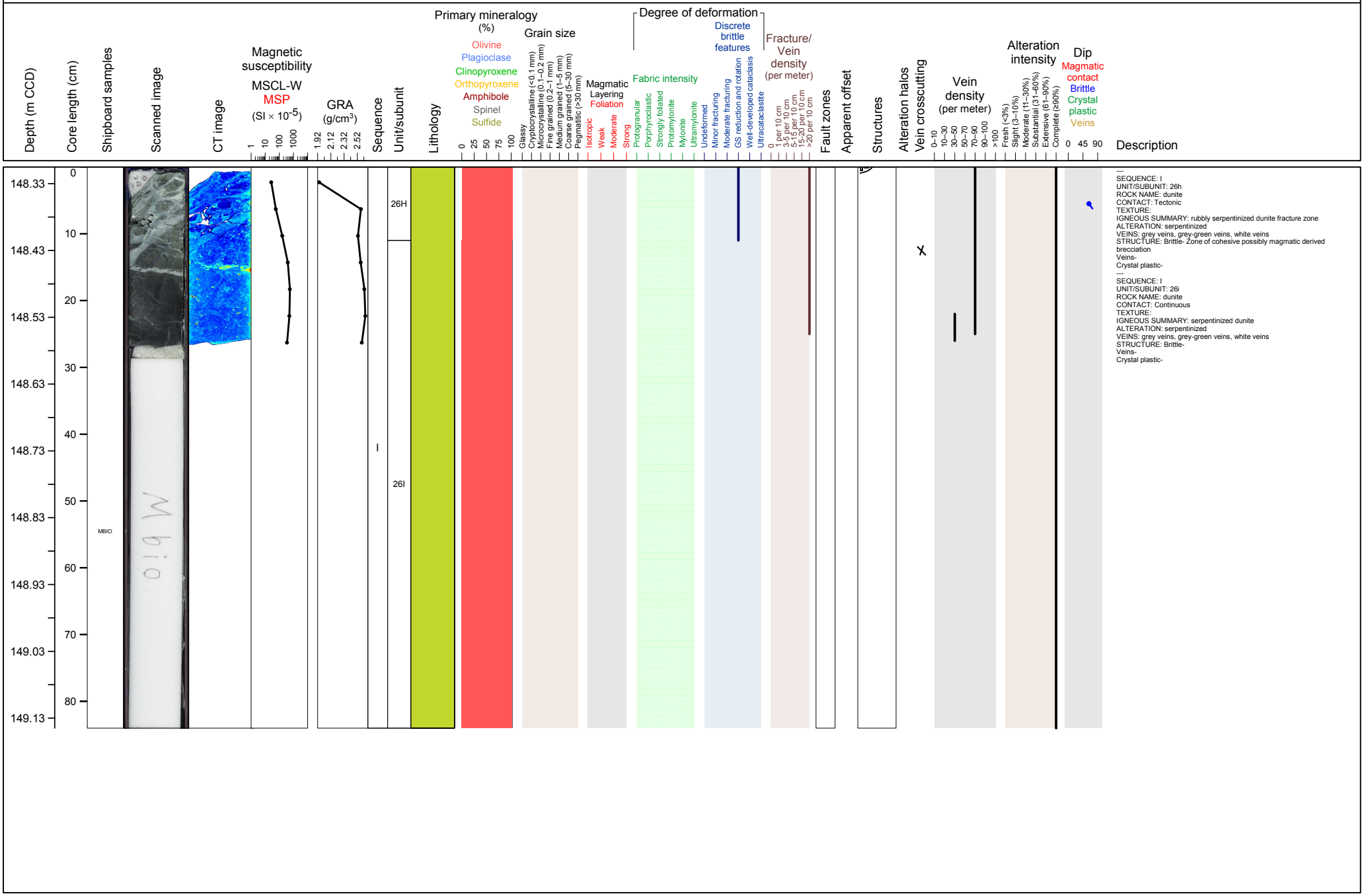


SEQUENCE: I
UNIT/SUBUNIT: 26e
ROCK NAME: dunite
CONTACT: tectonic
TEXTURE:
IGNEOUS SUMMARY: fractured serpentinized dunite with cross-cutting gabbroic dieks
ALTERATION: serpentinized
VEINS: brown veins, white veins, grey veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

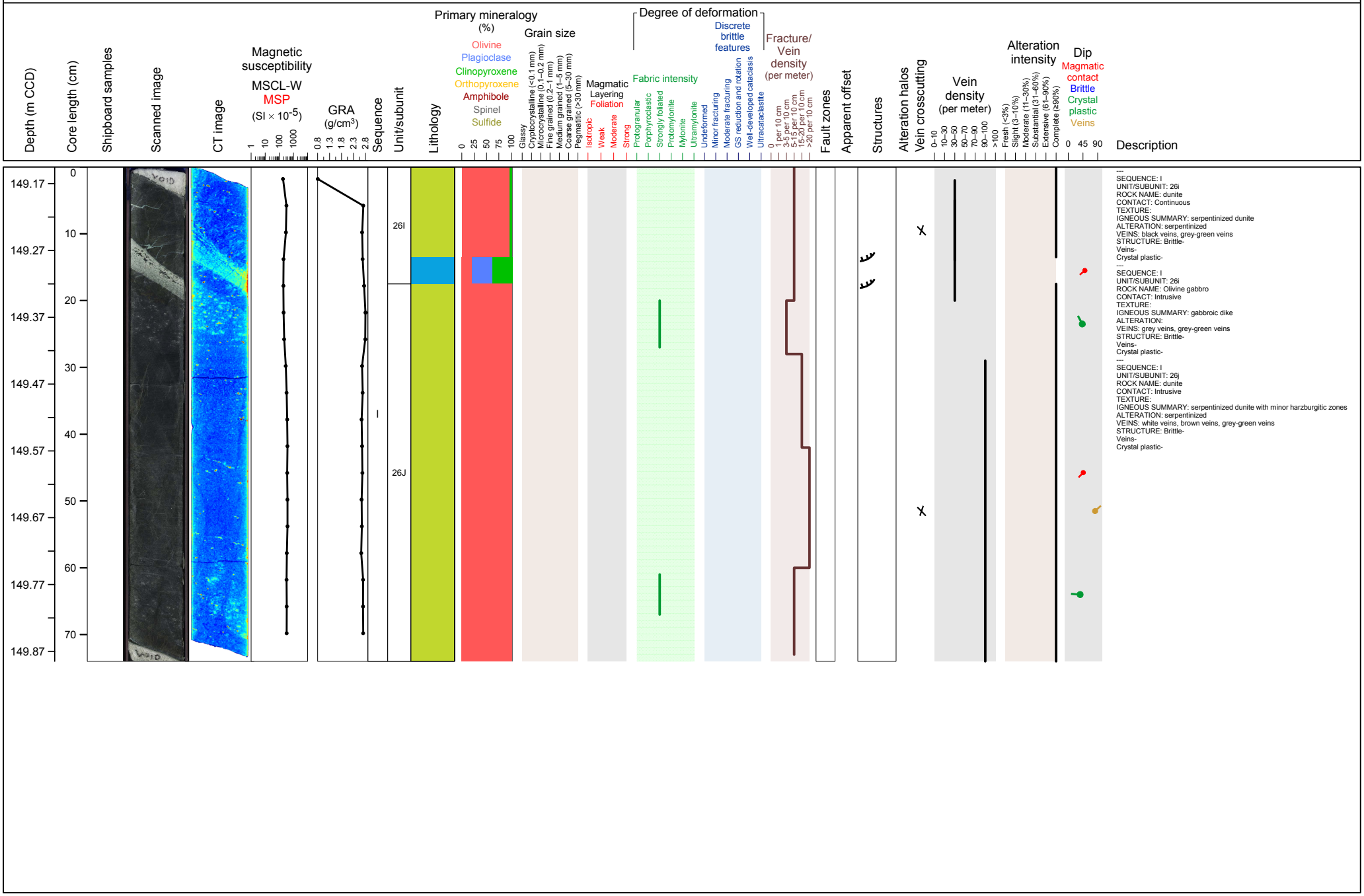
SEQUENCE: I
UNIT/SUBUNIT: 26f
ROCK NAME: Harzburgite
CONTACT: Modal
TEXTURE:
IGNEOUS SUMMARY: serpentinized harzburgite
ALTERATION: serpentinized
VEINS: black veins, grey-green veins,
STRUCTURE: Brittle- Fine, black fracture network
Veins- conjugate vein sets are common
Crystal plastic- Pyroxene grains are moderately elongated.

SEQUENCE: I
UNIT/SUBUNIT: 26h
ROCK NAME: dunite
CONTACT: Tectonic
TEXTURE:
IGNEOUS SUMMARY: rubbly serpentinized dunite fracture zone
ALTERATION: serpentinized
VEINS: grey veins, grey-green veins, white veins
STRUCTURE: Brittle- Zone of cohesive possibly magmatic derived brecciation
Veins-
Crystal plastic-

Hole BA4A-55Z Section 3, Top of Section 148.31 (m CCD)



Hole BA4A-55Z Section 4, Top of Section 149.15 (m CCD)

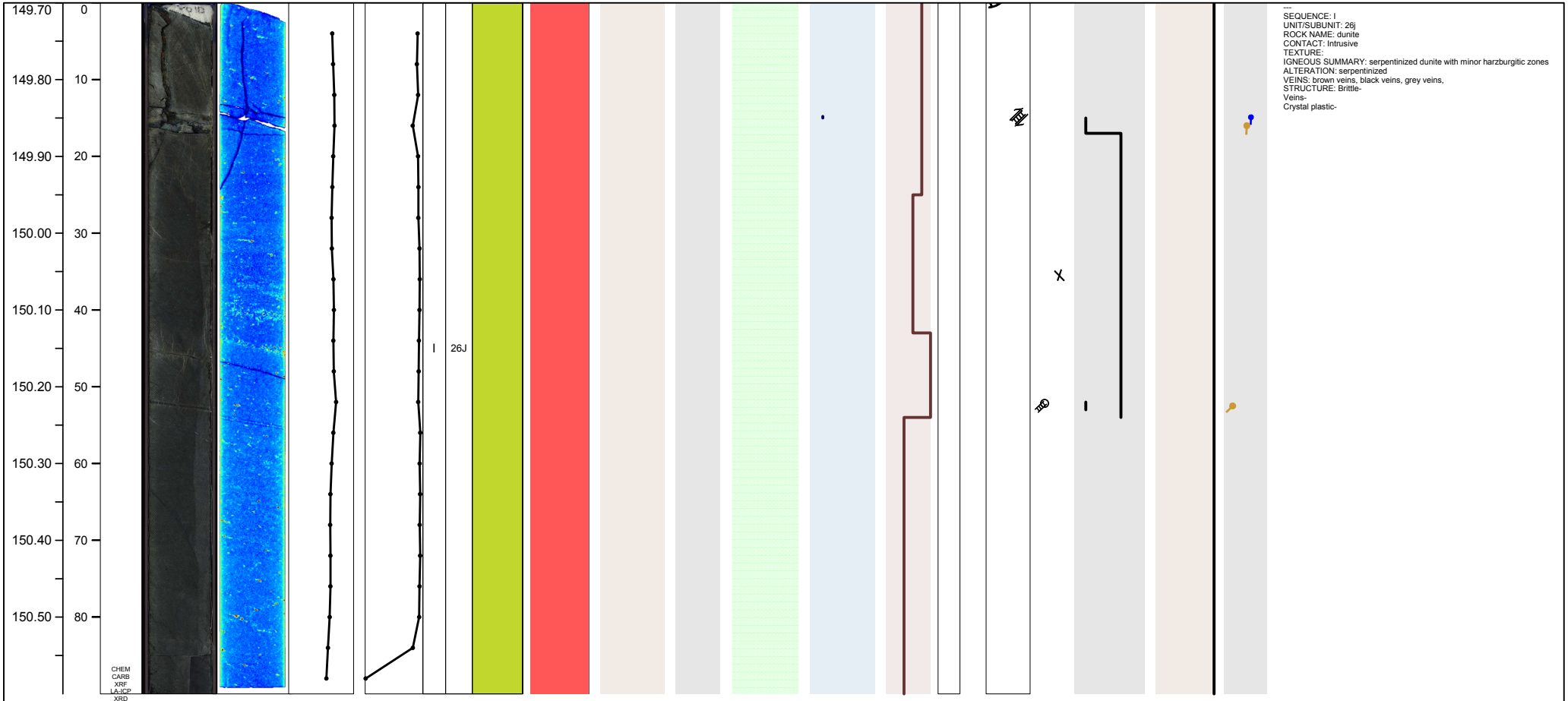


SEQUENCE: I
UNIT/SUBUNIT: 26i
ROCK NAME: dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite
ALTERATION: serpentinized
VEINS: black veins, grey-green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

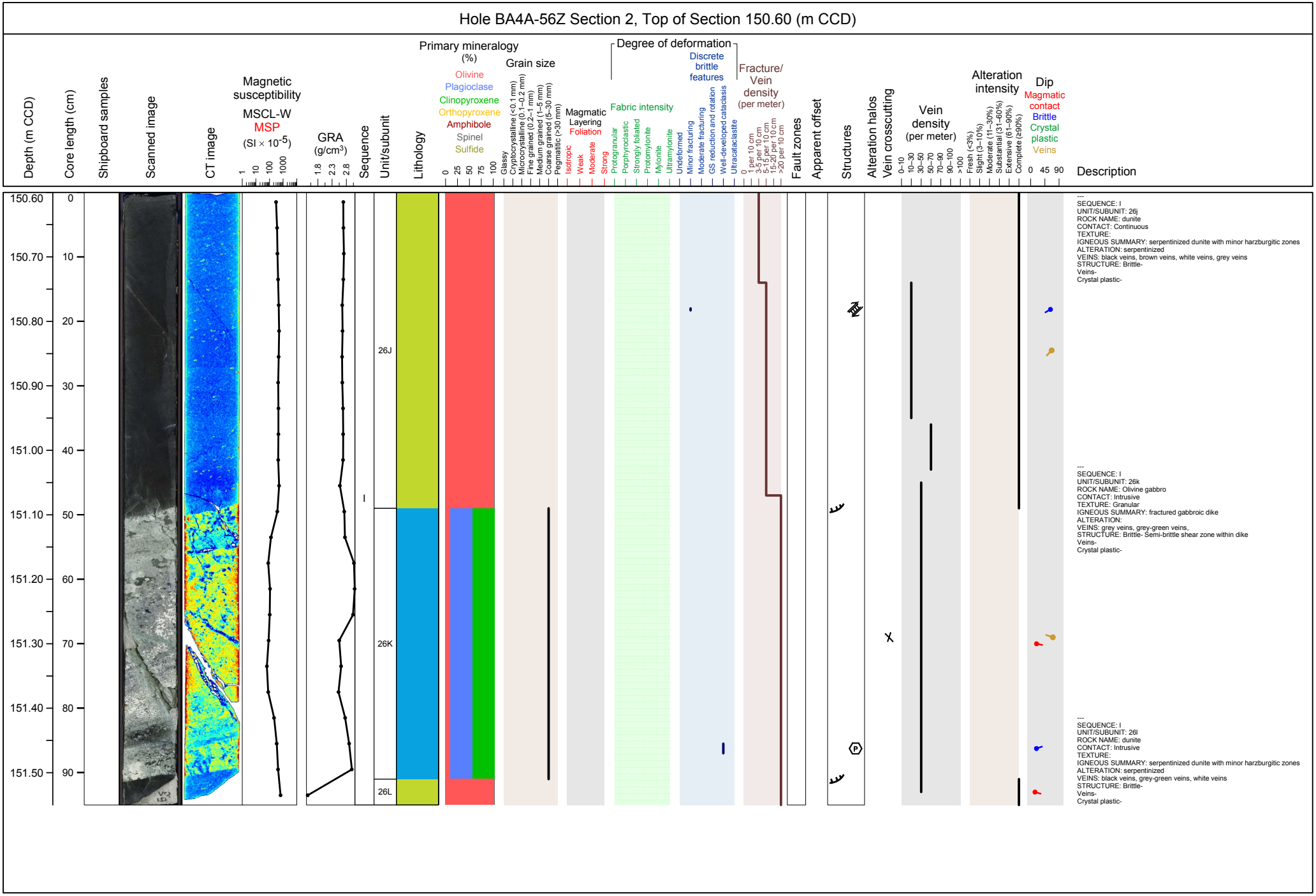
SEQUENCE: I
UNIT/SUBUNIT: 26i
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS: grey veins, grey-green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 26j
ROCK NAME: dunite
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite with minor harzburgitic zones
ALTERATION: serpentinized
VEINS: white veins, brown veins, grey-green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

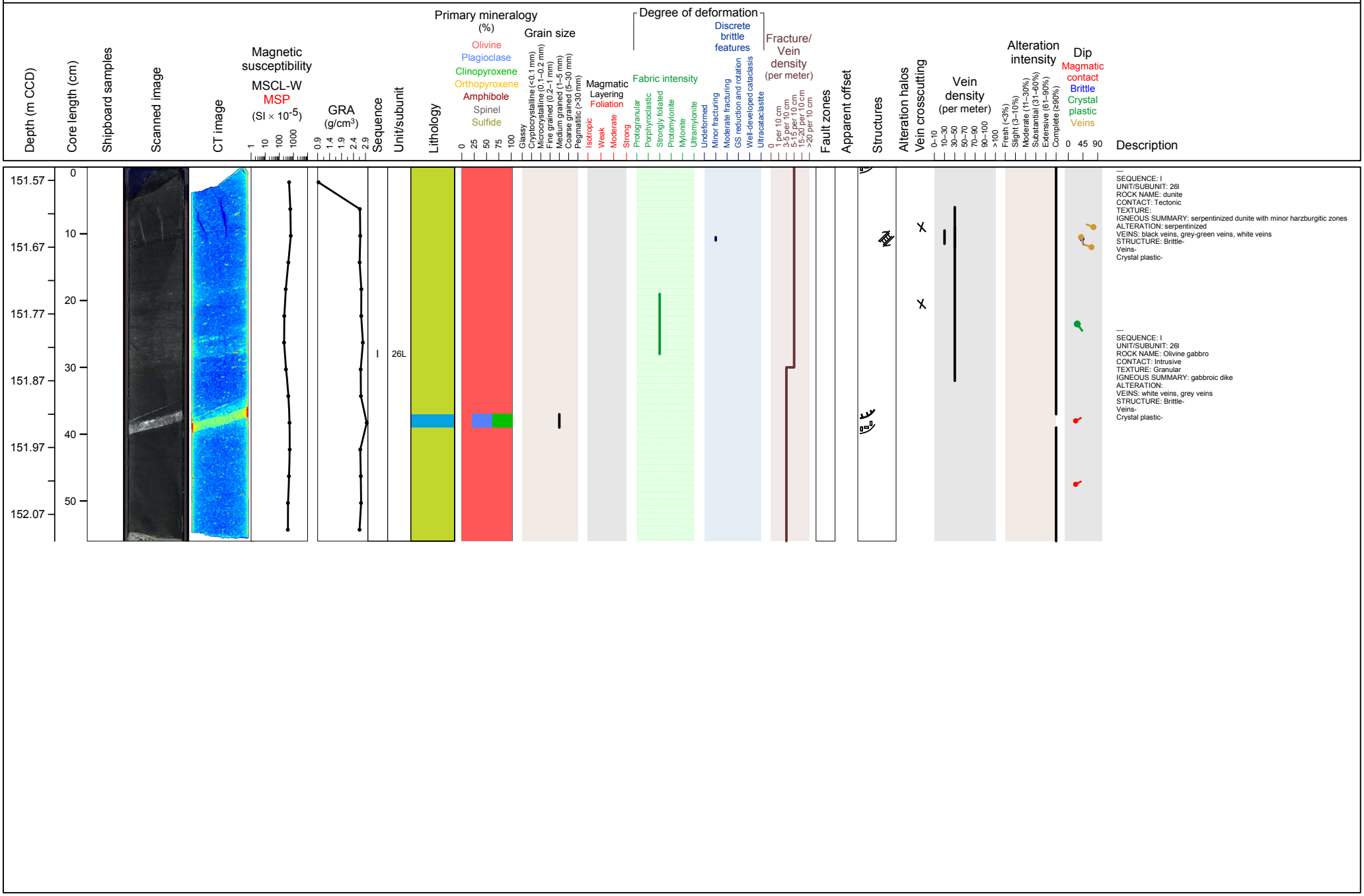
Hole BA4A-56Z Section 1, Top of Section 149.70 (m CCD)



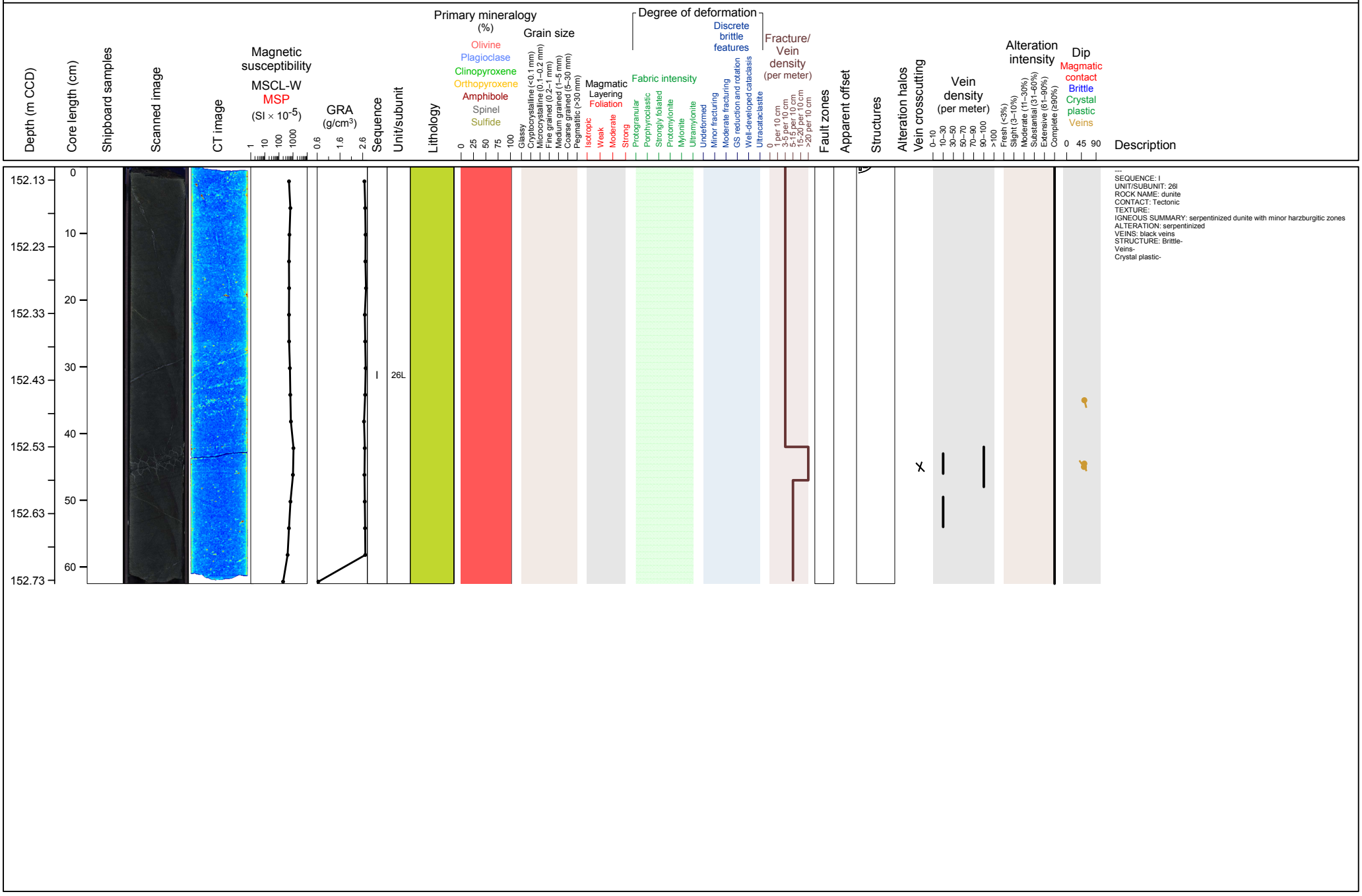
Hole BA4A-56Z Section 2, Top of Section 150.60 (m CCD)



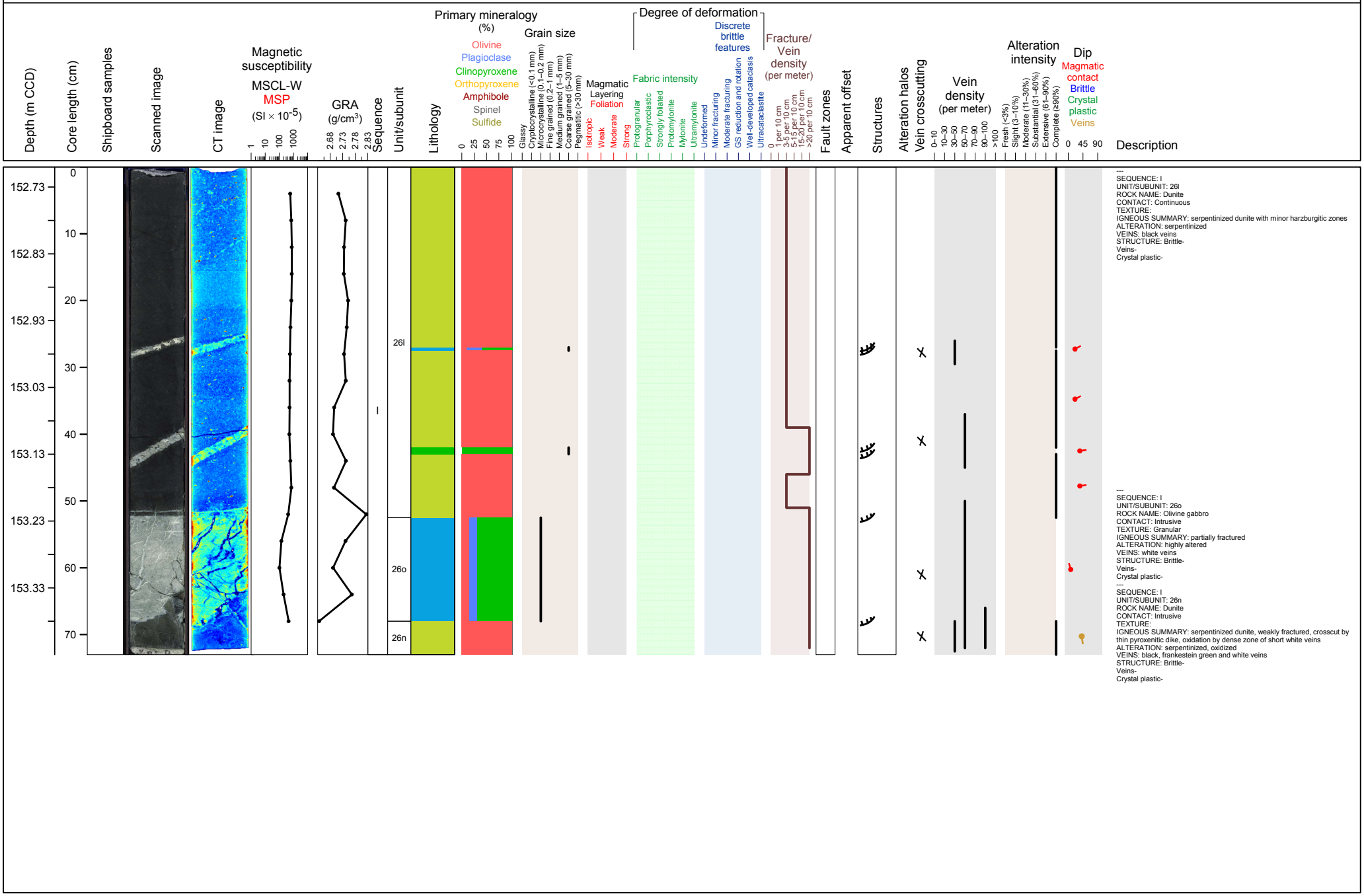
Hole BA4A-56Z Section 3, Top of Section 151.55 (m CCD)



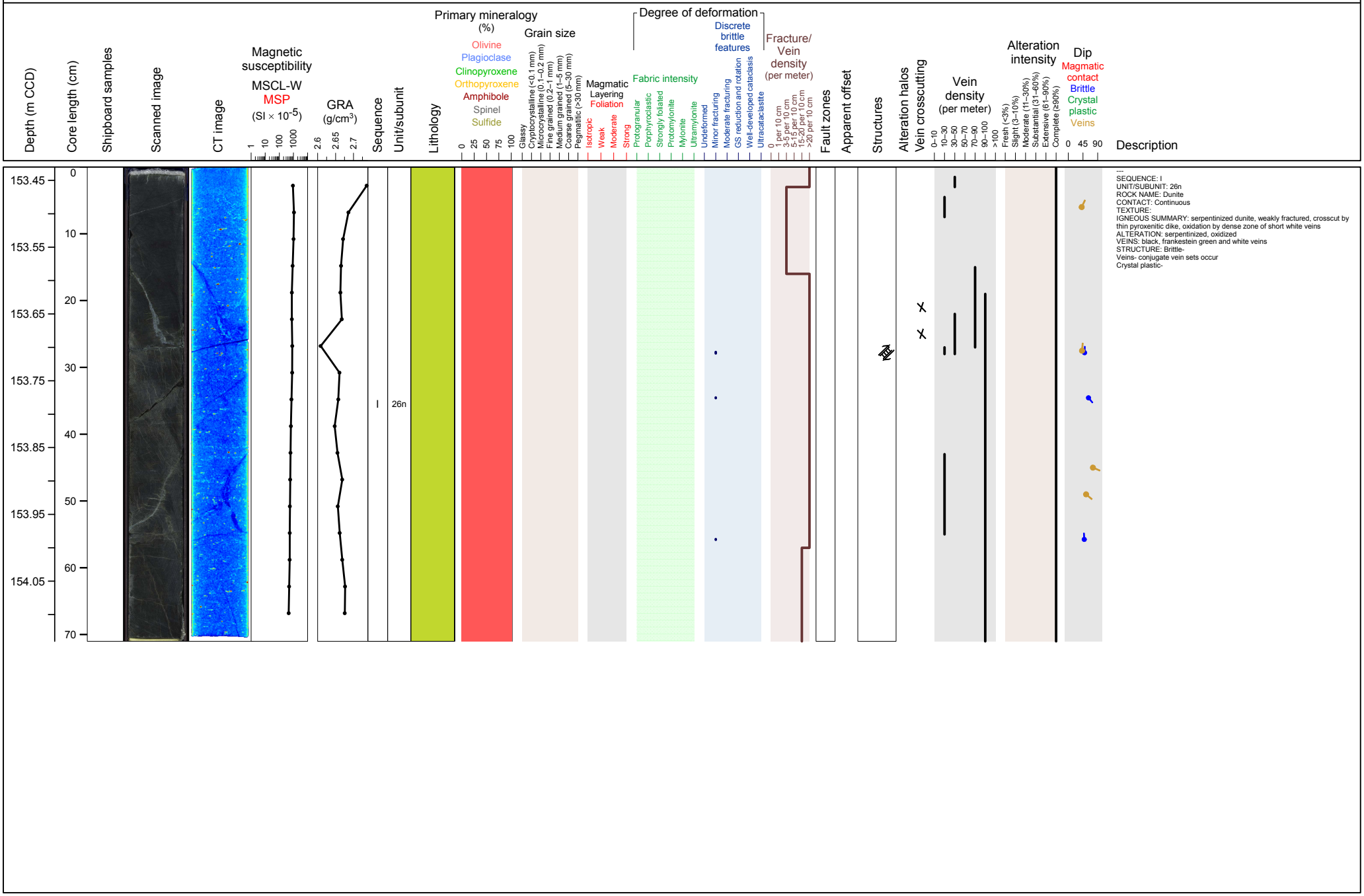
Hole BA4A-56Z Section 4, Top of Section 152.11 (m CCD)



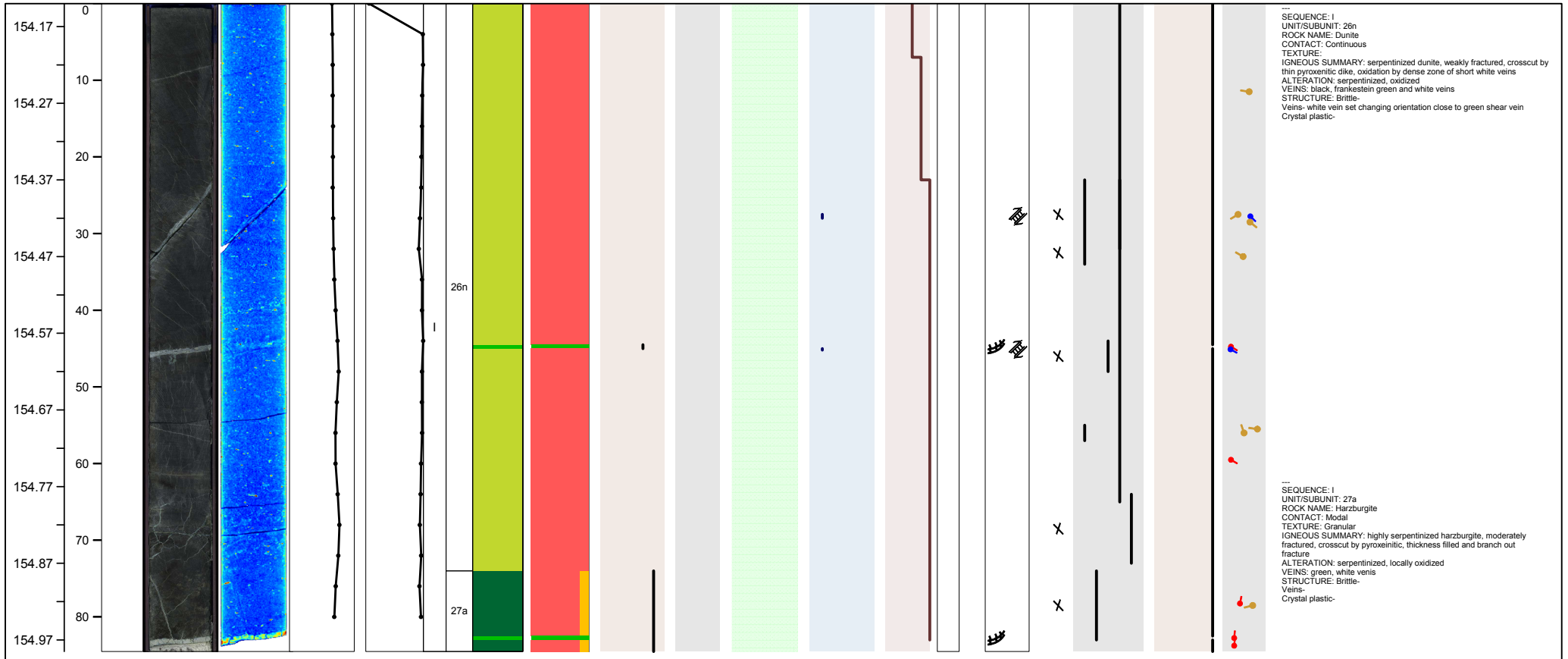
Hole BA4A-57Z Section 1, Top of Section 152.70 (m CCD)



Hole BA4A-57Z Section 2, Top of Section 153.43 (m CCD)



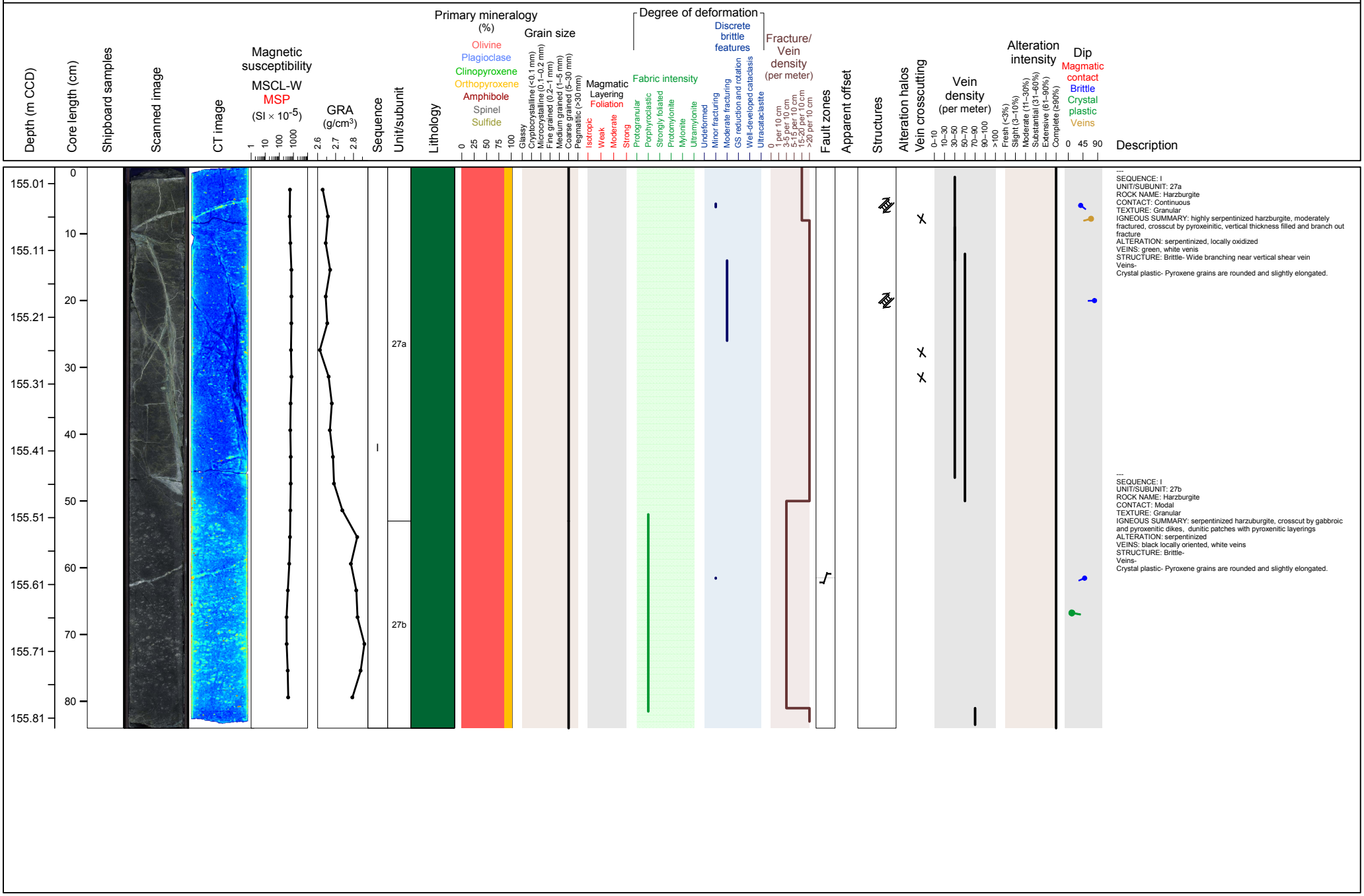
Hole BA4A-57Z Section 3, Top of Section 154.14 (m CCD)



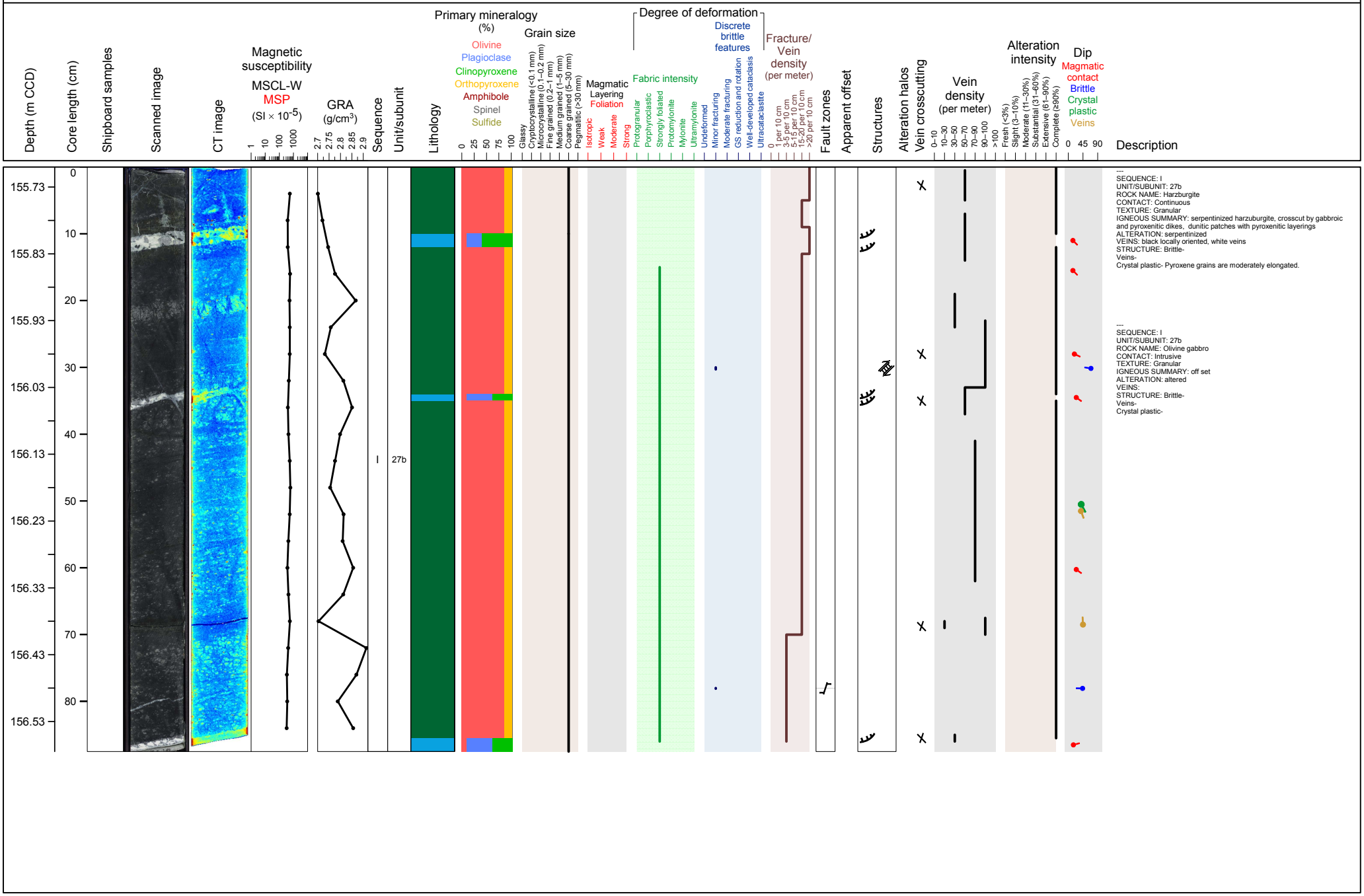
SEQUENCE: I
UNIT/SUBUNIT: 26n
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite, weakly fractured, crosscut by thin pyroxenitic dike, oxidation by dense zone of short white veins
ALTERATION: serpentinized, oxidized
VEINS: black, frankestein green and white veins
STRUCTURE: Brittle-
Veins- white vein set changing orientation close to green shear vein
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 27a
ROCK NAME: Harzburgite
CONTACT: Modal
TEXTURE: Granular
IGNEOUS SUMMARY: highly serpentinized harzburgite, moderately fractured, crosscut by pyroxeinitic, thickness filled and branch out fracture
ALTERATION: serpentinized, locally oxidized
VEINS: green, white venis
STRUCTURE: Brittle-
Veins-
Crystal plastic-

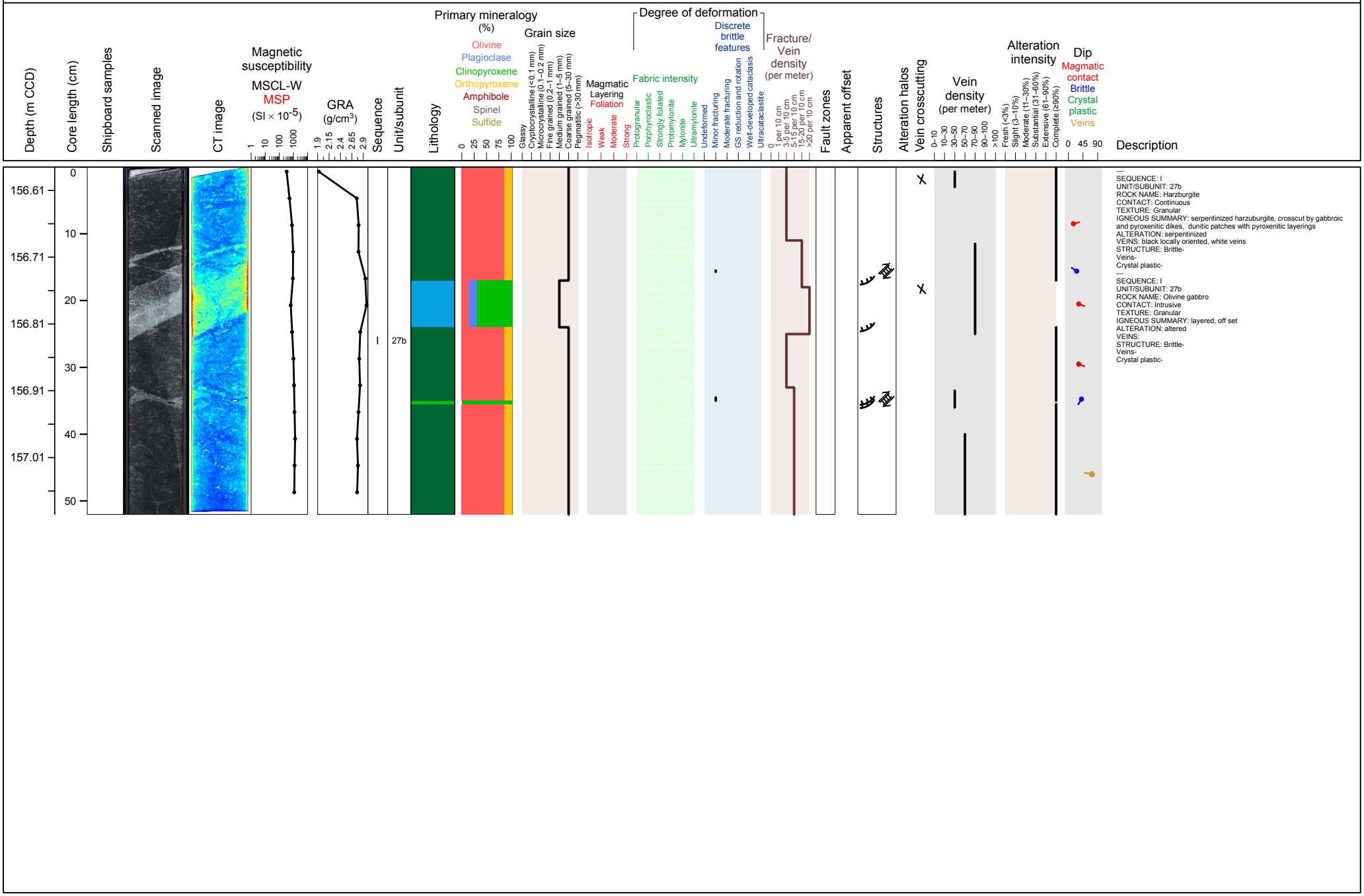
Hole BA4A-57Z Section 4, Top of Section 154.99 (m CCD)



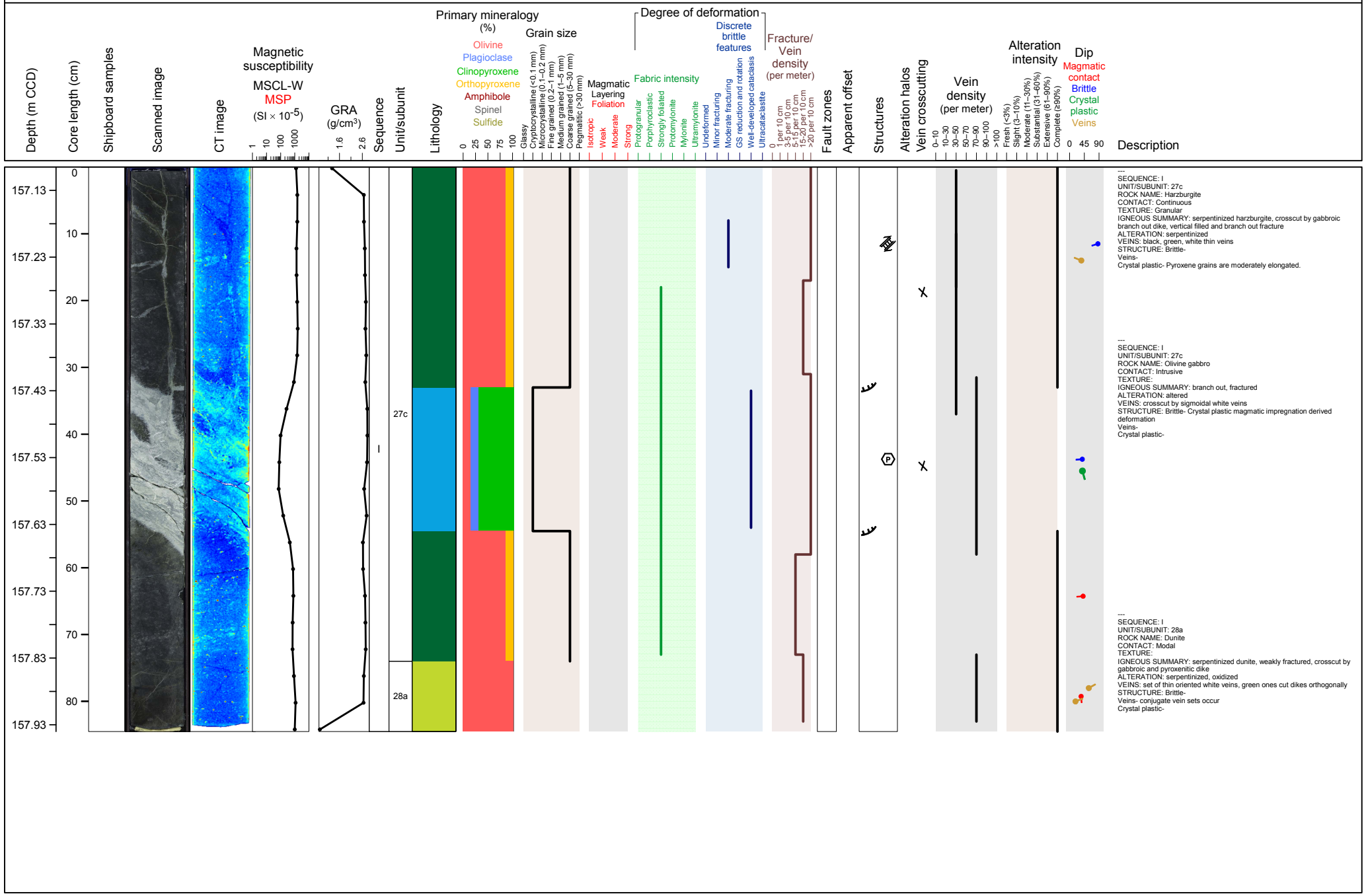
Hole BA4A-58Z Section 1, Top of Section 155.70 (m CCD)



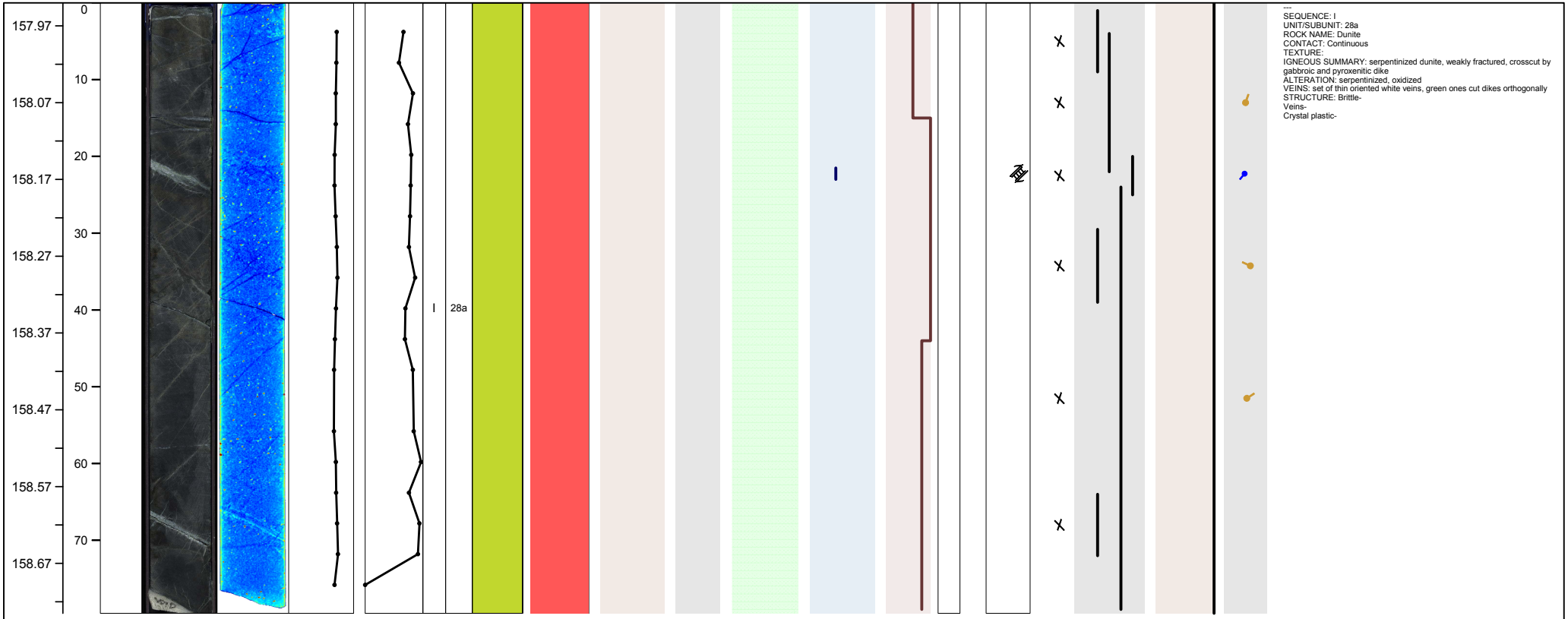
Hole BA4A-58Z Section 2, Top of Section 156.58 (m CCD)



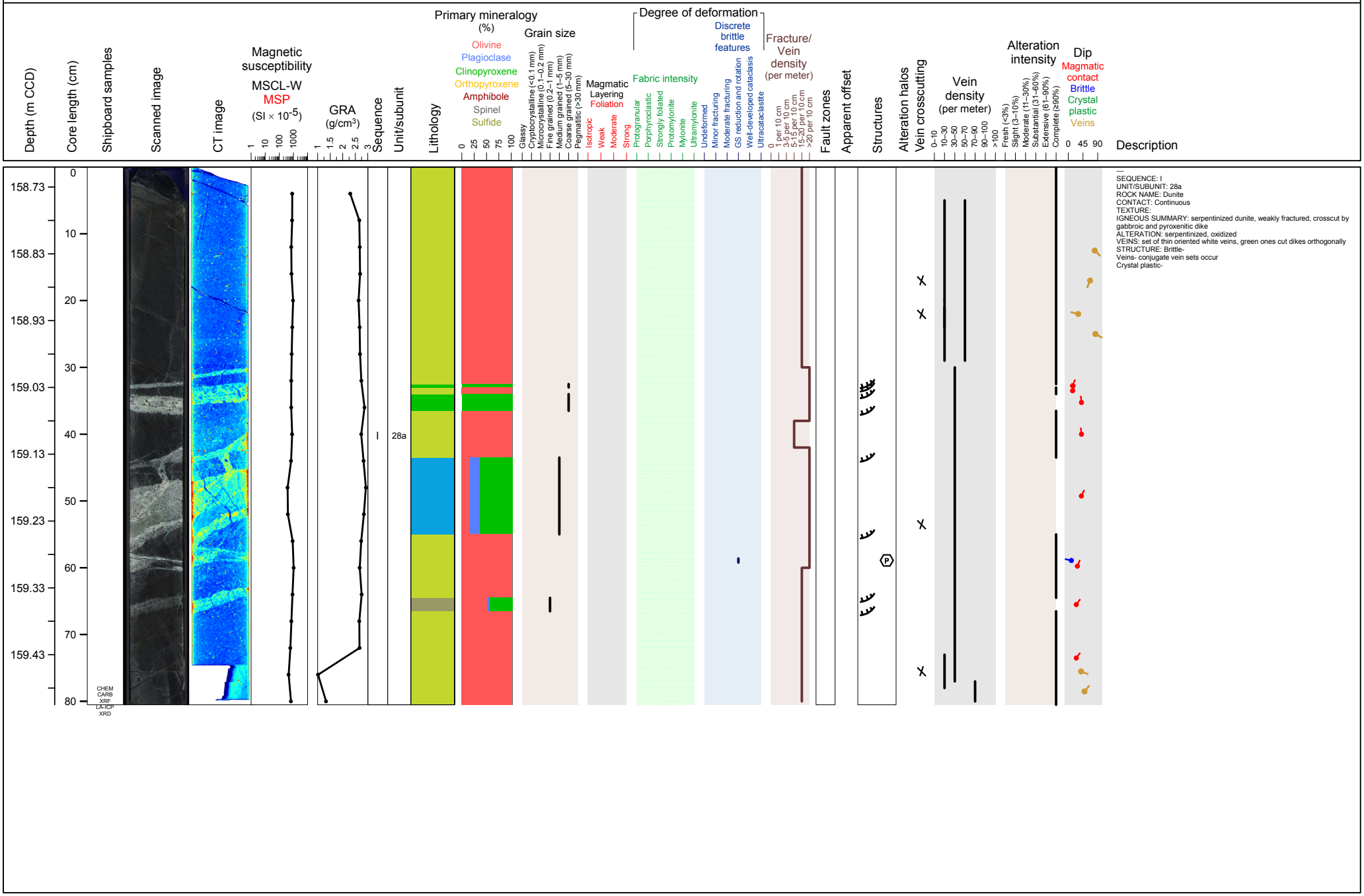
Hole BA4A-58Z Section 3, Top of Section 157.10 (m CCD)



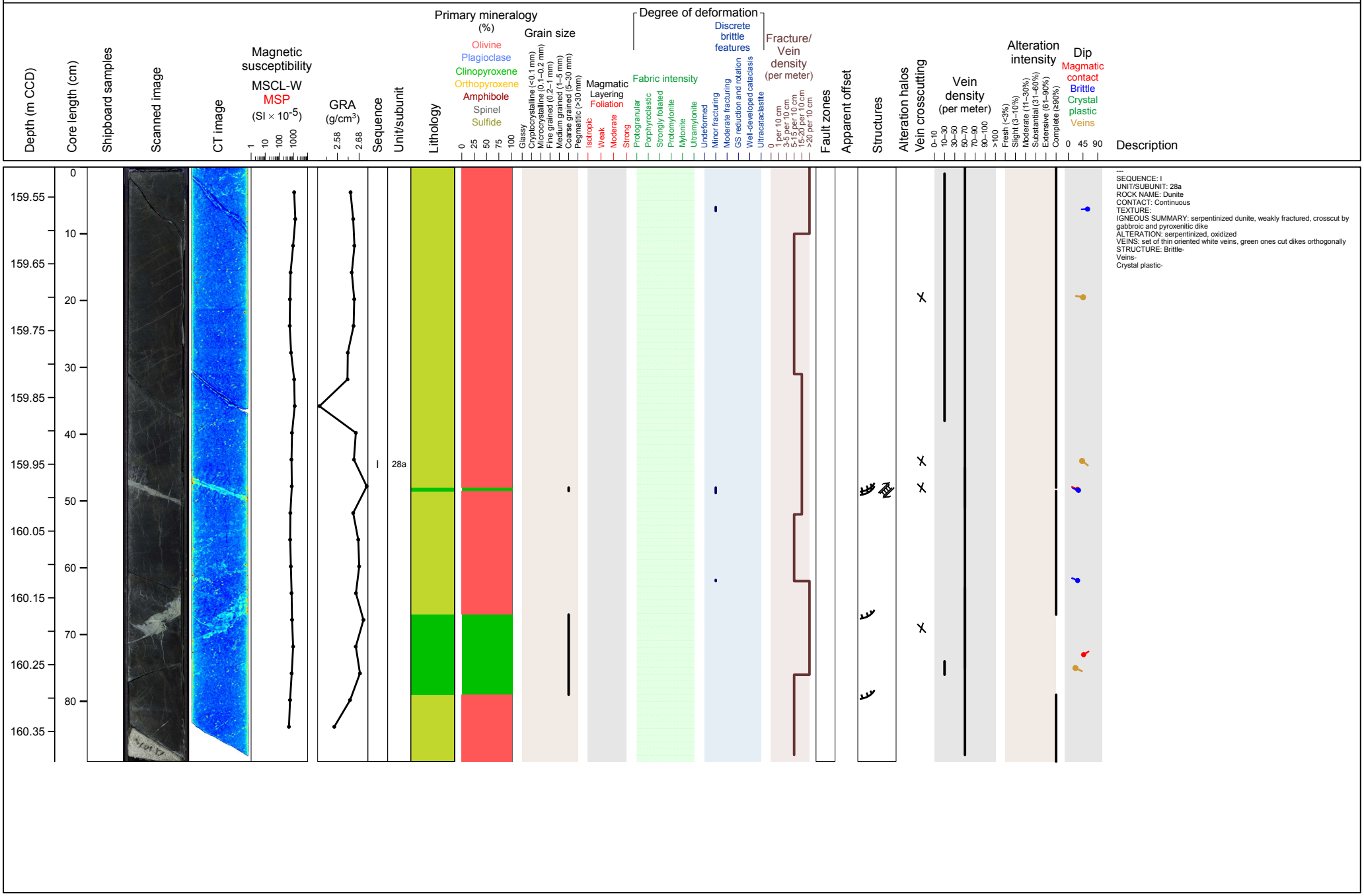
Hole BA4A-58Z Section 4, Top of Section 157.94 (m CCD)



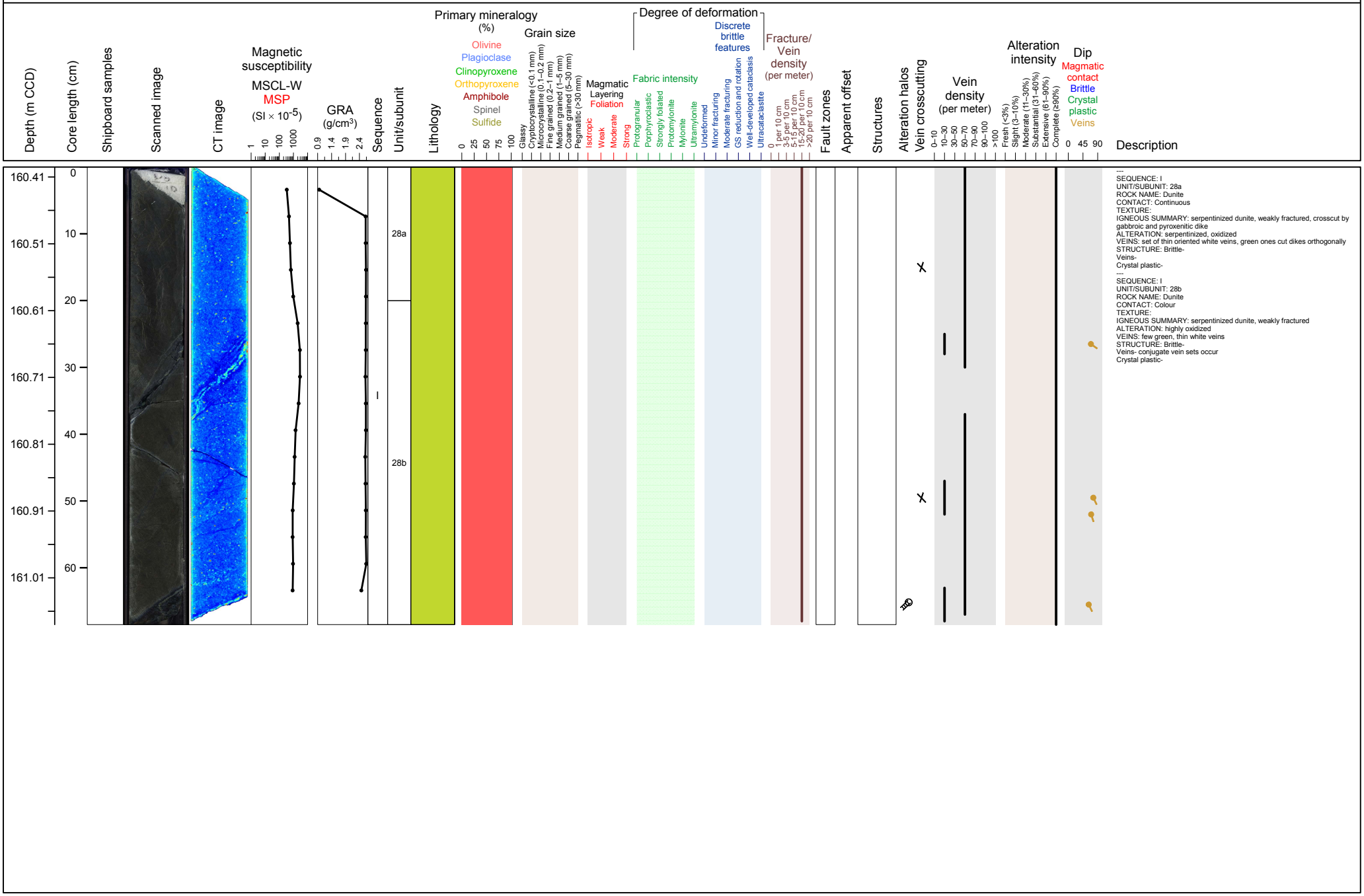
Hole BA4A-59Z Section 1, Top of Section 158.70 (m CCD)



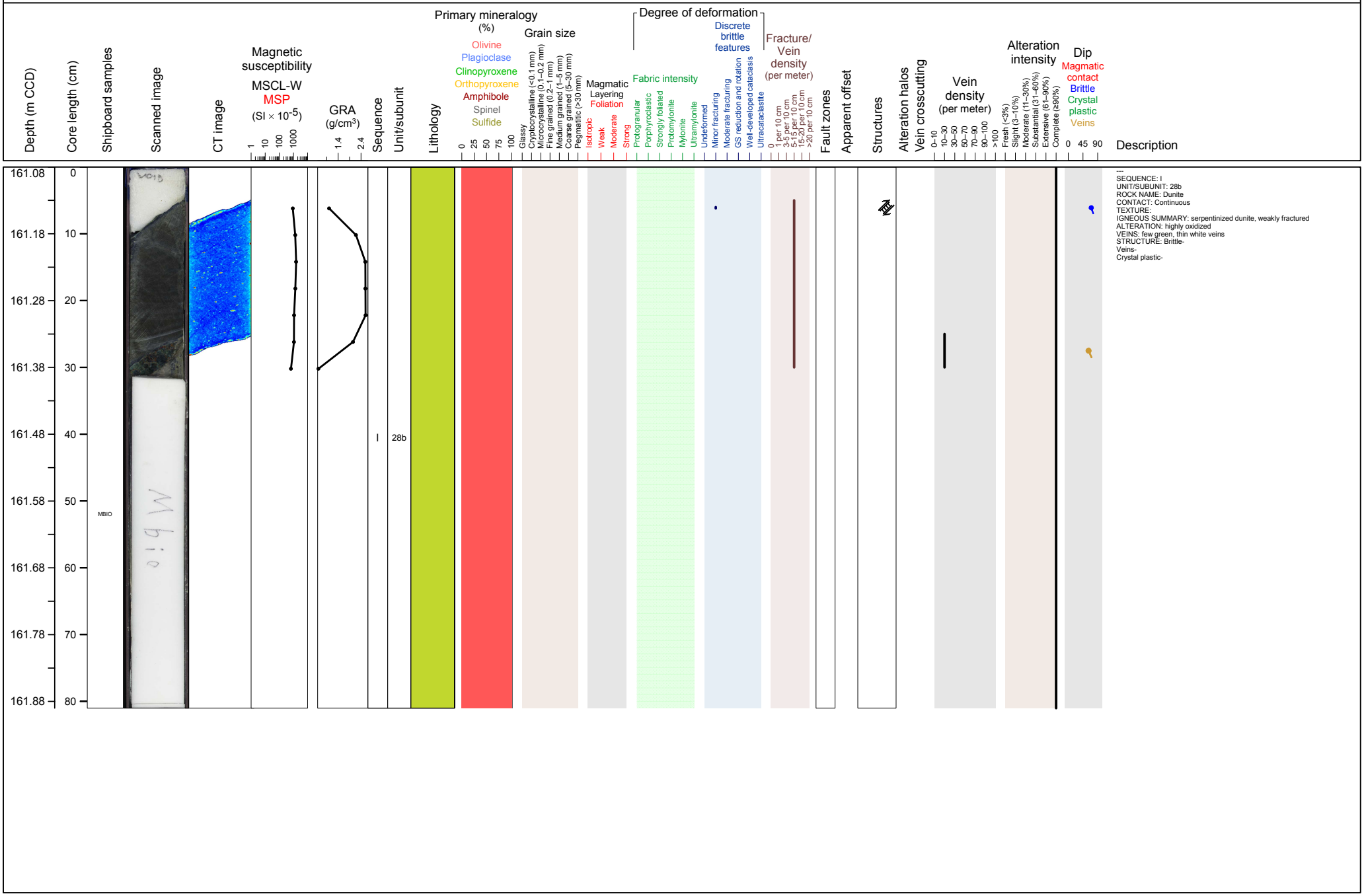
Hole BA4A-59Z Section 2, Top of Section 159.51 (m CCD)



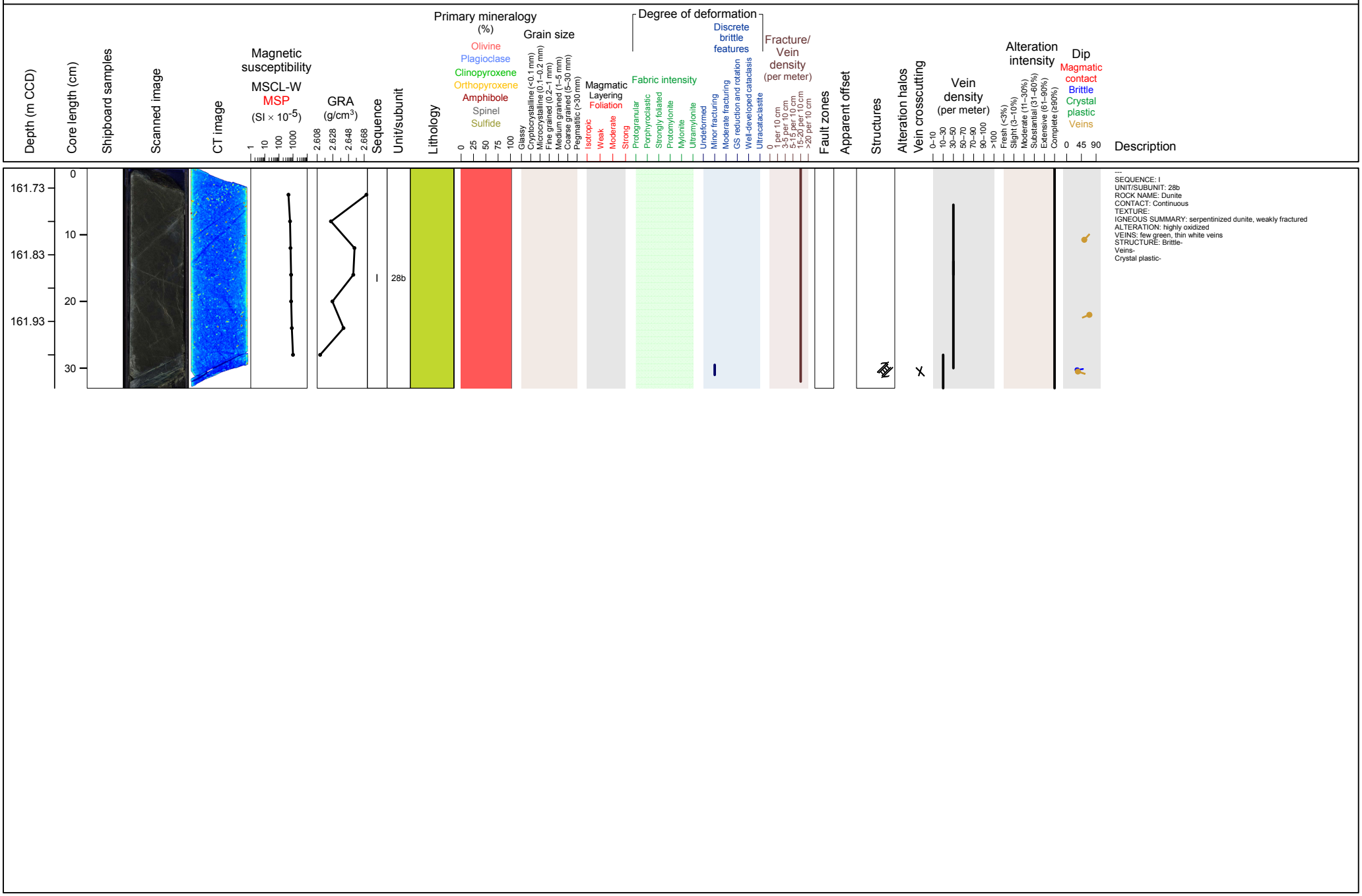
Hole BA4A-59Z Section 3, Top of Section 160.40 (m CCD)



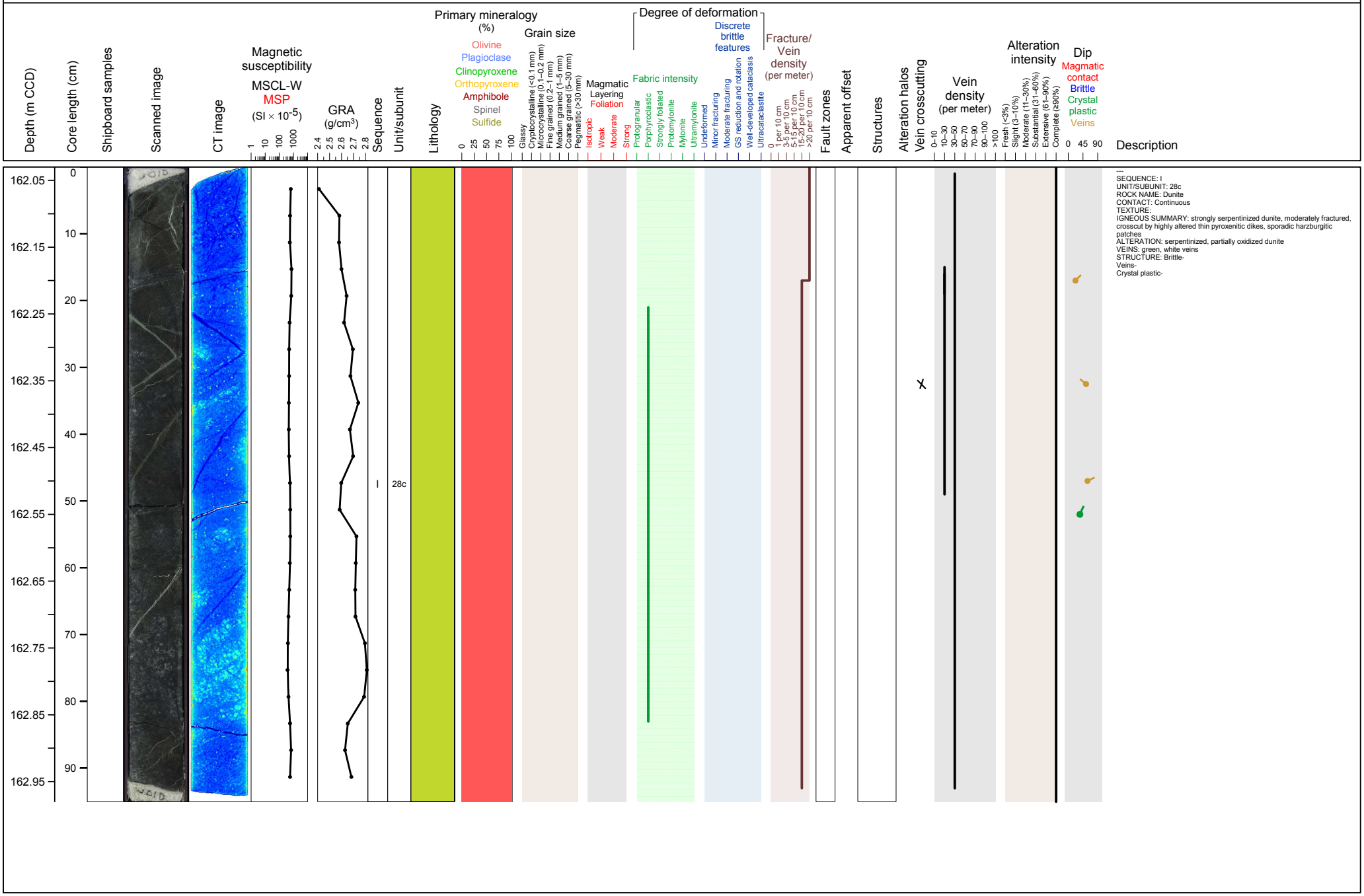
Hole BA4A-59Z Section 4, Top of Section 161.08 (m CCD)



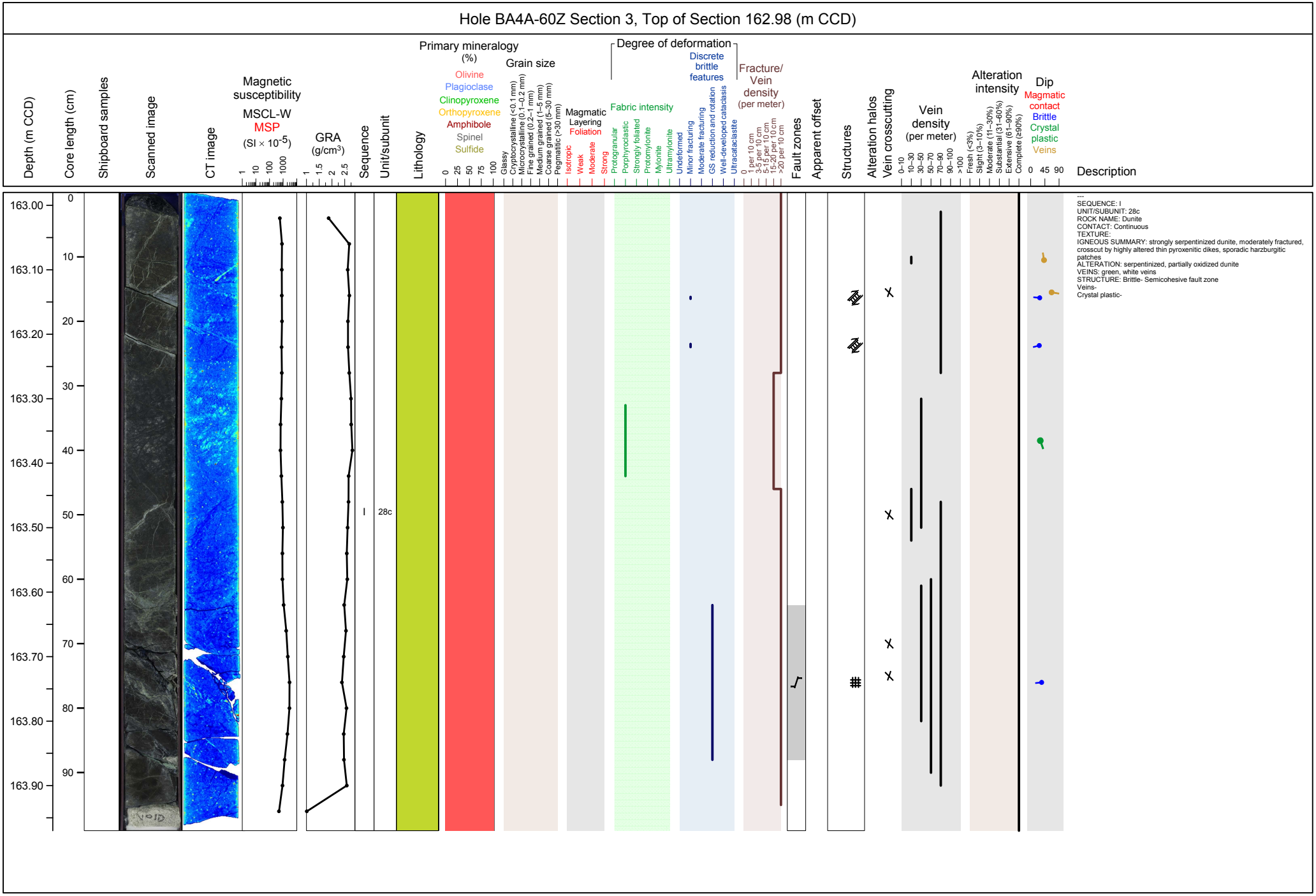
Hole BA4A-60Z Section 1, Top of Section 161.70 (m CCD)



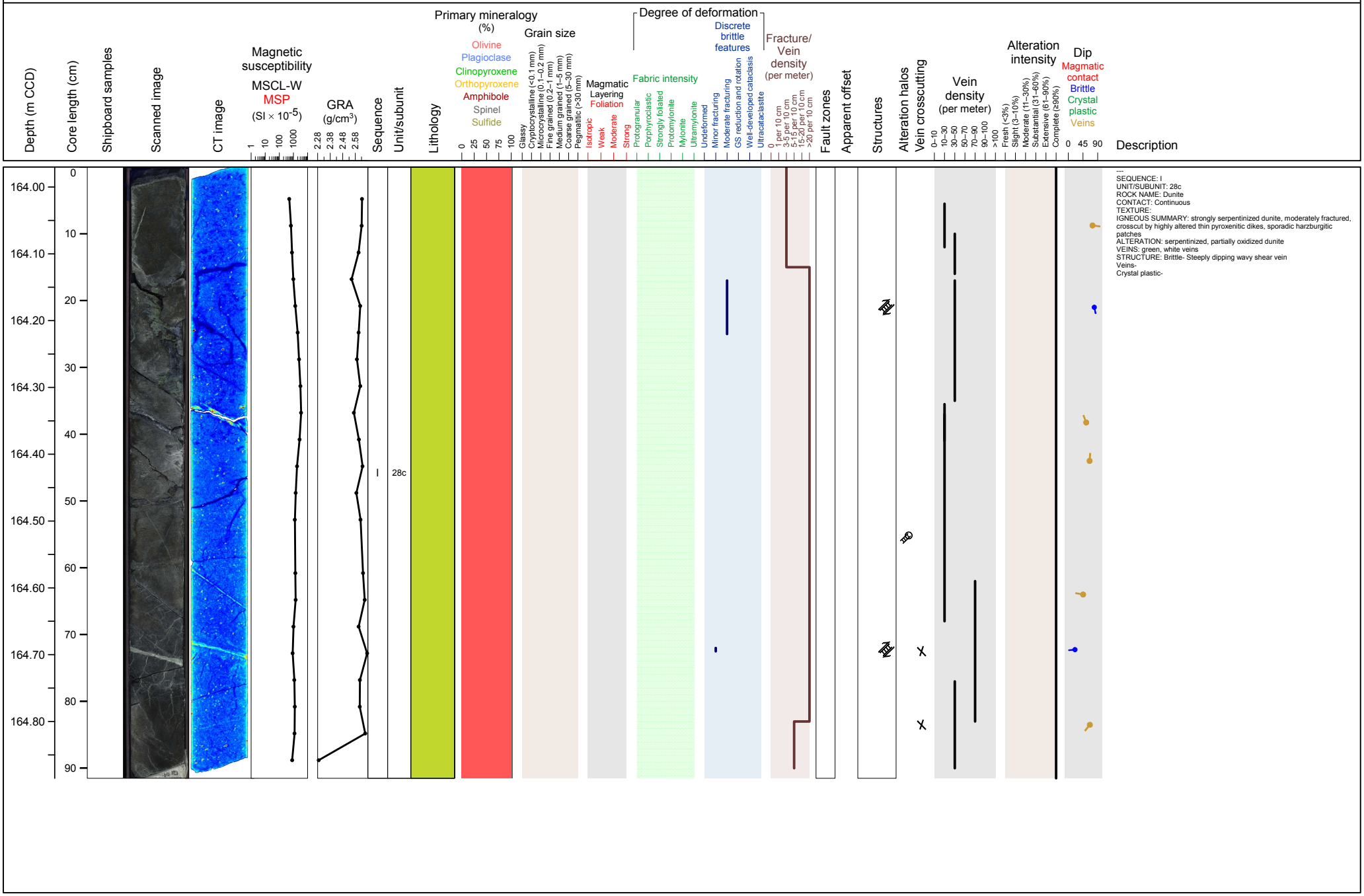
Hole BA4A-60Z Section 2, Top of Section 162.03 (m CCD)



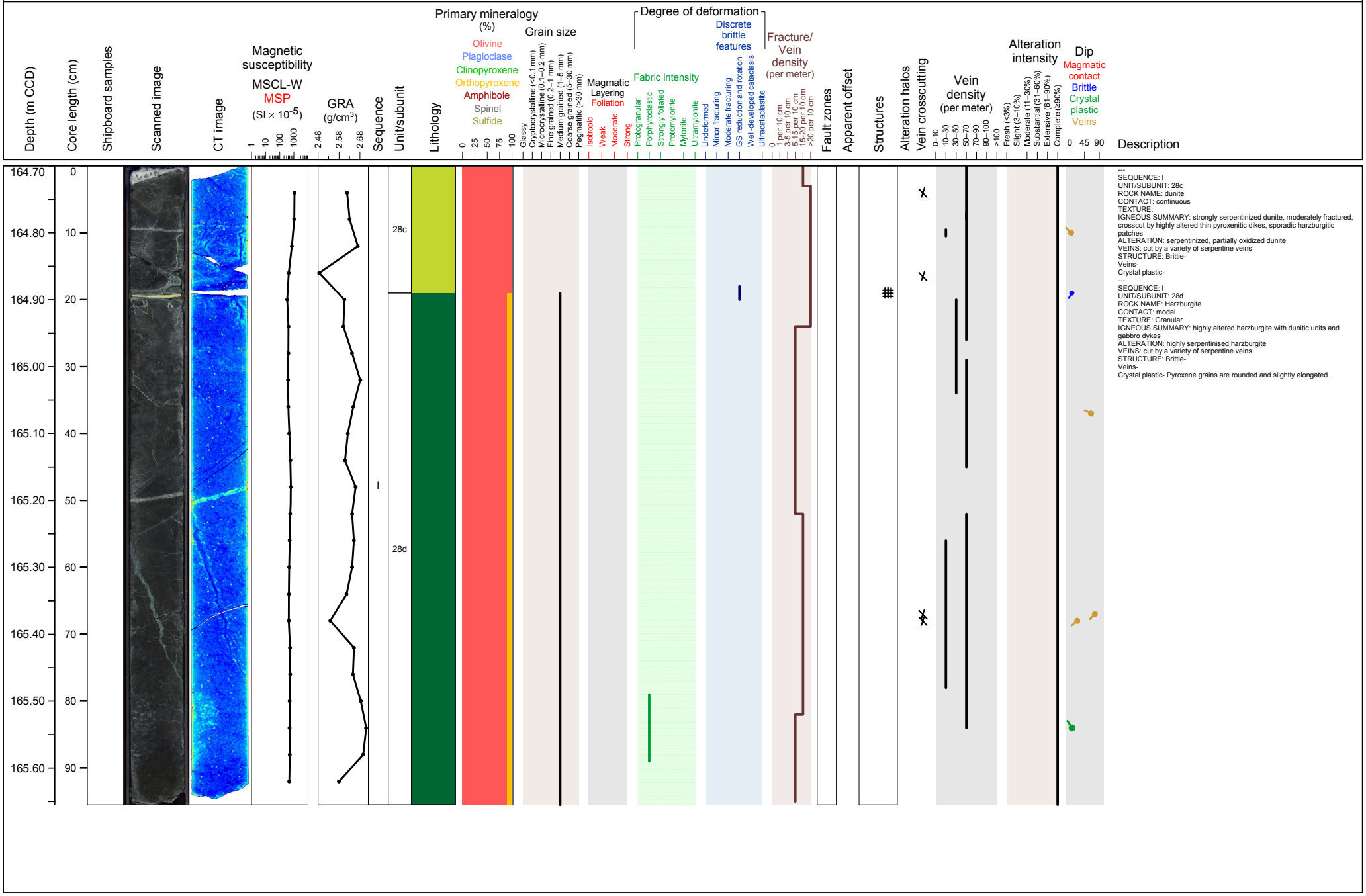
Hole BA4A-60Z Section 3, Top of Section 162.98 (m CCD)



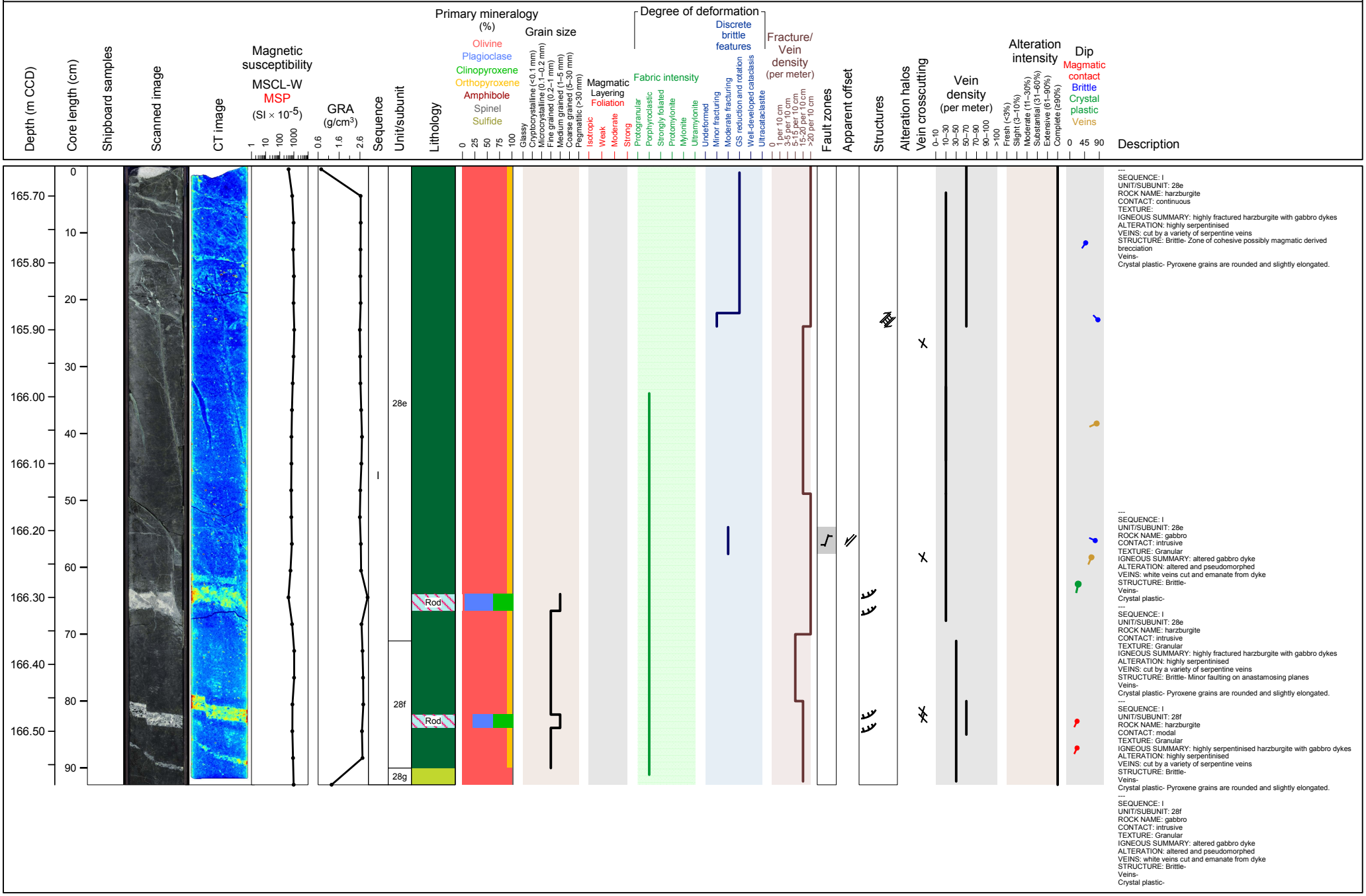
Hole BA4A-60Z Section 4, Top of Section 163.97 (m CCD)



Hole BA4A-61Z Section 1, Top of Section 164.70 (m CCD)



Hole BA4A-61Z Section 2, Top of Section 165.66 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 28e
ROCK NAME: harzburgite
CONTACT: continuous
TEXTURE:
IGNEOUS SUMMARY: highly fractured harzburgite with gabbro dykes
ALTERATION: highly serpentinised
VEINS: cut by a variety of serpentine veins
STRUCTURE: Brittle- Zone of cohesive possibly magmatic derived brecciation
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

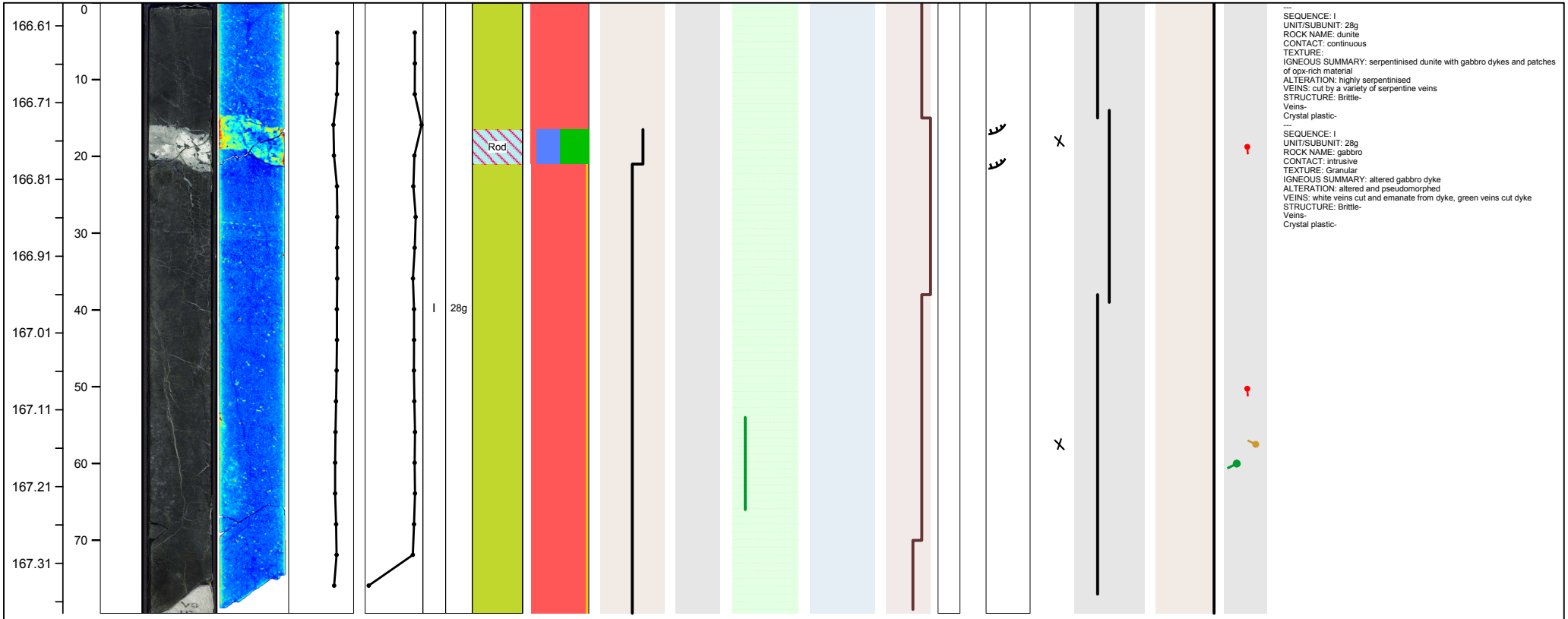
SEQUENCE: I
UNIT/SUBUNIT: 28e
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered gabbro dyke
ALTERATION: altered and pseudomorphed
VEINS: white veins cut and emanate from dyke
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 28e
ROCK NAME: harzburgite
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: highly fractured harzburgite with gabbro dykes
ALTERATION: highly serpentinised
VEINS: cut by a variety of serpentine veins
STRUCTURE: Brittle- Minor faulting on anastamosing planes
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 28f
ROCK NAME: harzburgite
CONTACT: modal
TEXTURE: Granular
IGNEOUS SUMMARY: highly serpentinised harzburgite with gabbro dykes
ALTERATION: highly serpentinised
VEINS: cut by a variety of serpentine veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 28f
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered gabbro dyke
ALTERATION: altered and pseudomorphed
VEINS: white veins cut and emanate from dyke
STRUCTURE: Brittle-
Veins-
Crystal plastic-

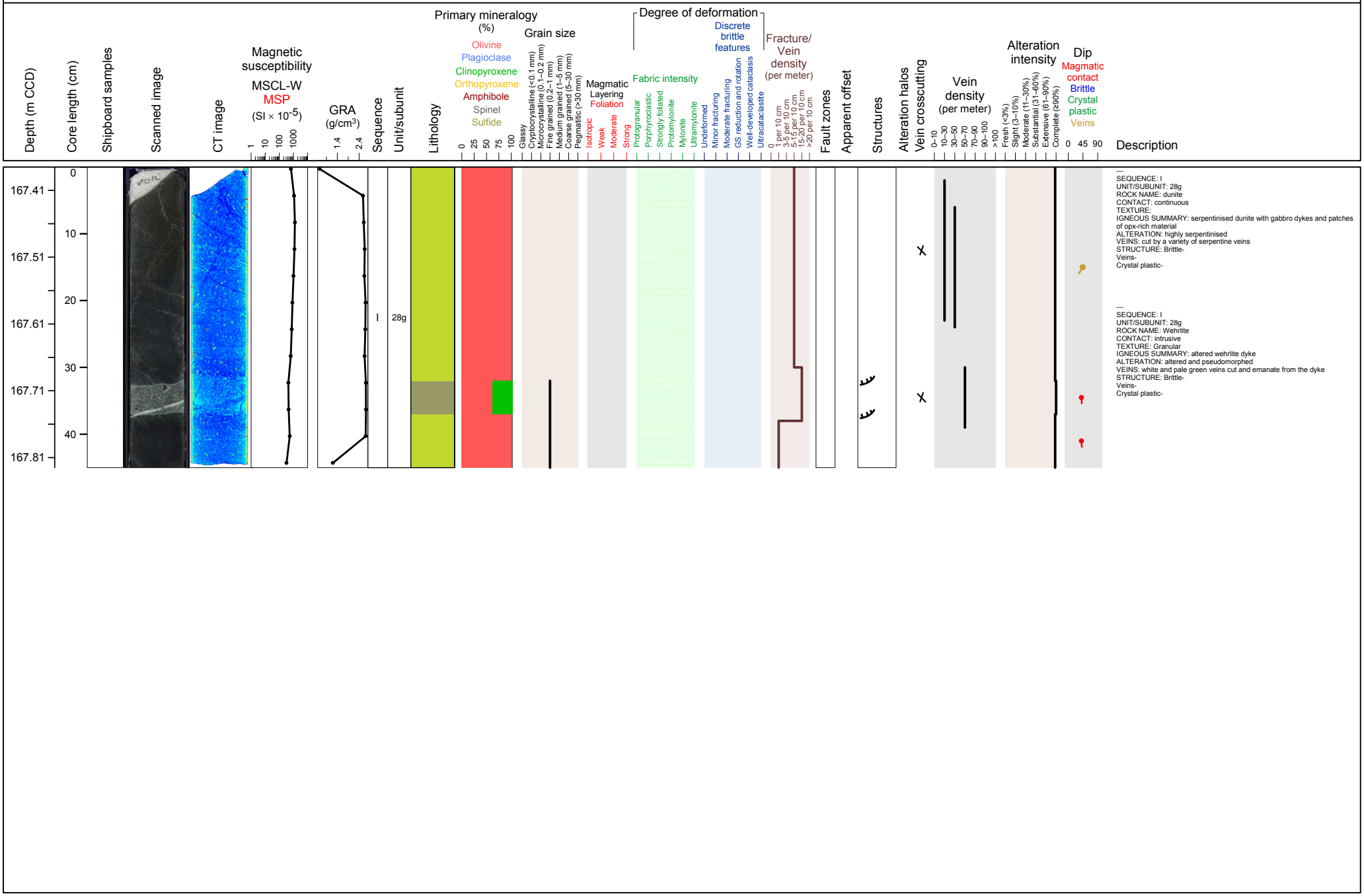
Hole BA4A-61Z Section 3, Top of Section 166.58 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 28g
ROCK NAME: dunite
CONTACT: continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinised dunite with gabbro dykes and patches of opx-rich material
ALTERATION: highly serpentinised
VEINS: cut by a variety of serpentine veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 28g
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered gabbro dyke
ALTERATION: altered and pseudomorphed
VEINS: white veins cut and emanate from dyke, green veins cut dyke
STRUCTURE: Brittle-
Veins-
Crystal plastic-

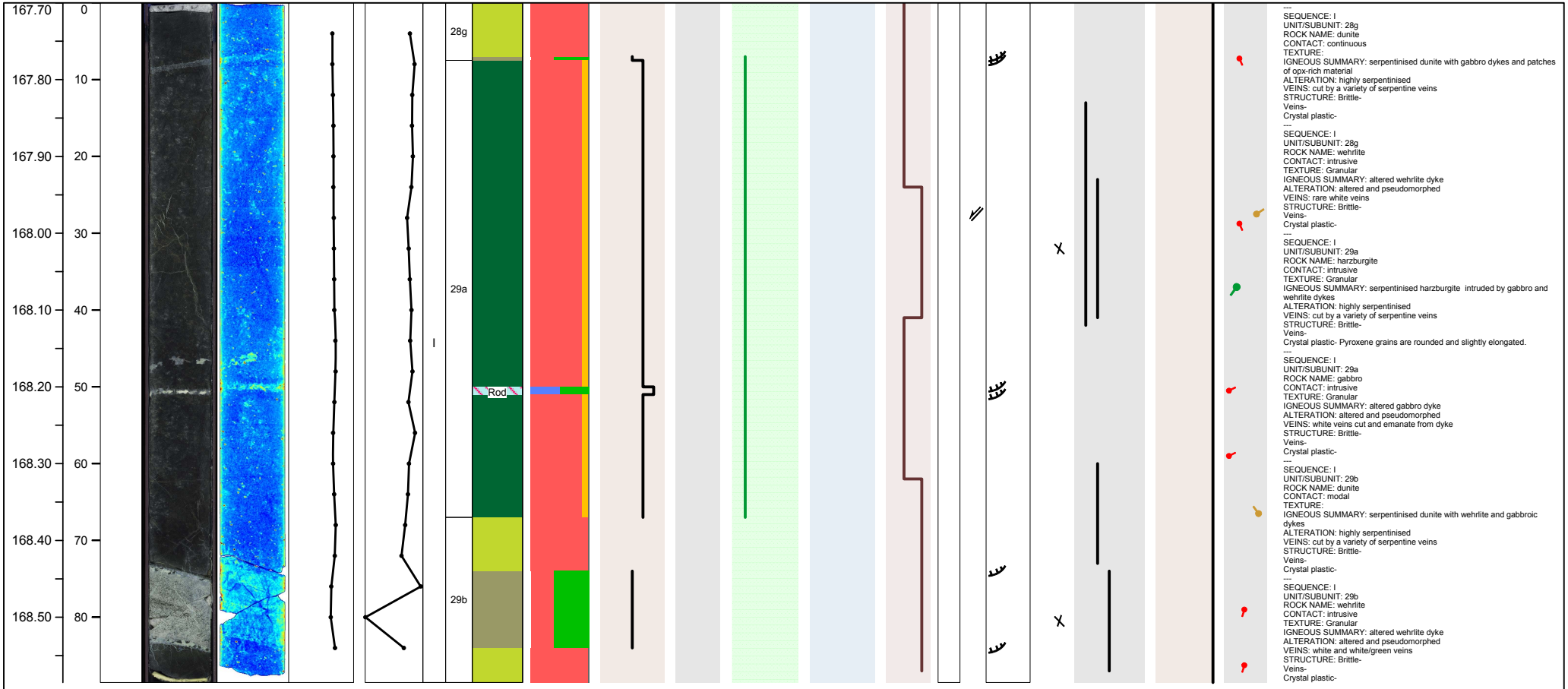
Hole BA4A-61Z Section 4, Top of Section 167.38 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 28g
ROCK NAME: dunite
CONTACT: continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinised dunite with gabbro dykes and patches of opx-rich material
ALTERATION: highly serpentinised
VEINS: cut by a variety of serpentine veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 28g
ROCK NAME: Wehrlite
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered wehrlite dyke
ALTERATION: altered and pseudomorphed
VEINS: white and pale green veins cut and emanate from the dyke
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-62Z Section 1, Top of Section 167.70 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 28g
ROCK NAME: dunite
CONTACT: continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinised dunite with gabbro dykes and patches of opx-rich material
ALTERATION: highly serpentinised
VEINS: cut by a variety of serpentine veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 28g
ROCK NAME: wehrlite
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered wehrlite dyke
ALTERATION: altered and pseudomorphed
VEINS: rare white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

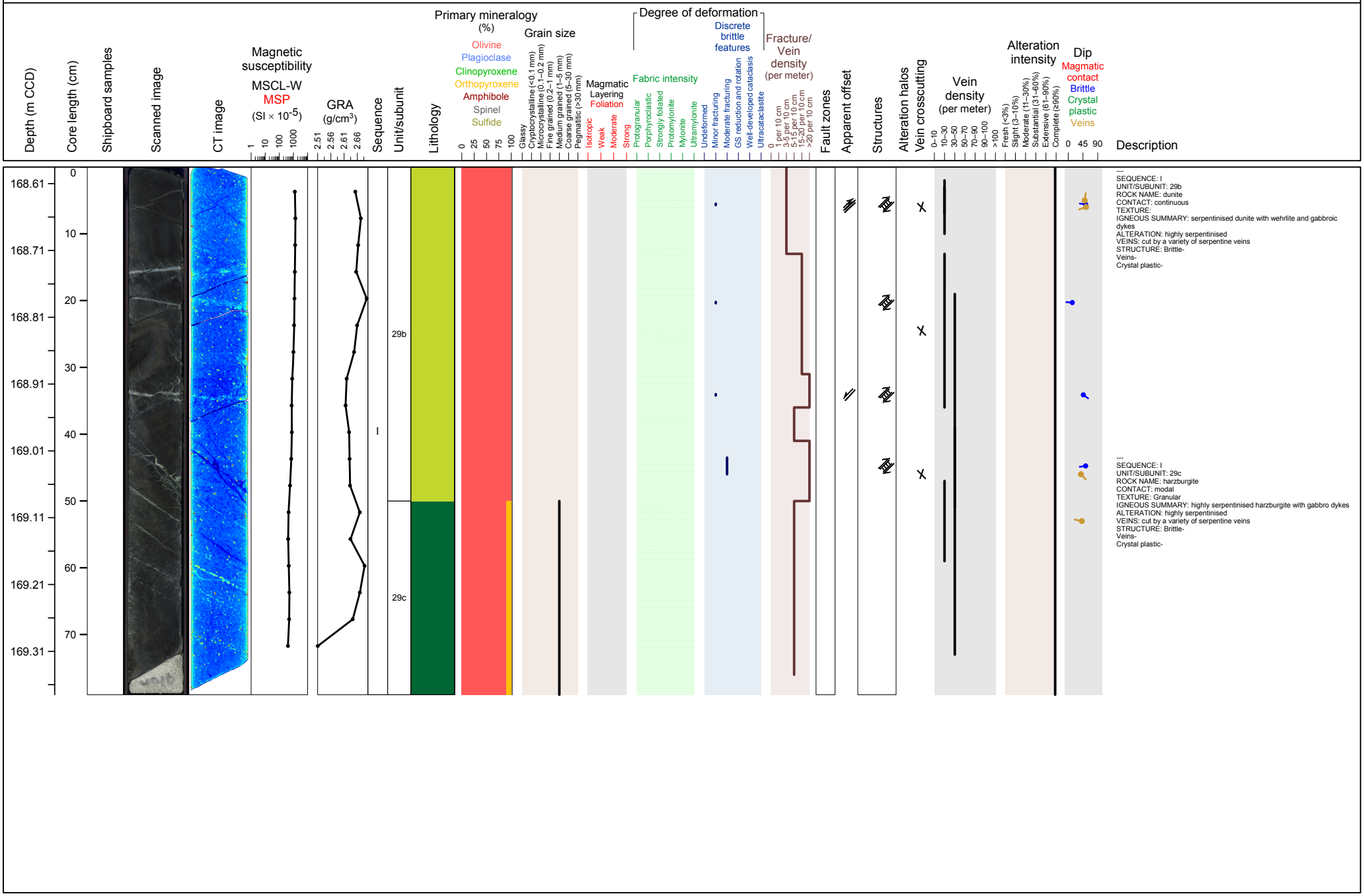
SEQUENCE: I
UNIT/SUBUNIT: 29a
ROCK NAME: harzburgite
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinised harzburgite intruded by gabbro and wehrlite dykes
ALTERATION: highly serpentinised
VEINS: cut by a variety of serpentine veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 29a
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered gabbro dyke
ALTERATION: altered and pseudomorphed
VEINS: white veins cut and emanate from dyke
STRUCTURE: Brittle-
Veins-
Crystal plastic-

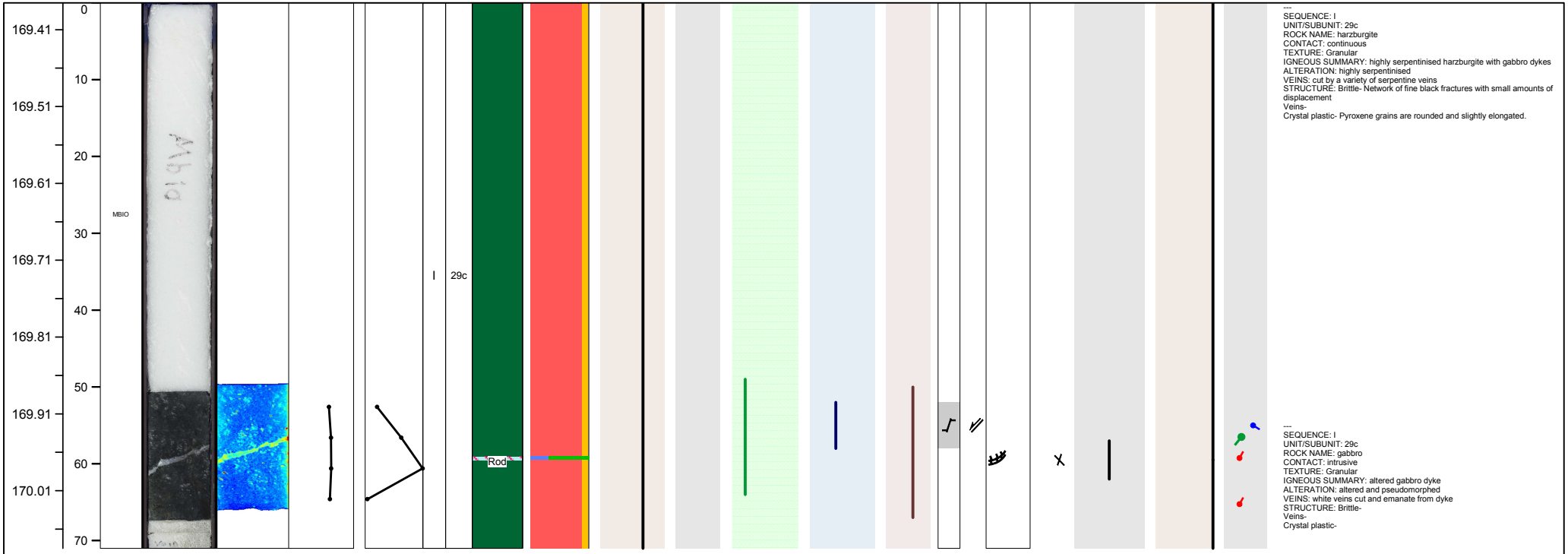
SEQUENCE: I
UNIT/SUBUNIT: 29b
ROCK NAME: dunite
CONTACT: modal
TEXTURE:
IGNEOUS SUMMARY: serpentinised dunite with wehrlite and gabbroic dykes
ALTERATION: highly serpentinised
VEINS: cut by a variety of serpentine veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 29b
ROCK NAME: wehrlite
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered wehrlite dyke
ALTERATION: altered and pseudomorphed
VEINS: white and white/green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-62Z Section 2, Top of Section 168.59 (m CCD)



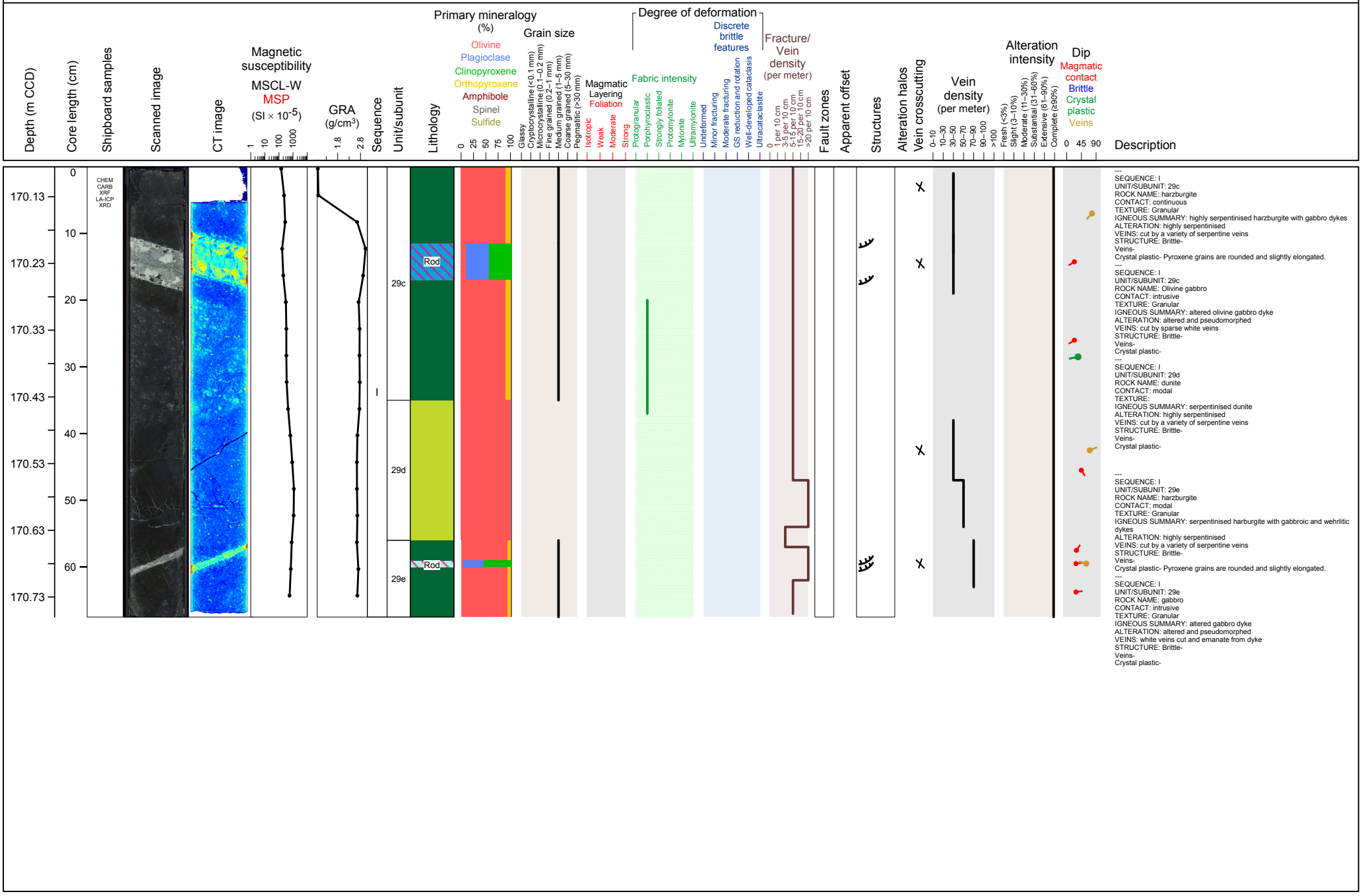
Hole BA4A-62Z Section 3, Top of Section 169.38 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 29c
ROCK NAME: harzburgite
CONTACT: continuous
TEXTURE: Granular
IGNEOUS SUMMARY: highly serpentinised harzburgite with gabbro dykes
ALTERATION: highly serpentinised
VEINS: cut by a variety of serpentine veins
STRUCTURE: Brittle- Network of fine black fractures with small amounts of displacement
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 29c
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered gabbro dyke
ALTERATION: altered and pseudomorphed
VEINS: white veins cut and emanate from dyke
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-62Z Section 4, Top of Section 170.09 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 29c
ROCK NAME: harzburgite
CONTACT: continuous
TEXTURE: Granular
IGNEOUS SUMMARY: highly serpentinised harzburgite with gabbro dykes
ALTERATION: highly serpentinised
VEINS: cut by a variety of serpentine veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

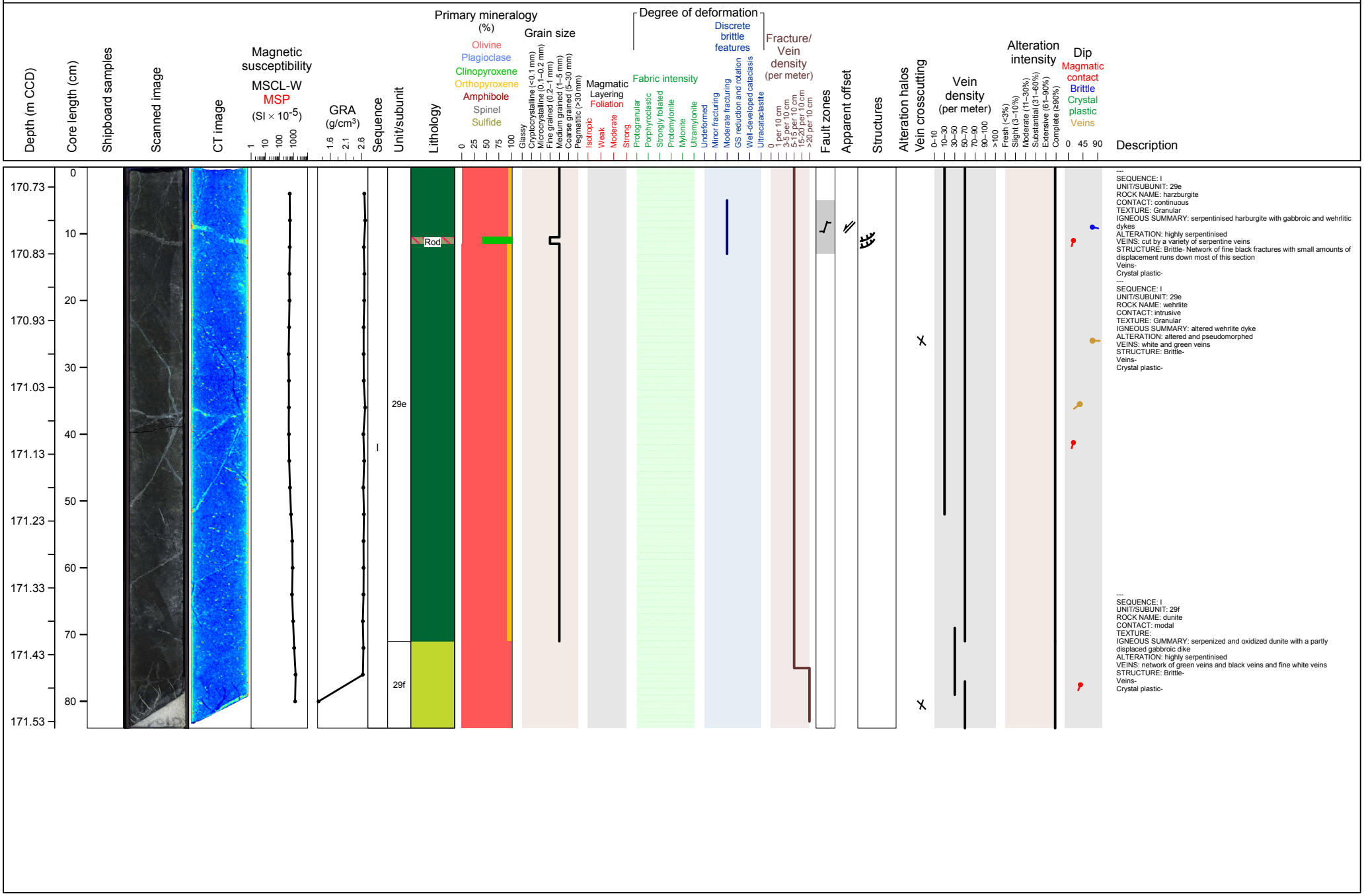
SEQUENCE: I
UNIT/SUBUNIT: 29c
ROCK NAME: Olivine gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered olivine gabbro dyke
ALTERATION: altered and pseudomorphed
VEINS: cut by sparse white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 29d
ROCK NAME: dunite
CONTACT: modal
TEXTURE:
IGNEOUS SUMMARY: serpentinised dunite
ALTERATION: highly serpentinised
VEINS: cut by a variety of serpentine veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

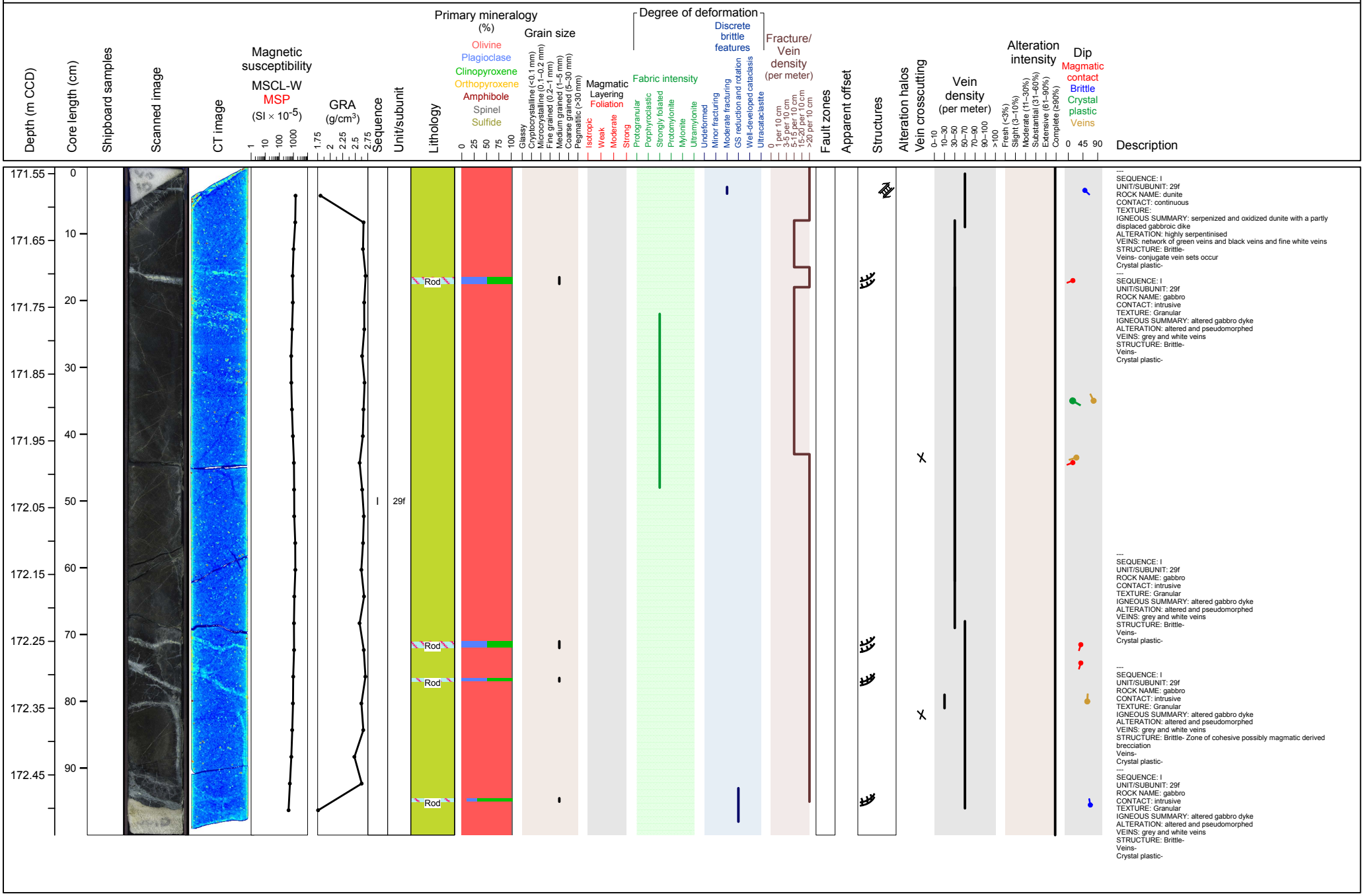
SEQUENCE: I
UNIT/SUBUNIT: 29e
ROCK NAME: harzburgite
CONTACT: modal
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinised harburgite with gabbroic and wehrlitic dykes
ALTERATION: highly serpentinised
VEINS: cut by a variety of serpentine veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 29e
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered gabbro dyke
ALTERATION: altered and pseudomorphed
VEINS: white veins cut and emanate from dyke
STRUCTURE: Brittle-
Veins-
Crystal plastic-

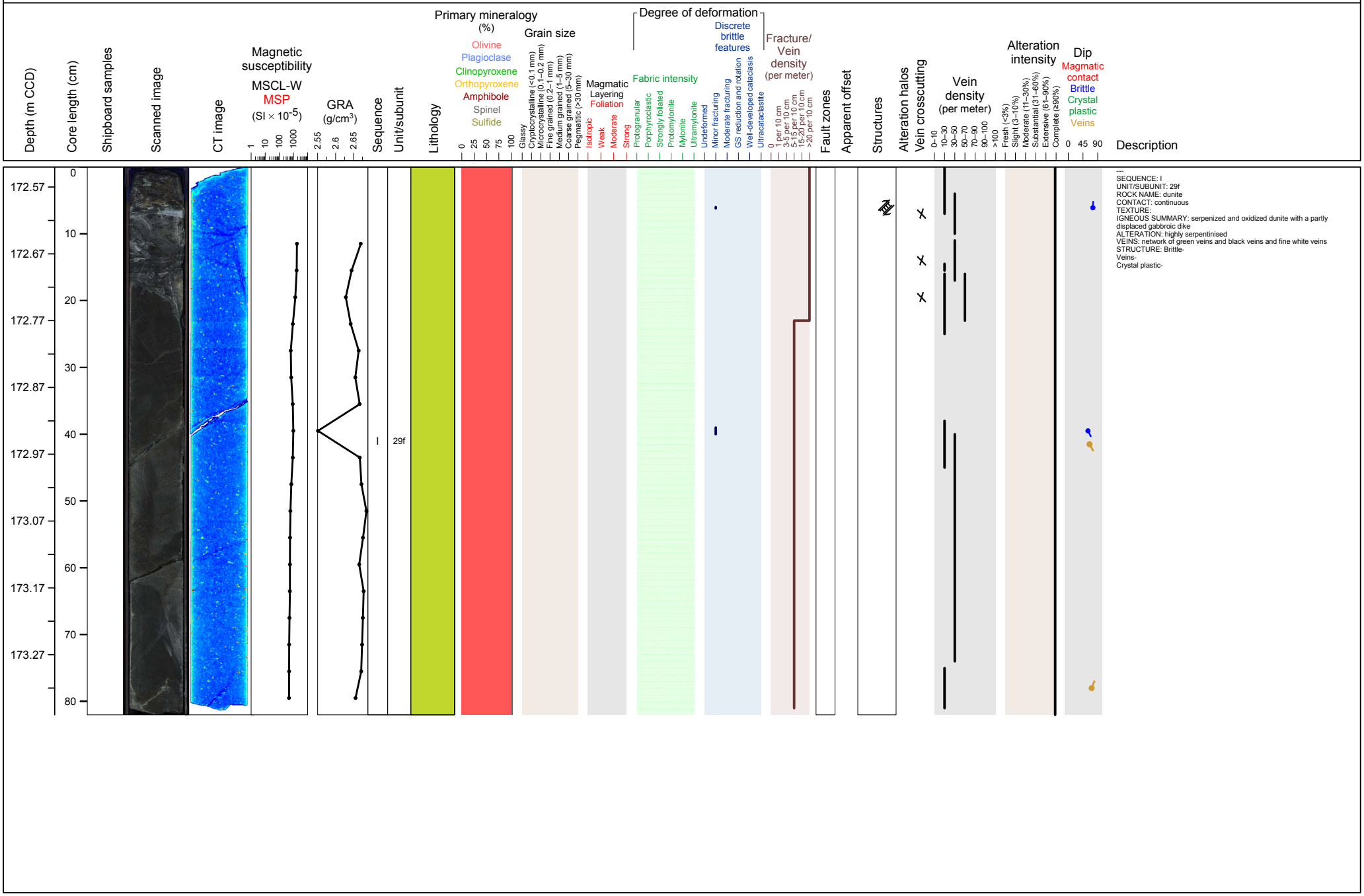
Hole BA4A-63Z Section 1, Top of Section 170.70 (m CCD)



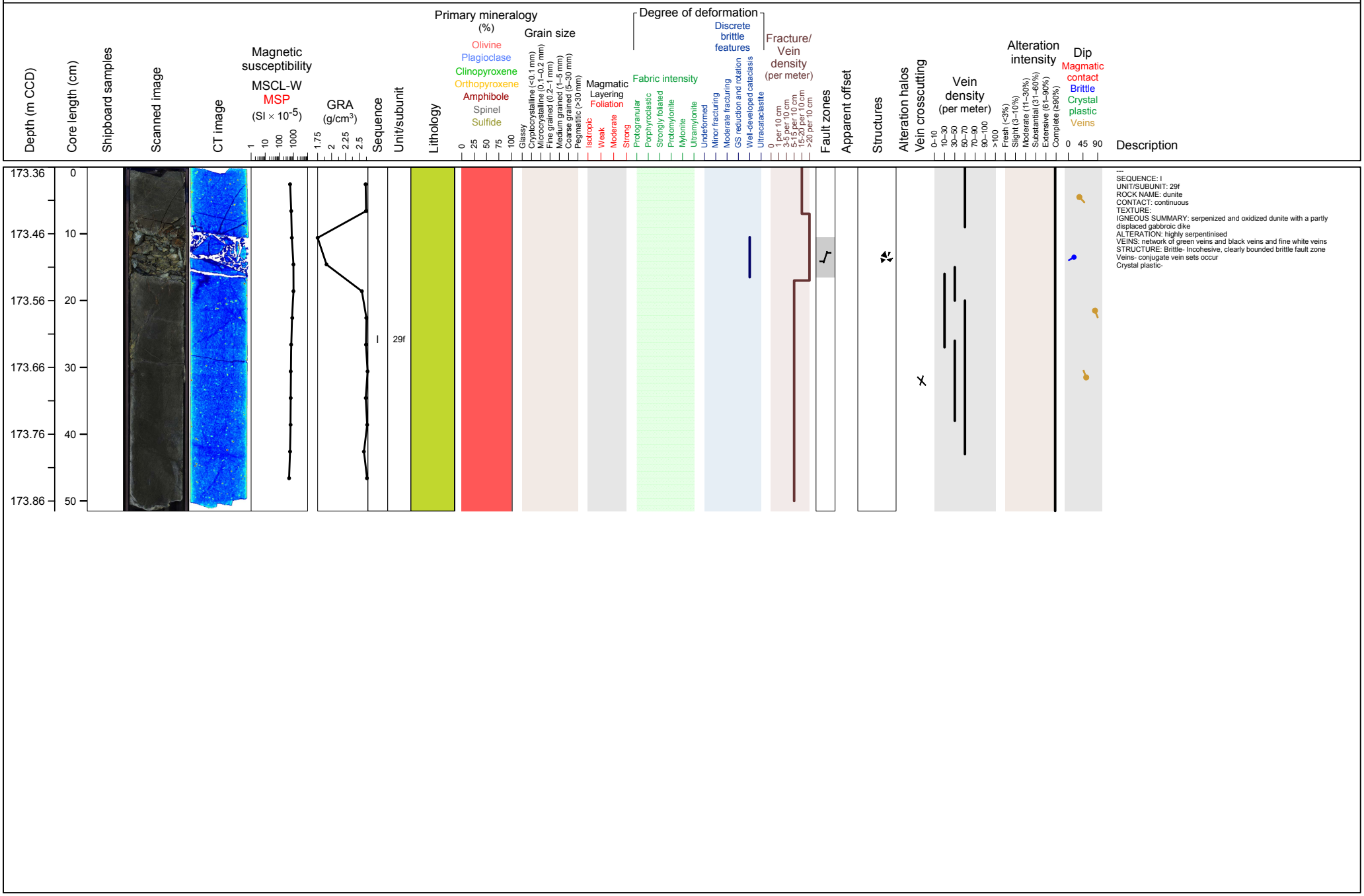
Hole BA4A-63Z Section 2, Top of Section 171.54 (m CCD)



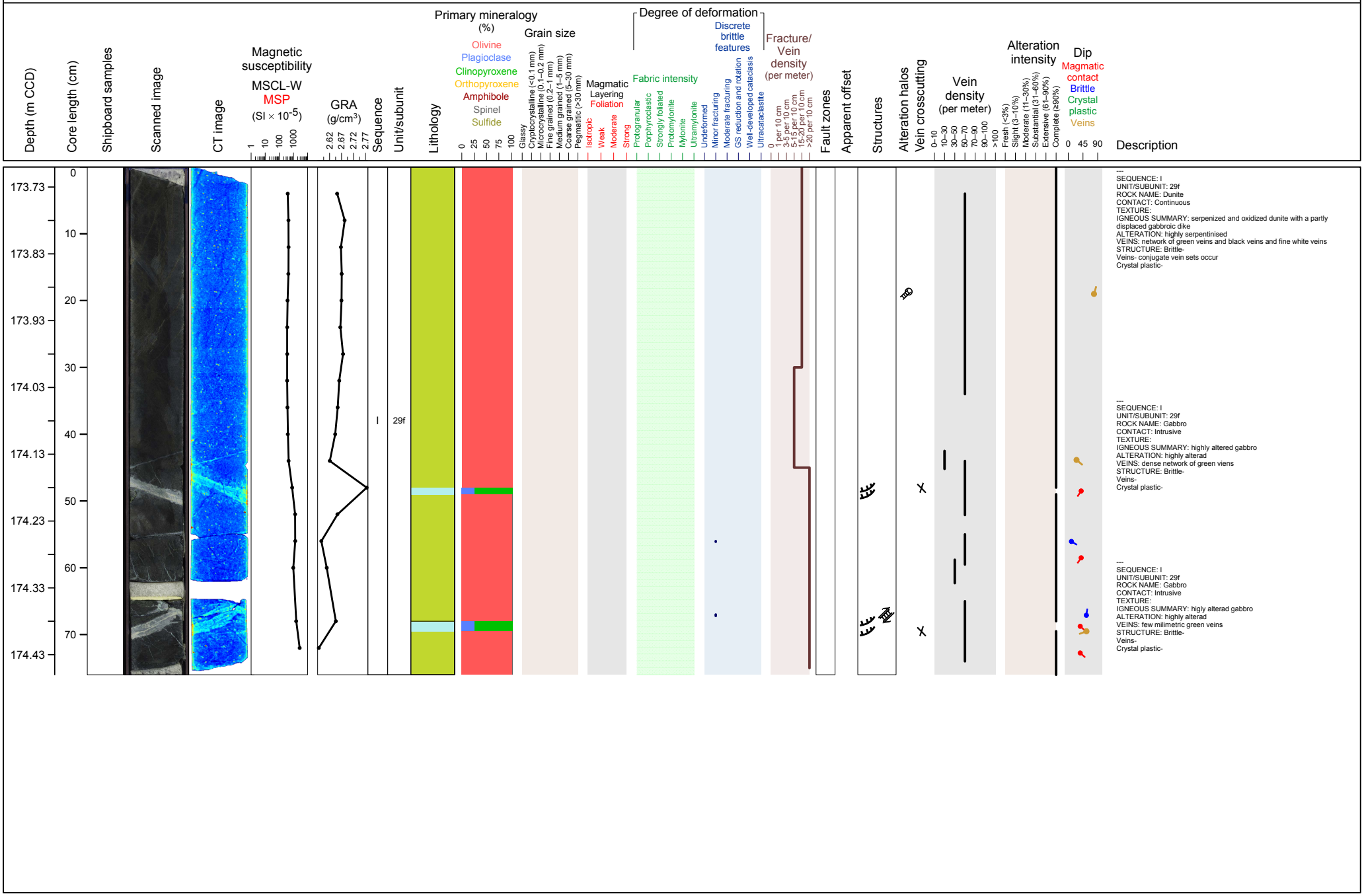
Hole BA4A-63Z Section 3, Top of Section 172.54 (m CCD)



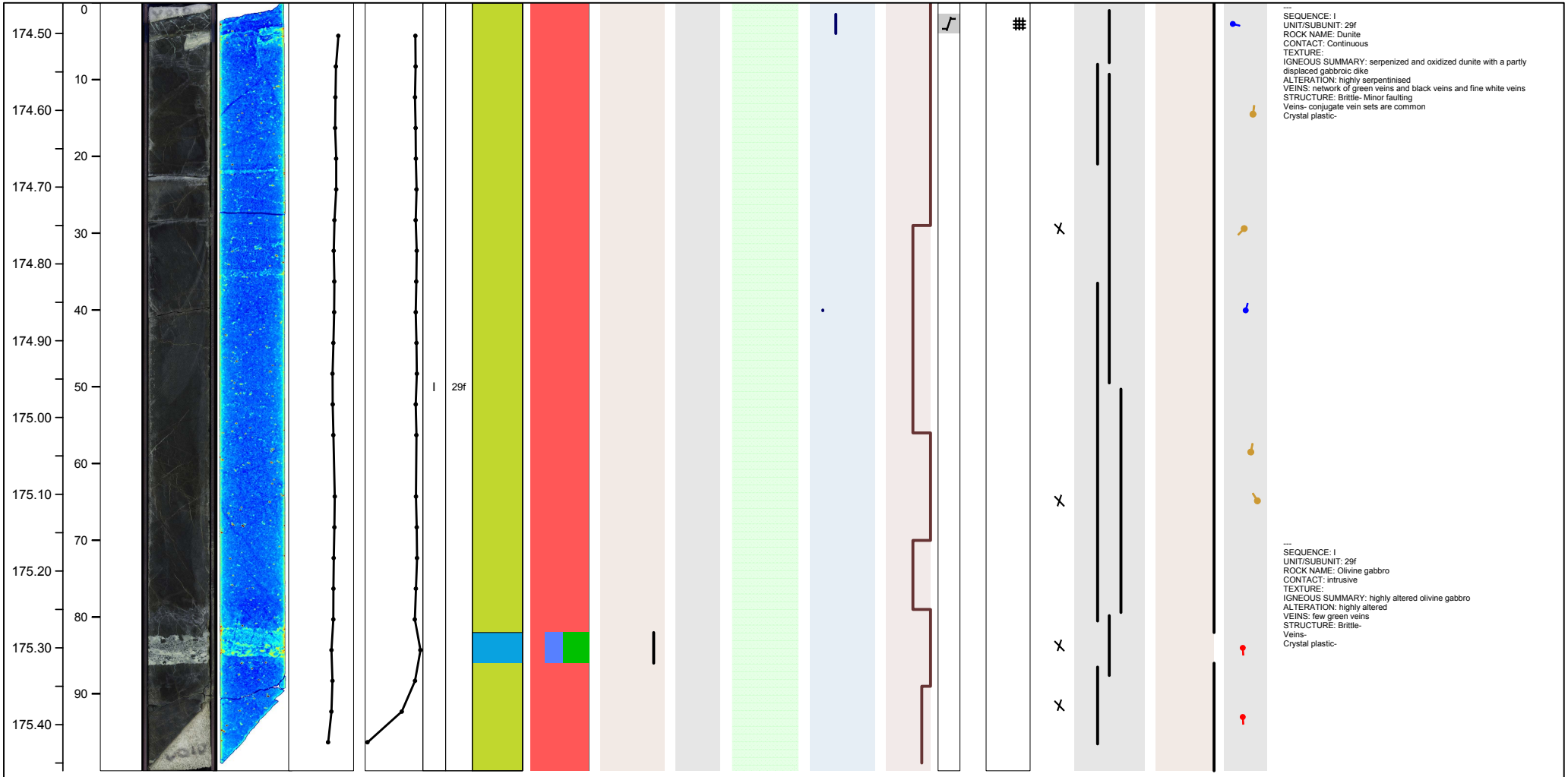
Hole BA4A-63Z Section 4, Top of Section 173.36 (m CCD)



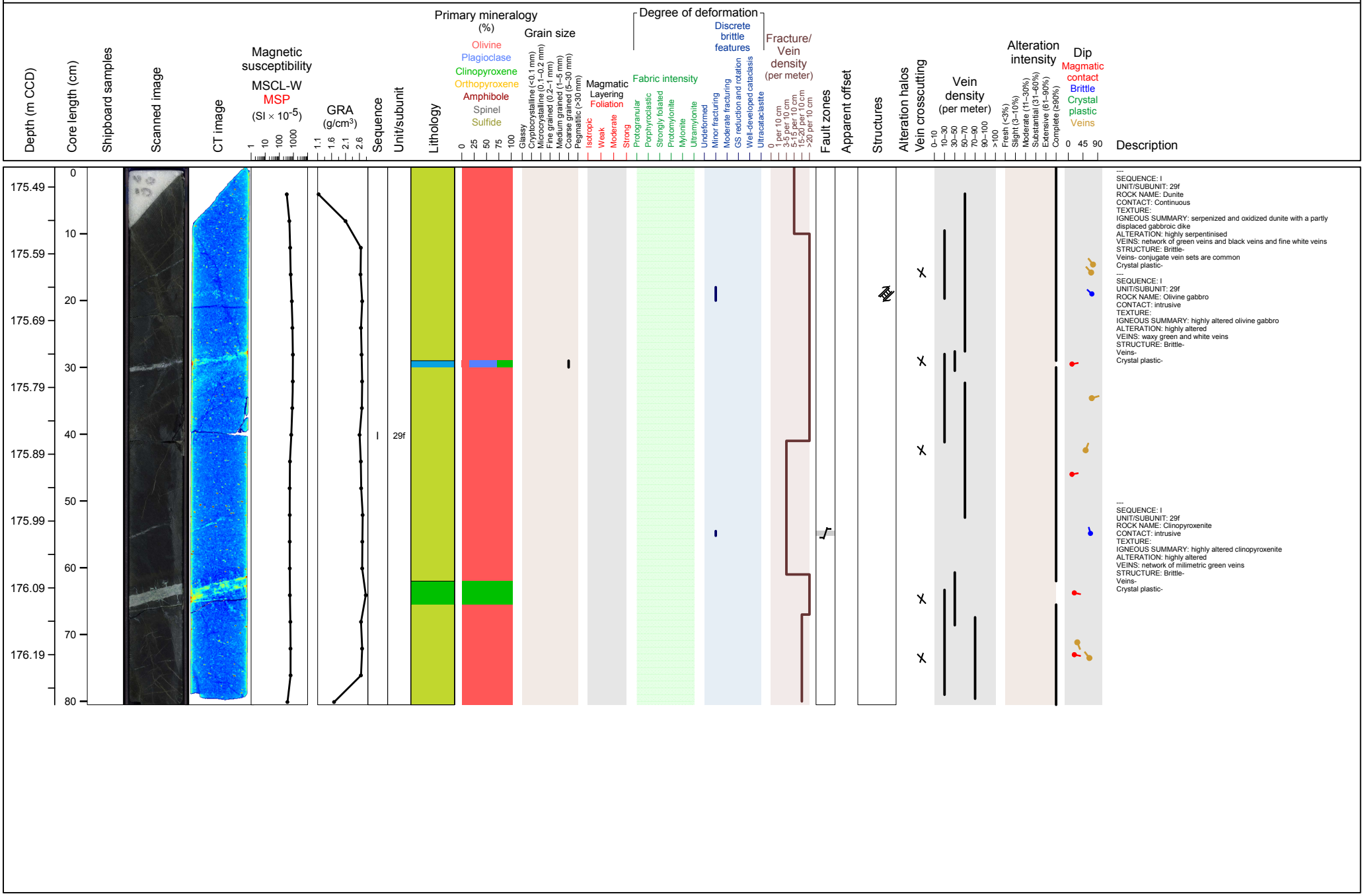
Hole BA4A-64Z Section 1, Top of Section 173.70 (m CCD)



Hole BA4A-64Z Section 2, Top of Section 174.46 (m CCD)



Hole BA4A-64Z Section 3, Top of Section 175.46 (m CCD)

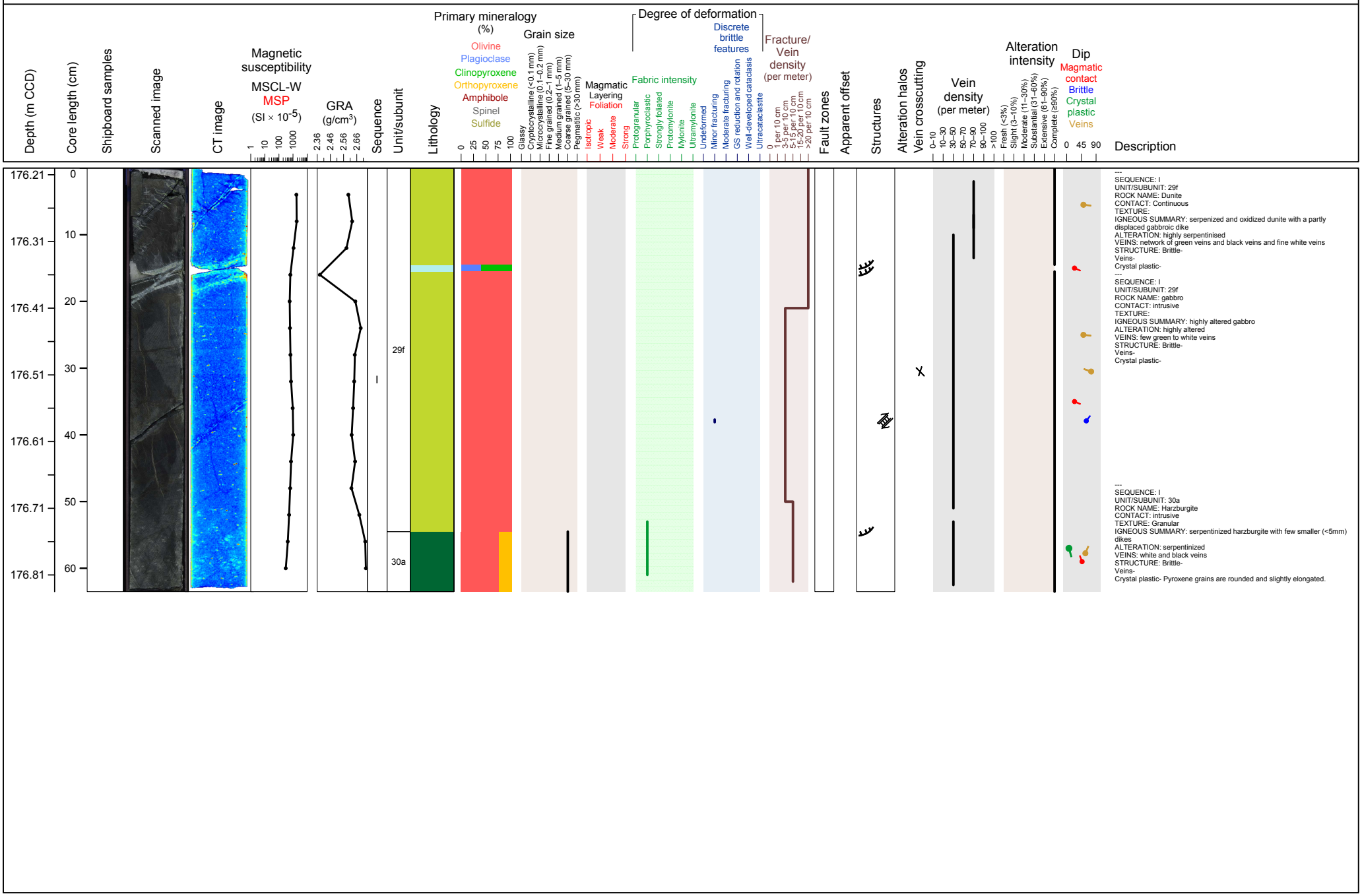


SEQUENCE: I
UNIT/SUBUNIT: 29f
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpenized and oxidized dunite with a partly displaced gabbroic dike
ALTERATION: highly serpentinised
VEINS: network of green veins and black veins and fine white veins
STRUCTURE: Brittle-
Veins- conjugate vein sets are common
Crystal plastic-

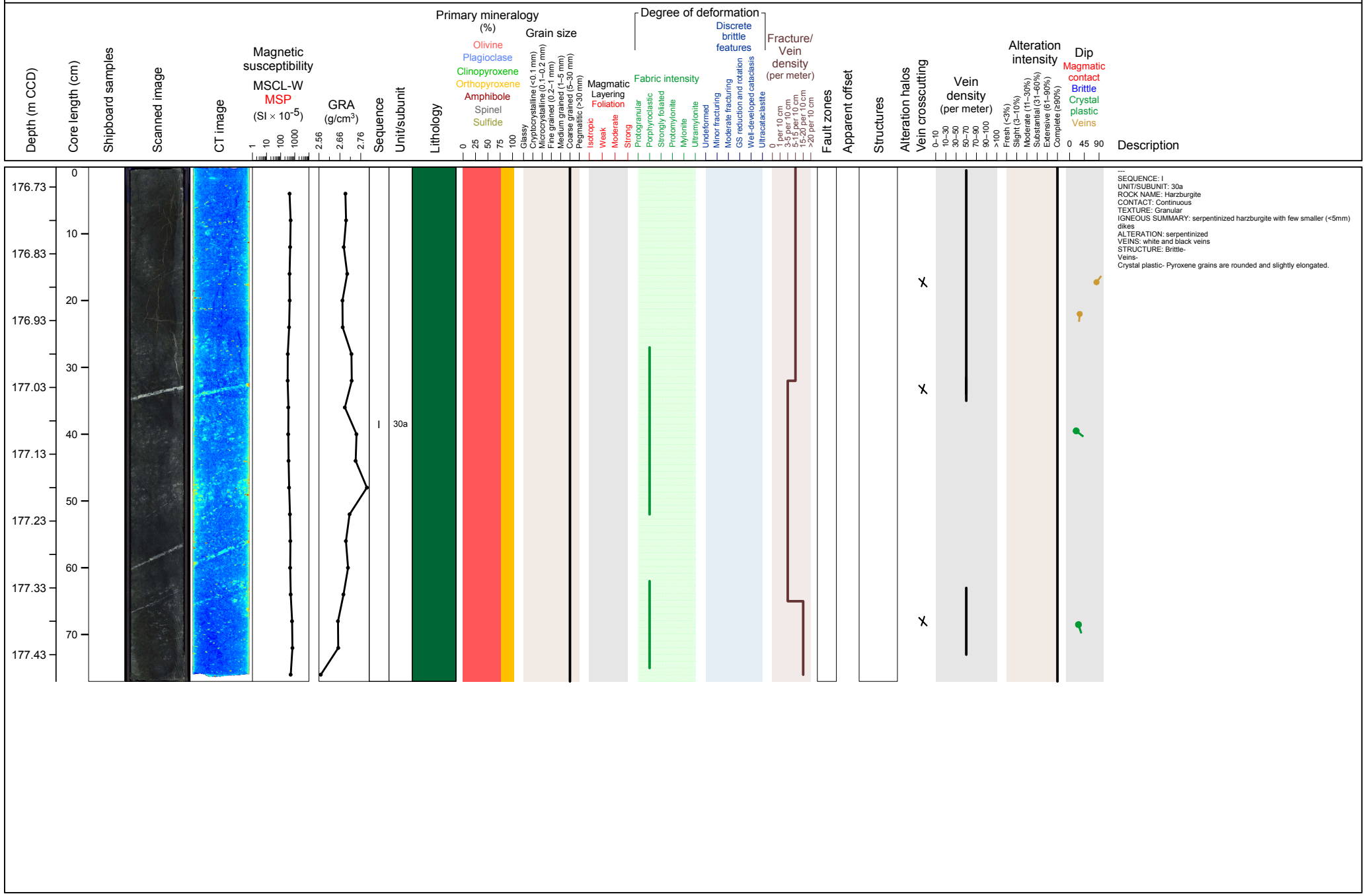
SEQUENCE: I
UNIT/SUBUNIT: 29f
ROCK NAME: Olivine gabbro
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: highly altered olivine gabbro
ALTERATION: highly altered
VEINS: waxy green and white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 29f
ROCK NAME: Clinopyroxenite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: highly altered clinopyroxenite
ALTERATION: highly altered
VEINS: network of milimetric green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

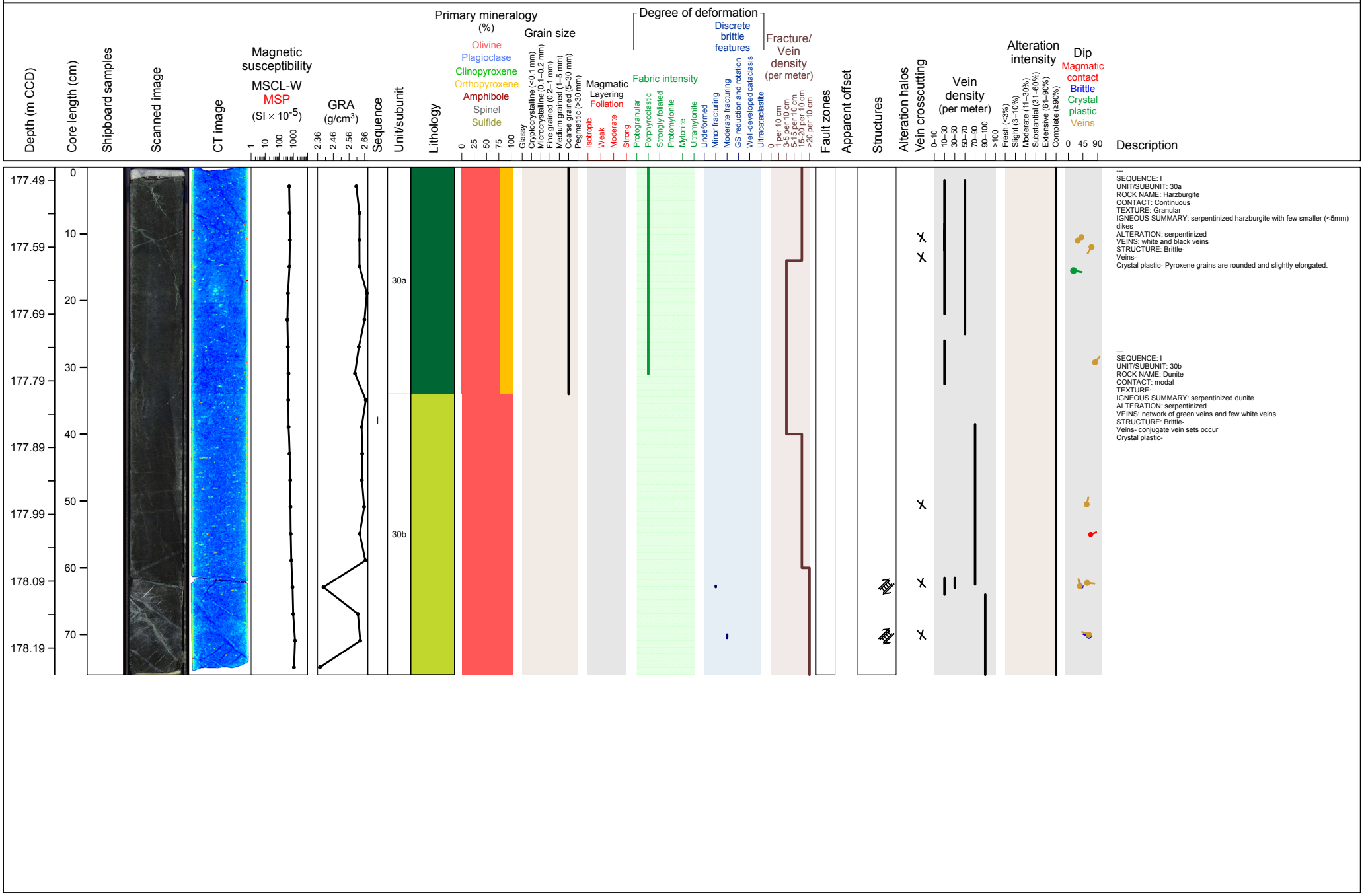
Hole BA4A-65Z Section 1, Top of Section 176.20 (m CCD)



Hole BA4A-66Z Section 1, Top of Section 176.70 (m CCD)

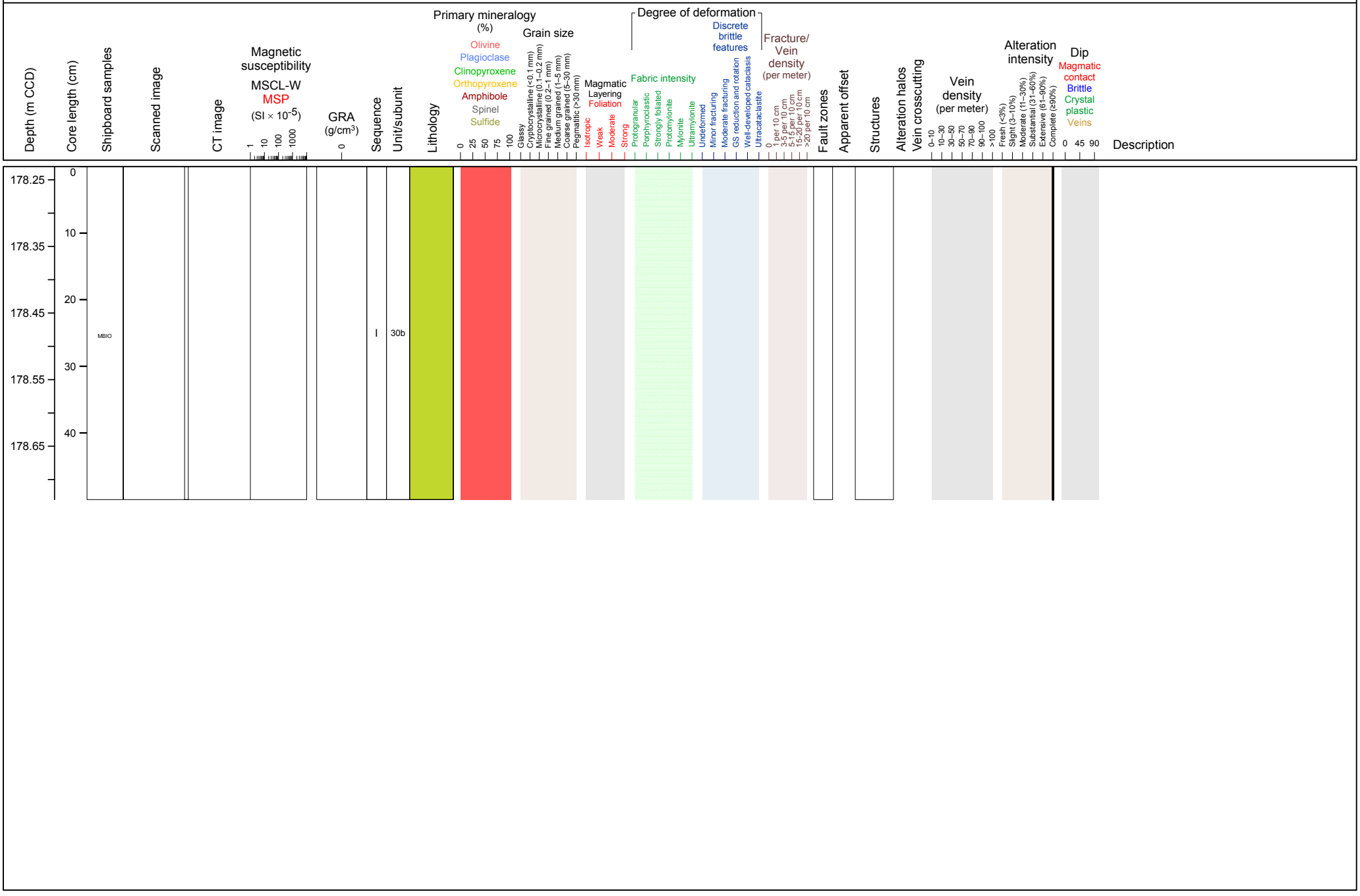


Hole BA4A-66Z Section 2, Top of Section 177.47 (m CCD)

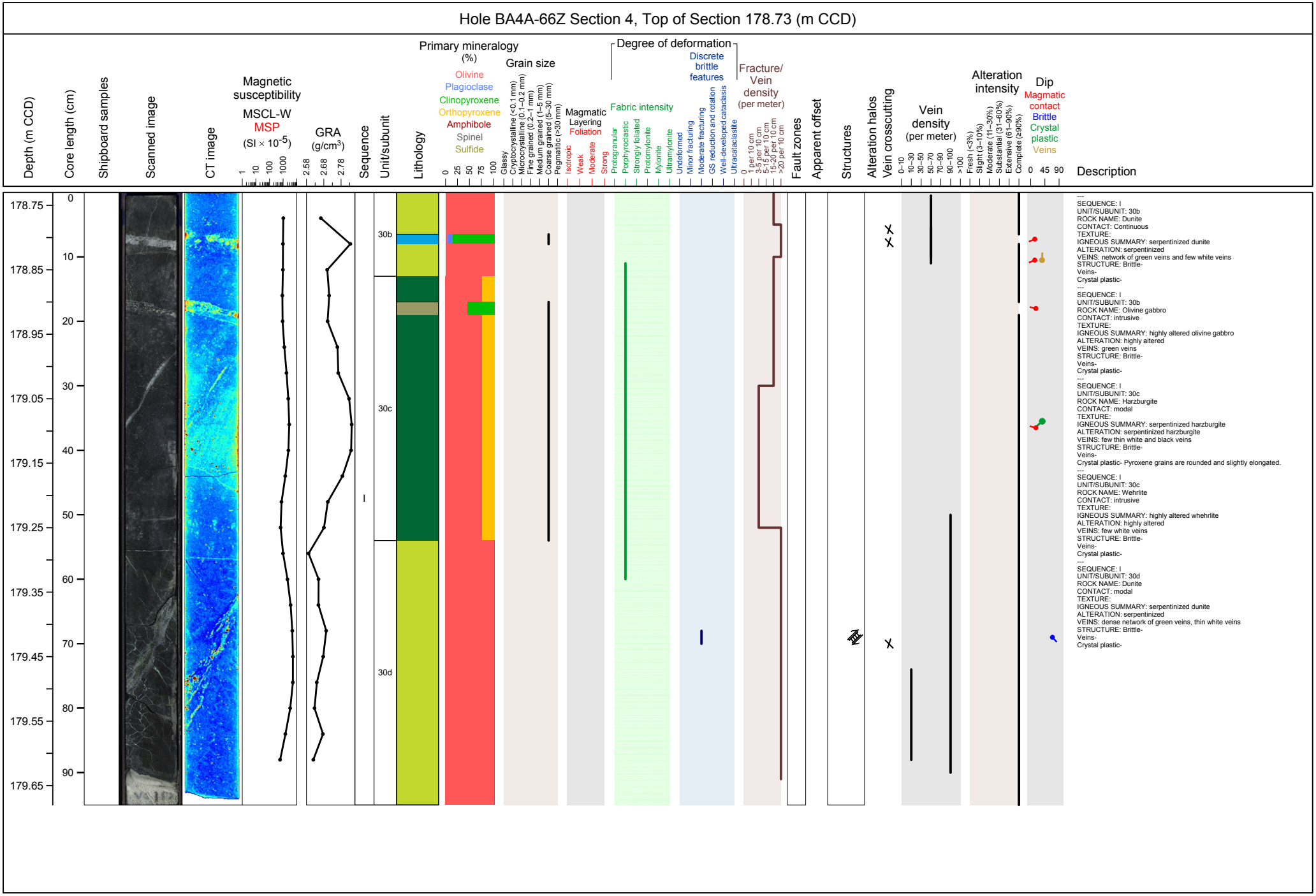


ALL TO MBIO

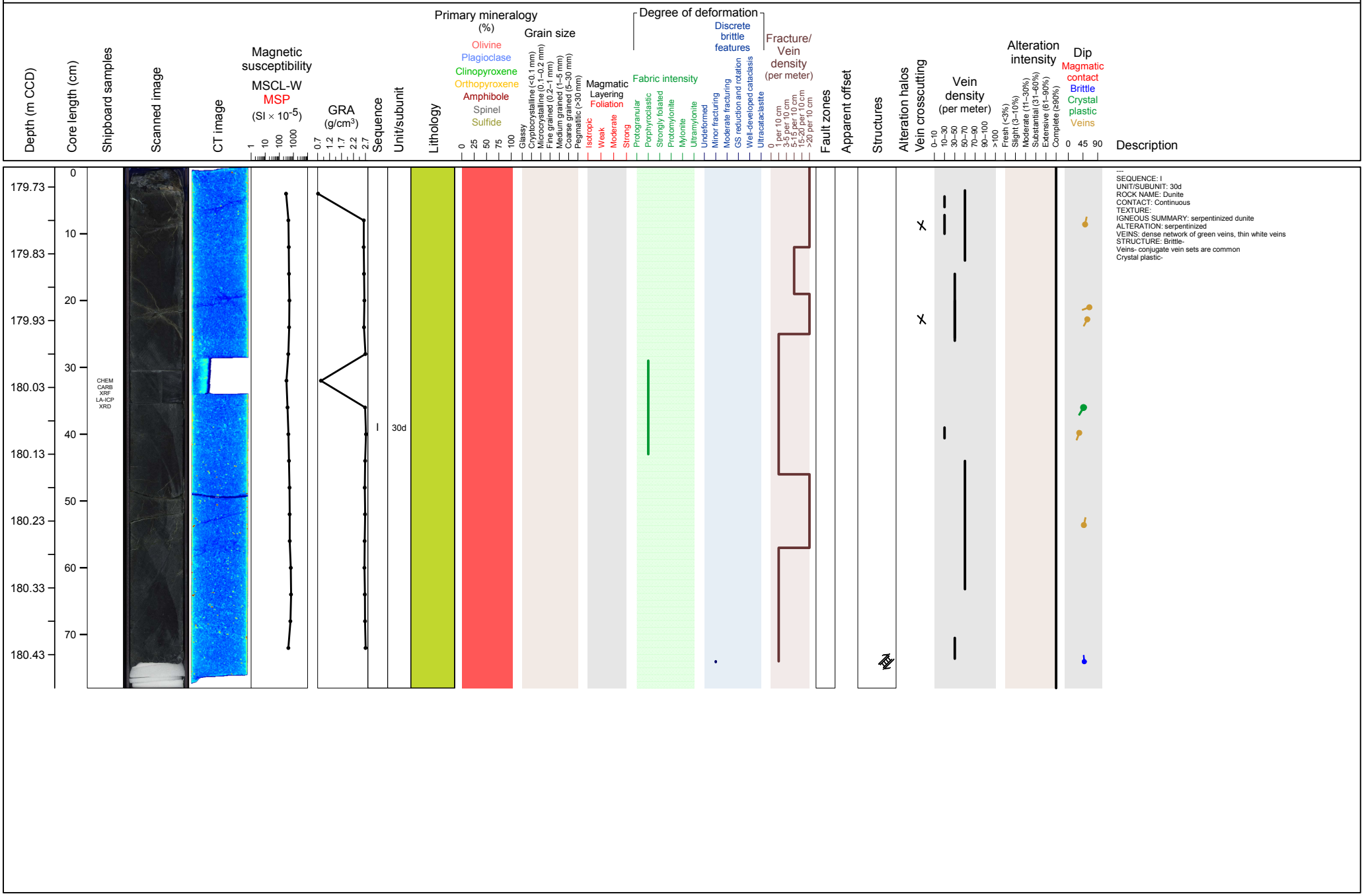
Hole BA4A-66Z Section 3, Top of Section 178.23 (m CCD)



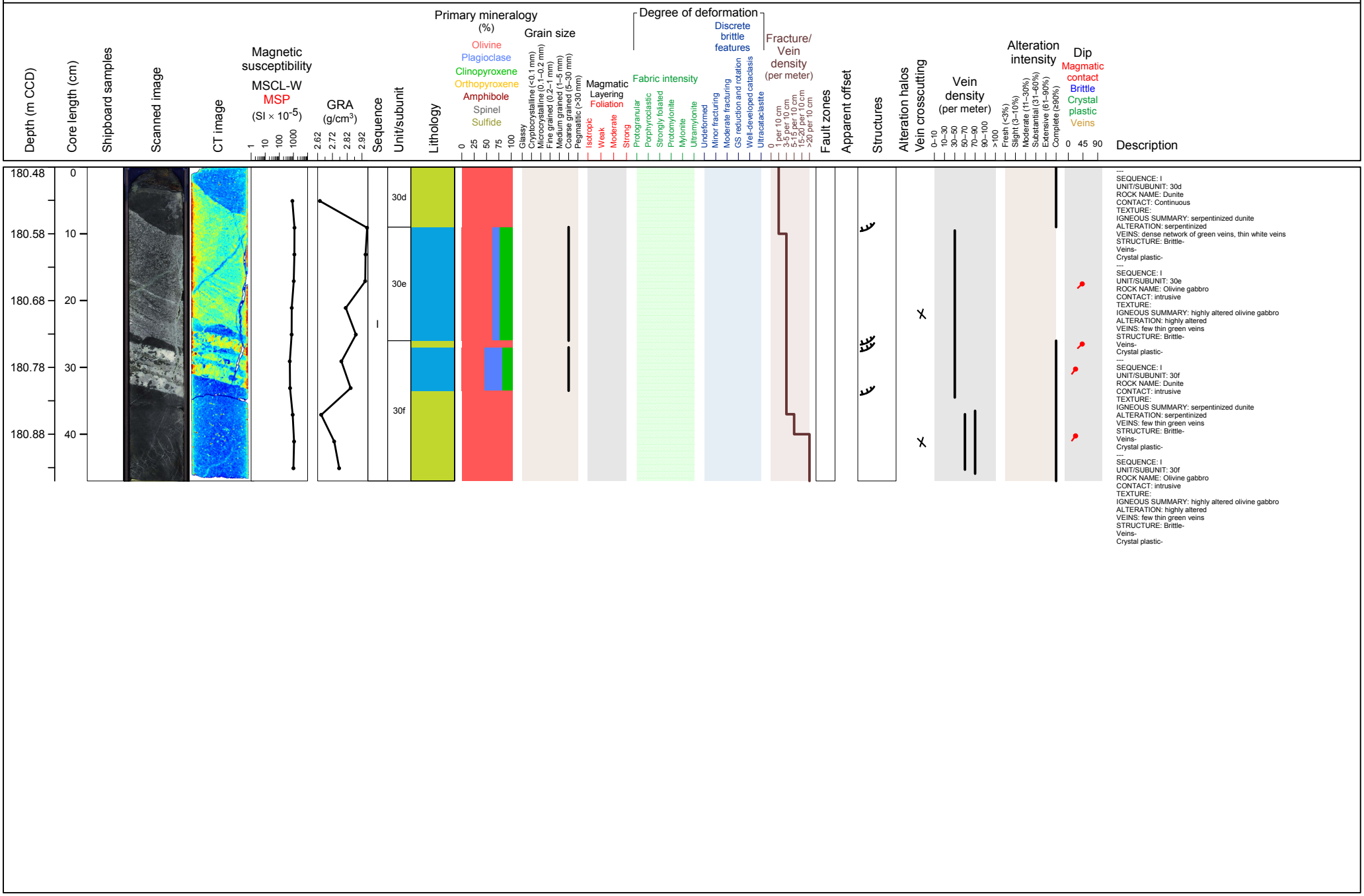
Hole BA4A-66Z Section 4, Top of Section 178.73 (m CCD)



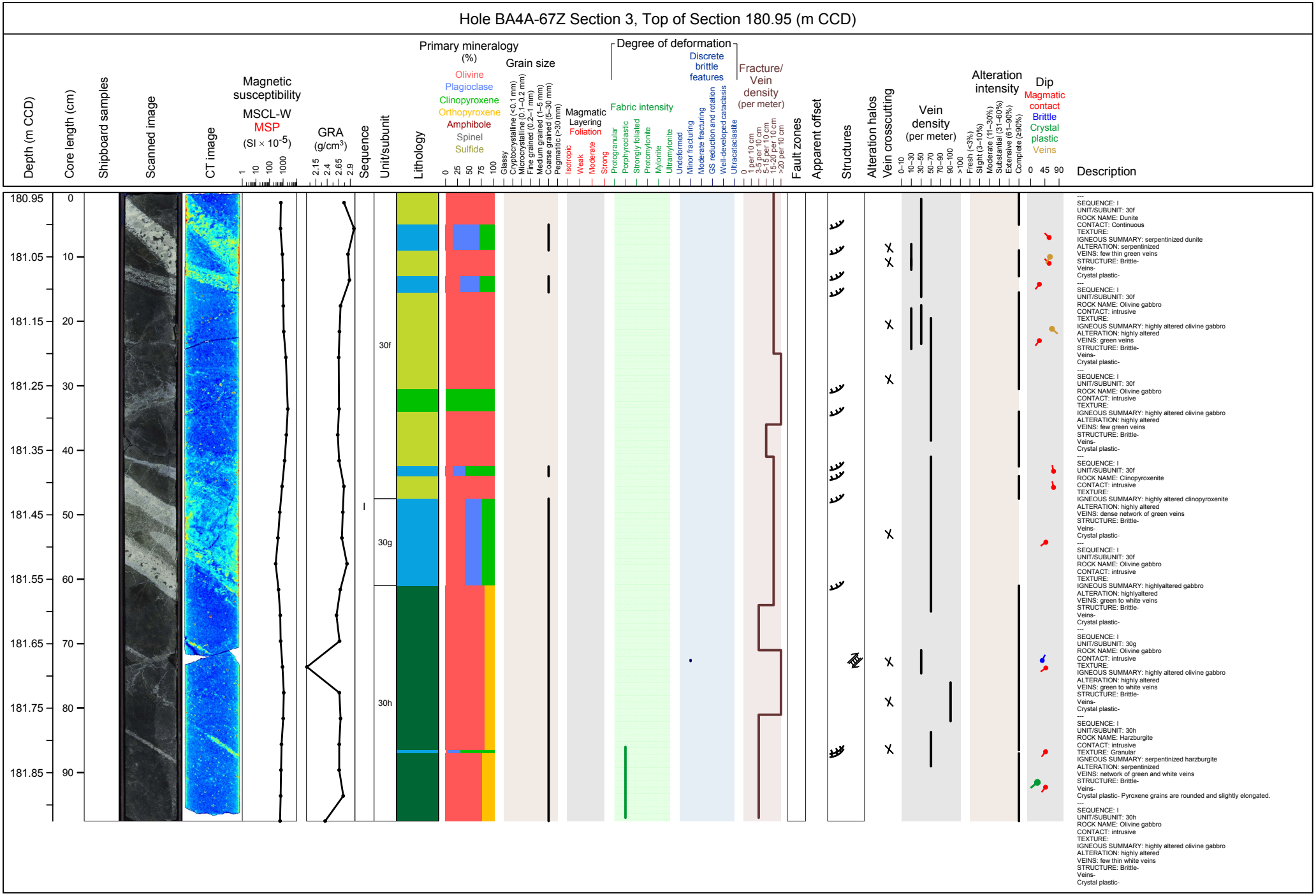
Hole BA4A-67Z Section 1, Top of Section 179.70 (m CCD)



Hole BA4A-67Z Section 2, Top of Section 180.48 (m CCD)



Hole BA4A-67Z Section 3, Top of Section 180.95 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 30f
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite
ALTERATION: serpentinized
VEINS: few thin green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 30f
ROCK NAME: Olive gabbro
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: highly altered olivine gabbro
ALTERATION: highly altered
VEINS: green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 30f
ROCK NAME: Olive gabbro
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: highly altered olivine gabbro
ALTERATION: highly altered
VEINS: few green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 30f
ROCK NAME: Clinopyroxenite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: highly altered clinopyroxenite
ALTERATION: highly altered
VEINS: dense network of green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

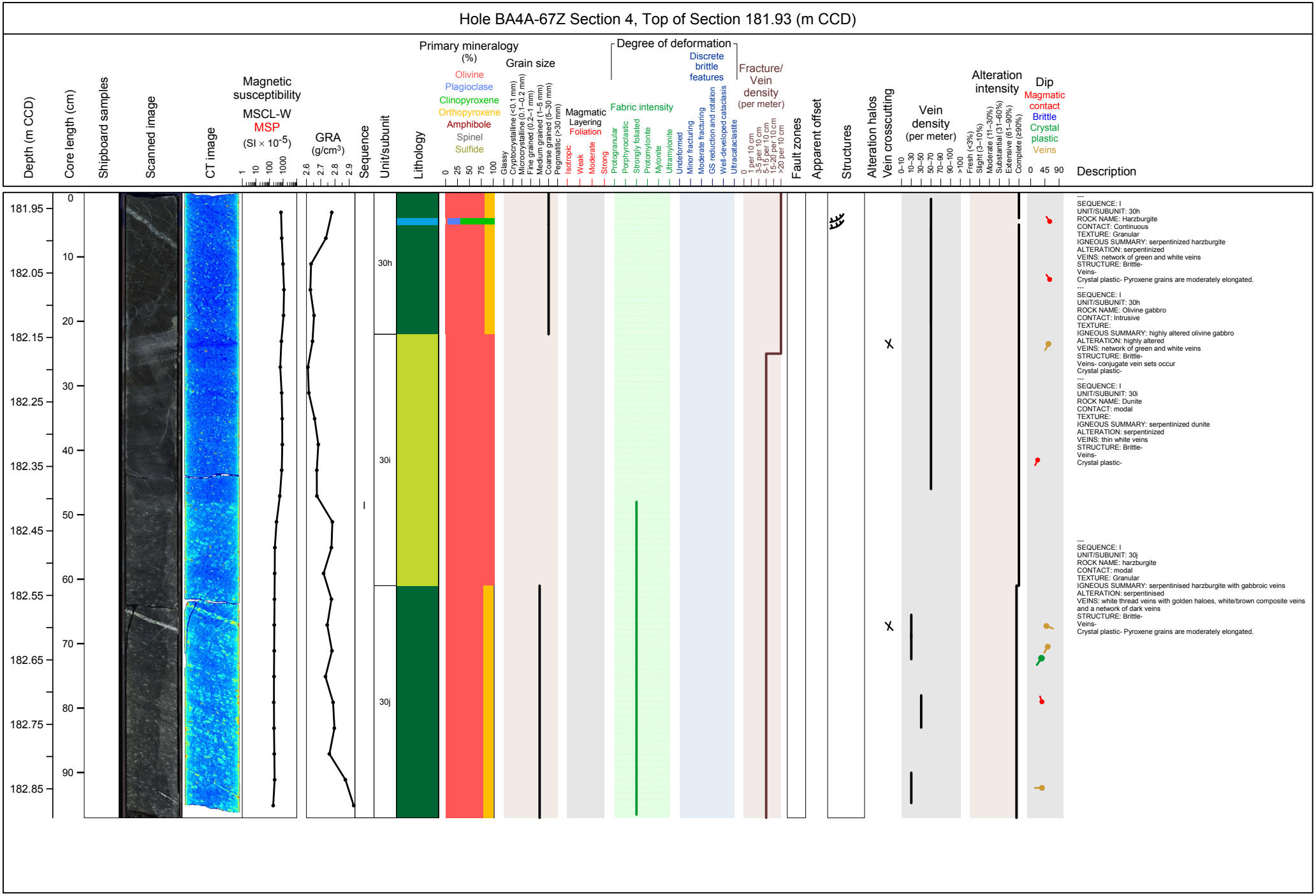
SEQUENCE: I
UNIT/SUBUNIT: 30f
ROCK NAME: Olive gabbro
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: highlyaltered gabbro
ALTERATION: highlyaltered
VEINS: green to white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 30g
ROCK NAME: Olive gabbro
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: highly altered olivine gabbro
ALTERATION: highly altered
VEINS: green to white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 30h
ROCK NAME: Harzburgite
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinized harzburgite
ALTERATION: serpentinized
VEINS: network of green and white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 30h
ROCK NAME: Olive gabbro
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: highly altered olivine gabbro
ALTERATION: highly altered
VEINS: few thin white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-67Z Section 4, Top of Section 181.93 (m CCD)



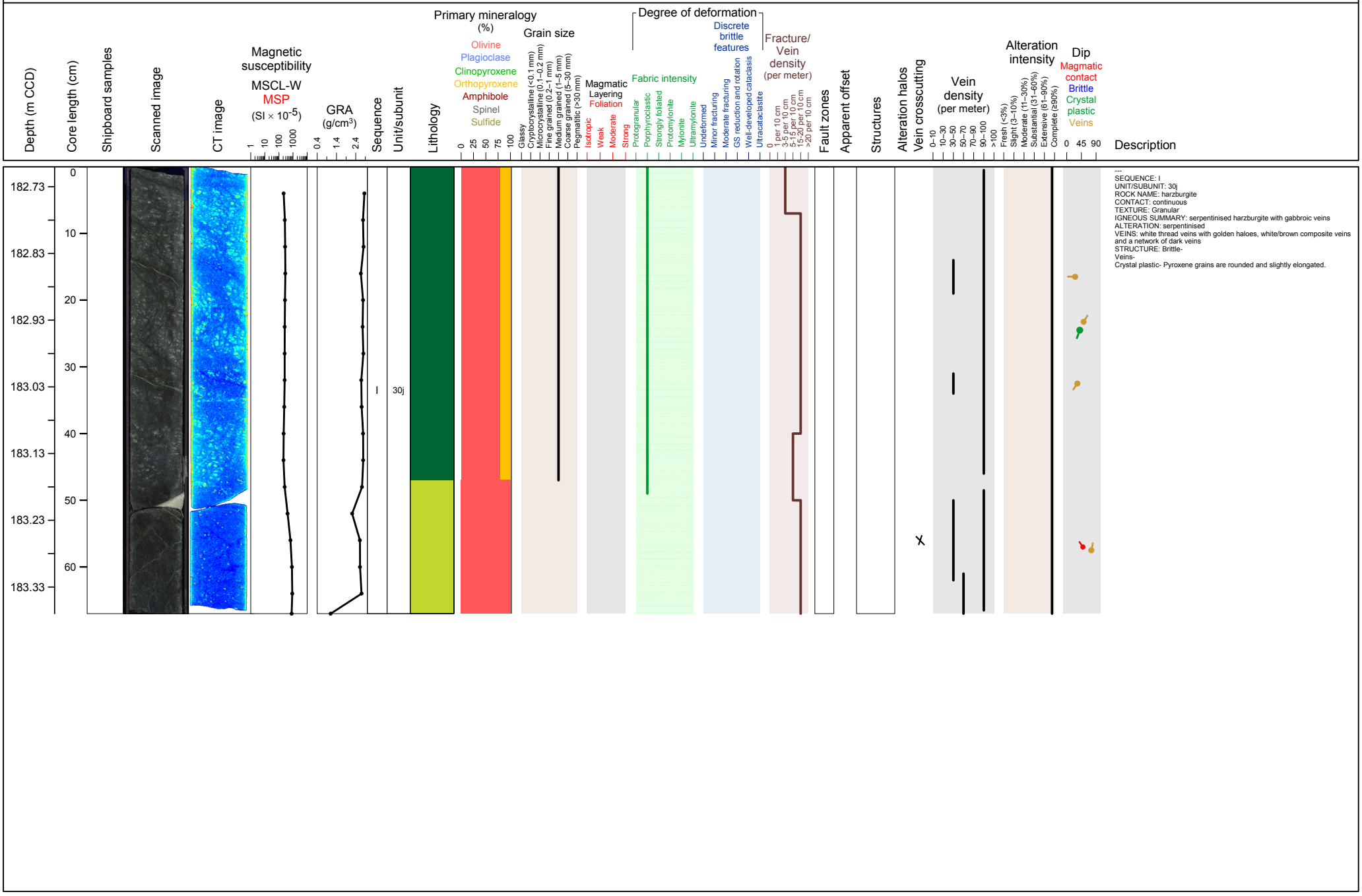
SEQUENCE: I
UNIT/SUBUNIT: 30h
ROCK NAME: Harzburgite
CONTACT: Continuous
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinized harzburgite
ALTERATION: serpentinized
VEINS: network of green and white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are moderately elongated.

SEQUENCE: I
UNIT/SUBUNIT: 30h
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: highly altered olivine gabbro
ALTERATION: highly altered
VEINS: network of green and white veins
STRUCTURE: Brittle-
Veins- conjugate vein sets occur
Crystal plastic-

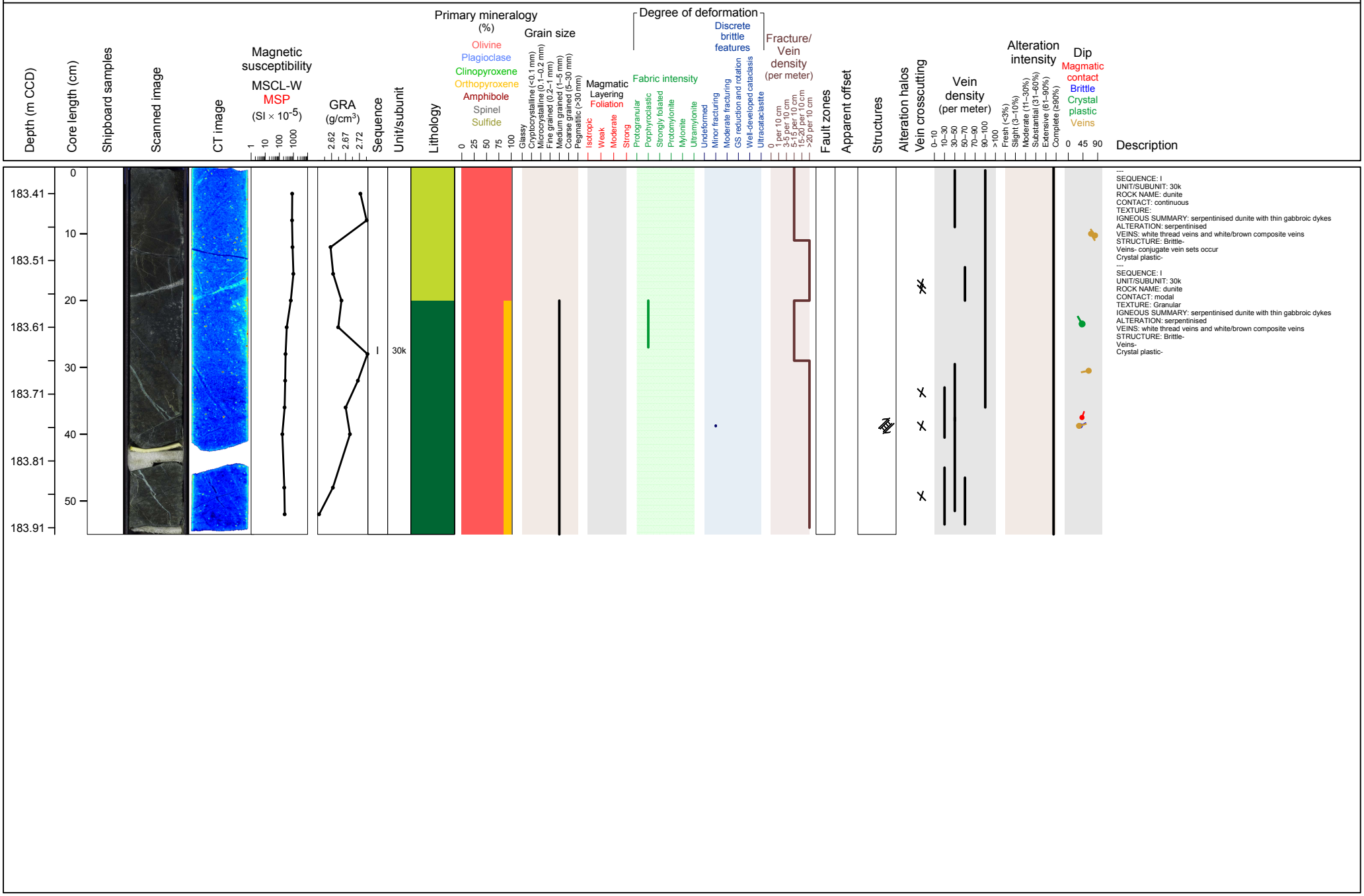
SEQUENCE: I
UNIT/SUBUNIT: 30i
ROCK NAME: Dunite
CONTACT: modal
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite
ALTERATION: serpentinized
VEINS: thin white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 30j
ROCK NAME: harzburgite
CONTACT: modal
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinised harzburgite with gabbroic veins
ALTERATION: serpentinised
VEINS: white thread veins with golden haloes, white/brown composite veins and a network of dark veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are moderately elongated.

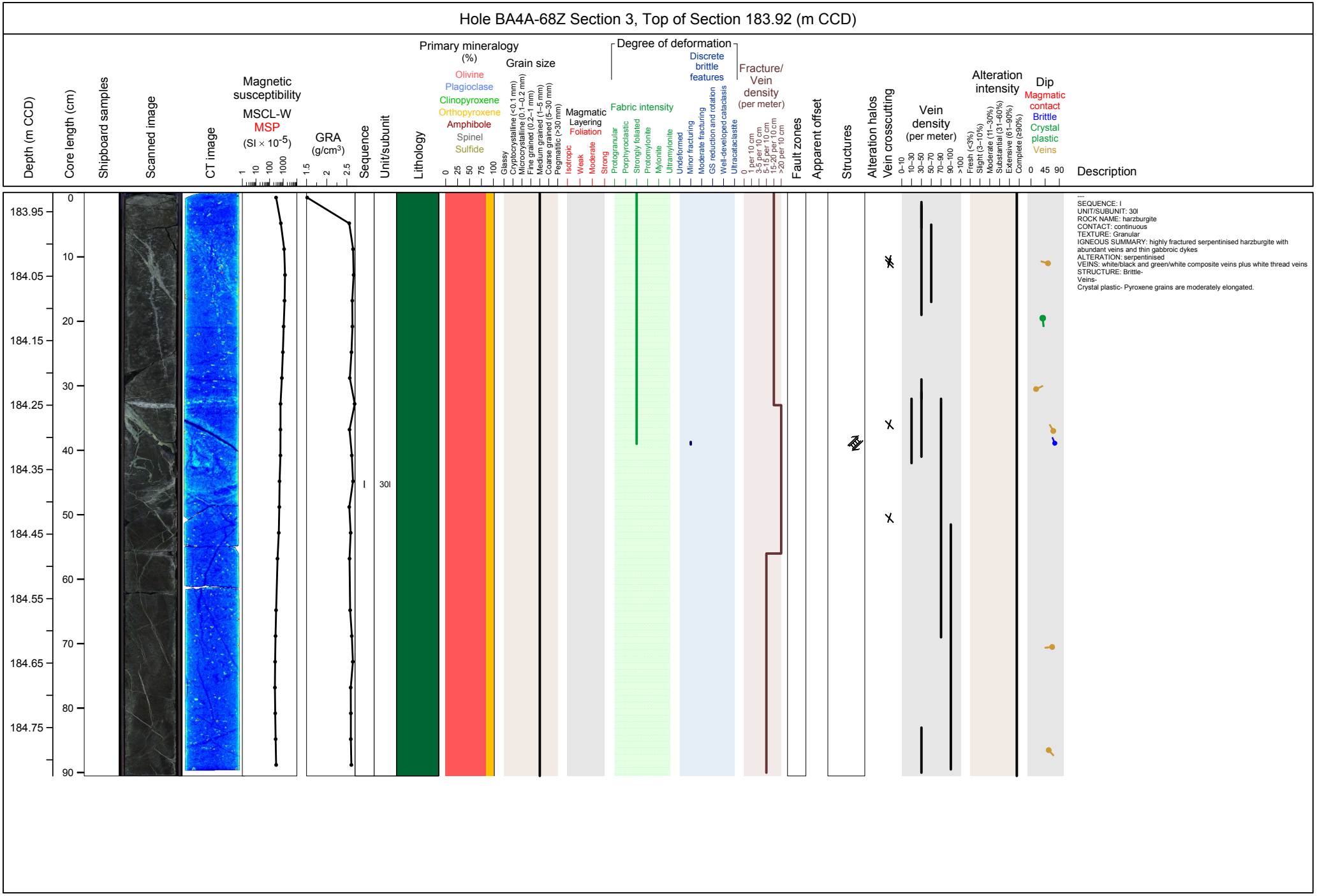
Hole BA4A-68Z Section 1, Top of Section 182.70 (m CCD)



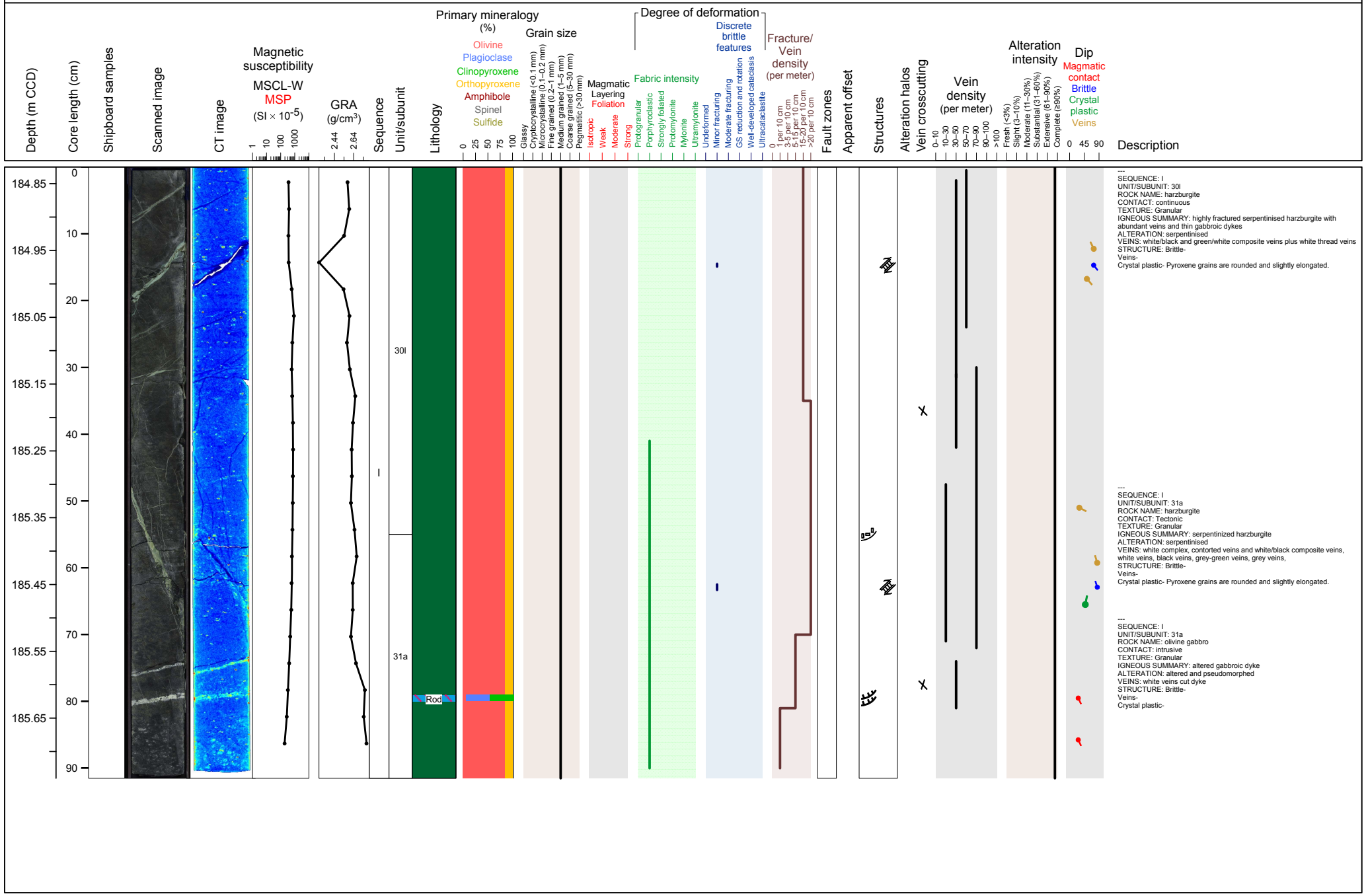
Hole BA4A-68Z Section 2, Top of Section 183.37 (m CCD)



Hole BA4A-68Z Section 3, Top of Section 183.92 (m CCD)



Hole BA4A-68Z Section 4, Top of Section 184.83 (m CCD)

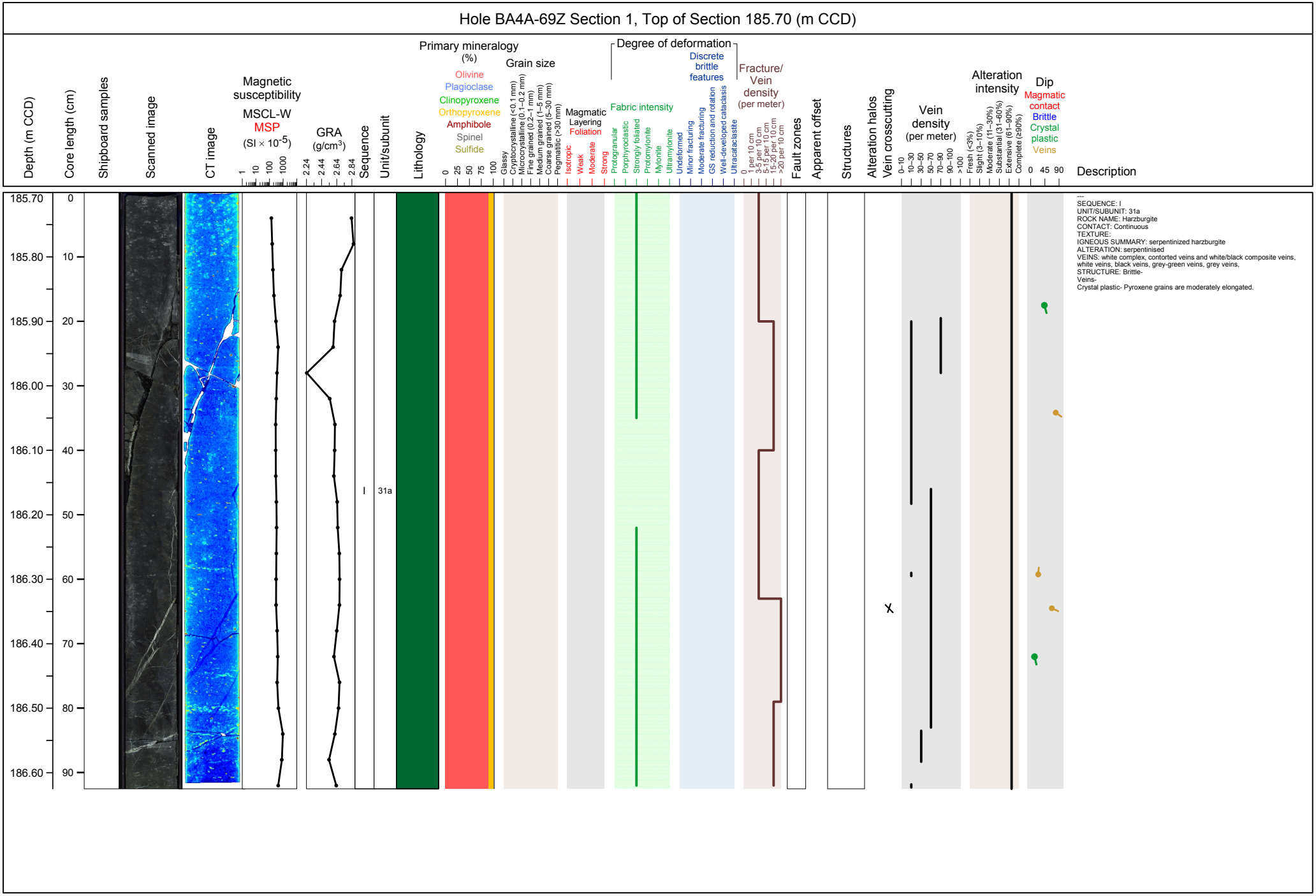


SEQUENCE: I
UNIT/SUBUNIT: 30I
ROCK NAME: harzburgite
CONTACT: continuous
TEXTURE: Granular
IGNEOUS SUMMARY: highly fractured serpentinised harzburgite with abundant veins and thin gabbroic dykes
ALTERATION: serpentinised
VEINS: white/black and green/white composite veins plus white thread veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

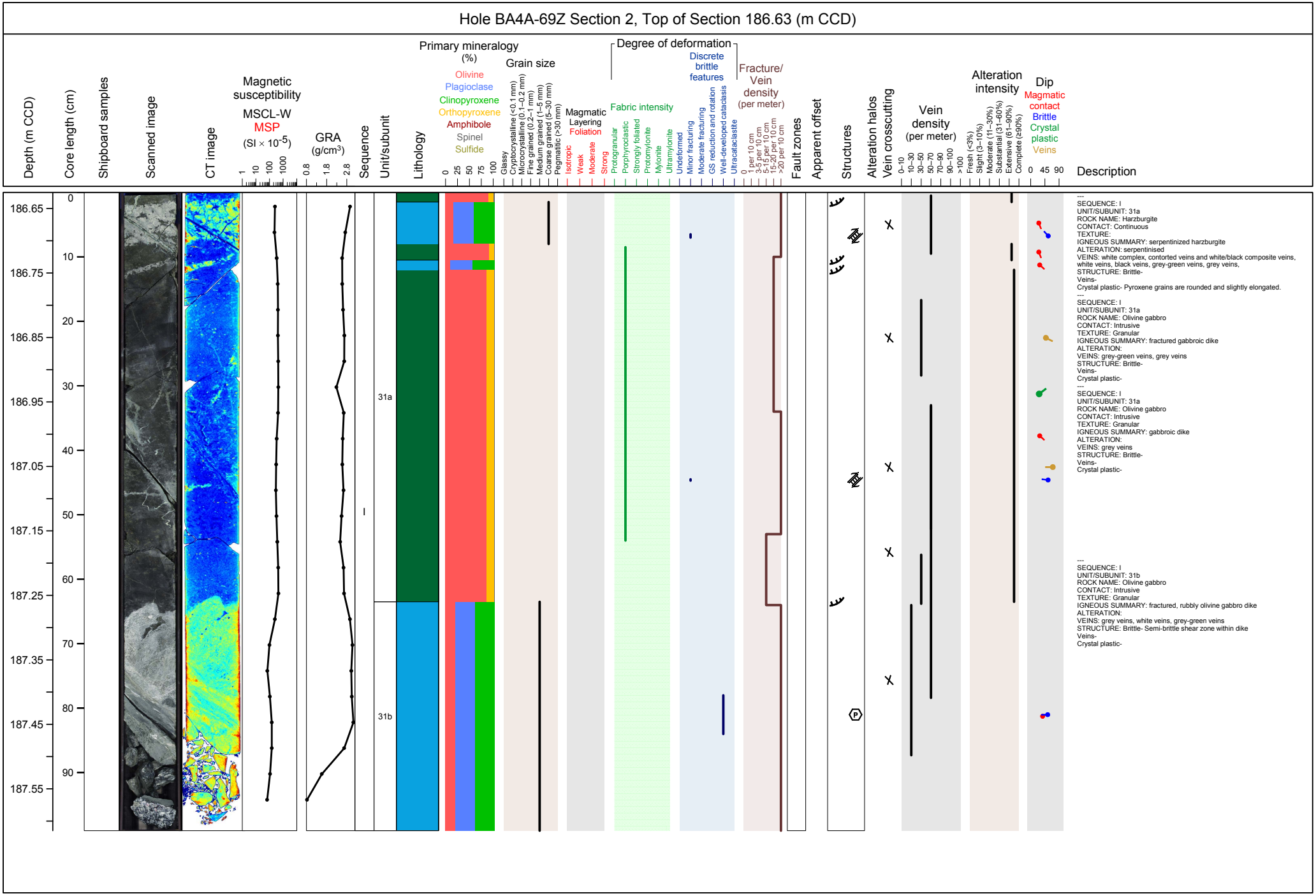
SEQUENCE: I
UNIT/SUBUNIT: 31a
ROCK NAME: harzburgite
CONTACT: Tectonic
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinized harzburgite
ALTERATION: serpentinised
VEINS: white complex, contorted veins and white/black composite veins, white veins, black veins, grey-green veins, grey veins,
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 31a
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered gabbroic dyke
ALTERATION: altered and pseudomorphed
VEINS: white veins cut dyke
STRUCTURE: Brittle-
Veins-
Crystal plastic-

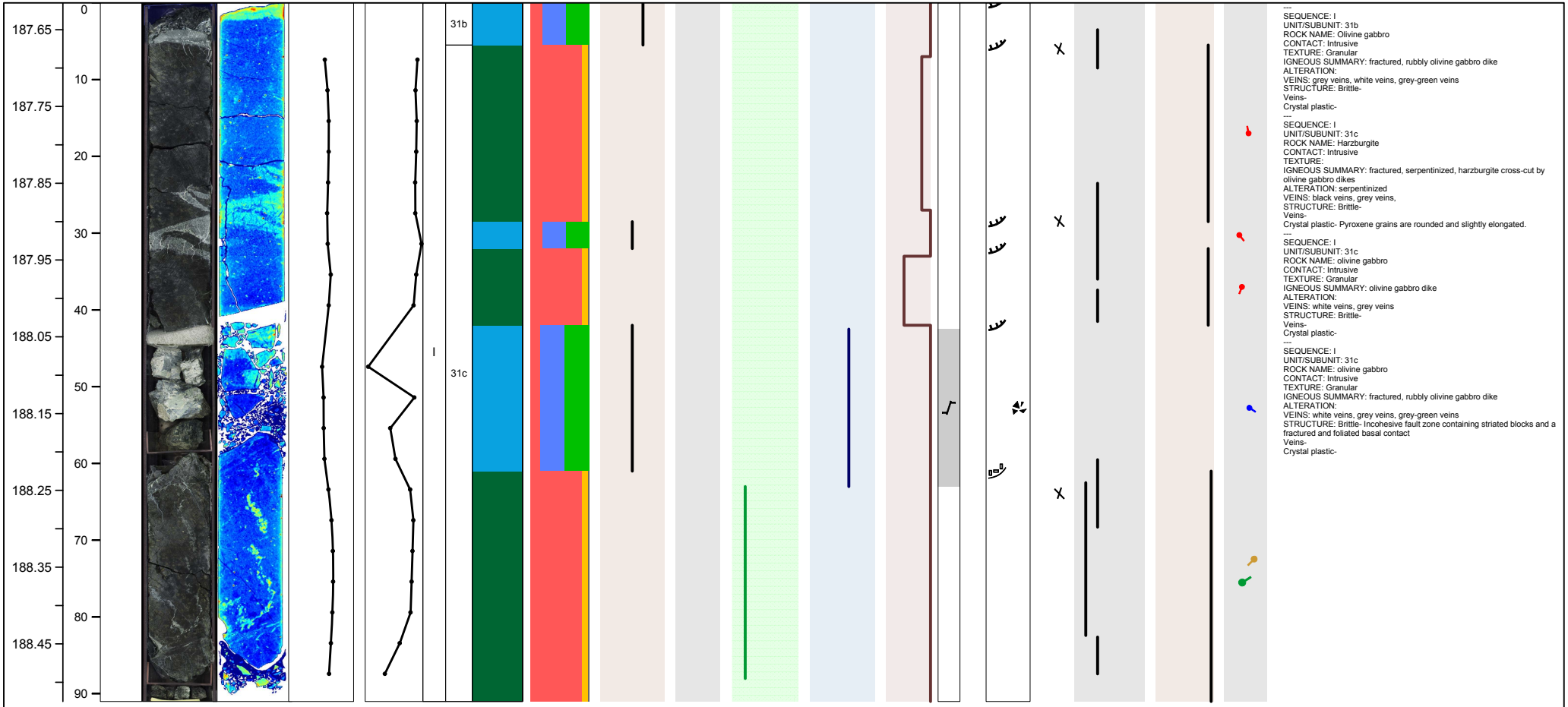
Hole BA4A-69Z Section 1, Top of Section 185.70 (m CCD)



Hole BA4A-69Z Section 2, Top of Section 186.63 (m CCD)



Hole BA4A-69Z Section 3, Top of Section 187.62 (m CCD)



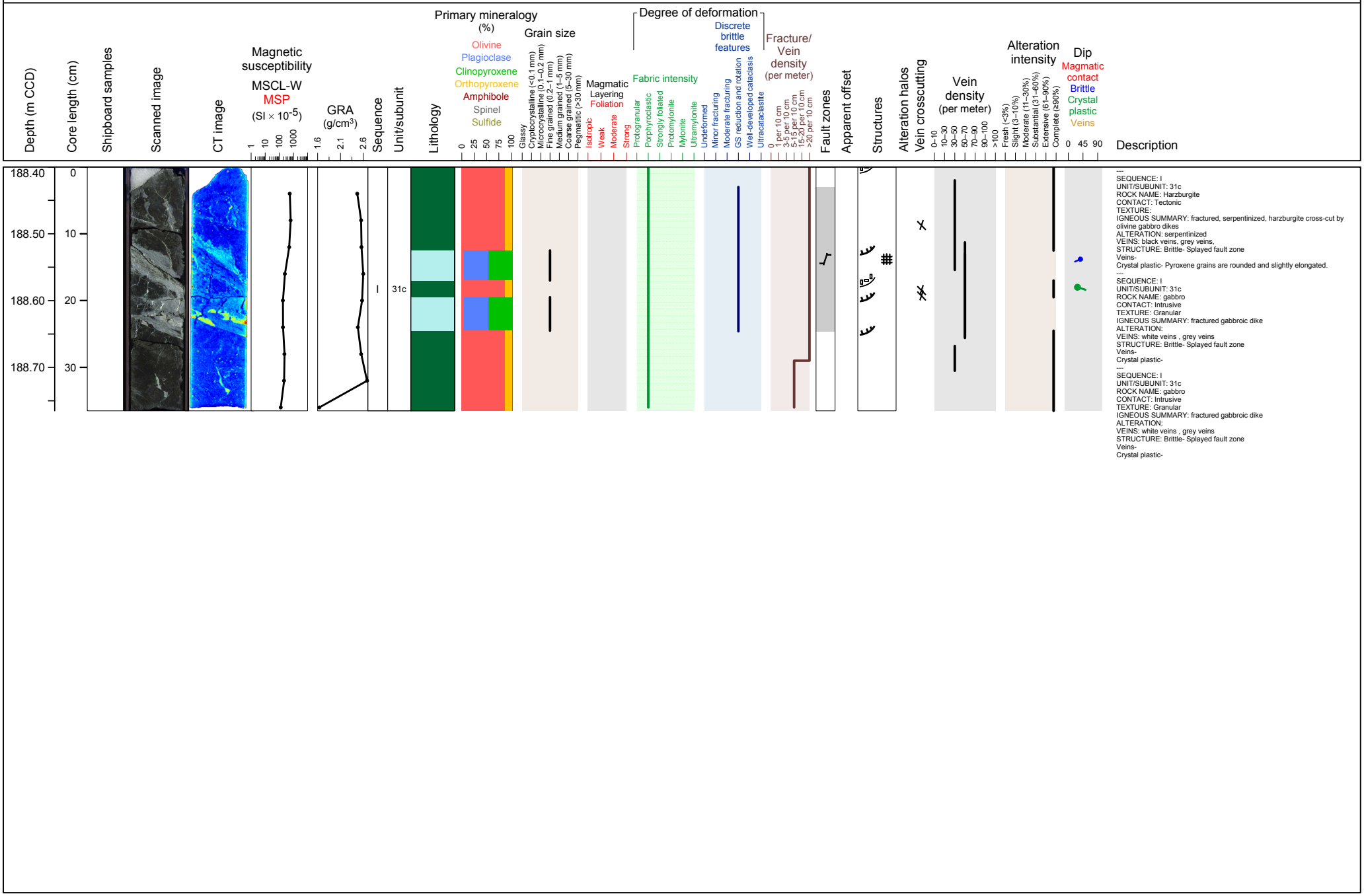
SEQUENCE: I
UNIT/SUBUNIT: 31b
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: fractured, rubbly olivine gabbro dike
ALTERATION:
VEINS: grey veins, white veins, grey-green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 31c
ROCK NAME: Harzburgite
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: fractured, serpentinized, harzburgite cross-cut by olivine gabbro dikes
ALTERATION: serpentinized
VEINS: black veins, grey veins,
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 31c
ROCK NAME: olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: olivine gabbro dike
ALTERATION:
VEINS: white veins, grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 31c
ROCK NAME: olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: fractured, rubbly olivine gabbro dike
ALTERATION:
VEINS: white veins, grey veins, grey-green veins
STRUCTURE: Brittle- Incohesive fault zone containing striated blocks and a fractured and foliated basal contact
Veins-
Crystal plastic-

Hole BA4A-70Z Section 1, Top of Section 188.40 (m CCD)

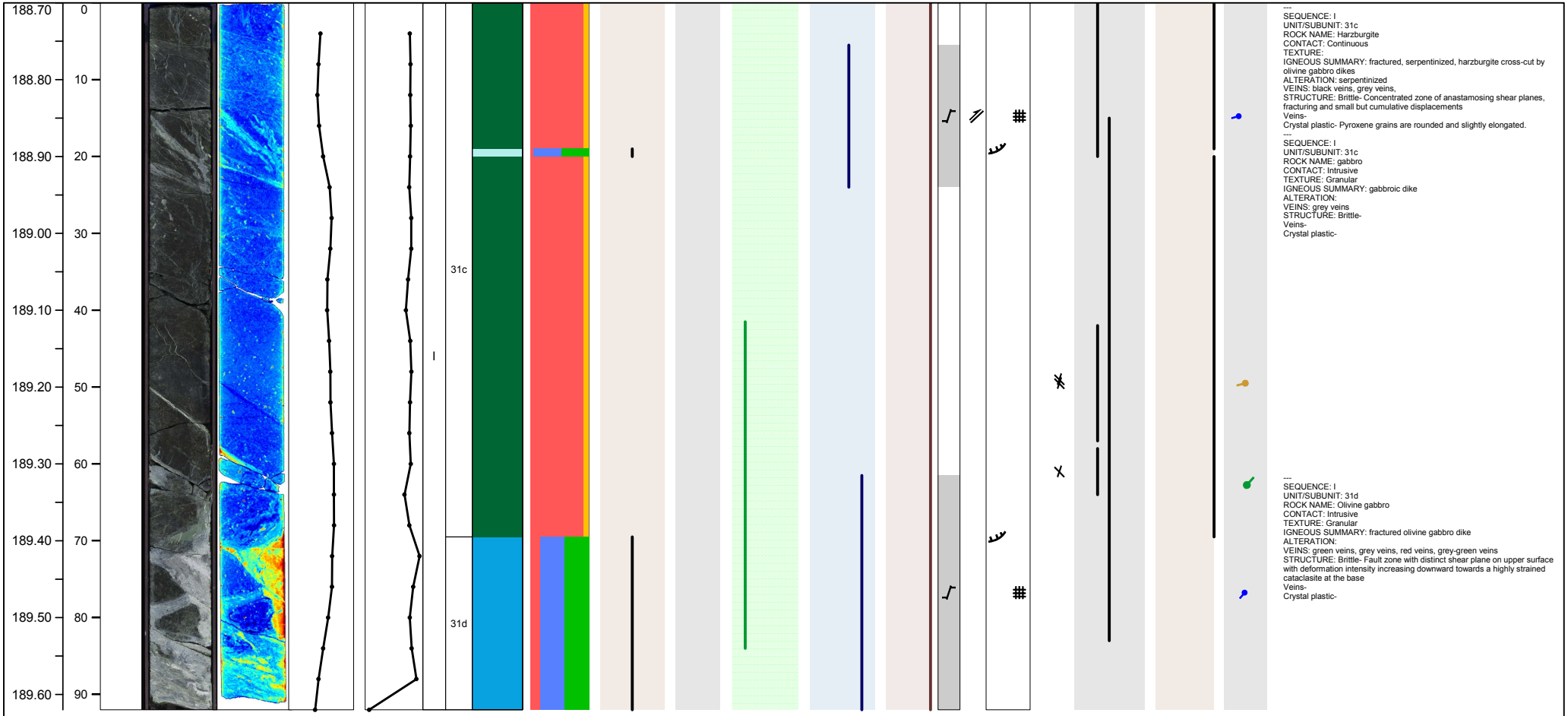


SEQUENCE: I
UNIT/SUBUNIT: 31c
ROCK NAME: Harzburgite
CONTACT: Tectonic
TEXTURE:
IGNEOUS SUMMARY: fractured, serpentinized, harzburgite cross-cut by olivine gabbro dikes
ALTERATION: serpentinized
VEINS: black veins, grey veins,
STRUCTURE: Brittle- Splayed fault zone
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

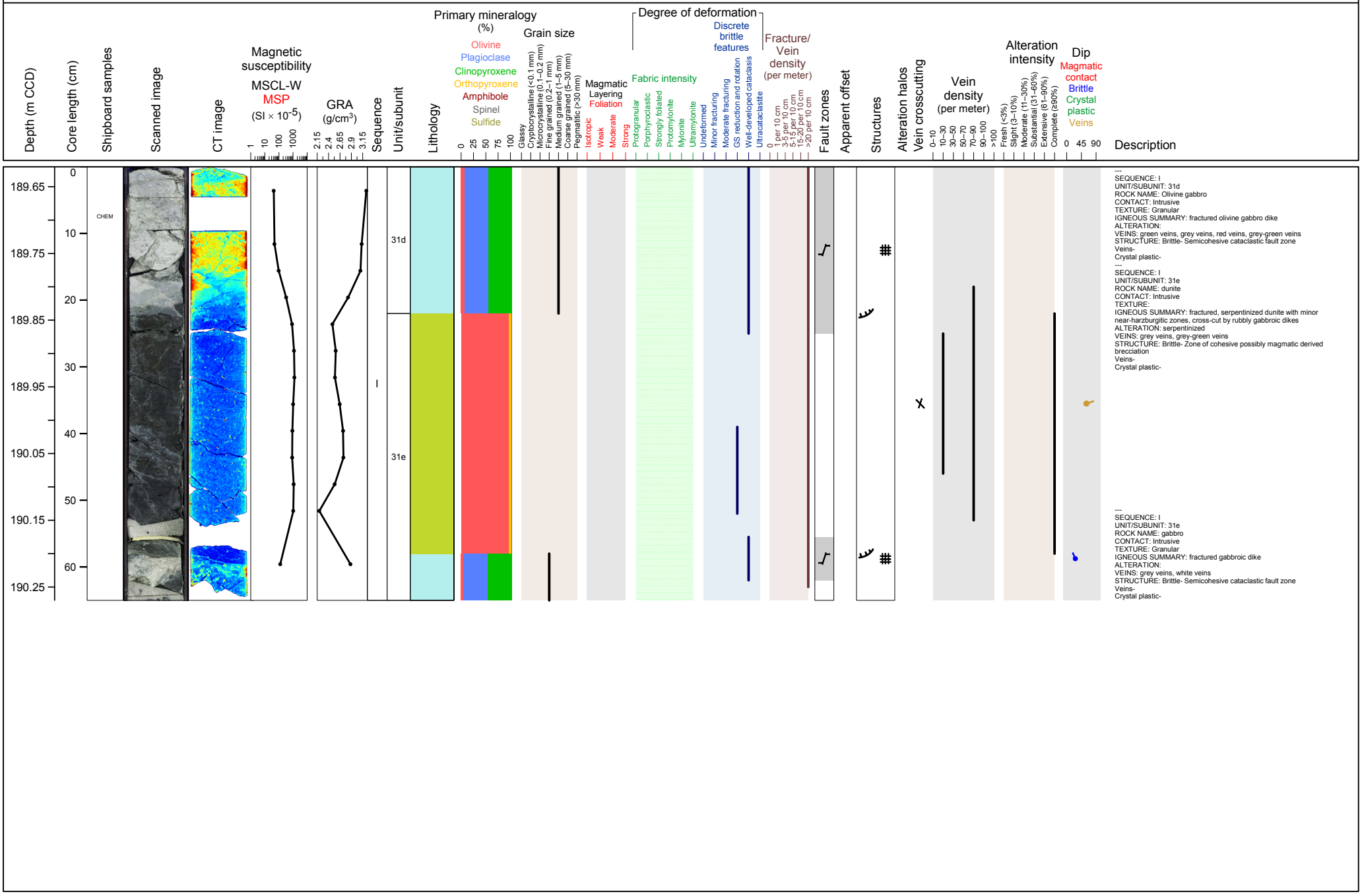
SEQUENCE: I
UNIT/SUBUNIT: 31c
ROCK NAME: gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: fractured gabbroic dike
ALTERATION:
VEINS: white veins , grey veins
STRUCTURE: Brittle- Splayed fault zone
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 31c
ROCK NAME: gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: fractured gabbroic dike
ALTERATION:
VEINS: white veins , grey veins
STRUCTURE: Brittle- Splayed fault zone
Veins-
Crystal plastic-

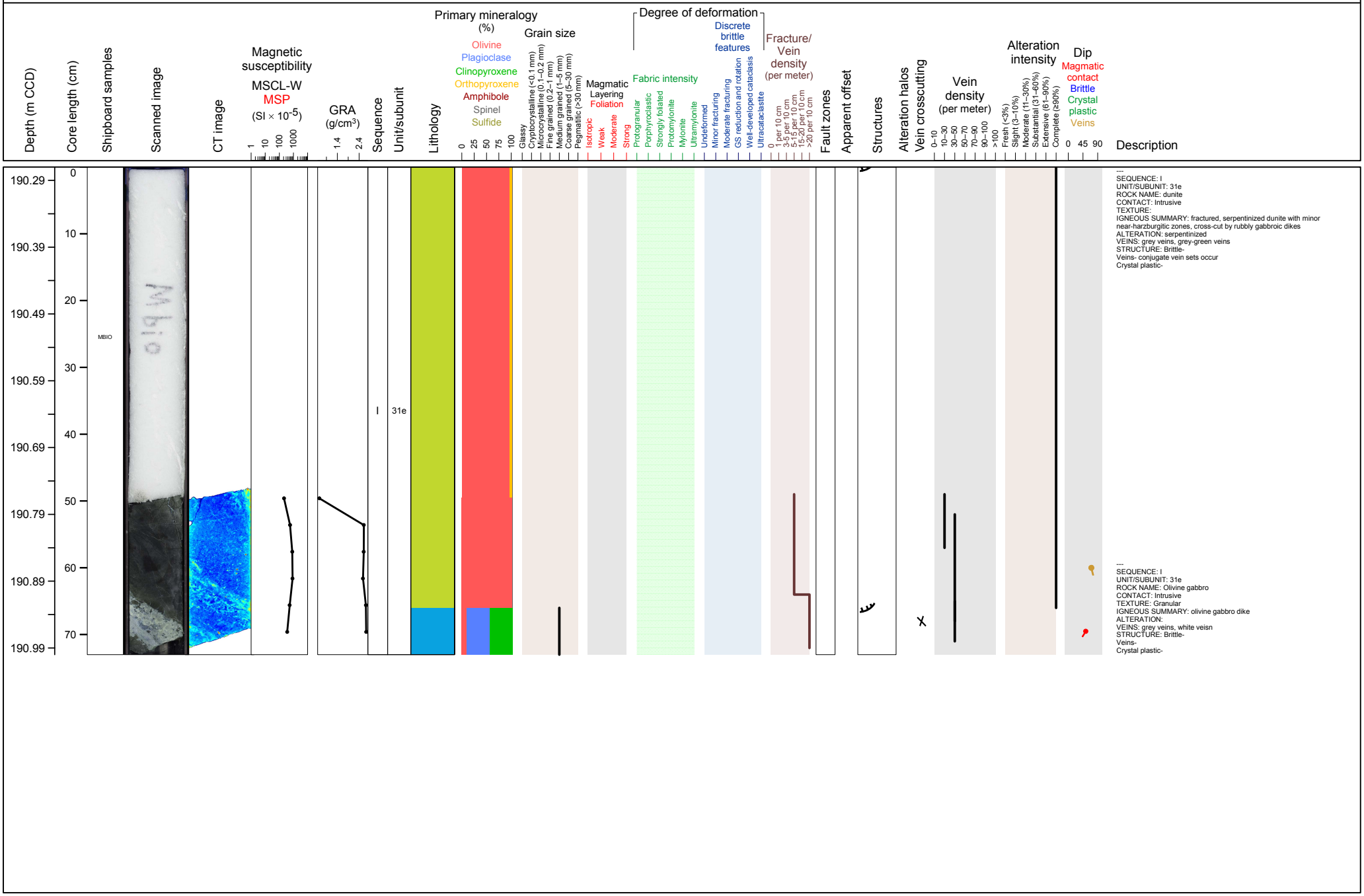
Hole BA4A-71Z Section 1, Top of Section 188.70 (m CCD)



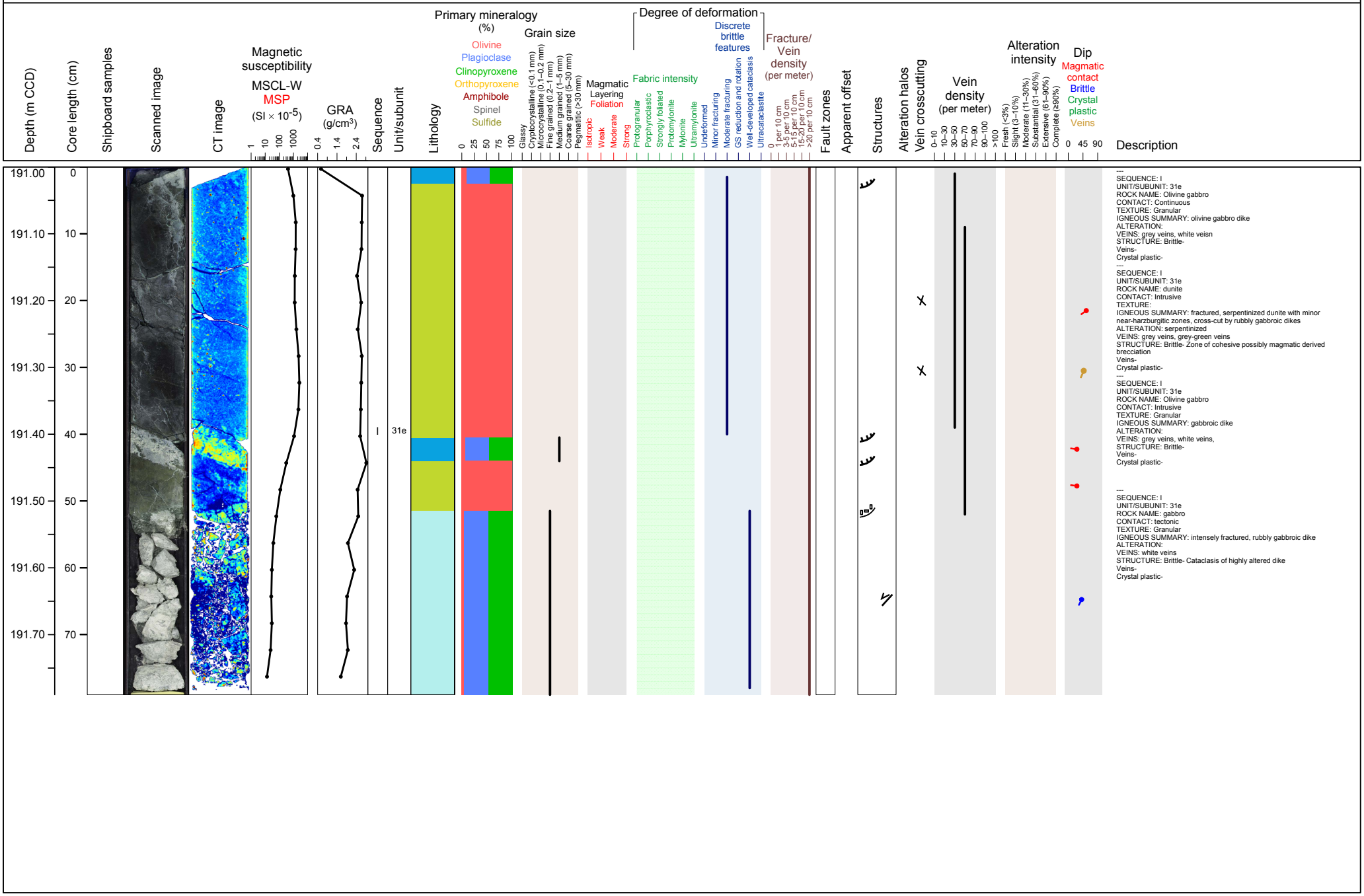
Hole BA4A-71Z Section 2, Top of Section 189.62 (m CCD)



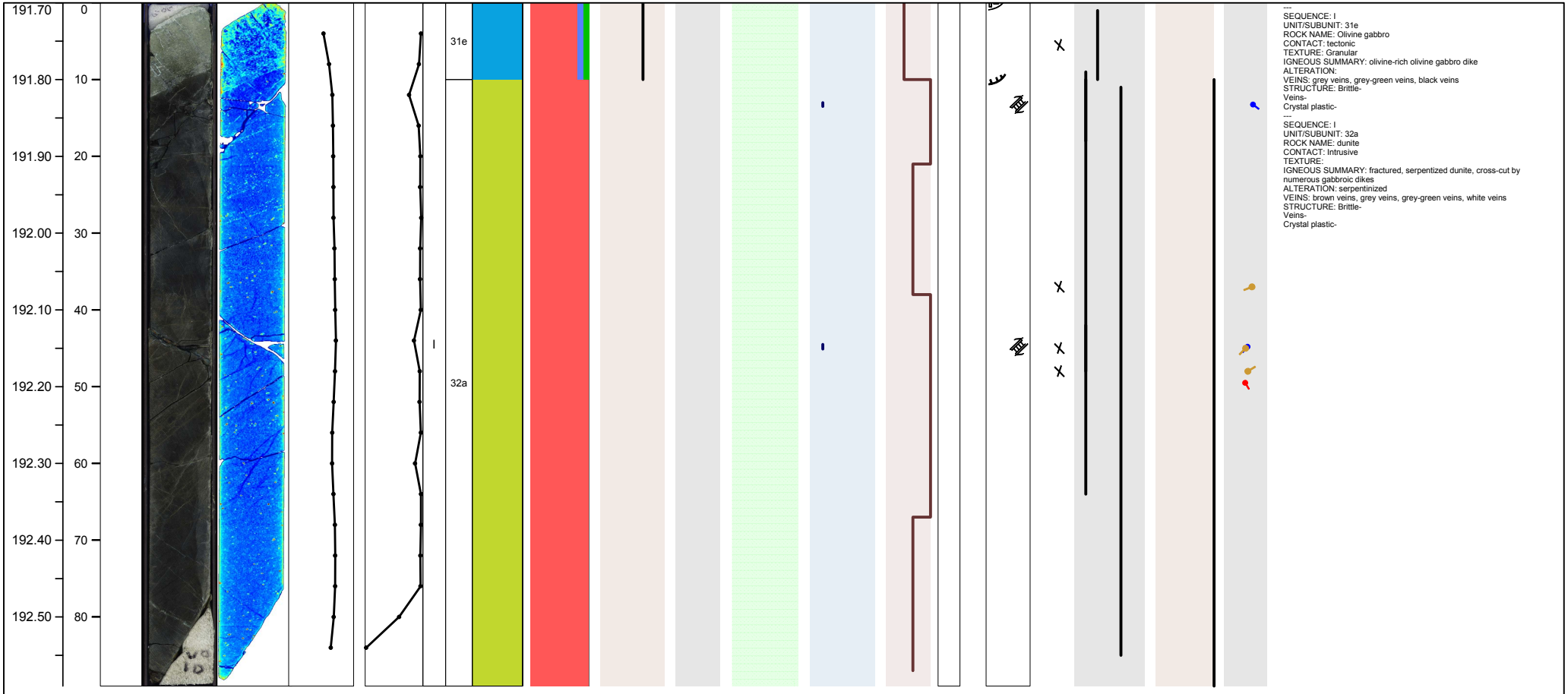
Hole BA4A-71Z Section 3, Top of Section 190.27 (m CCD)



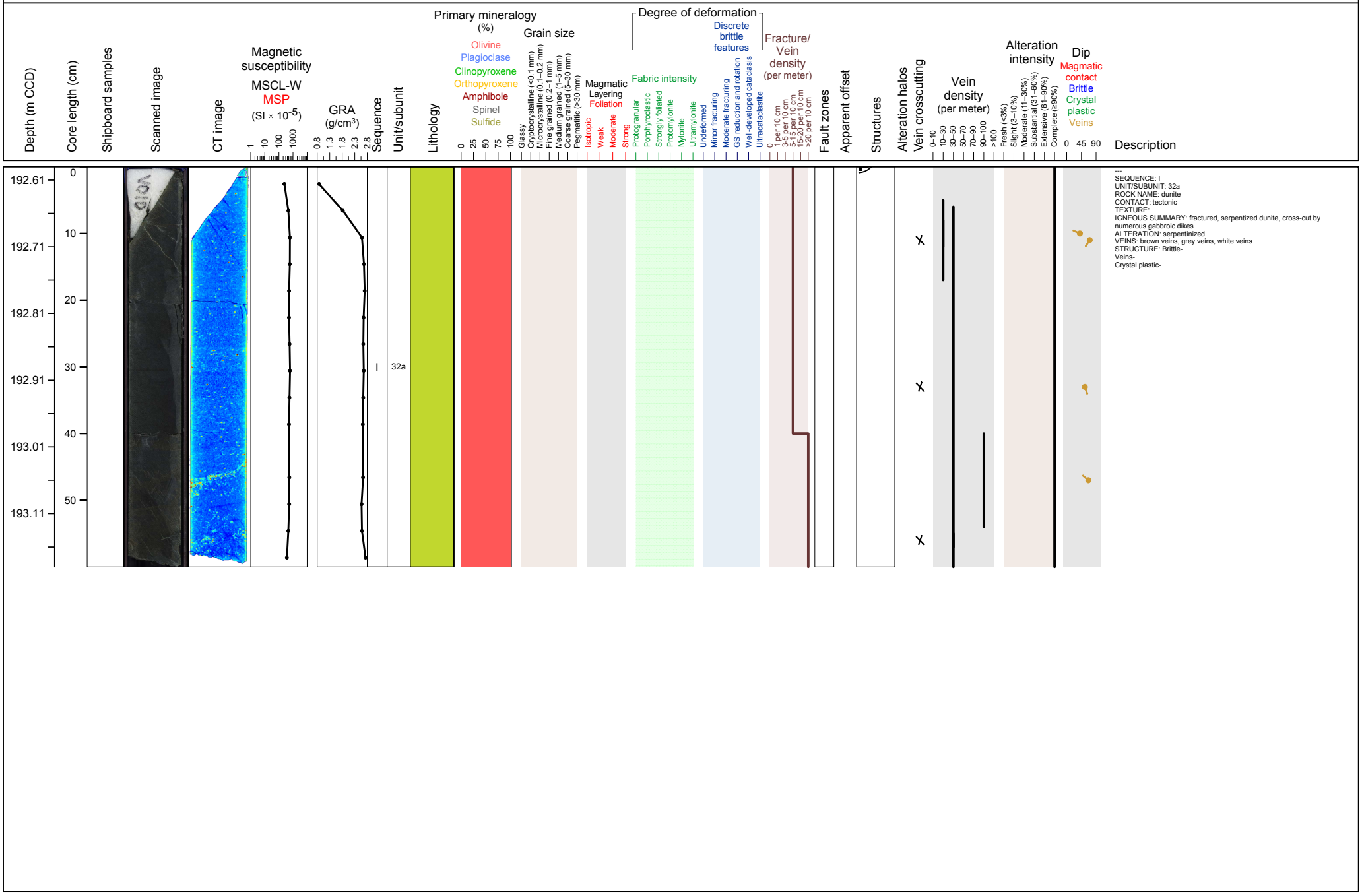
Hole BA4A-71Z Section 4, Top of Section 191.00 (m CCD)



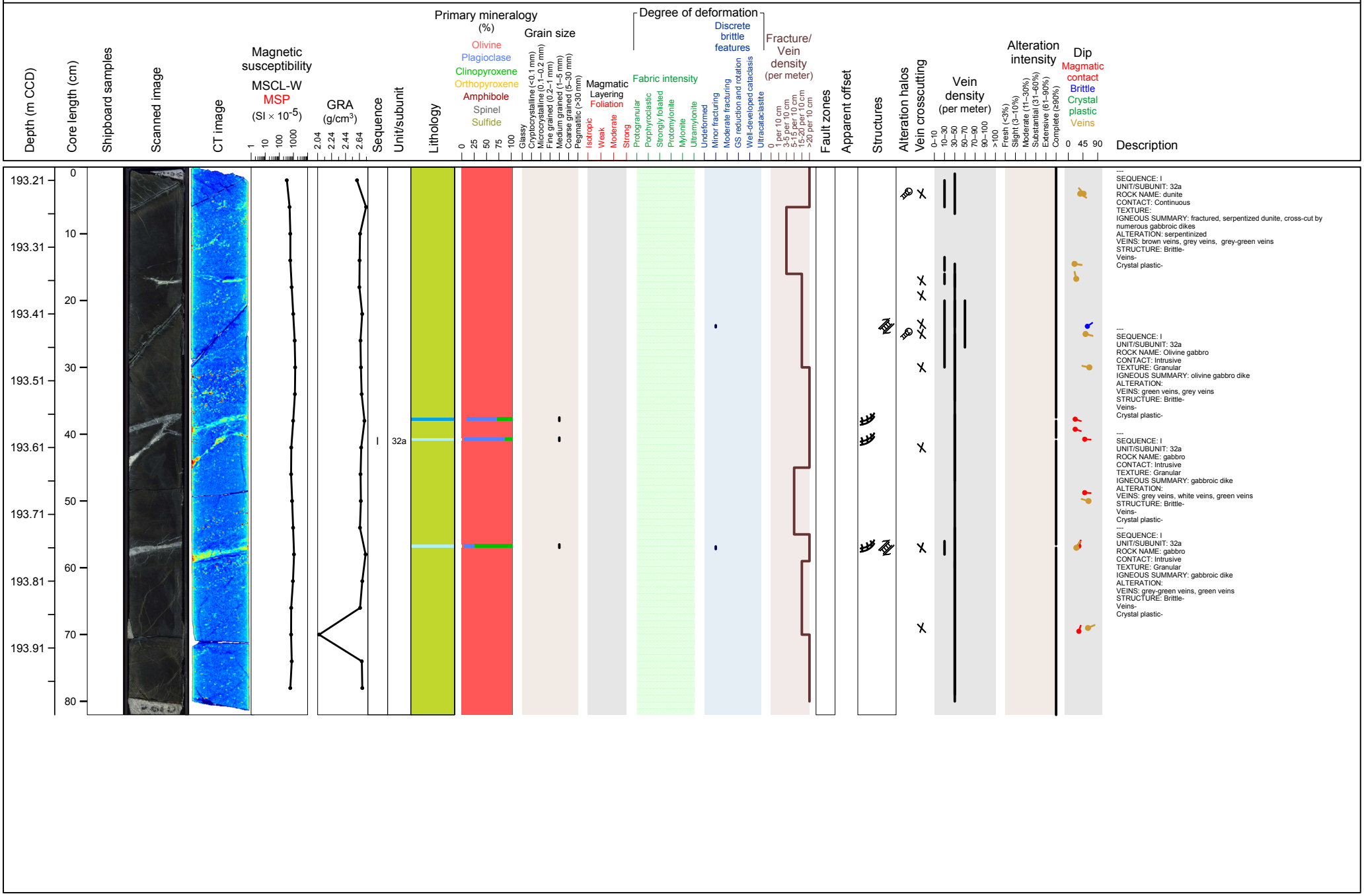
Hole BA4A-72Z Section 1, Top of Section 191.70 (m CCD)



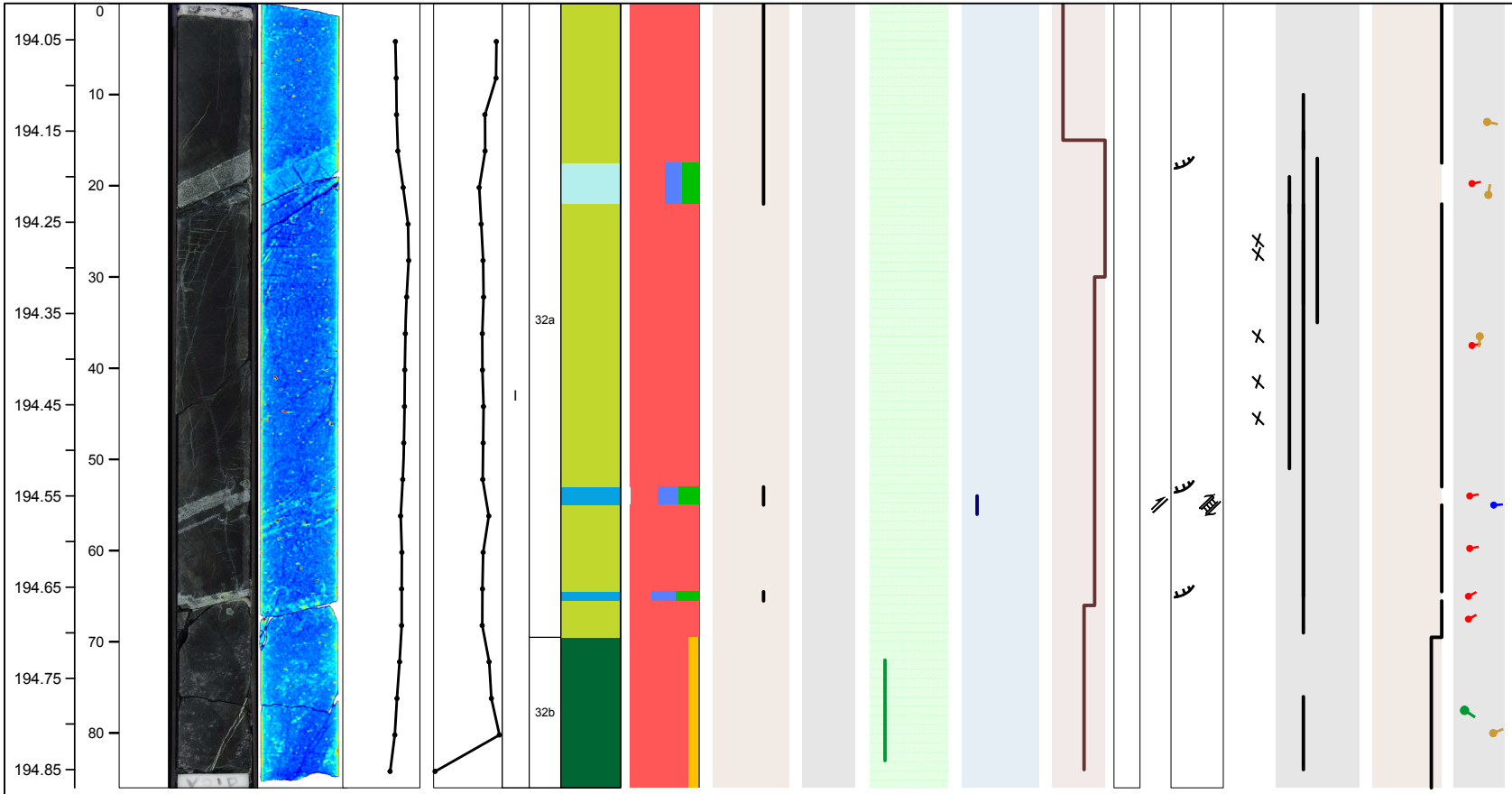
Hole BA4A-72Z Section 2, Top of Section 192.59 (m CCD)



Hole BA4A-72Z Section 3, Top of Section 193.19 (m CCD)



Hole BA4A-72Z Section 4, Top of Section 194.01 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 32a
ROCK NAME: dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: fractured, serpentized dunite, cross-cut by numerous gabbroic dikes
ALTERATION: serpentinized
VEINS: brown veins, grey veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

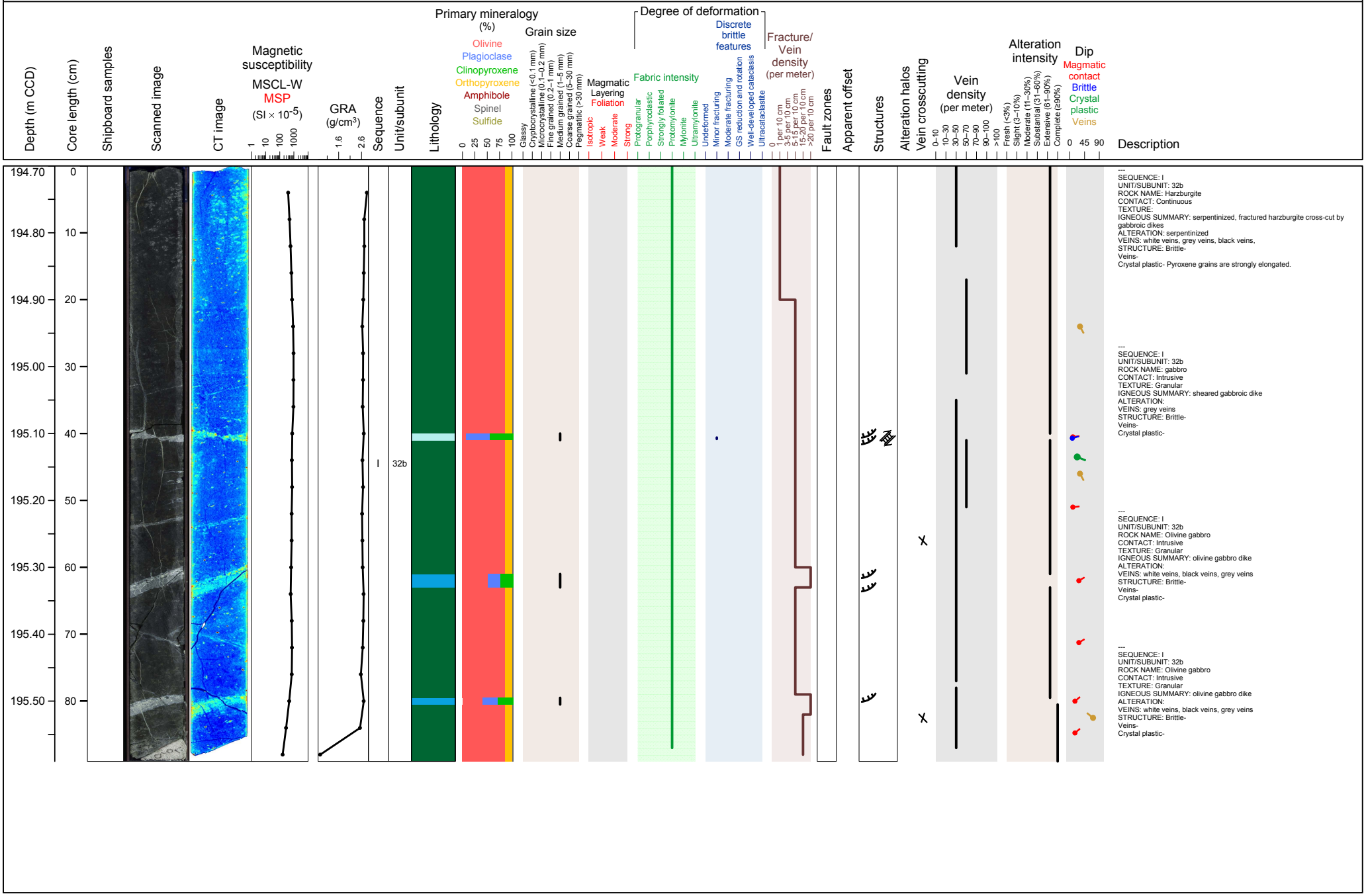
SEQUENCE: I
UNIT/SUBUNIT: 32a
ROCK NAME: gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: olivine gabbro dike
ALTERATION:
VEINS: grey-green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 32a
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: sheared olivine gabbro dike
ALTERATION:
VEINS: grey veins, grey-green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

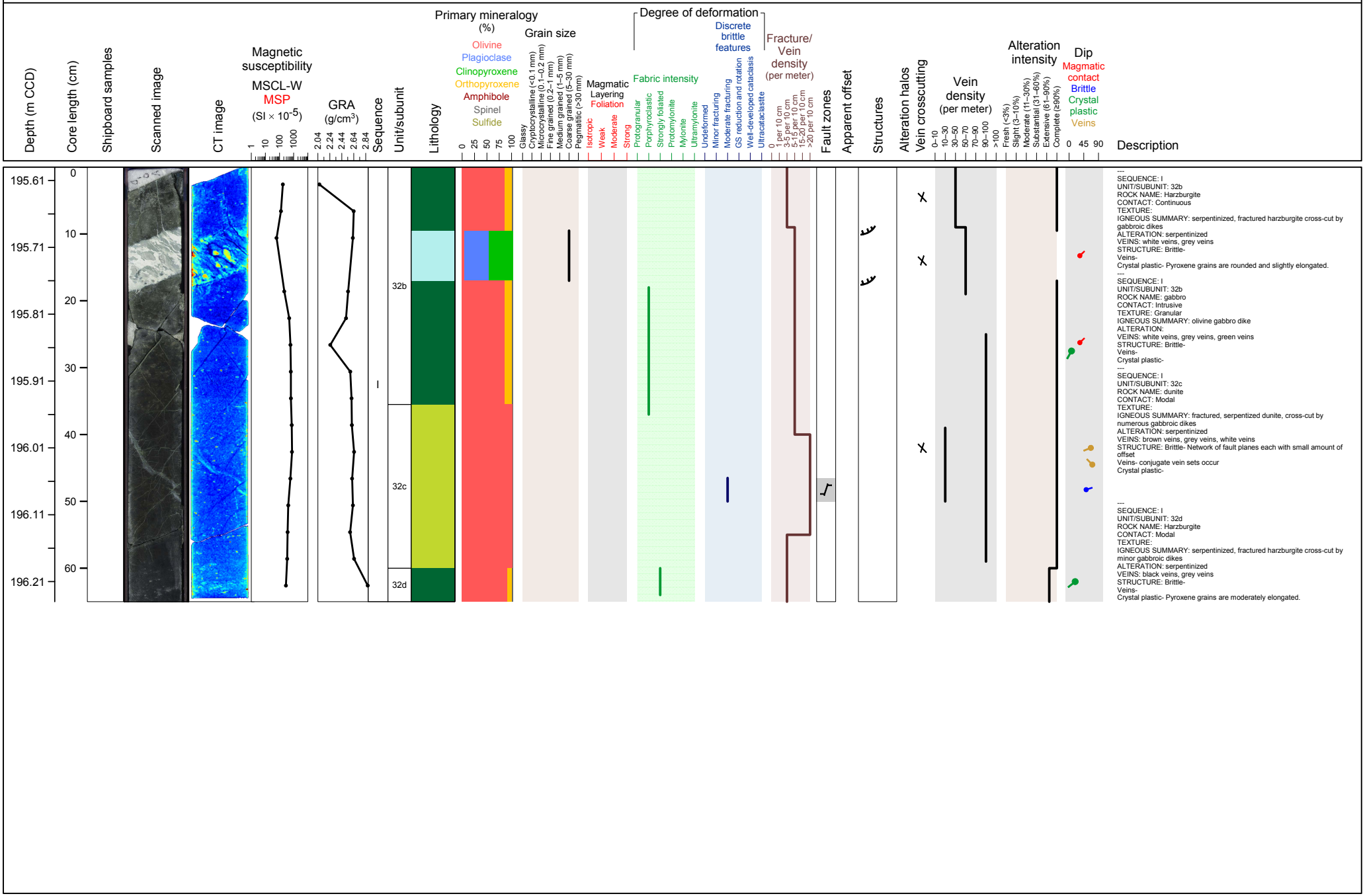
SEQUENCE: I
UNIT/SUBUNIT: 32a
ROCK NAME: olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: sheared olivine gabbro dike
ALTERATION:
VEINS: grey veins, grey-green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 32b
ROCK NAME: Harzburgite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized, fractured harzburgite cross-cut by gabbroic dikes
ALTERATION: serpentinized
VEINS: white veins, grey veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

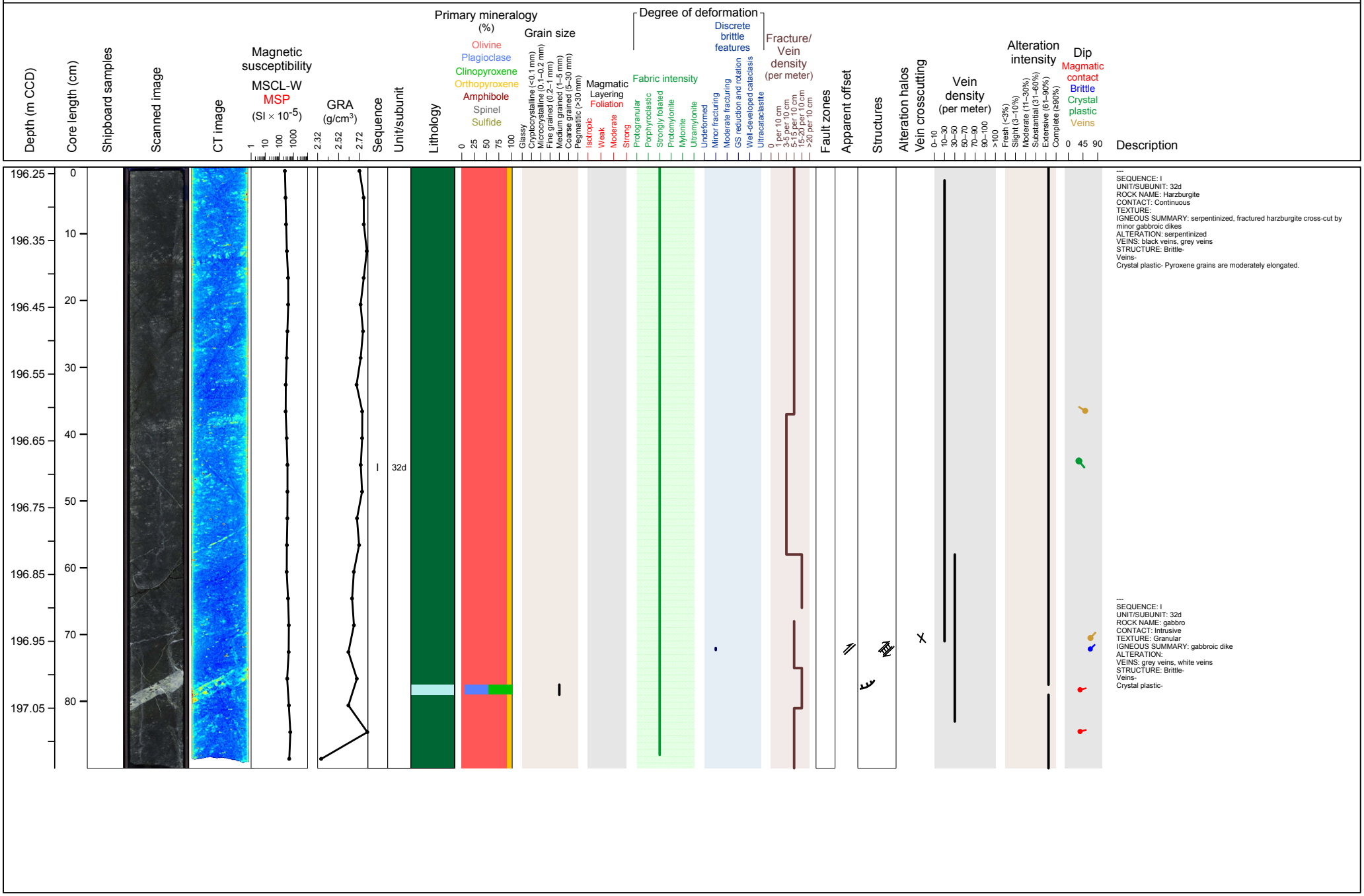
Hole BA4A-73Z Section 1, Top of Section 194.70 (m CCD)



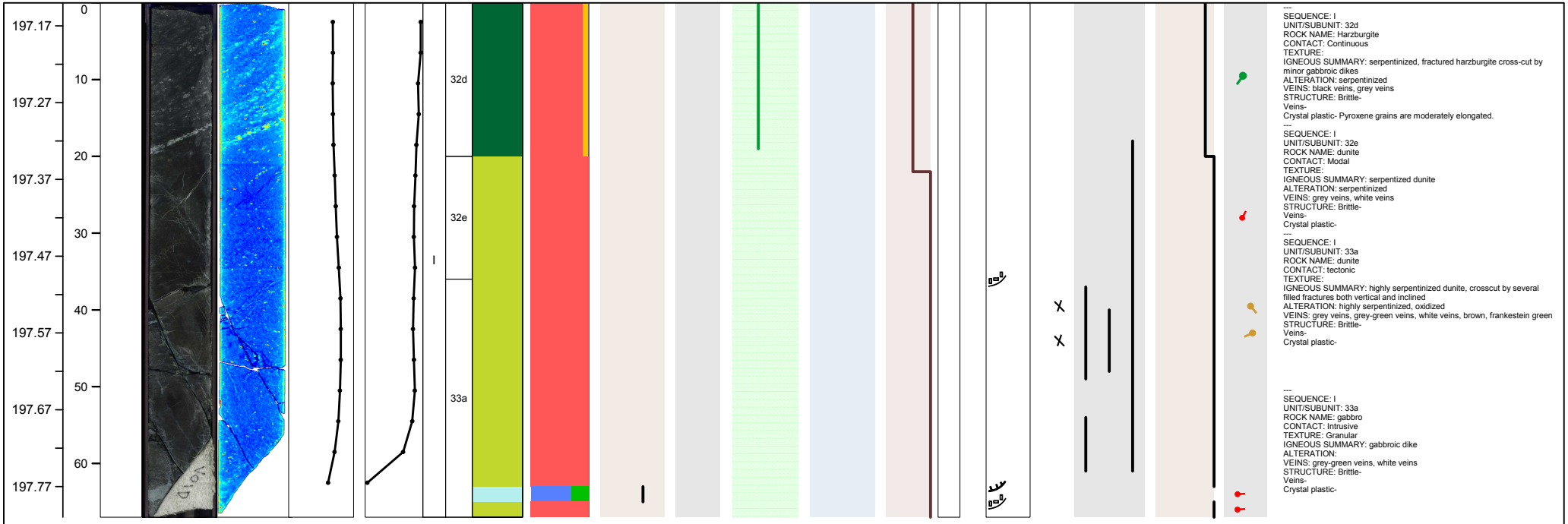
Hole BA4A-73Z Section 2, Top of Section 195.59 (m CCD)



Hole BA4A-73Z Section 3, Top of Section 196.24 (m CCD)



Hole BA4A-73Z Section 4, Top of Section 197.14 (m CCD)



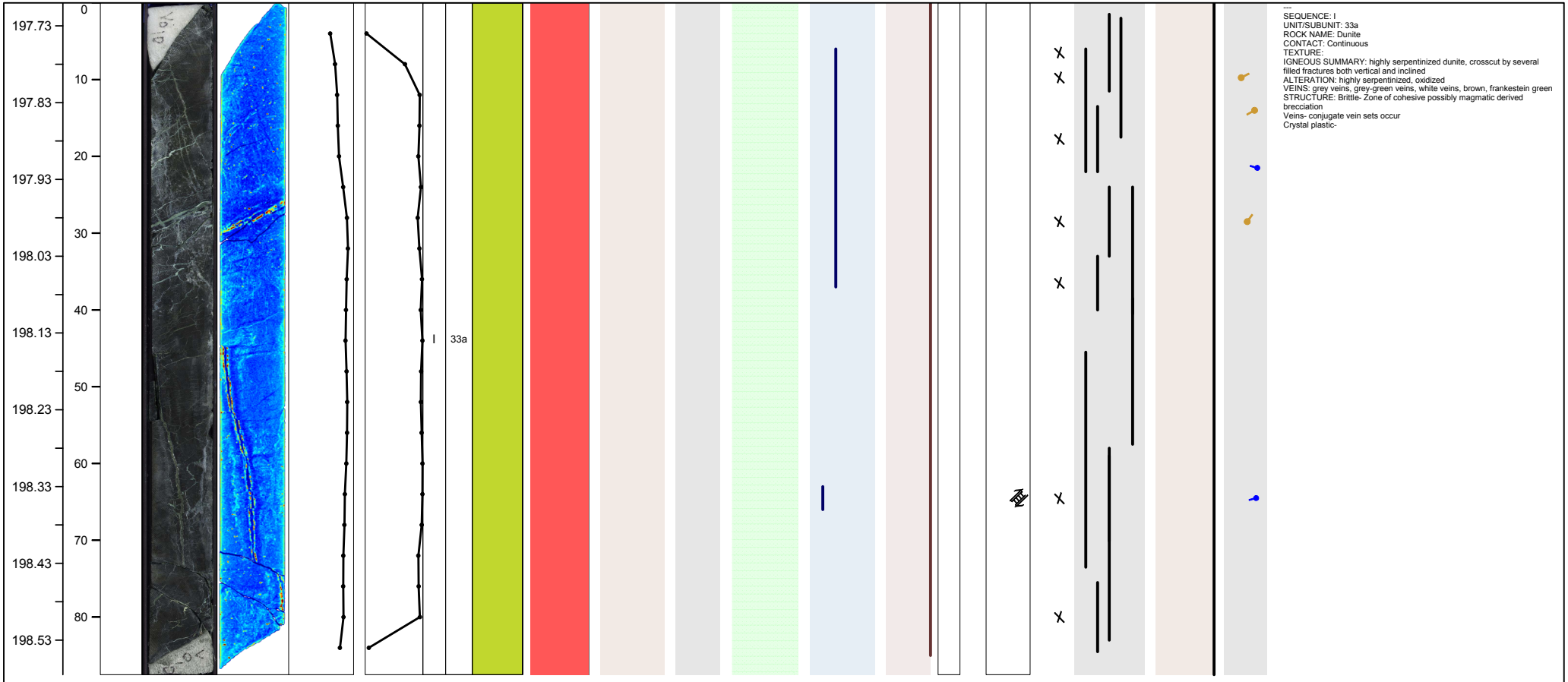
SEQUENCE: I
UNIT/SUBUNIT: 32d
ROCK NAME: Harzburgite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized, fractured harzburgite cross-cut by minor gabbroic dikes
ALTERATION: serpentinized
VEINS: black veins, grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are moderately elongated.

SEQUENCE: I
UNIT/SUBUNIT: 32e
ROCK NAME: dunite
CONTACT: Modal
TEXTURE:
IGNEOUS SUMMARY: serpentized dunite
ALTERATION: serpentinized
VEINS: grey veins, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

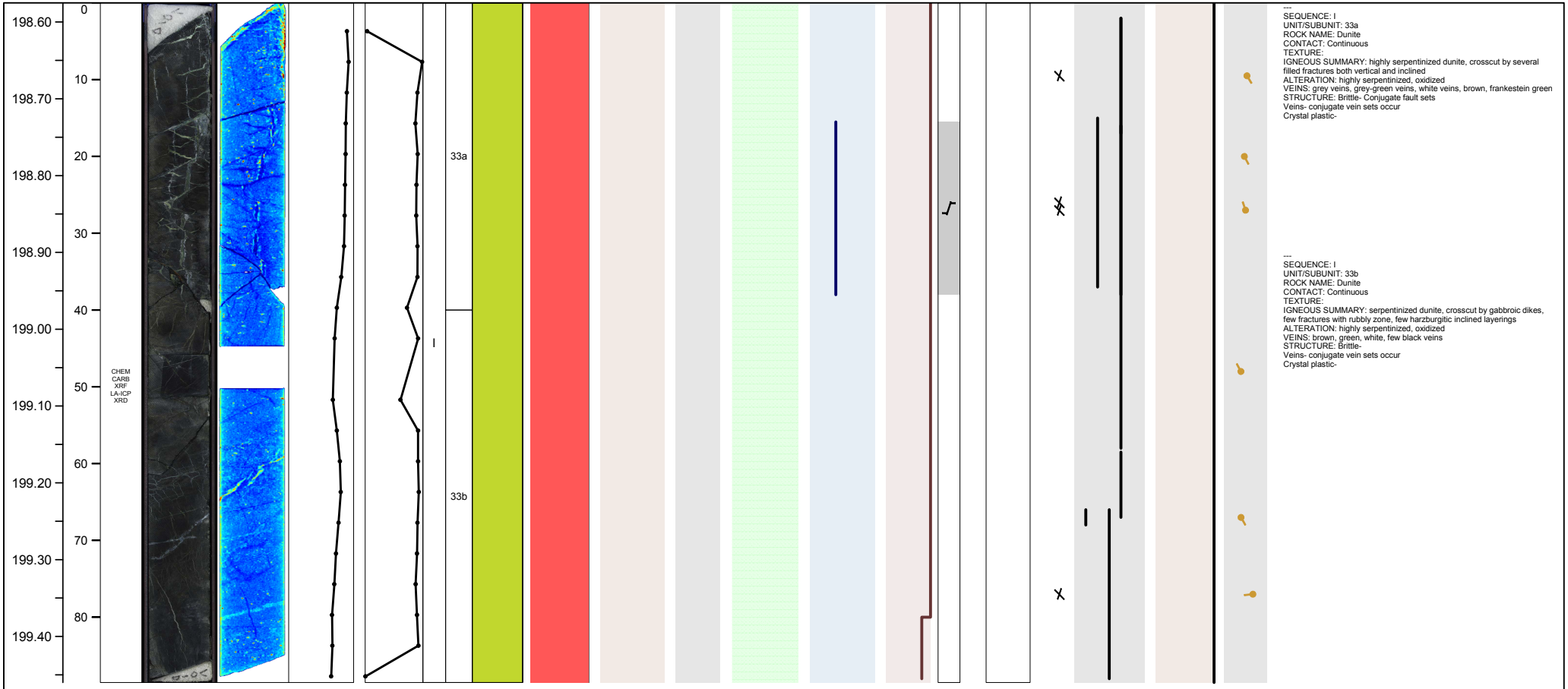
SEQUENCE: I
UNIT/SUBUNIT: 33a
ROCK NAME: dunite
CONTACT: tectonic
TEXTURE:
IGNEOUS SUMMARY: highly serpentinized dunite, crosscut by several filled fractures both vertical and inclined
ALTERATION: highly serpentinized, oxidized
VEINS: grey veins, grey-green veins, white veins, brown, frankestein green
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 33a
ROCK NAME: gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS: grey-green veins, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-74Z Section 1, Top of Section 197.70 (m CCD)



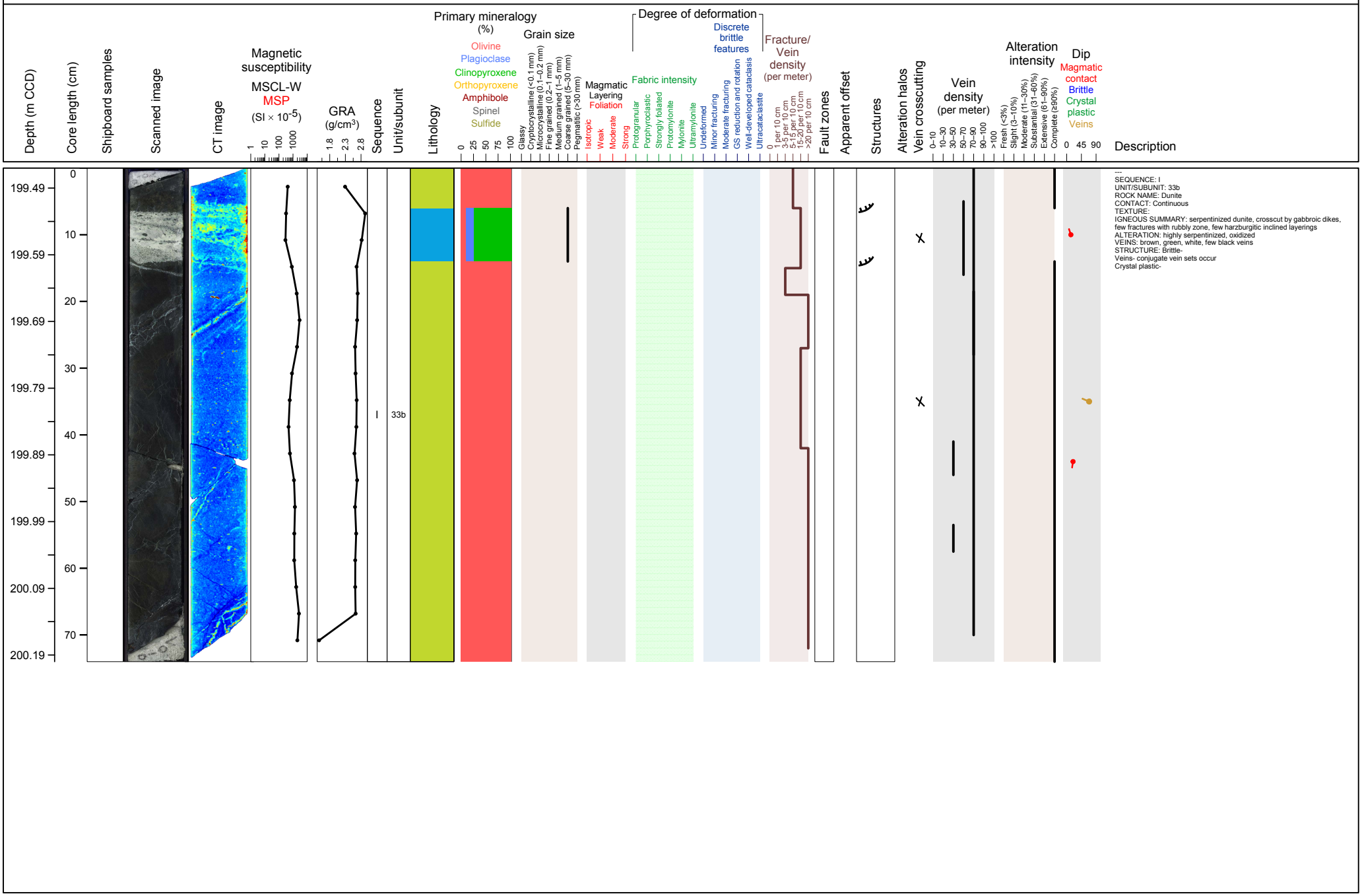
Hole BA4A-74Z Section 2, Top of Section 198.58 (m CCD)



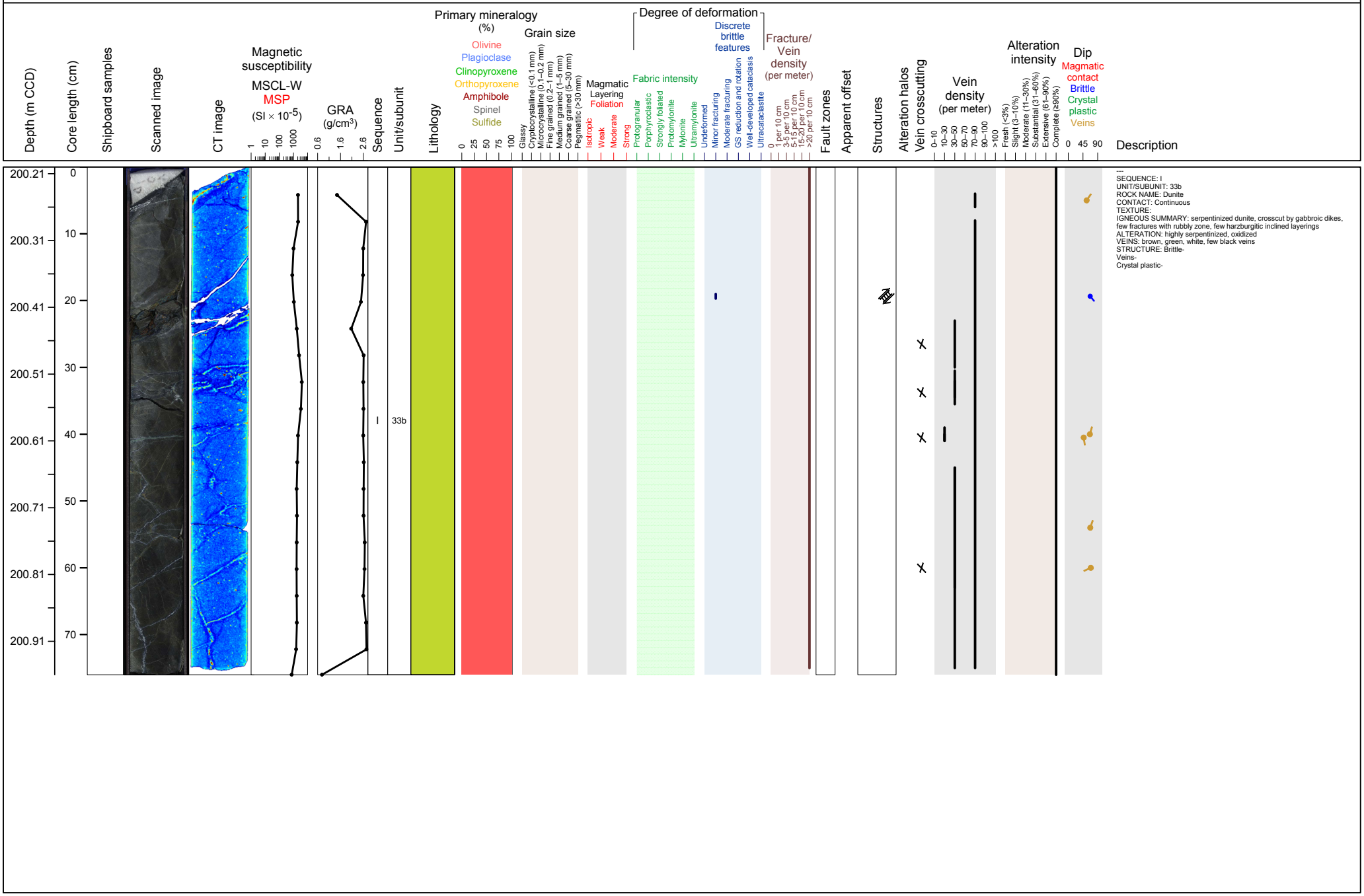
SEQUENCE: I
UNIT/SUBUNIT: 33a
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: highly serpentinized dunite, crosscut by several filled fractures both vertical and inclined
ALTERATION: highly serpentinized, oxidized
VEINS: grey veins, grey-green veins, white veins, brown, frankestein green
STRUCTURE: Brittle- Conjugate fault sets
Veins- conjugate vein sets occur
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 33b
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite, crosscut by gabbroic dikes, few fractures with rubbly zone, few harzburgitic inclined layerings
ALTERATION: highly serpentinized, oxidized
VEINS: brown, green, white, few black veins
STRUCTURE: Brittle-
Veins- conjugate vein sets occur
Crystal plastic-

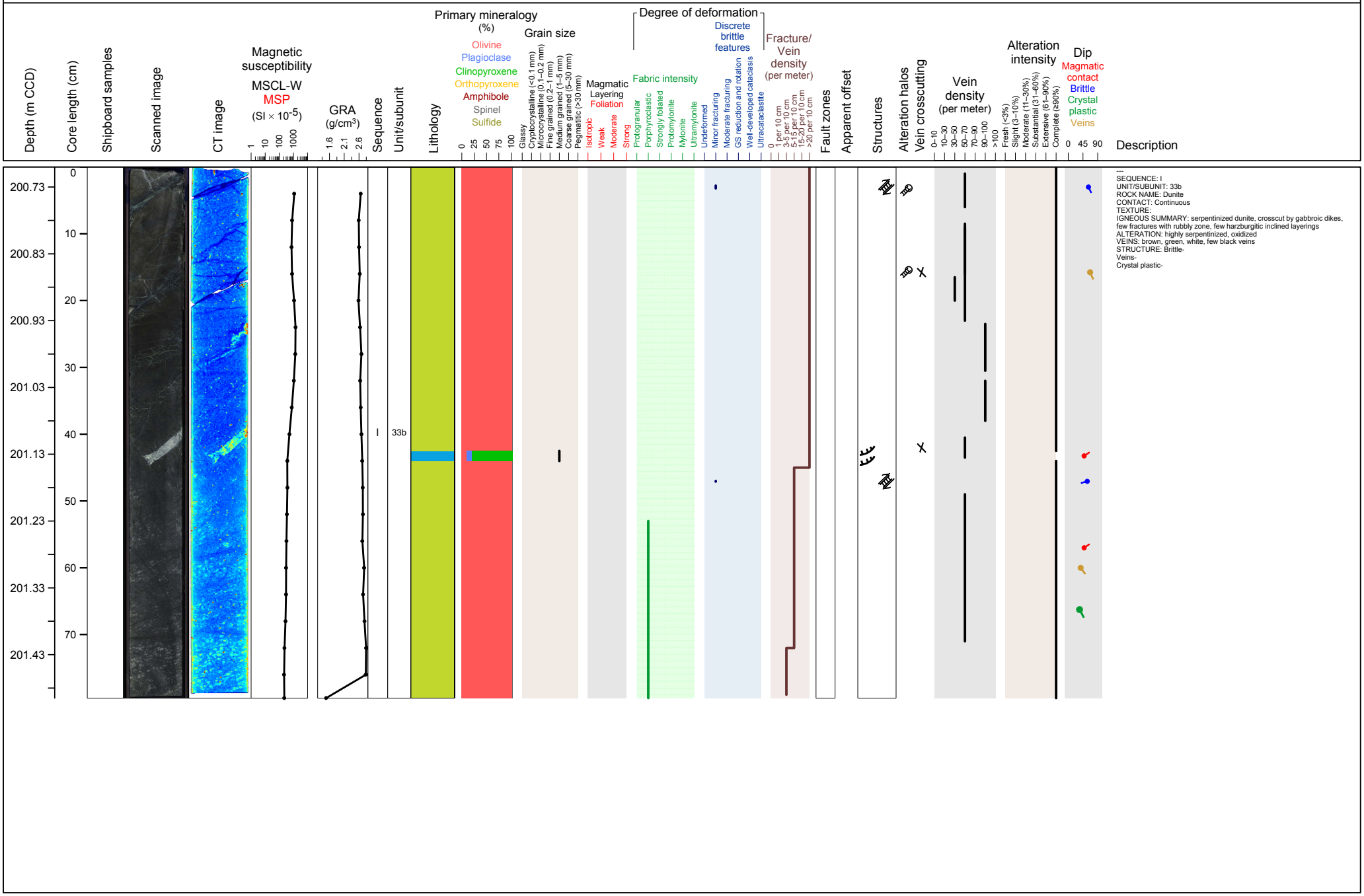
Hole BA4A-74Z Section 3, Top of Section 199.46 (m CCD)



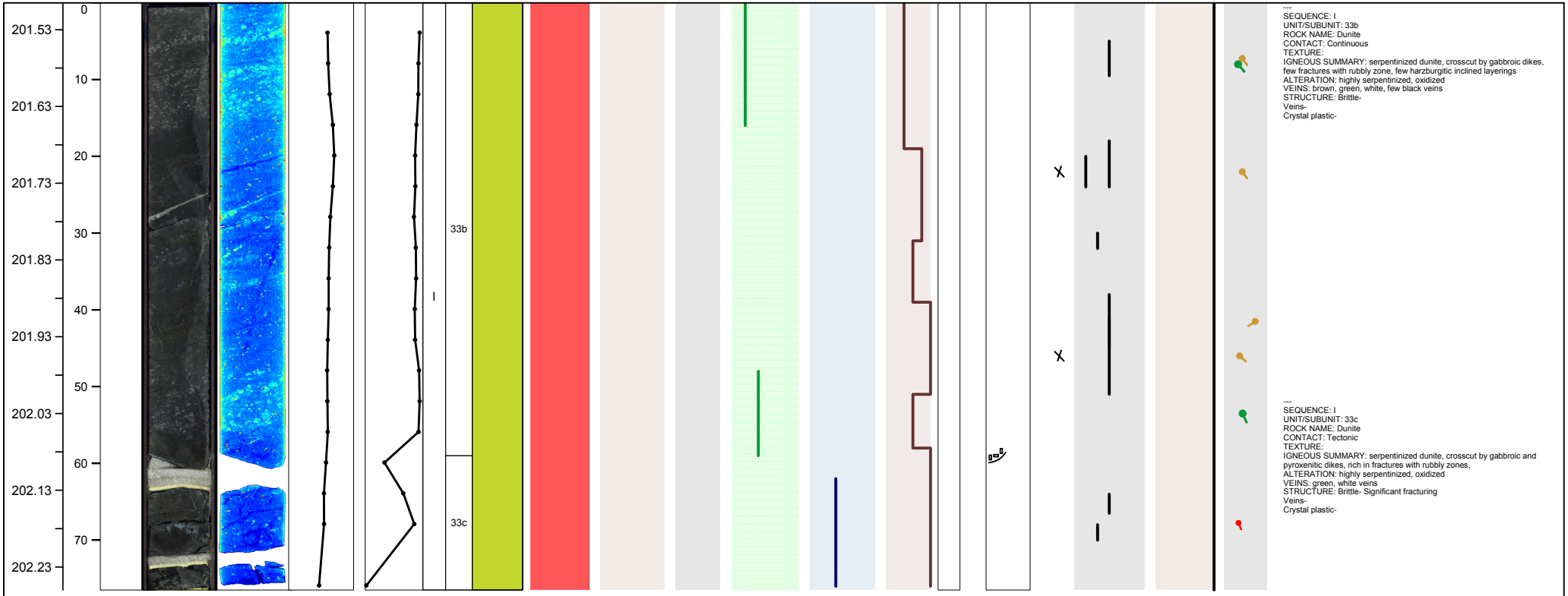
Hole BA4A-74Z Section 4, Top of Section 200.20 (m CCD)



Hole BA4A-75Z Section 1, Top of Section 200.70 (m CCD)

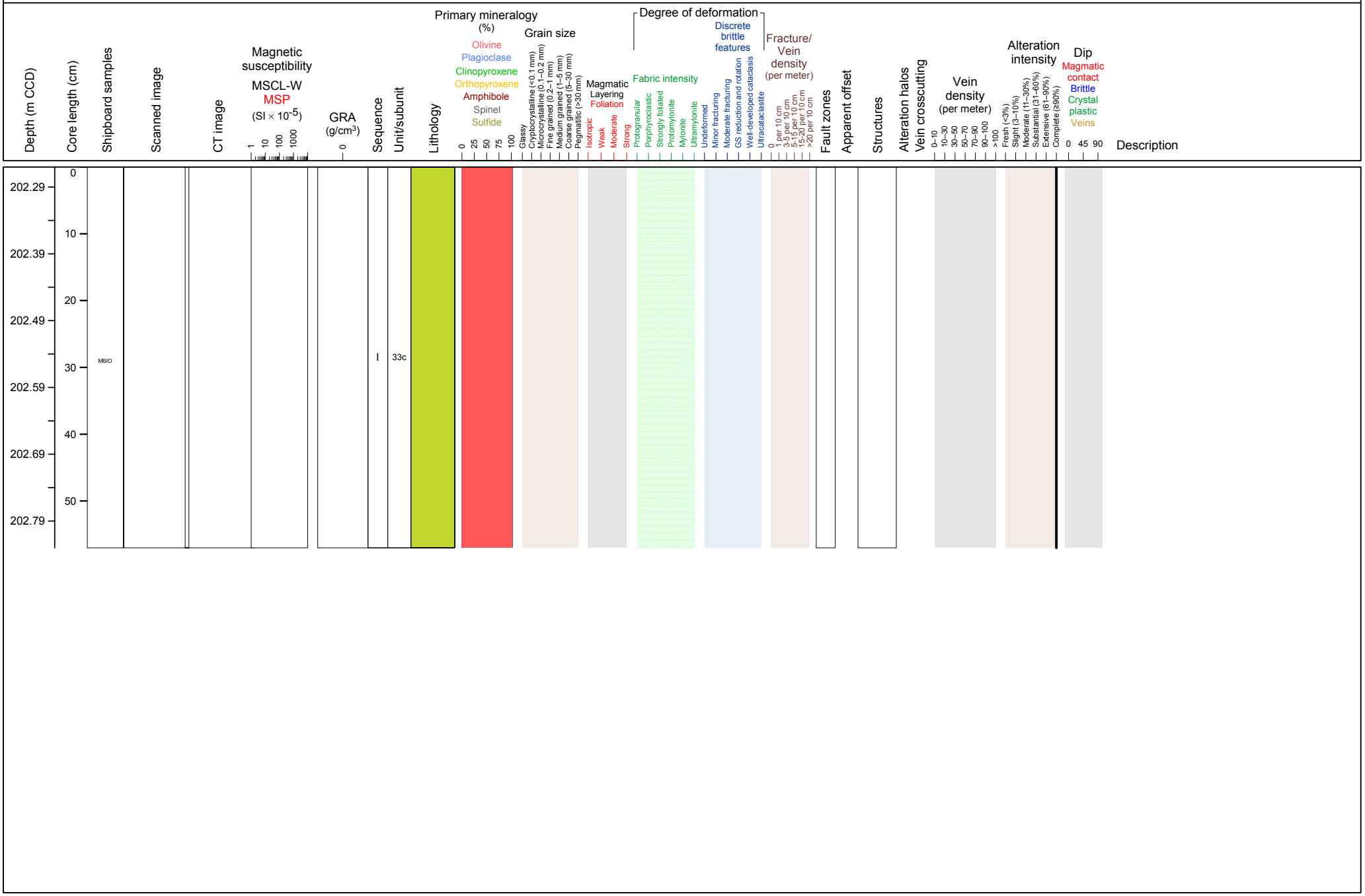


Hole BA4A-75Z Section 2, Top of Section 201.50 (m CCD)

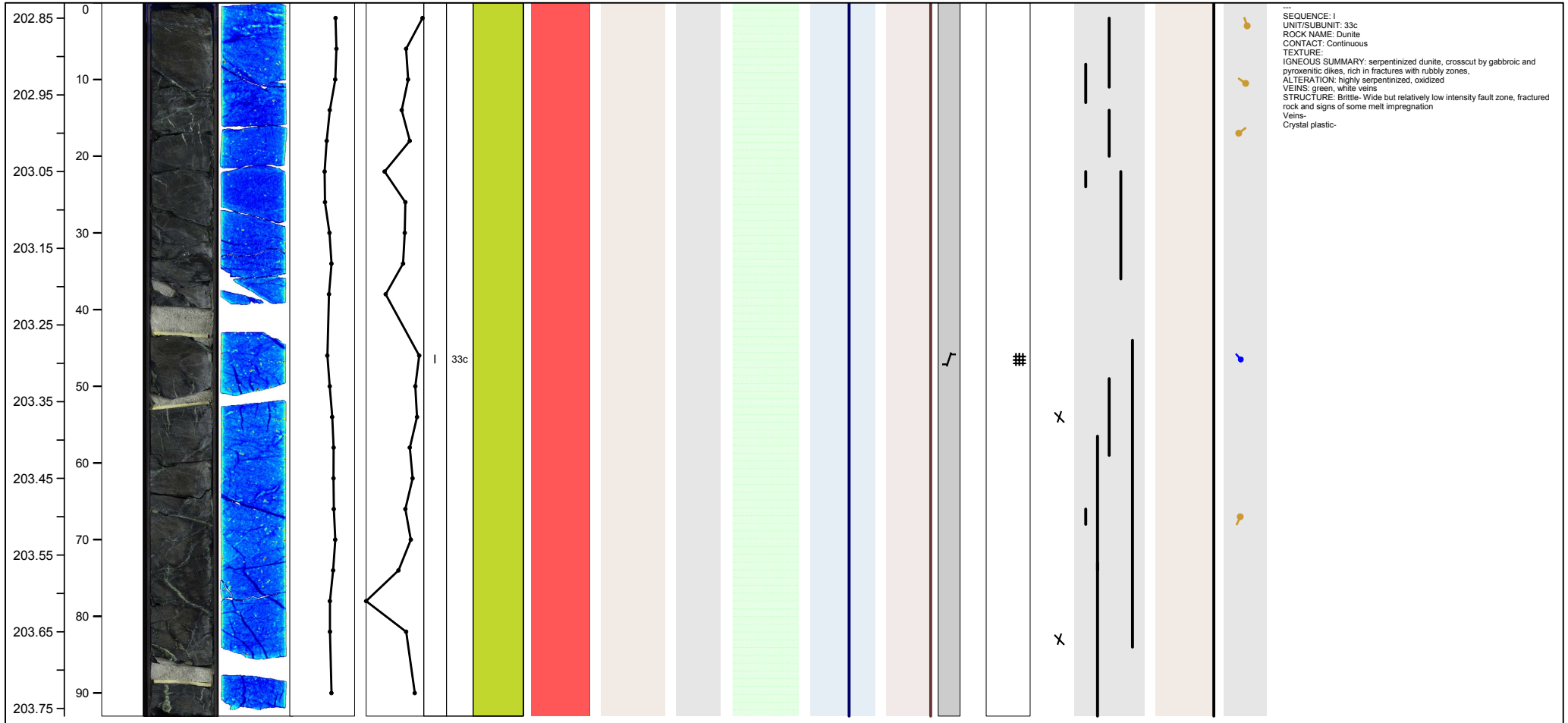


ALL TO MBIO

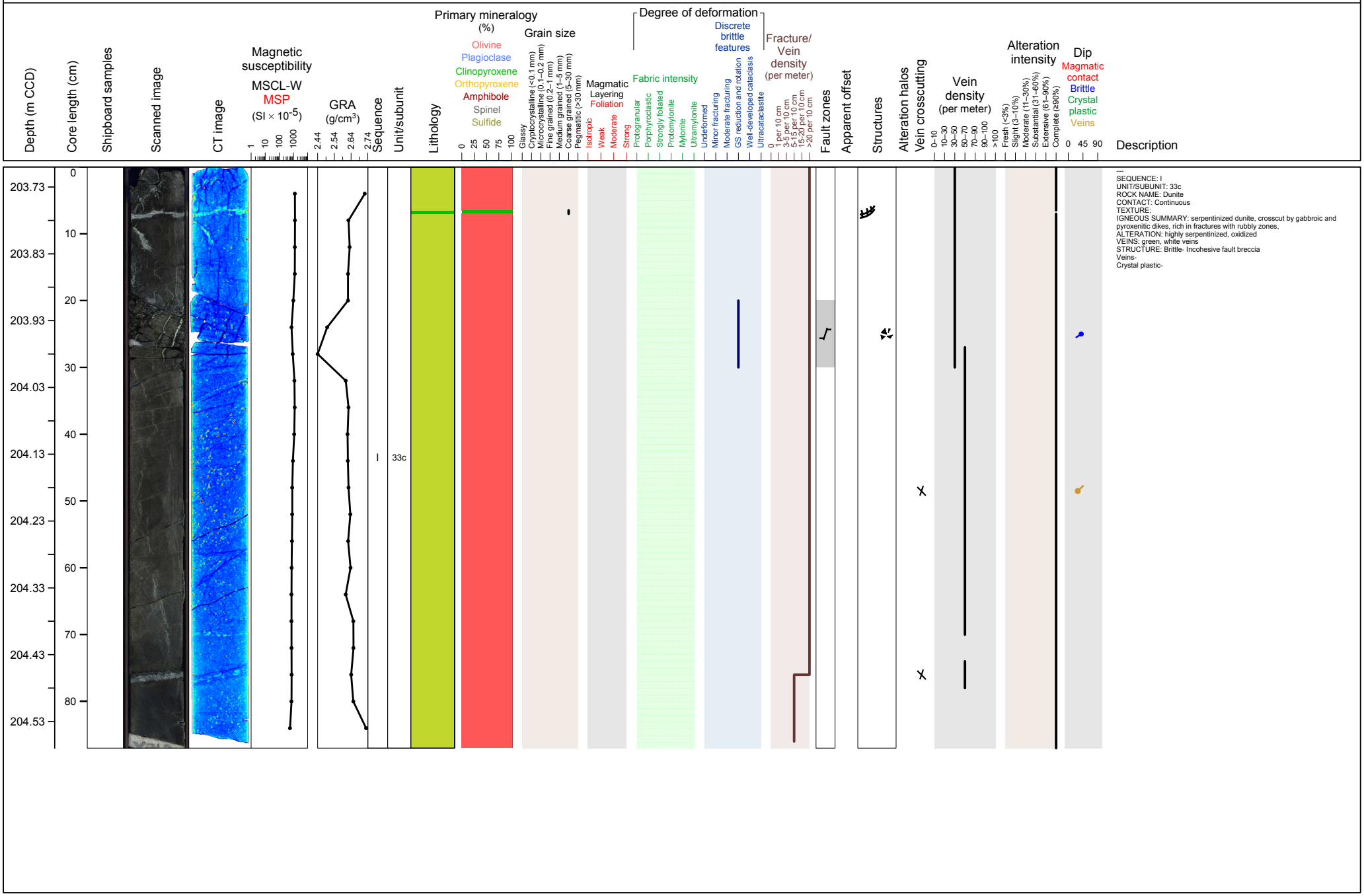
Hole BA4A-75Z Section 3, Top of Section 202.26 (m CCD)



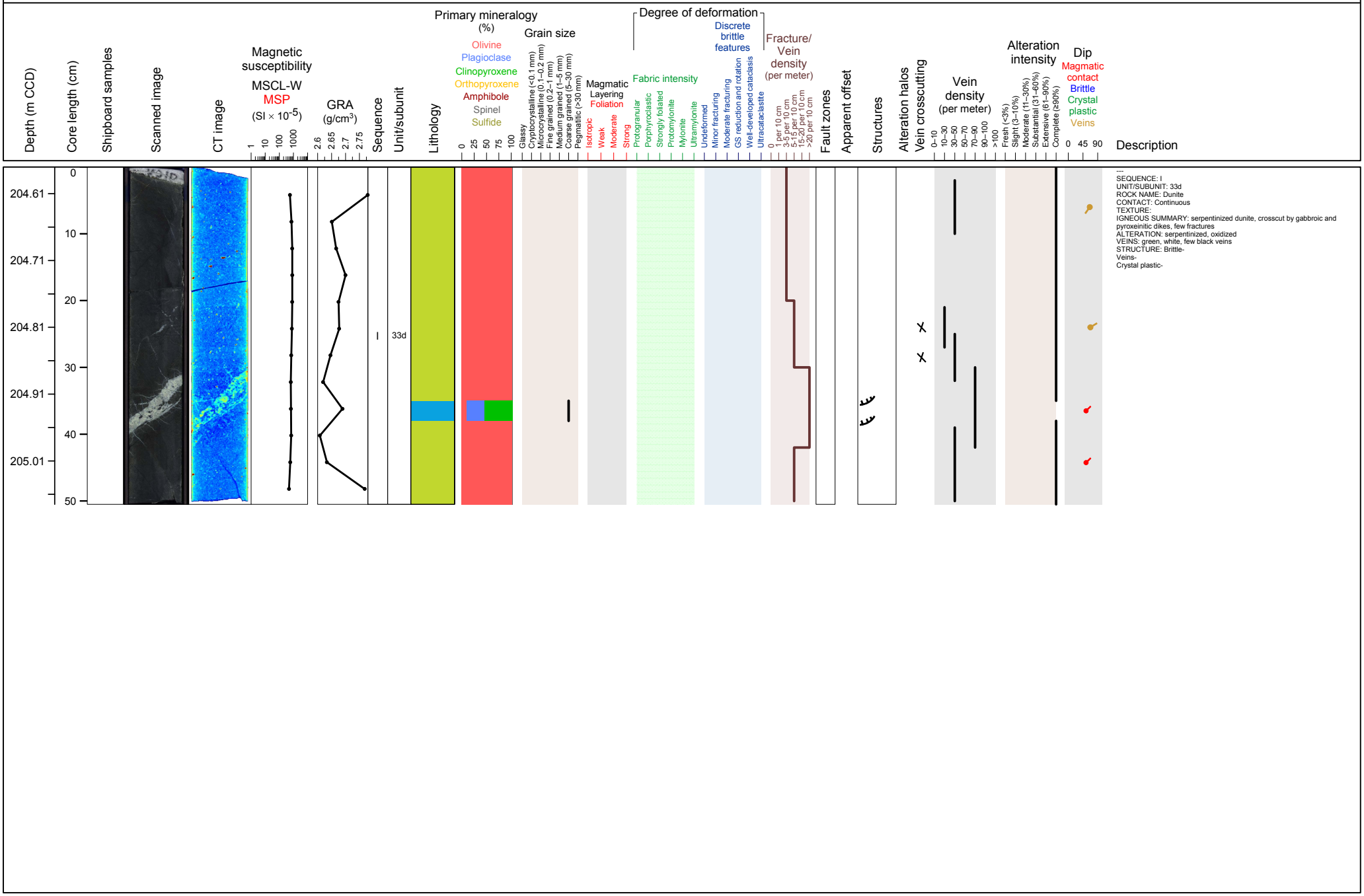
Hole BA4A-75Z Section 4, Top of Section 202.83 (m CCD)



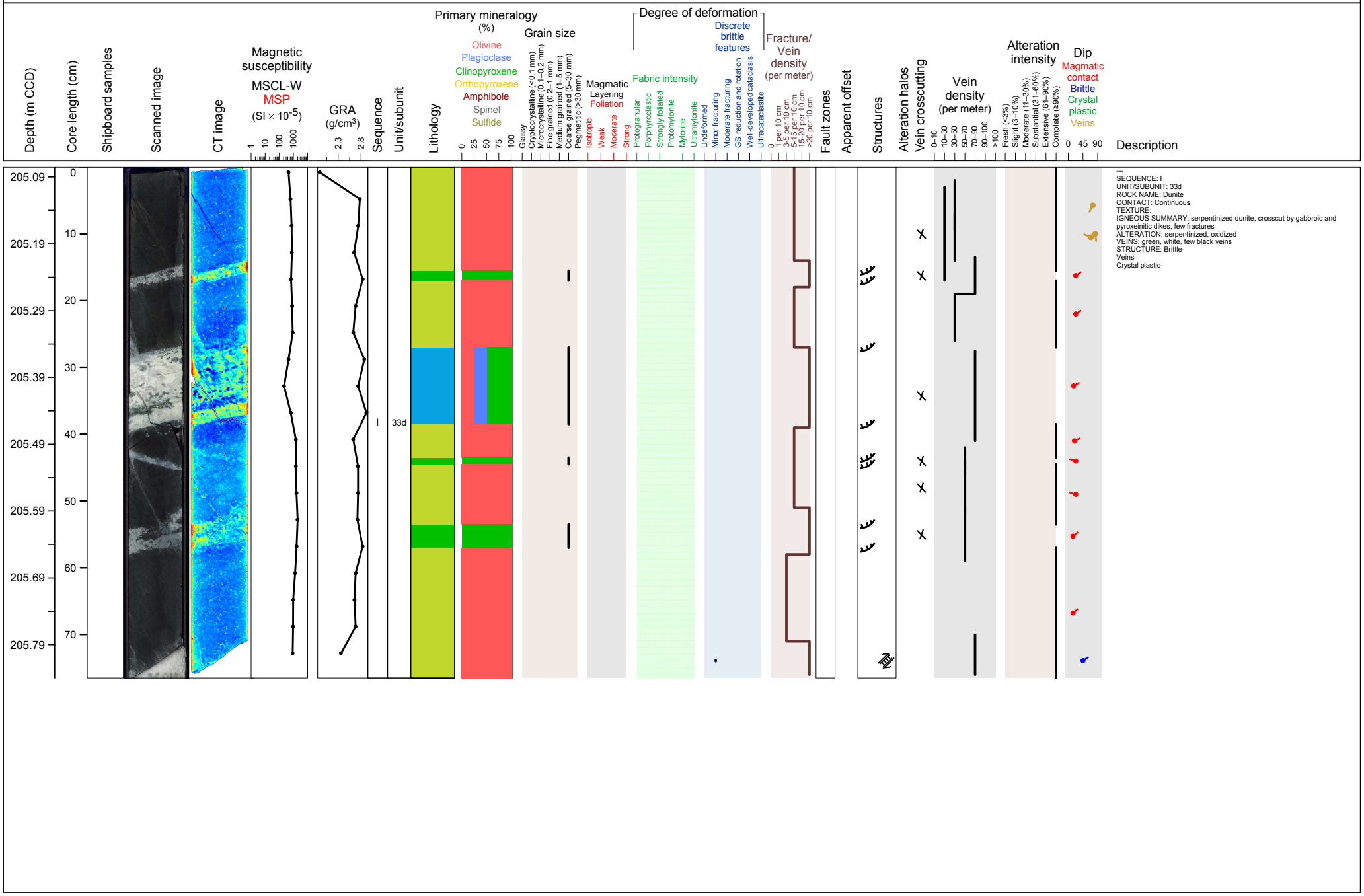
Hole BA4A-76Z Section 1, Top of Section 203.70 (m CCD)



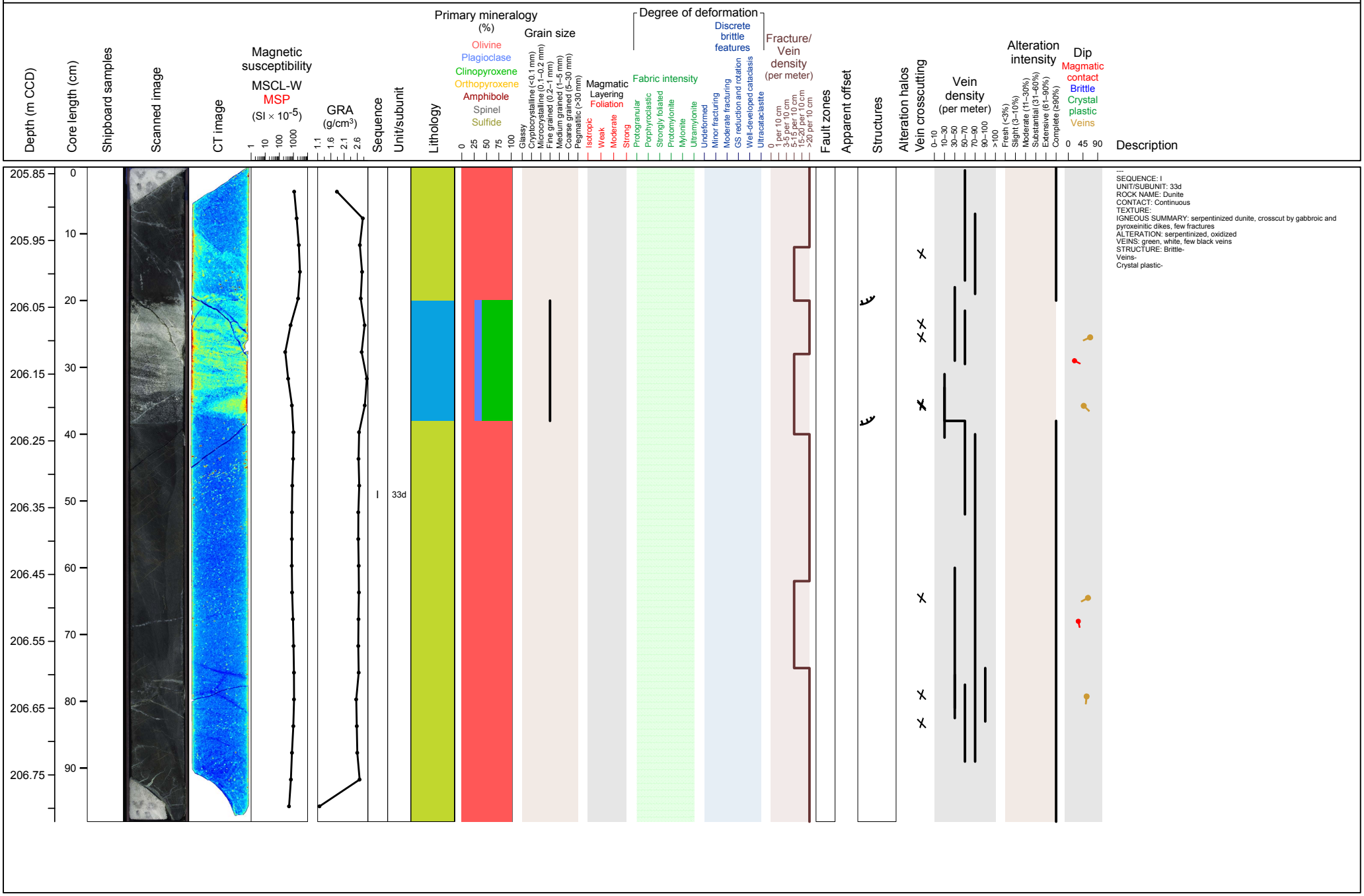
Hole BA4A-76Z Section 2, Top of Section 204.57 (m CCD)



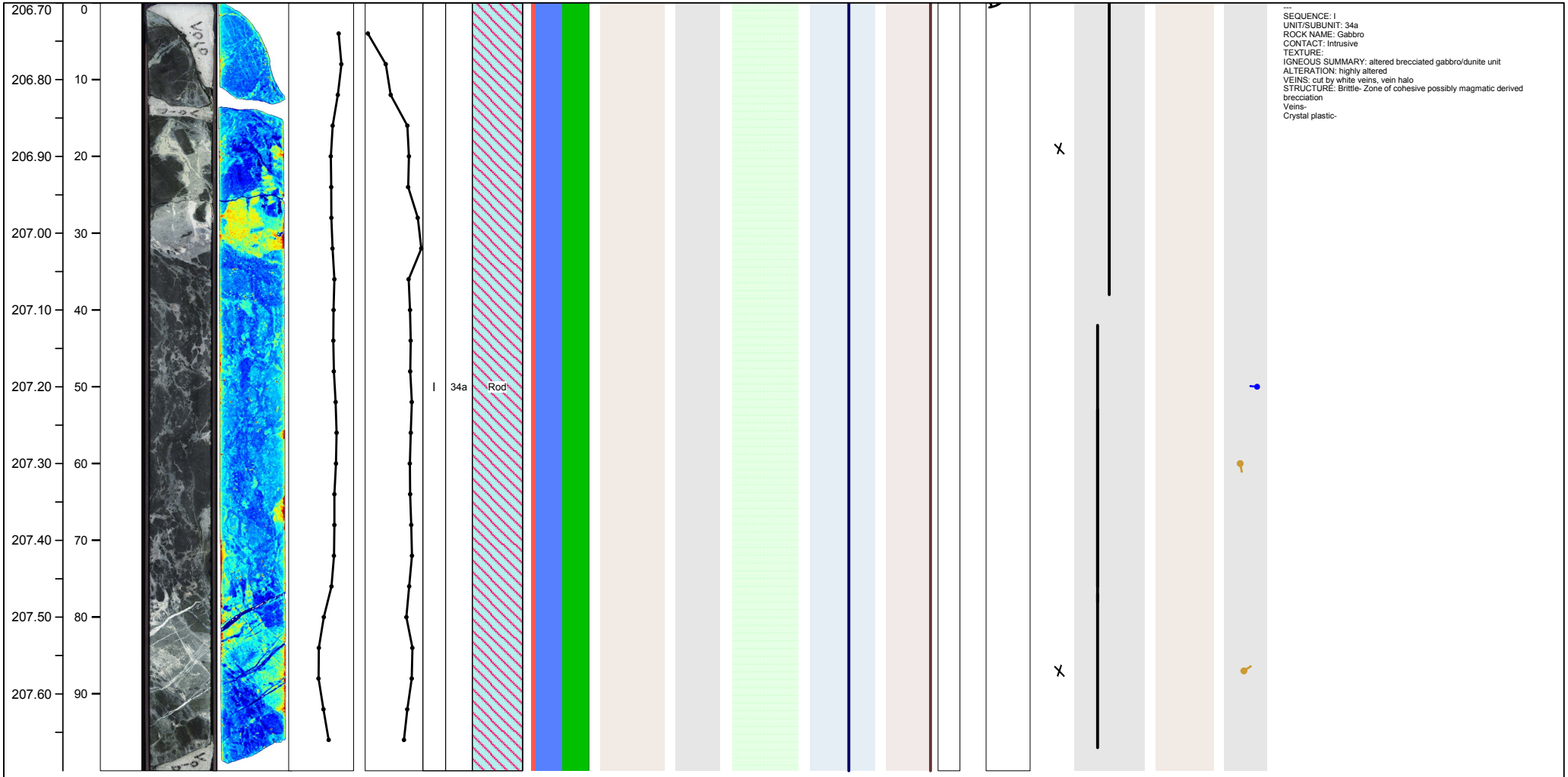
Hole BA4A-76Z Section 3, Top of Section 205.08 (m CCD)



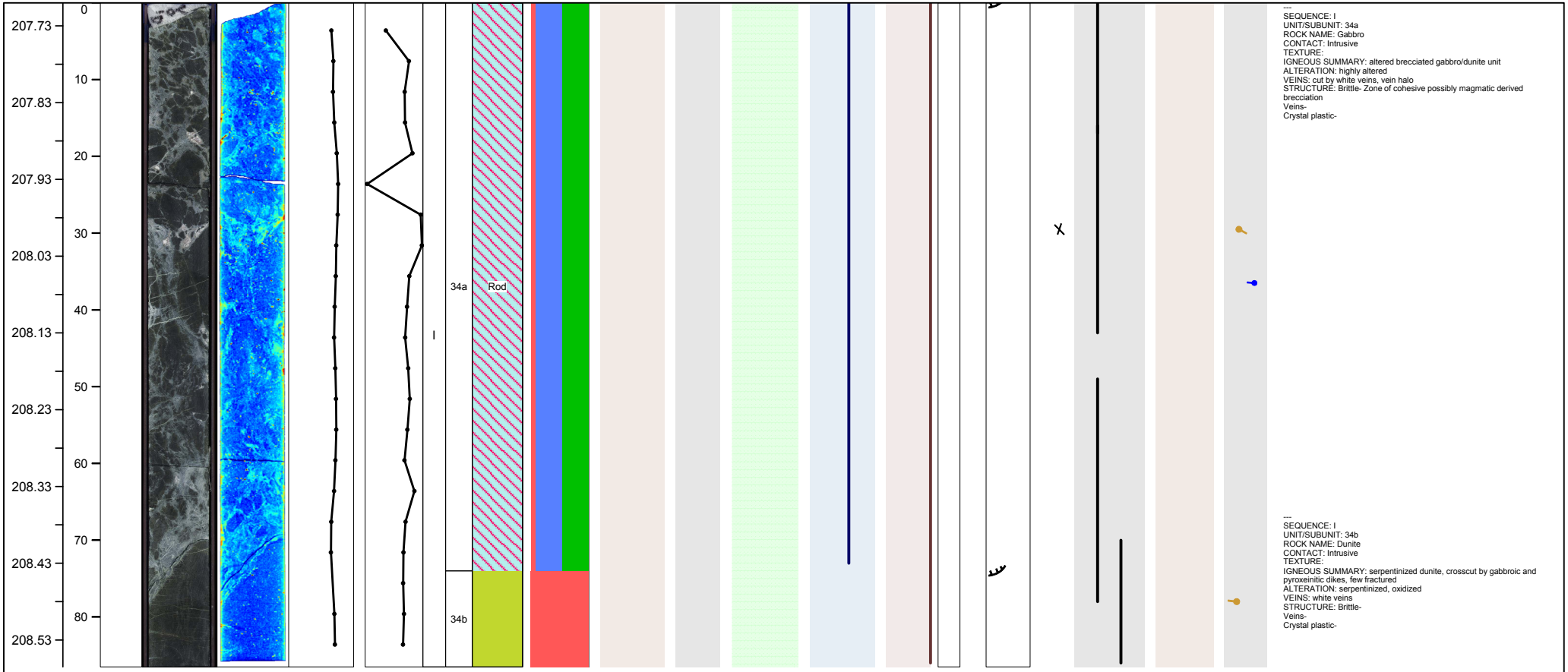
Hole BA4A-76Z Section 4, Top of Section 205.84 (m CCD)



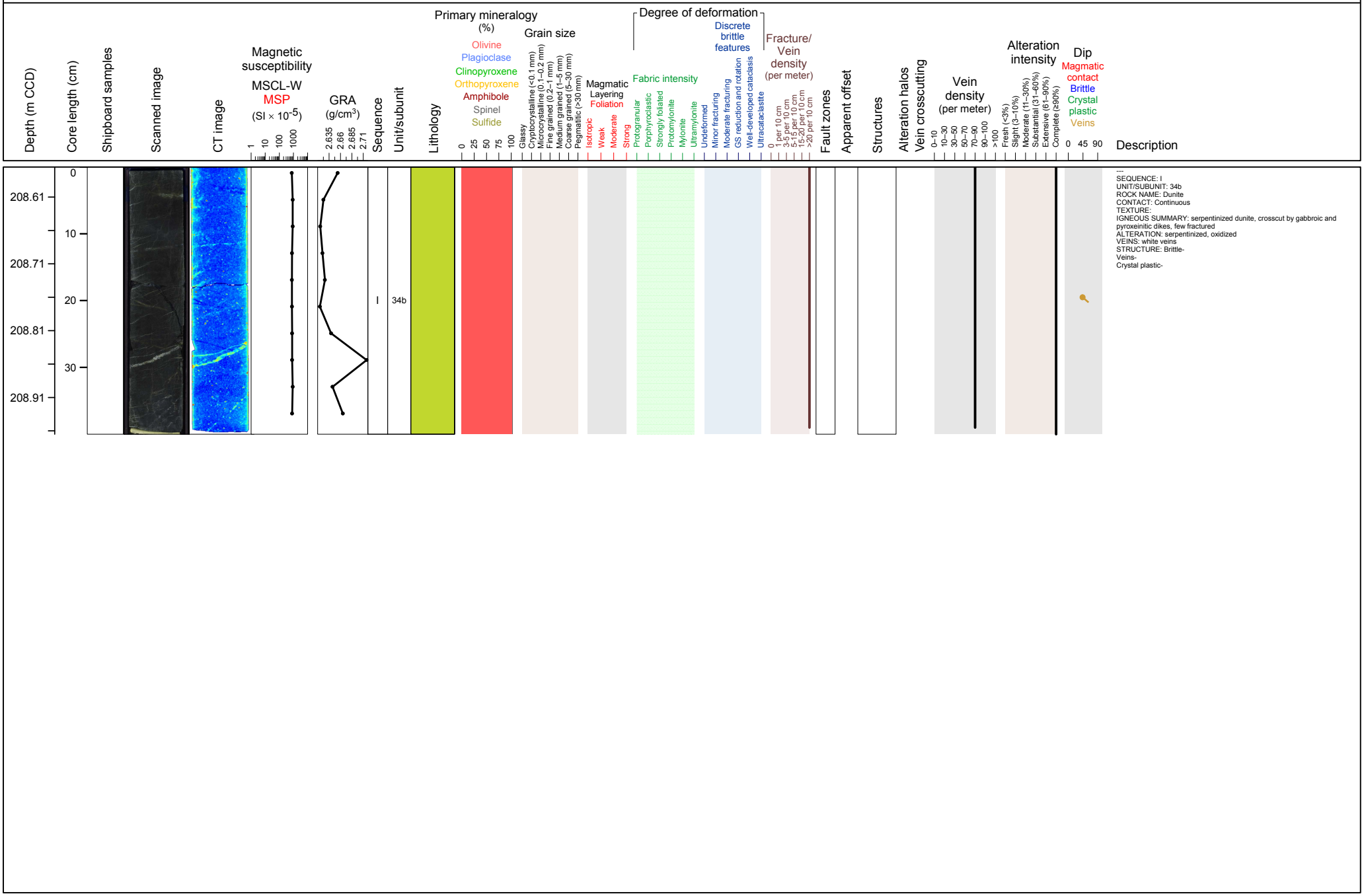
Hole BA4A-77Z Section 1, Top of Section 206.70 (m CCD)



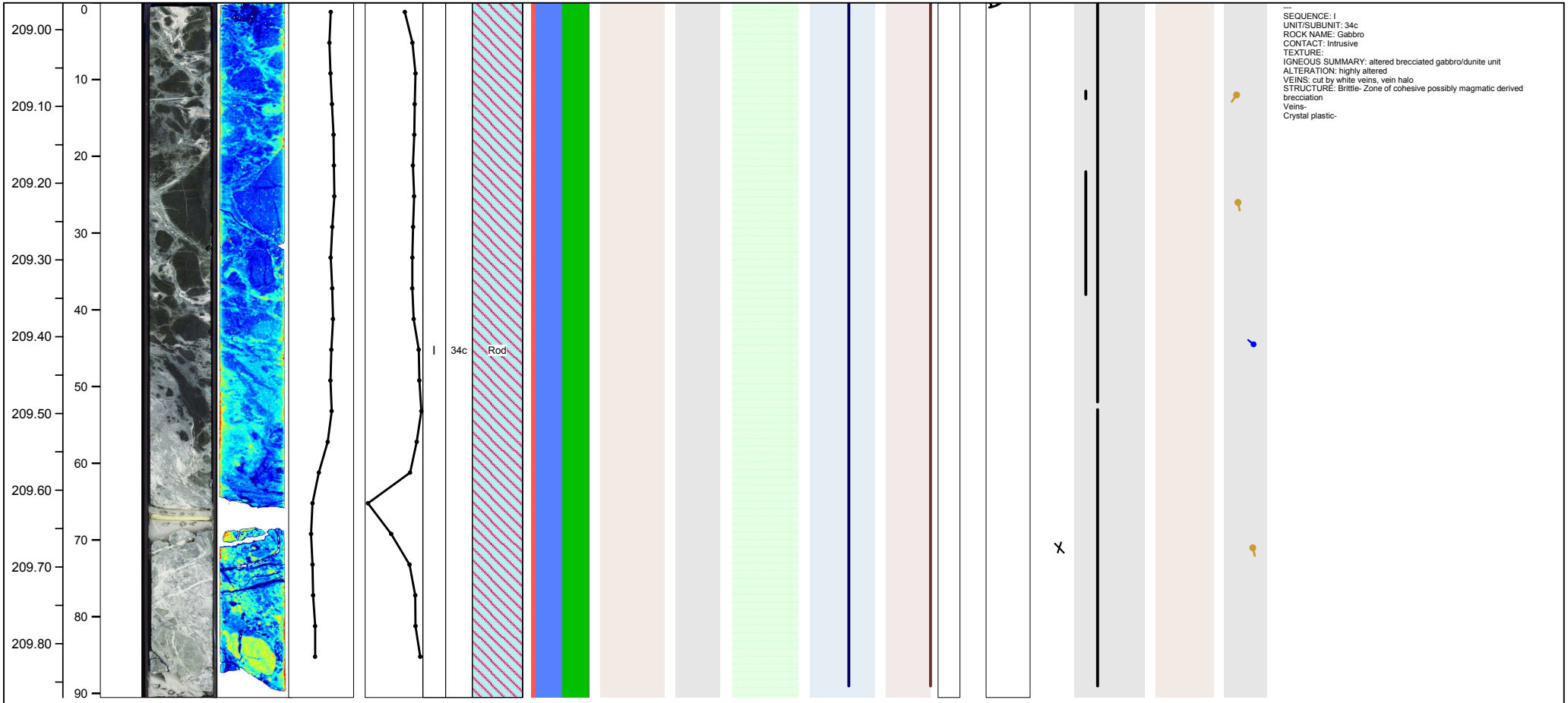
Hole BA4A-77Z Section 2, Top of Section 207.70 (m CCD)



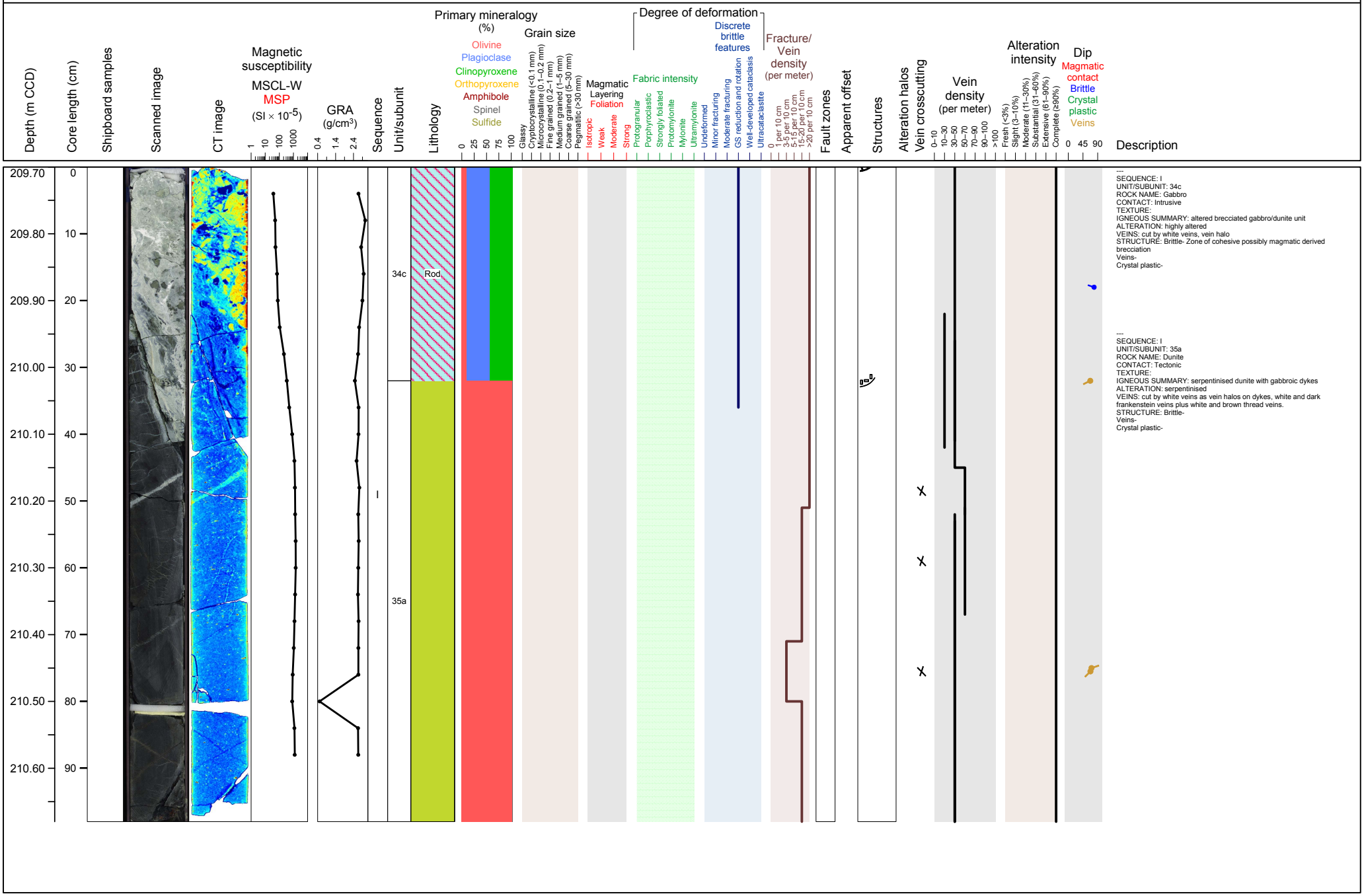
Hole BA4A-77Z Section 3, Top of Section 208.57 (m CCD)



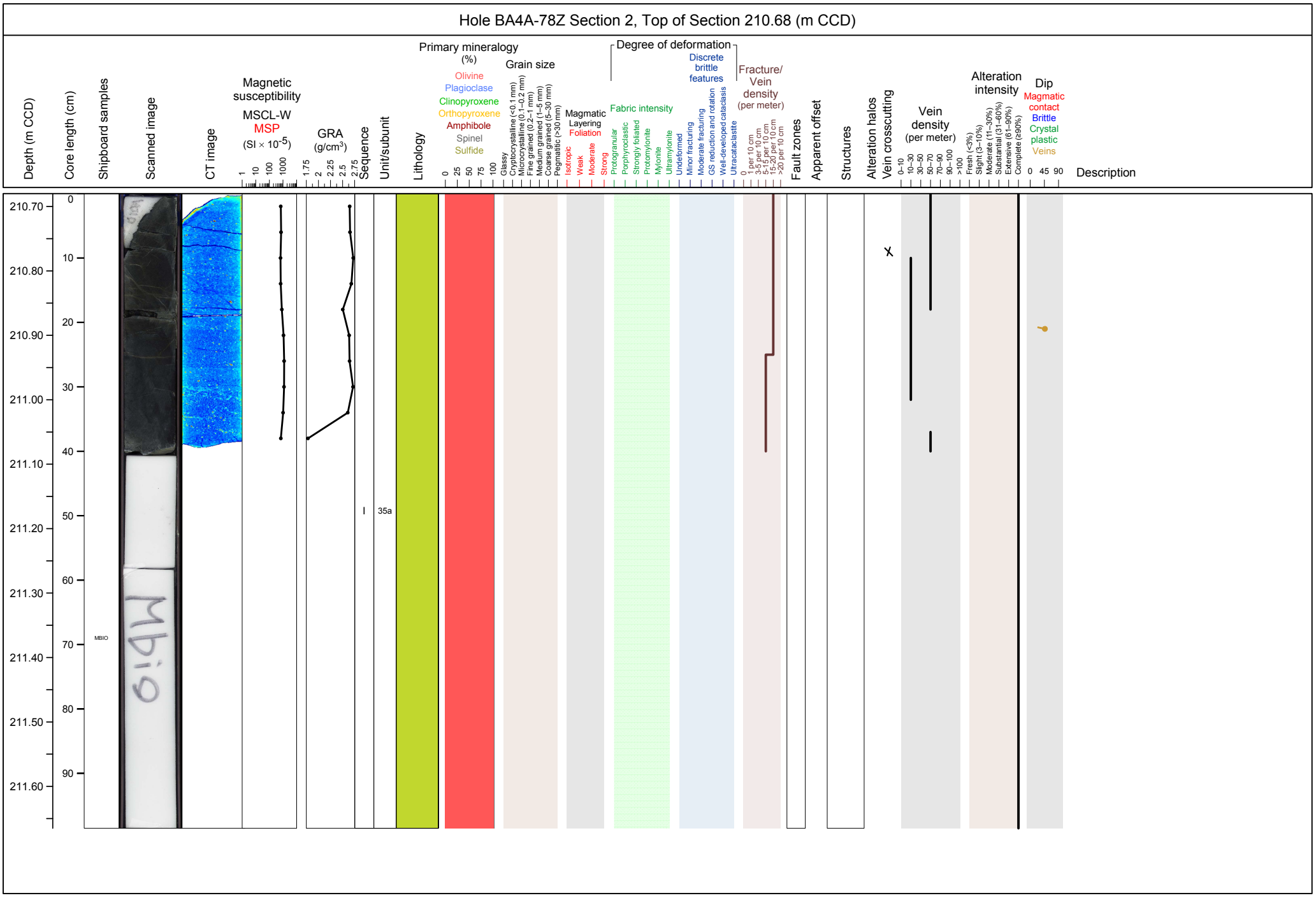
Hole BA4A-77Z Section 4, Top of Section 208.97 (m CCD)



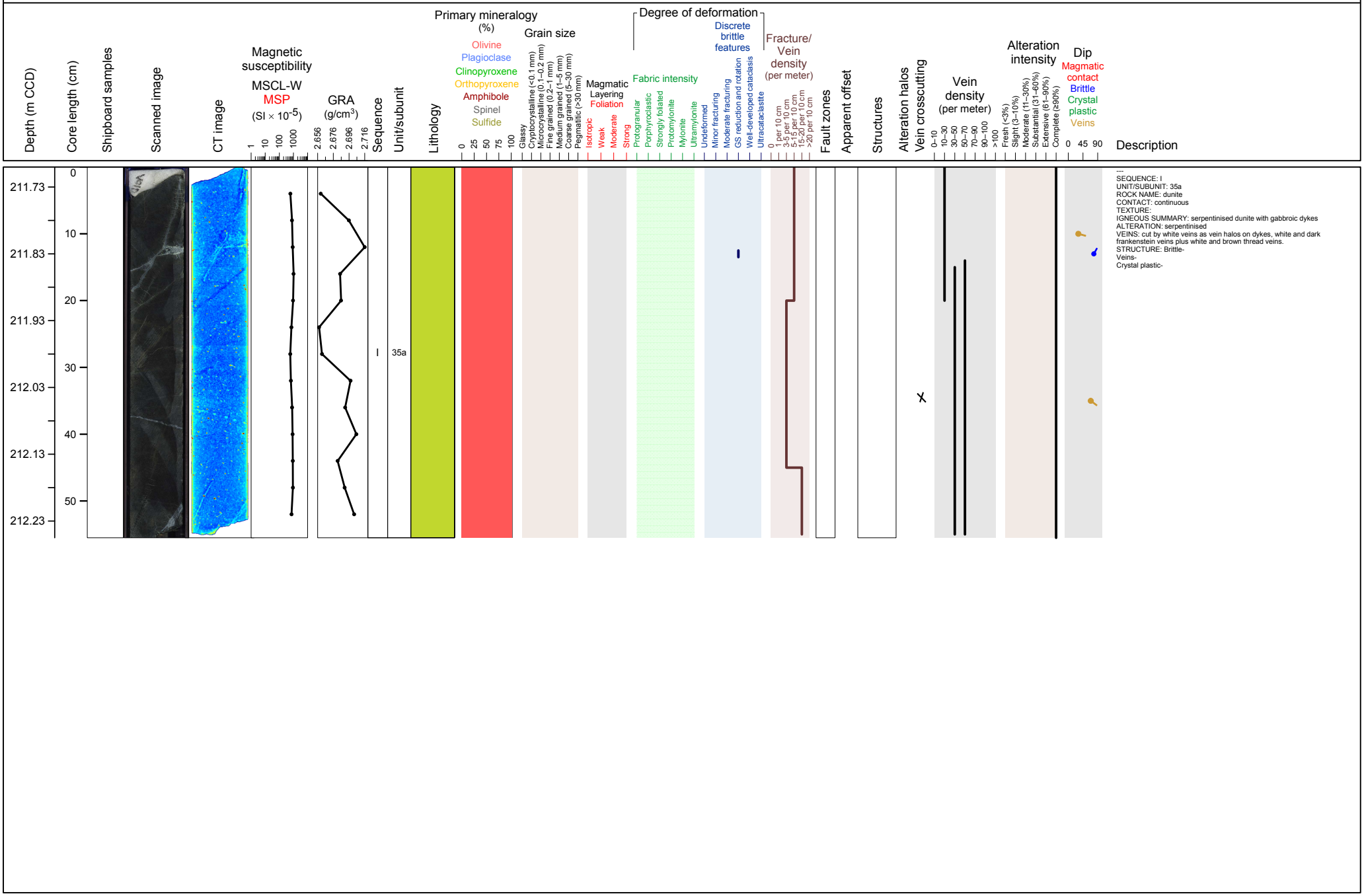
Hole BA4A-78Z Section 1, Top of Section 209.70 (m CCD)



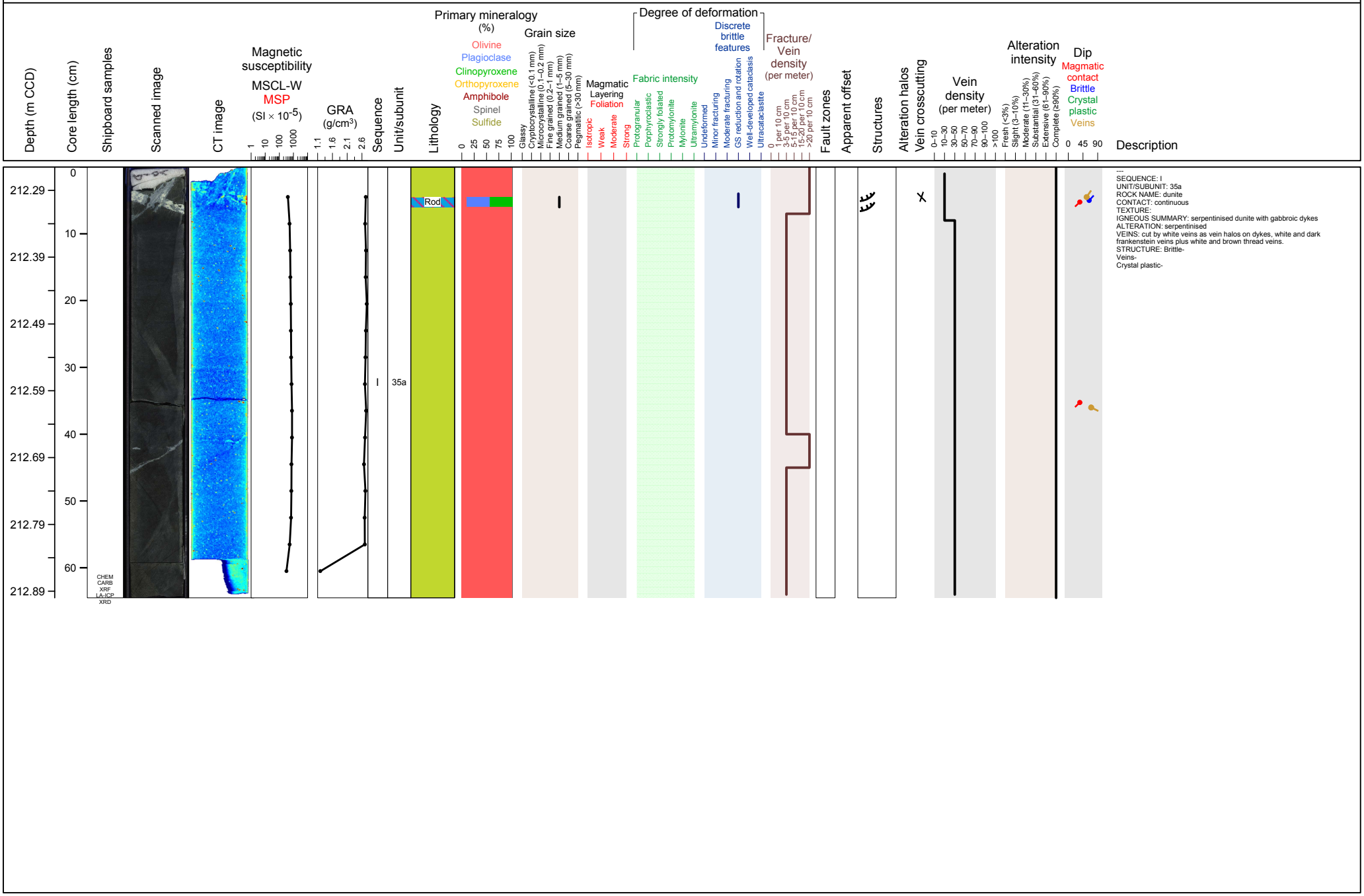
Hole BA4A-78Z Section 2, Top of Section 210.68 (m CCD)



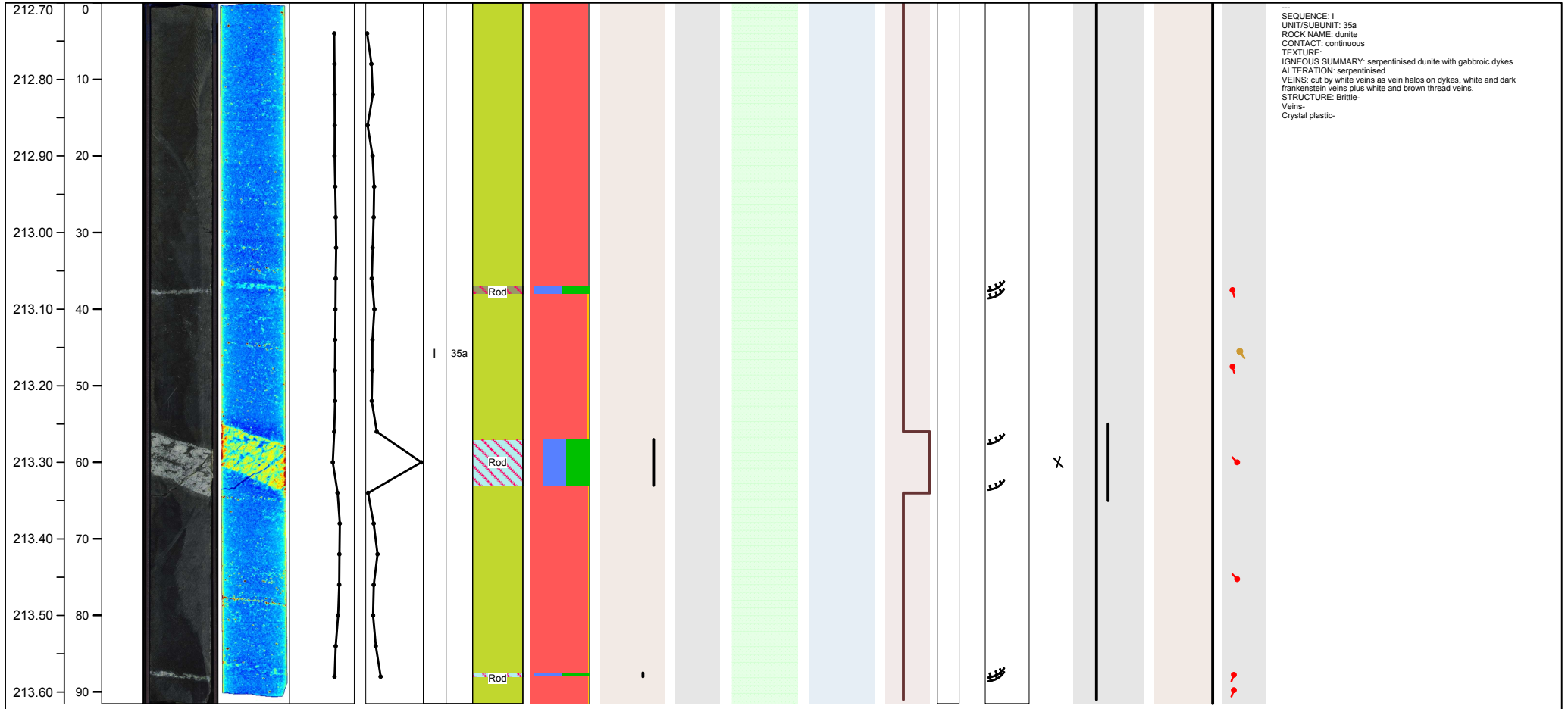
Hole BA4A-79Z Section 1, Top of Section 211.70 (m CCD)



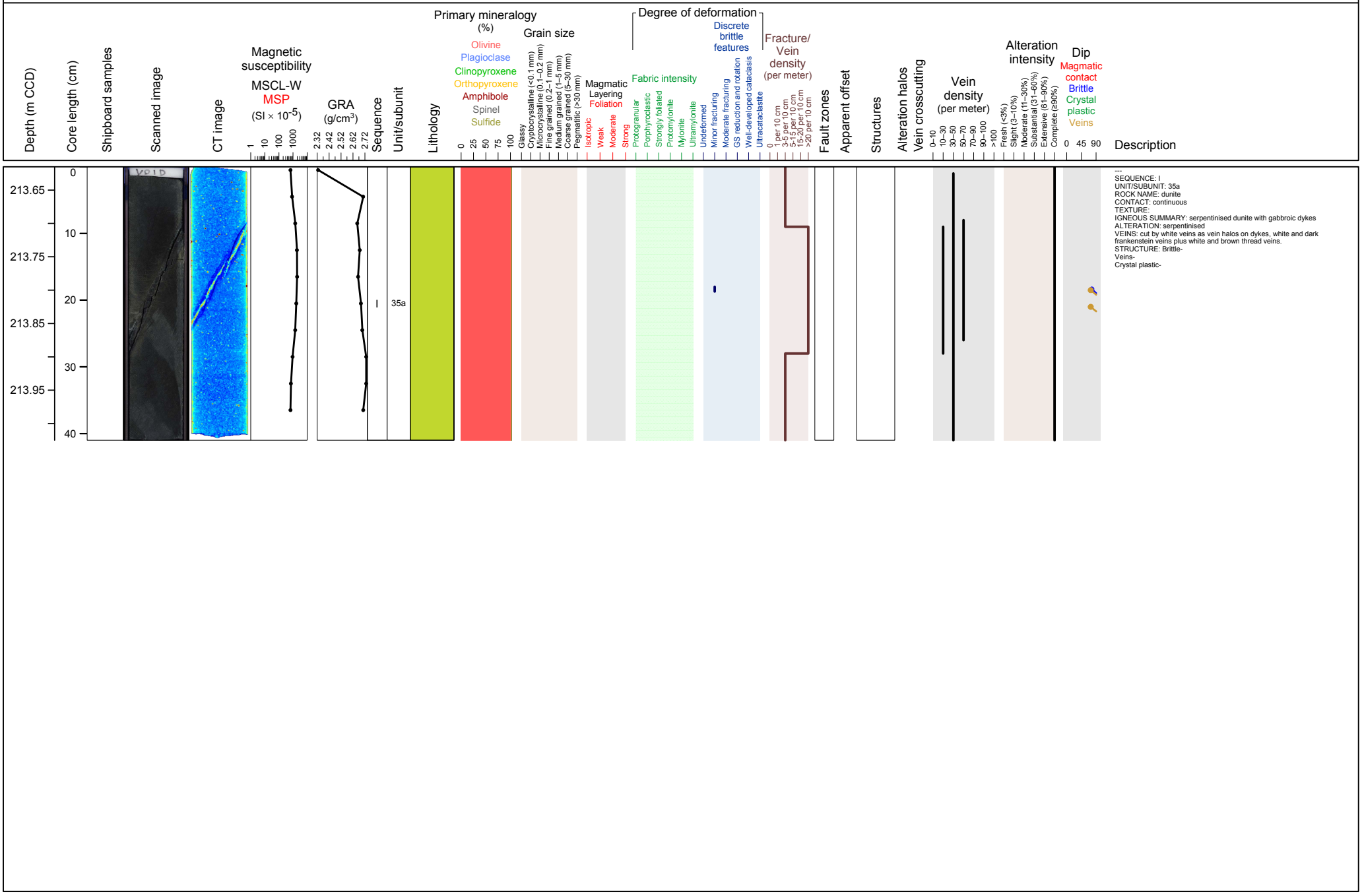
Hole BA4A-79Z Section 2, Top of Section 212.26 (m CCD)



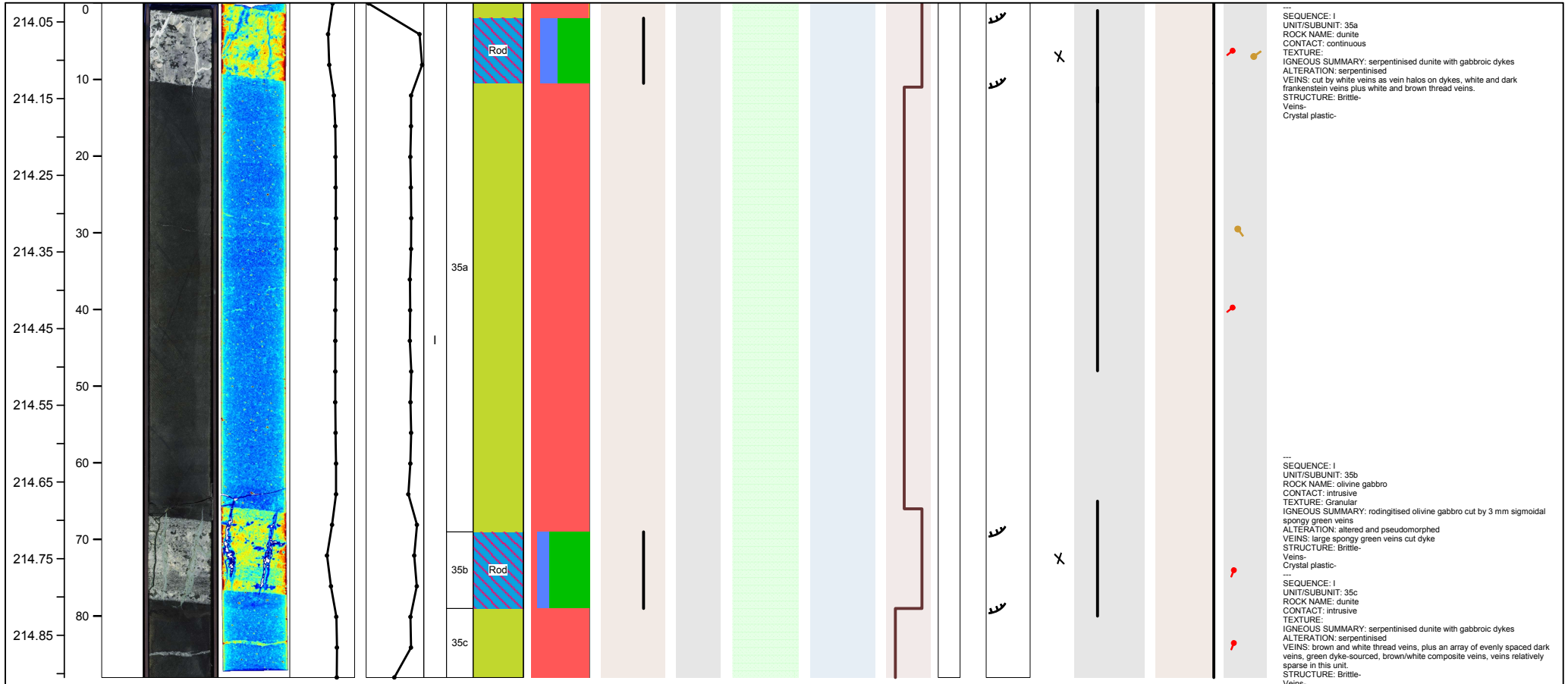
Hole BA4A-80Z Section 1, Top of Section 212.70 (m CCD)



Hole BA4A-80Z Section 2, Top of Section 213.62 (m CCD)



Hole BA4A-80Z Section 3, Top of Section 214.03 (m CCD)

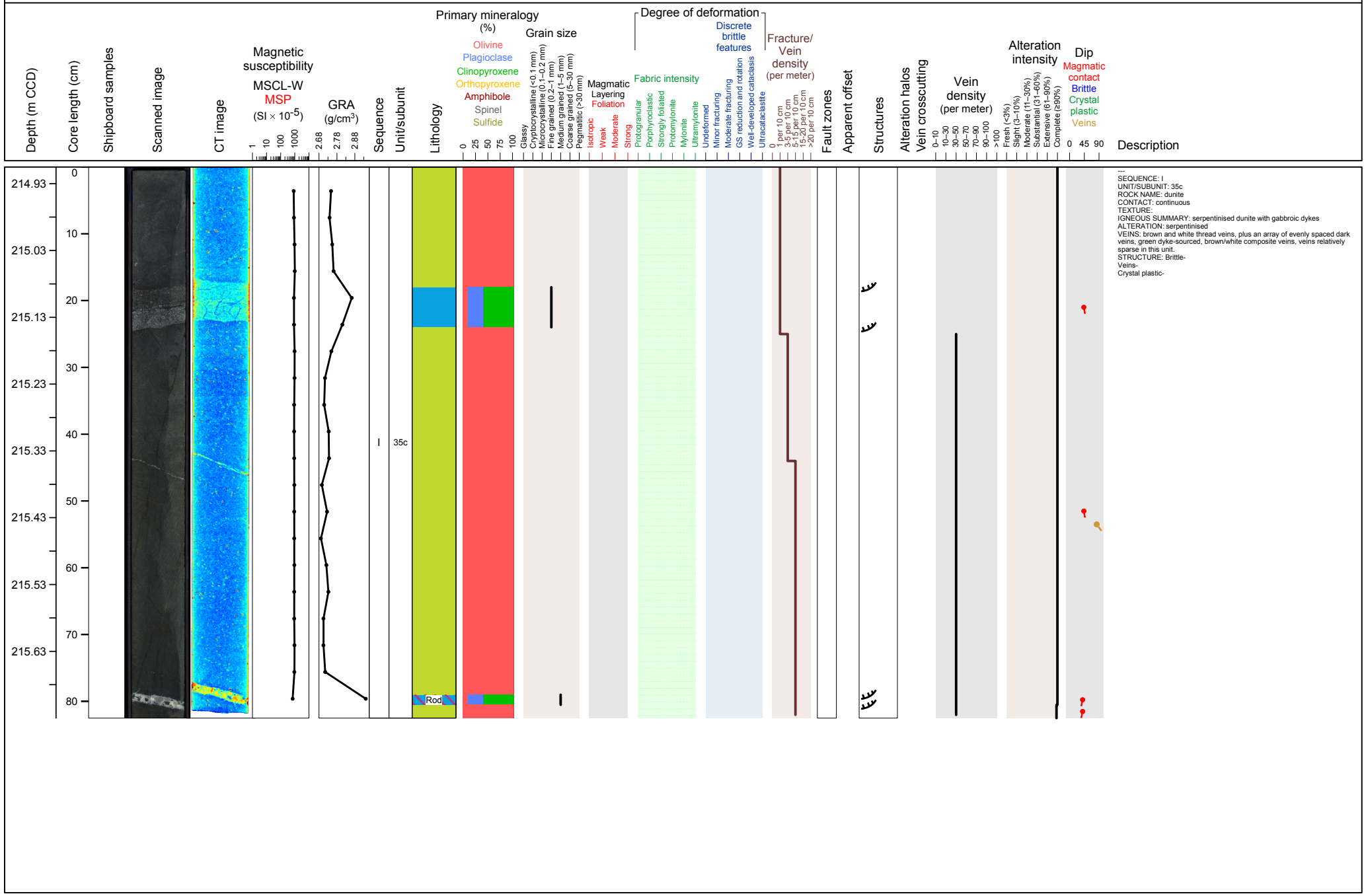


SEQUENCE: I
UNIT/SUBUNIT: 35a
ROCK NAME: dunite
CONTACT: continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinised dunite with gabbroic dykes
ALTERATION: serpentinised
VEINS: cut by white veins as vein halos on dykes, white and dark frankenstein veins plus white and brown thread veins.
STRUCTURE: Brittle-
Veins-
Crystal plastic-

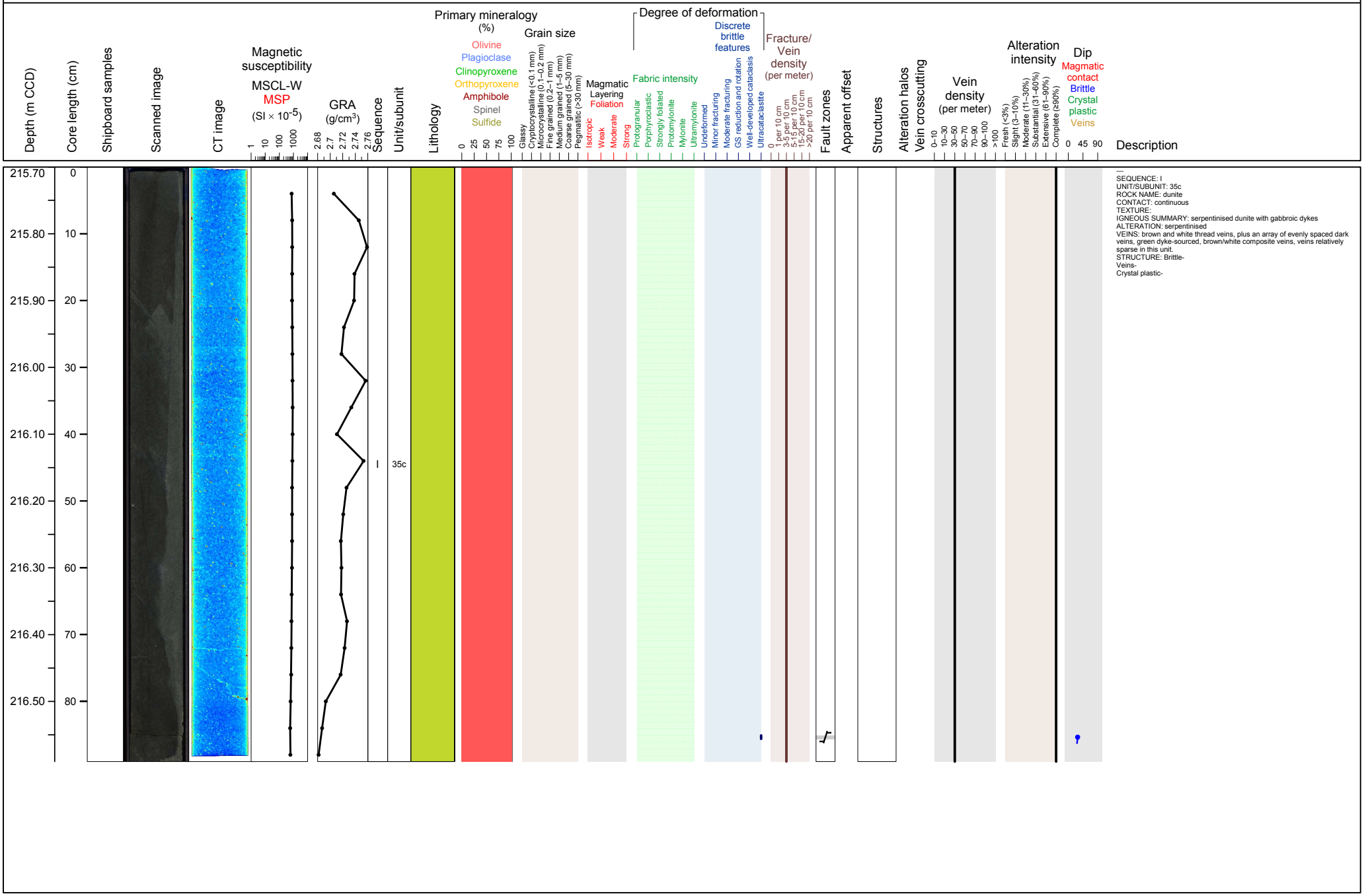
SEQUENCE: I
UNIT/SUBUNIT: 35b
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: rodingitised olivine gabbro cut by 3 mm sigmoidal spongy green veins
ALTERATION: altered and pseudomorphed
VEINS: large spongy green veins cut dyke
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 35c
ROCK NAME: dunite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: serpentinised dunite with gabbroic dykes
ALTERATION: serpentinised
VEINS: brown and white thread veins, plus an array of evenly spaced dark veins, green dyke-sourced, brown/white composite veins, veins relatively sparse in this unit.
STRUCTURE: Brittle-
Veins-
Crystal plastic-

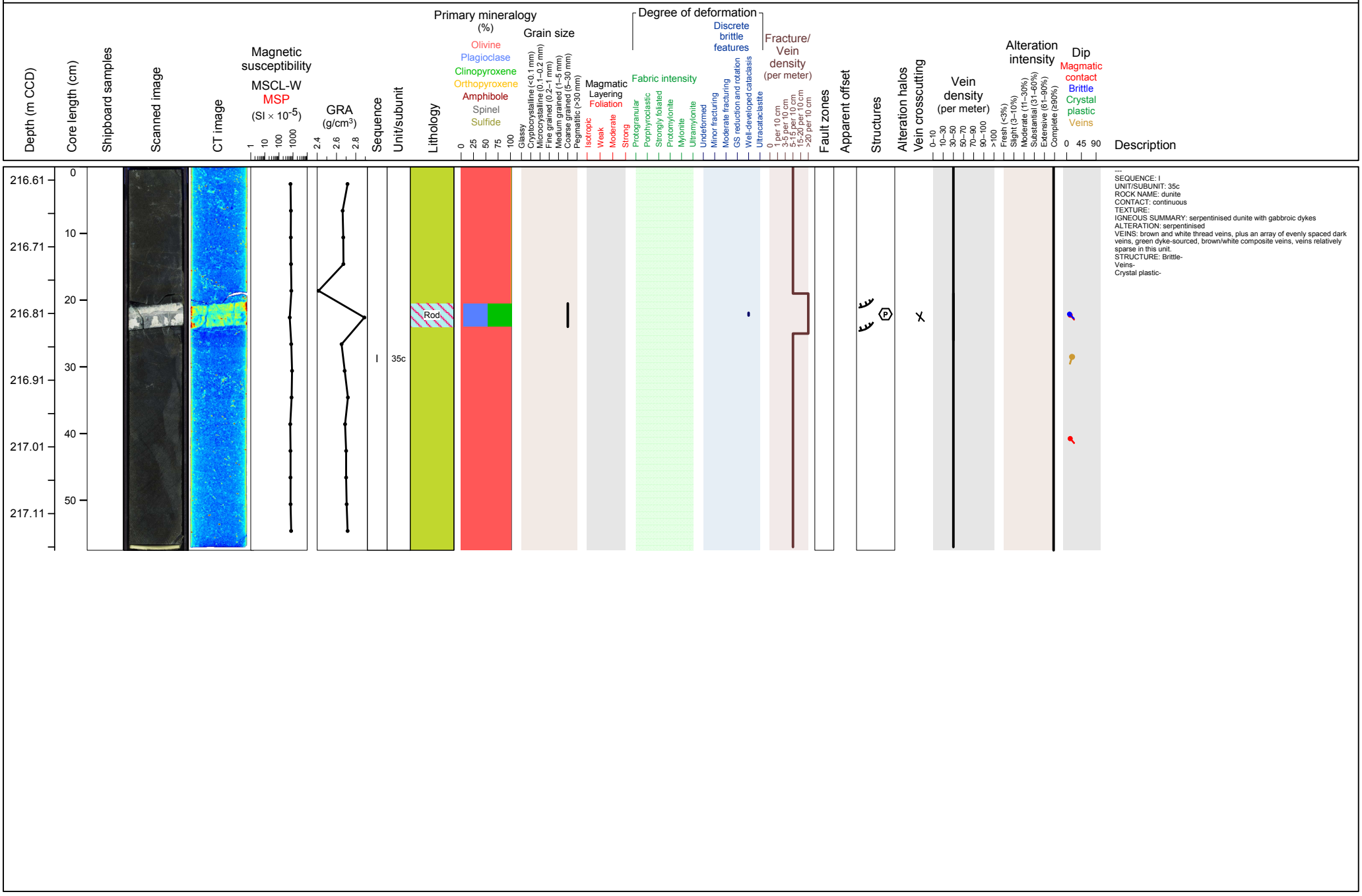
Hole BA4A-80Z Section 4, Top of Section 214.91 (m CCD)



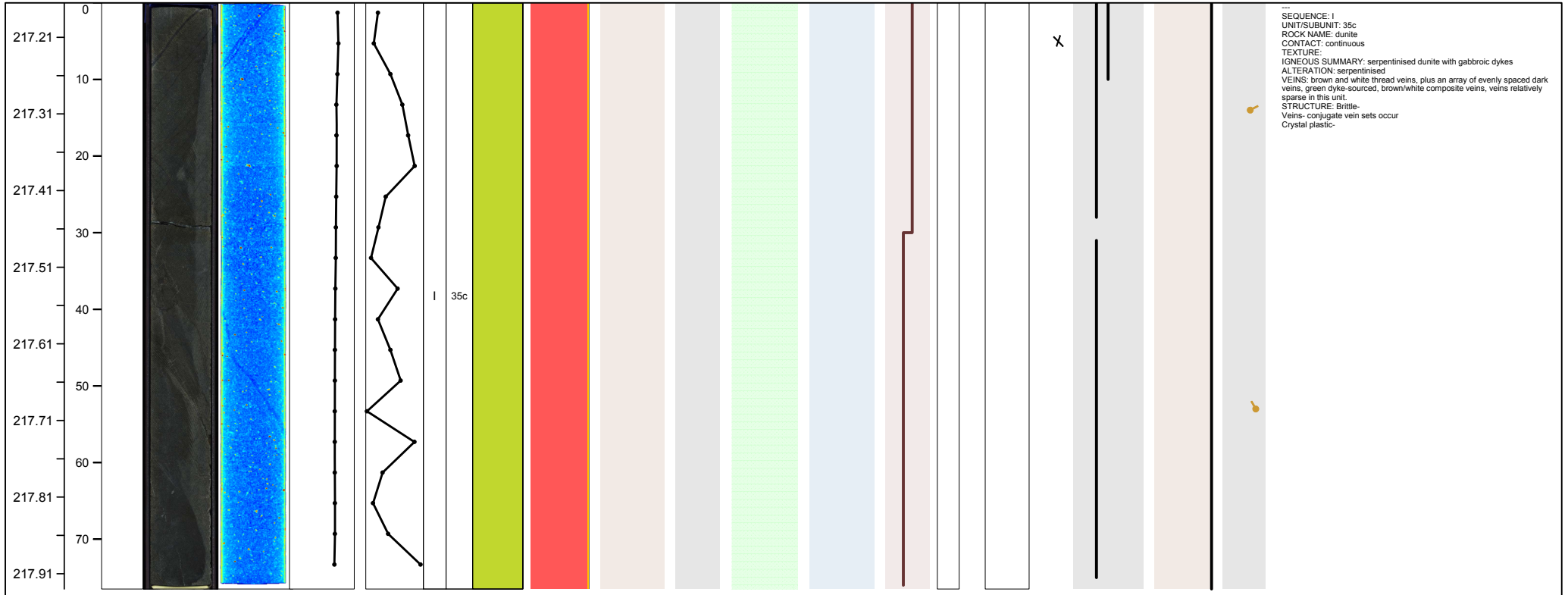
Hole BA4A-81Z Section 1, Top of Section 215.70 (m CCD)



Hole BA4A-81Z Section 2, Top of Section 216.59 (m CCD)

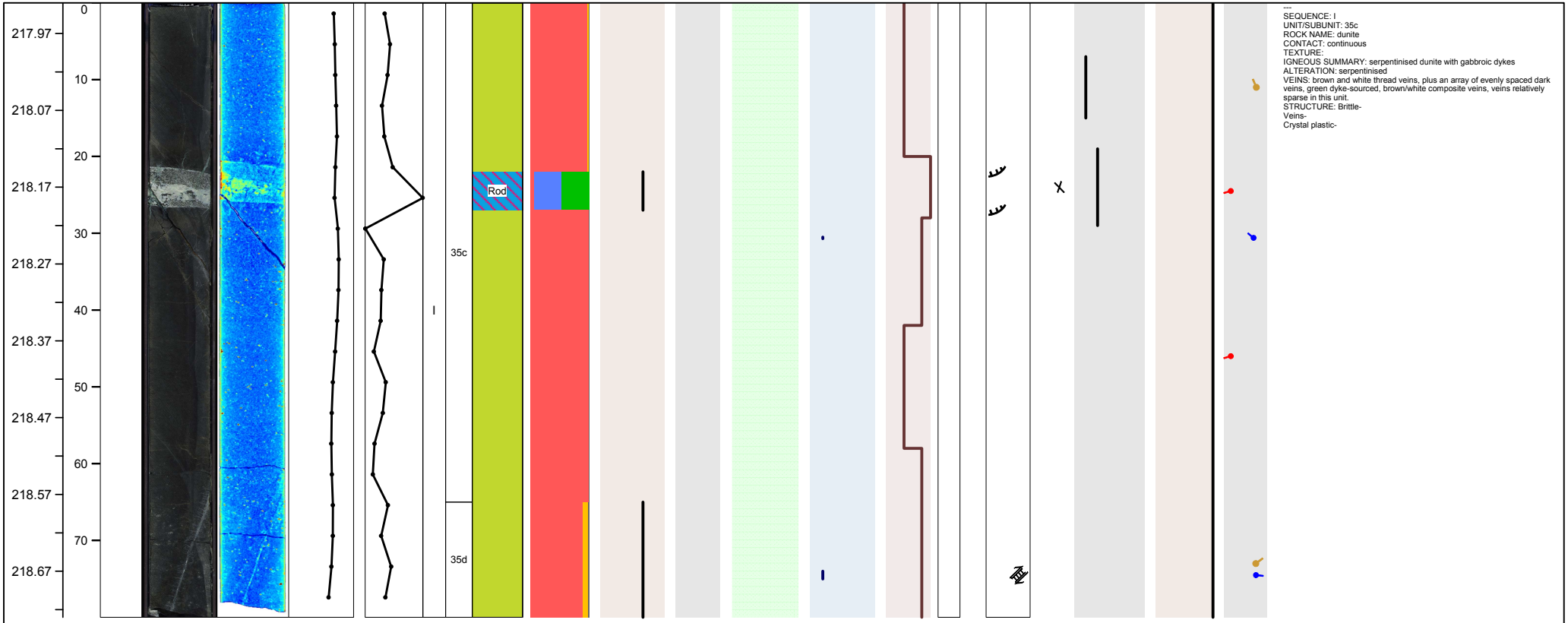


Hole BA4A-81Z Section 3, Top of Section 217.17 (m CCD)

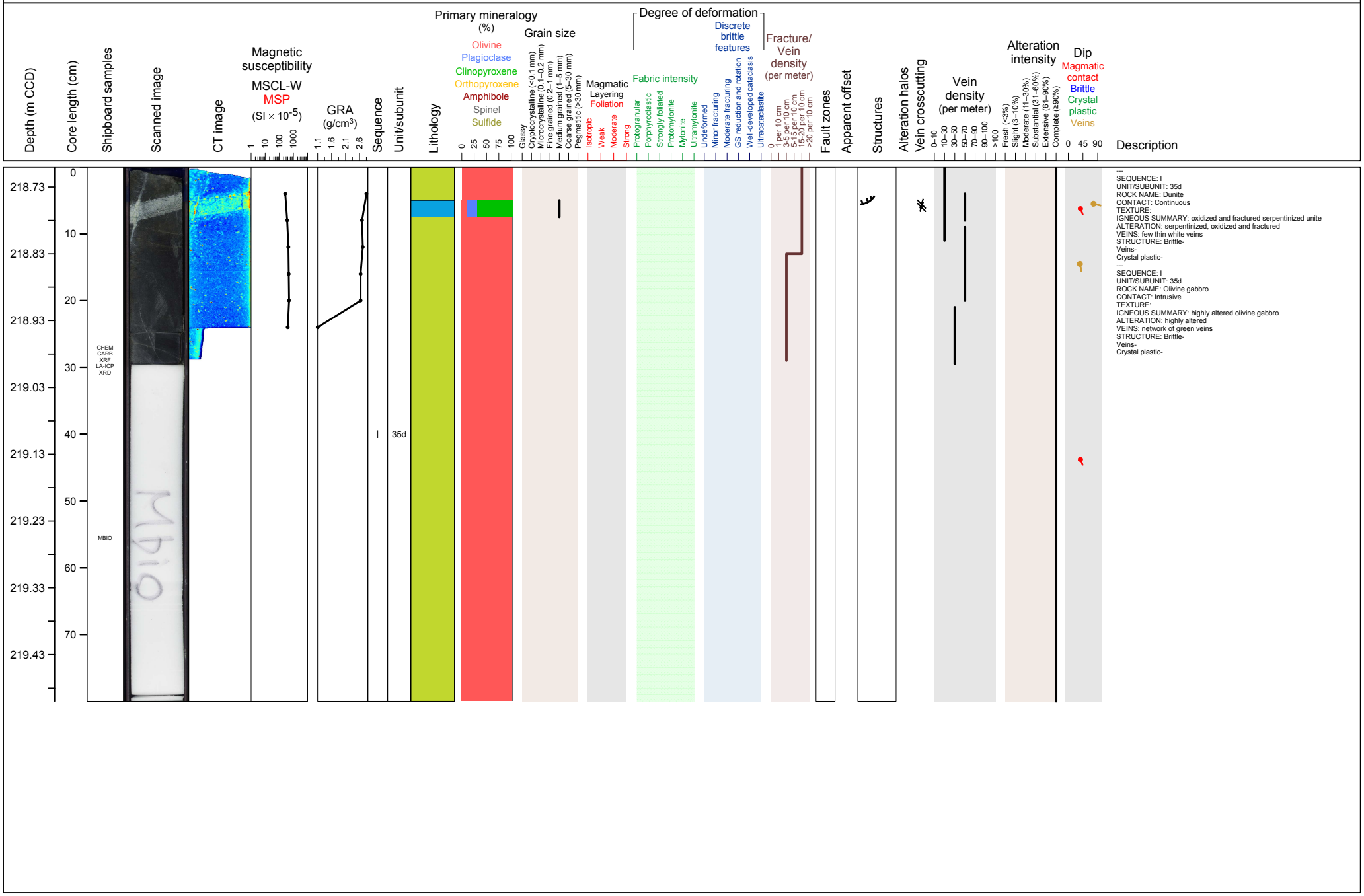


SEQUENCE: I
UNIT/SUBUNIT: 35c
ROCK NAME: dunite
CONTACT: continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinised dunite with gabbroic dykes
ALTERATION: serpentinised
VEINS: brown and white thread veins, plus an array of evenly spaced dark veins, green dyke-sourced, brown/white composite veins, veins relatively sparse in this unit.
STRUCTURE: Brittle-
Veins- conjugate vein sets occur
Crystal plastic-

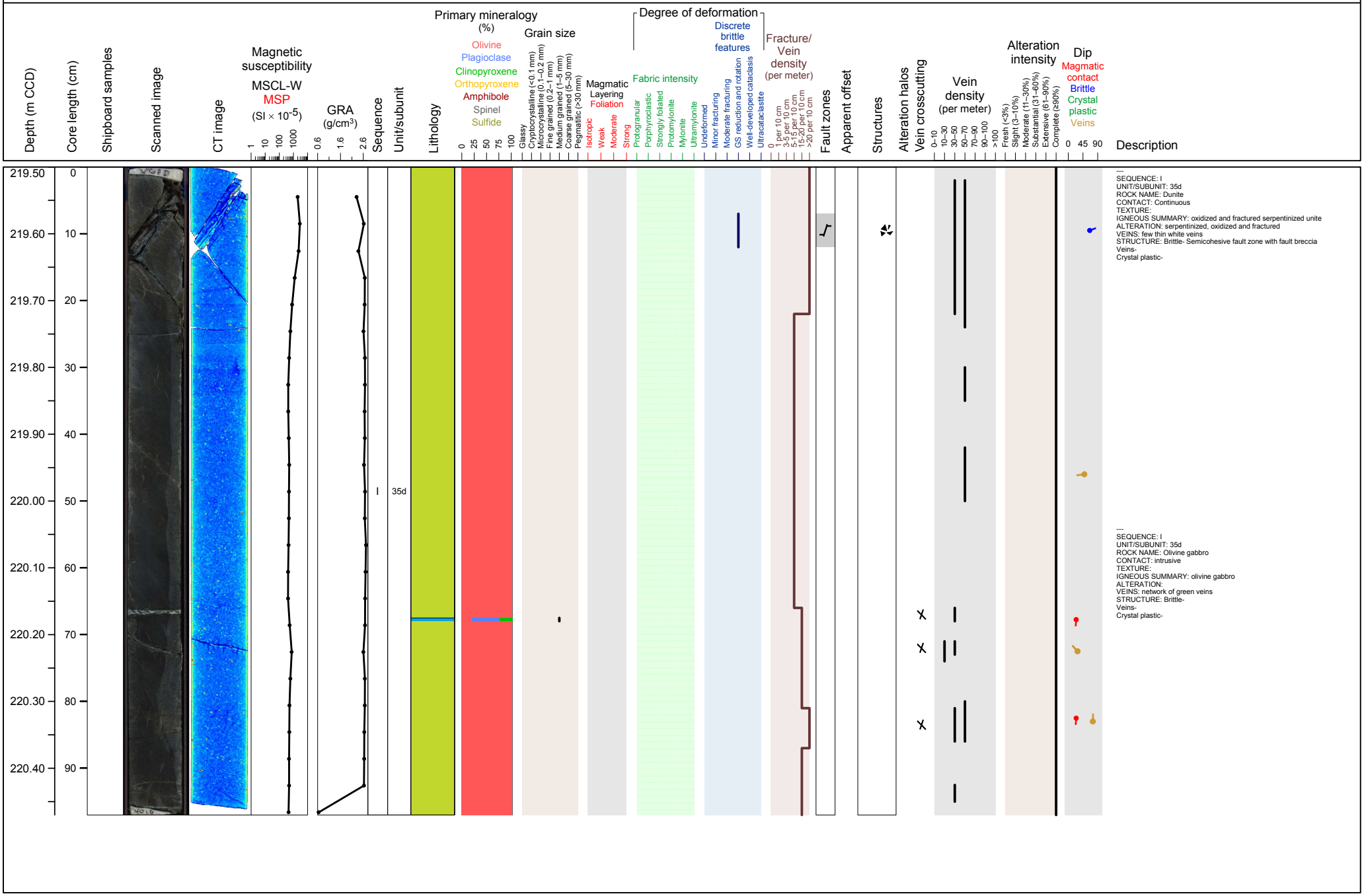
Hole BA4A-81Z Section 4, Top of Section 217.93 (m CCD)



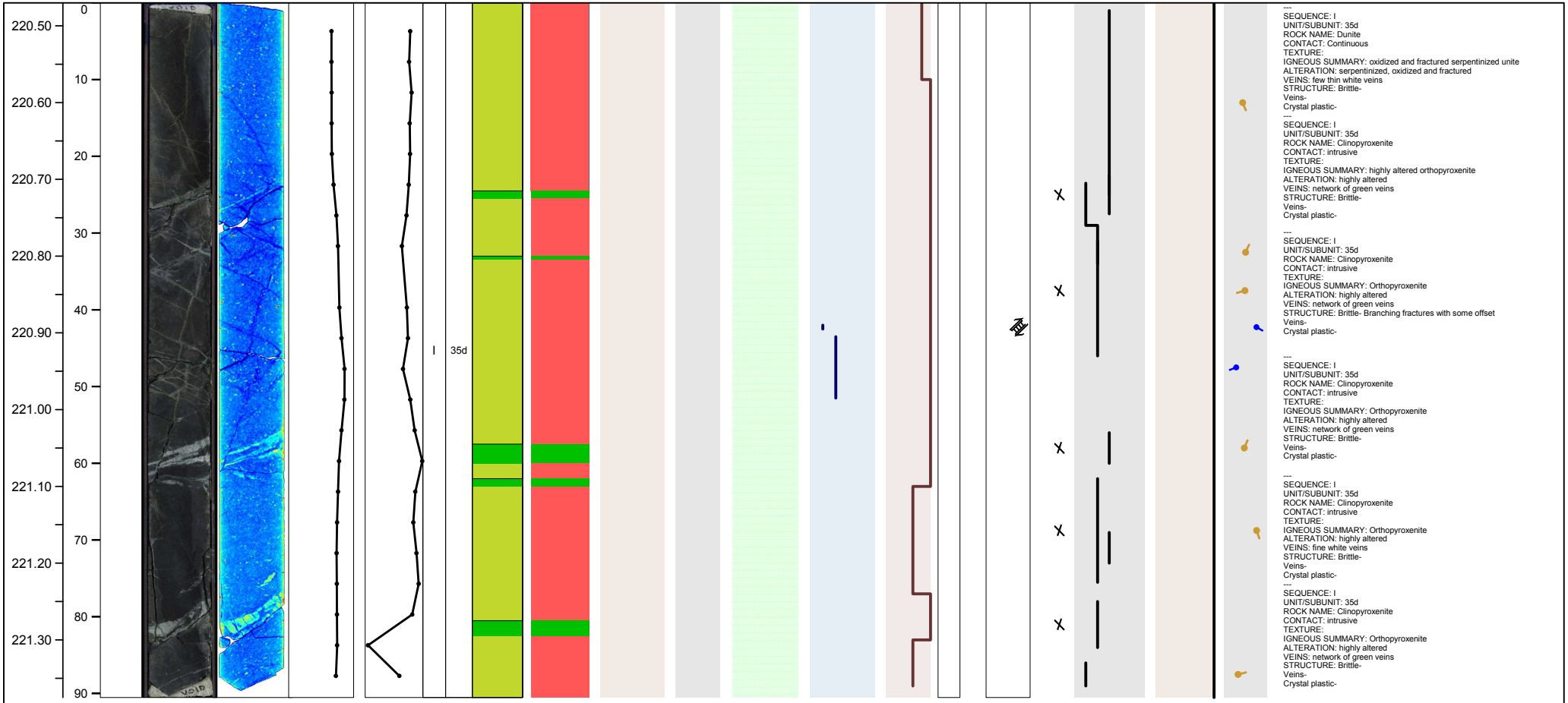
Hole BA4A-82Z Section 1, Top of Section 218.70 (m CCD)



Hole BA4A-82Z Section 2, Top of Section 219.50 (m CCD)



Hole BA4A-82Z Section 3, Top of Section 220.47 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 35d
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: oxidized and fractured serpentinized unite
ALTERATION: serpentinized, oxidized and fractured
VEINS: few thin white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 35d
ROCK NAME: Clinopyroxenite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: highly altered orthopyroxenite
ALTERATION: highly altered
VEINS: network of green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

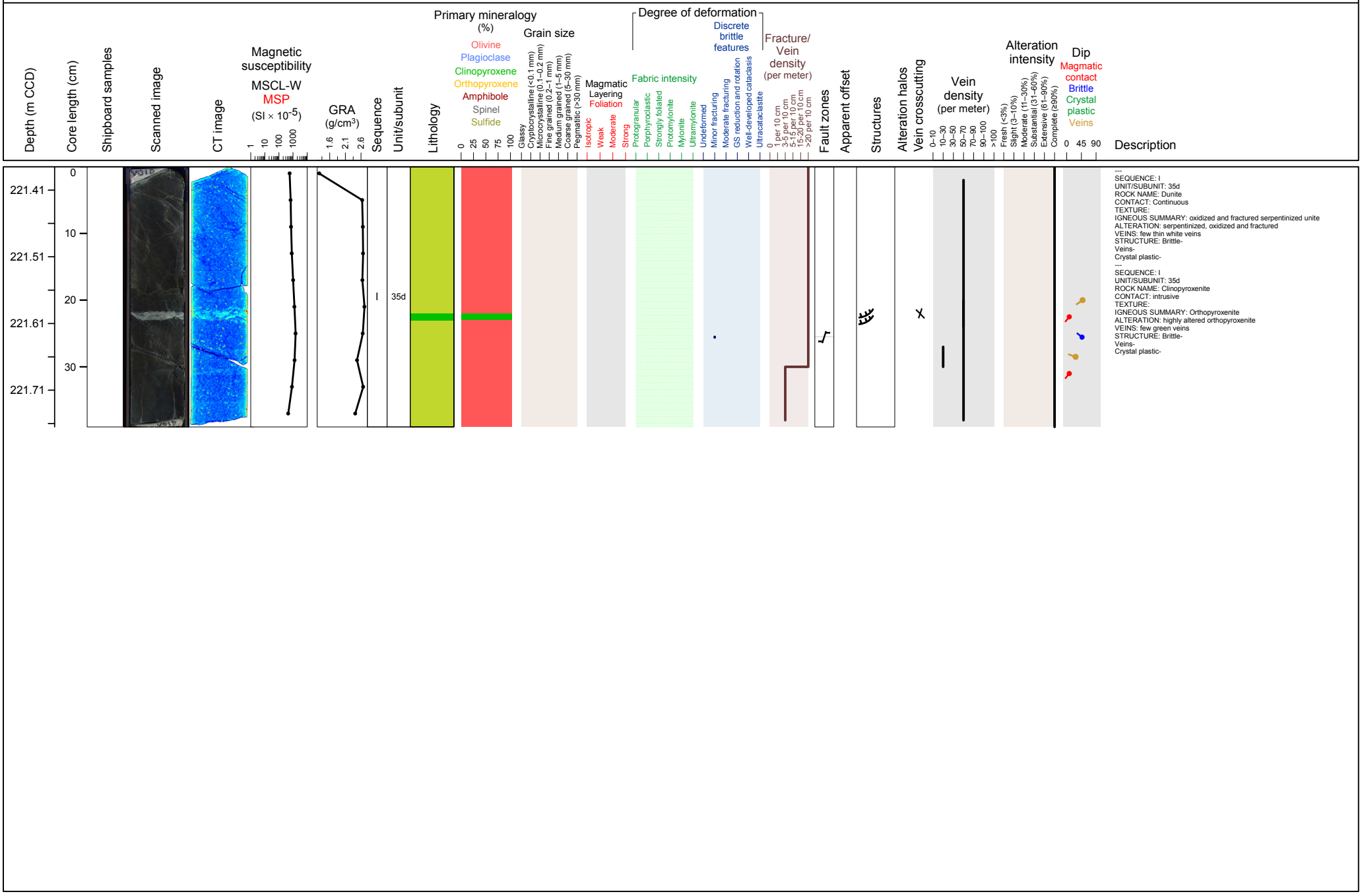
SEQUENCE: I
UNIT/SUBUNIT: 35d
ROCK NAME: Clinopyroxenite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: Orthopyroxenite
ALTERATION: highly altered
VEINS: network of green veins
STRUCTURE: Brittle- Branching fractures with some offset
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 35d
ROCK NAME: Clinopyroxenite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: Orthopyroxenite
ALTERATION: highly altered
VEINS: network of green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

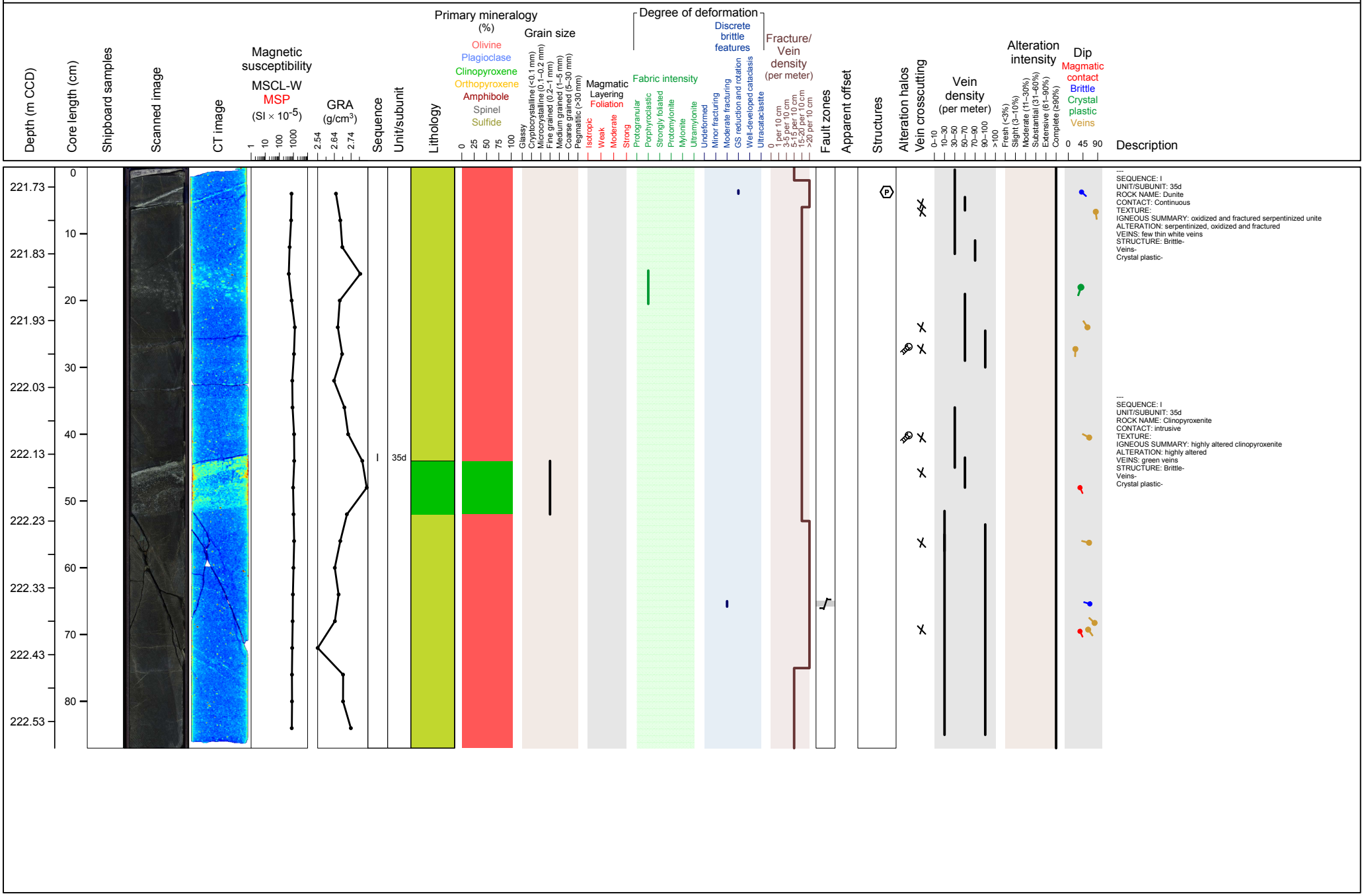
SEQUENCE: I
UNIT/SUBUNIT: 35d
ROCK NAME: Clinopyroxenite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: Orthopyroxenite
ALTERATION: highly altered
VEINS: fine white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 35d
ROCK NAME: Clinopyroxenite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: Orthopyroxenite
ALTERATION: highly altered
VEINS: network of green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

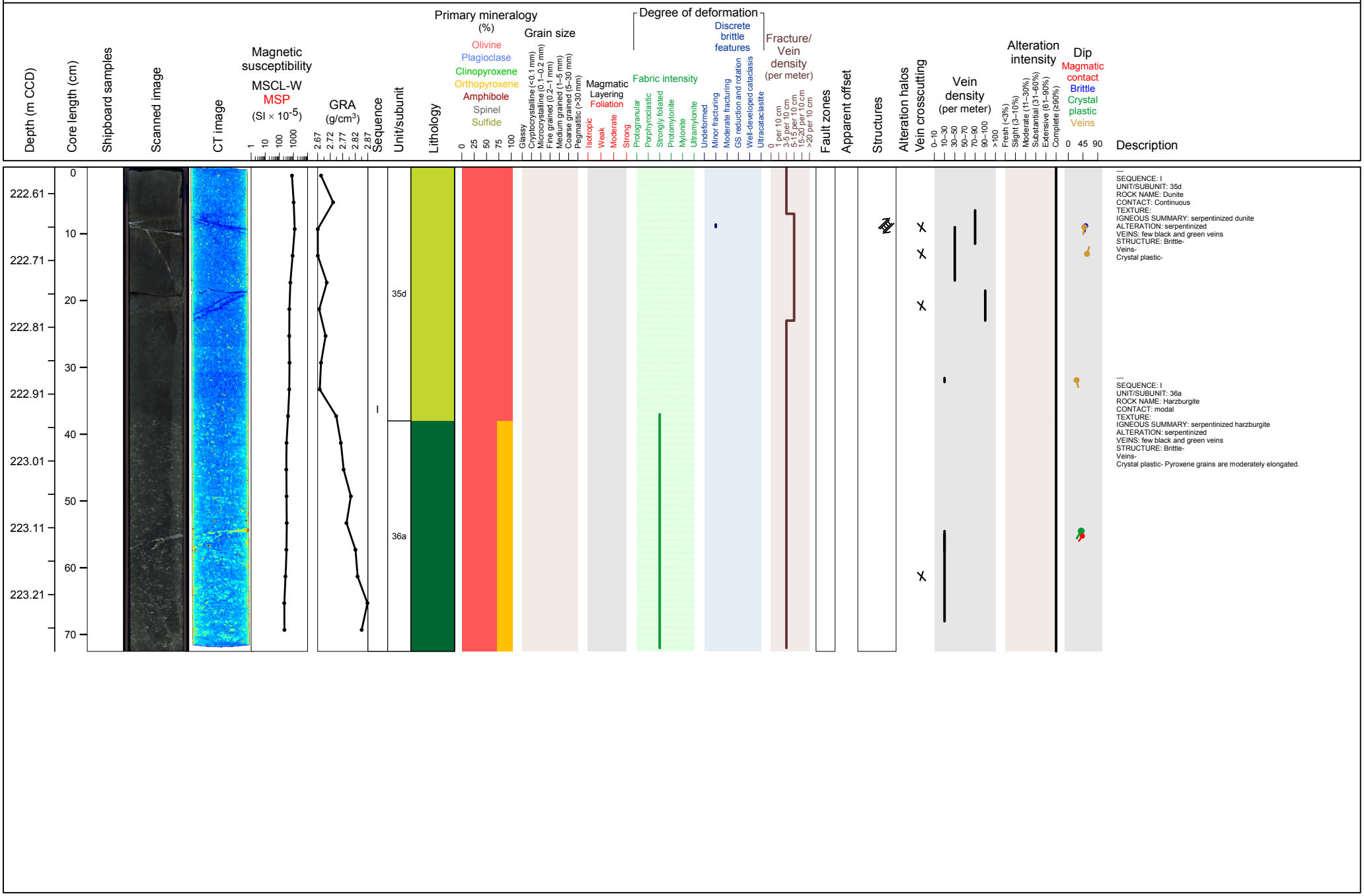
Hole BA4A-82Z Section 4, Top of Section 221.38 (m CCD)



Hole BA4A-83Z Section 1, Top of Section 221.70 (m CCD)



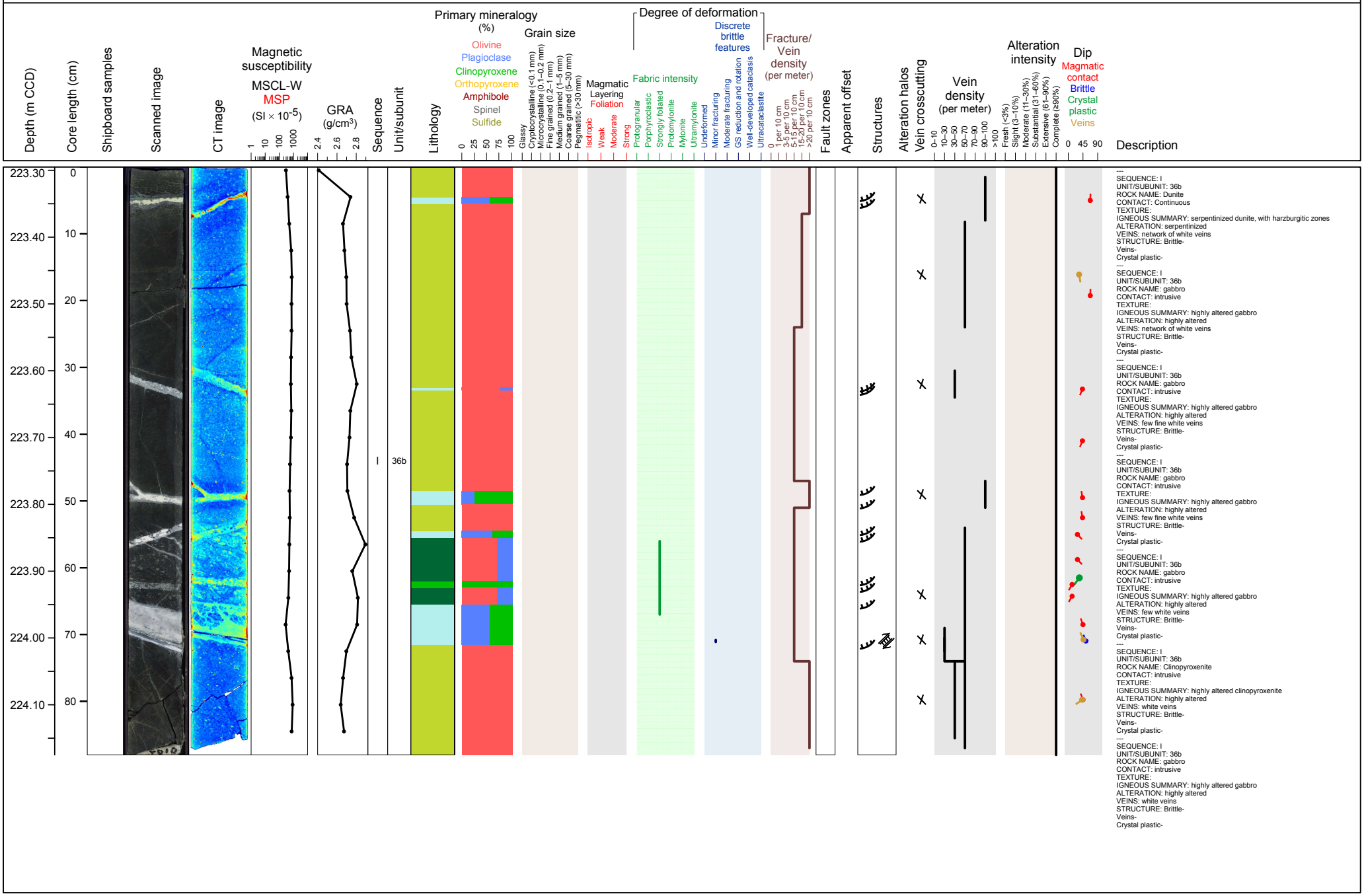
Hole BA4A-83Z Section 2, Top of Section 222.57 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 35d
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite
ALTERATION: serpentinized
VEINS: few black and green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 36a
ROCK NAME: Harzburgite
CONTACT: modal
TEXTURE:
IGNEOUS SUMMARY: serpentinized harzburgite
ALTERATION: serpentinized
VEINS: few black and green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are moderately elongated.

Hole BA4A-83Z Section 3, Top of Section 223.30 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 36b
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite, with harzburgitic zones
ALTERATION: serpentinized
VEINS: network of white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 36b
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: highly altered gabbro
ALTERATION: highly altered
VEINS: network of white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 36b
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: highly altered gabbro
ALTERATION: highly altered
VEINS: few fine white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

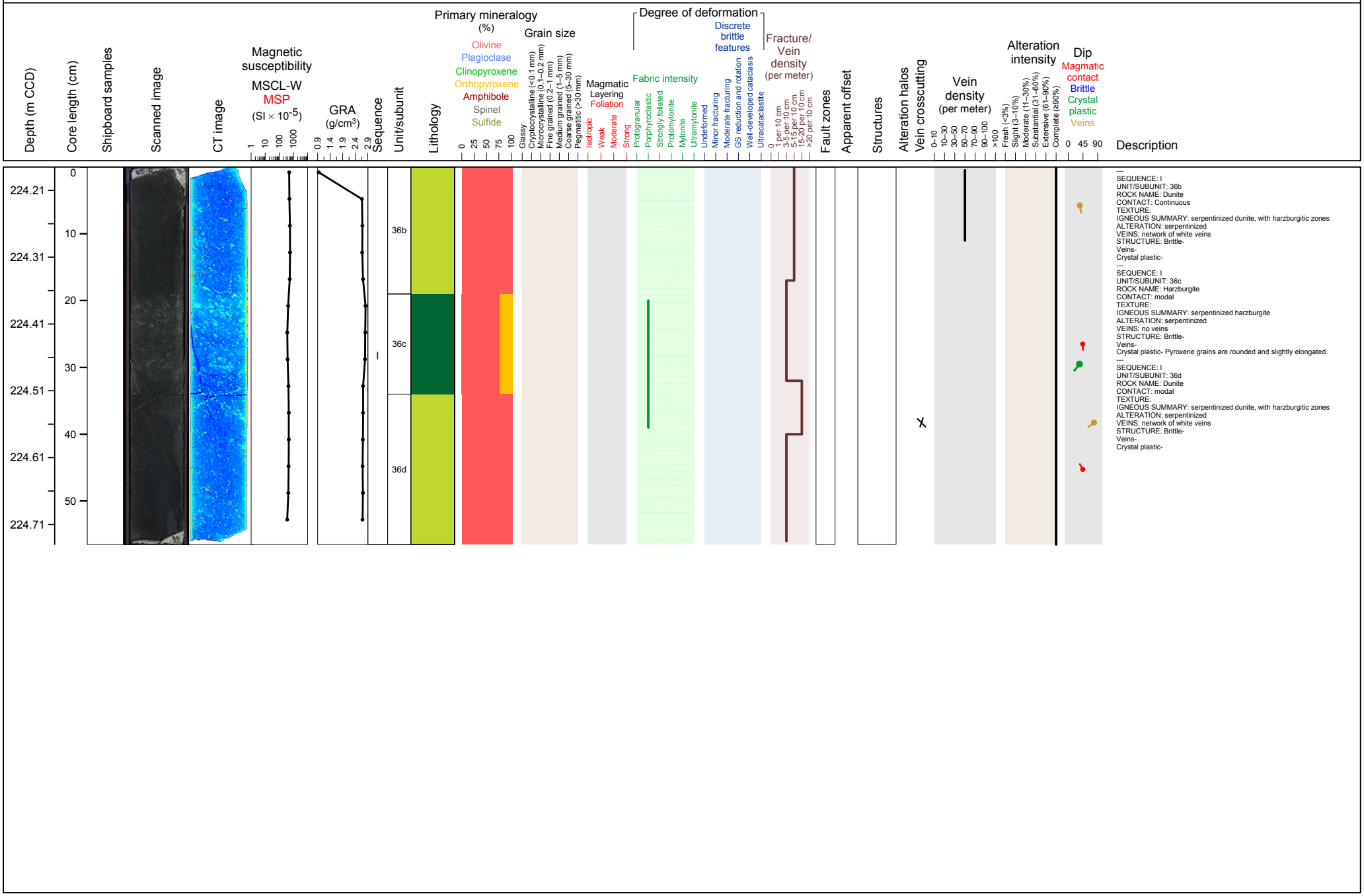
SEQUENCE: I
UNIT/SUBUNIT: 36b
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: highly altered gabbro
ALTERATION: highly altered
VEINS: few fine white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 36b
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: highly altered gabbro
ALTERATION: highly altered
VEINS: few white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

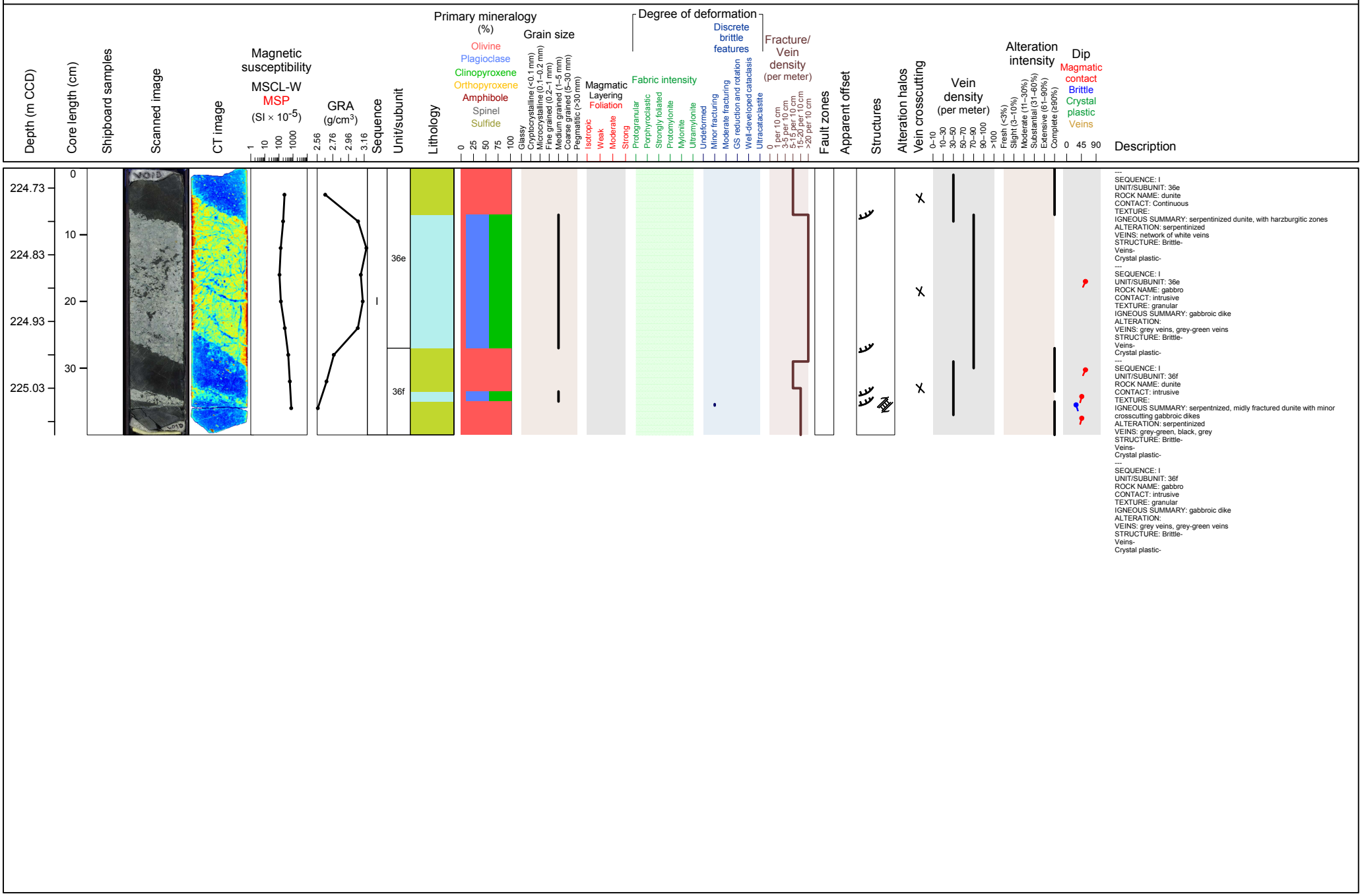
SEQUENCE: I
UNIT/SUBUNIT: 36b
ROCK NAME: Clinopyroxenite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: highly altered clinopyroxenite
ALTERATION: highly altered
VEINS: white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 36b
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: highly altered gabbro
ALTERATION: highly altered
VEINS: white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

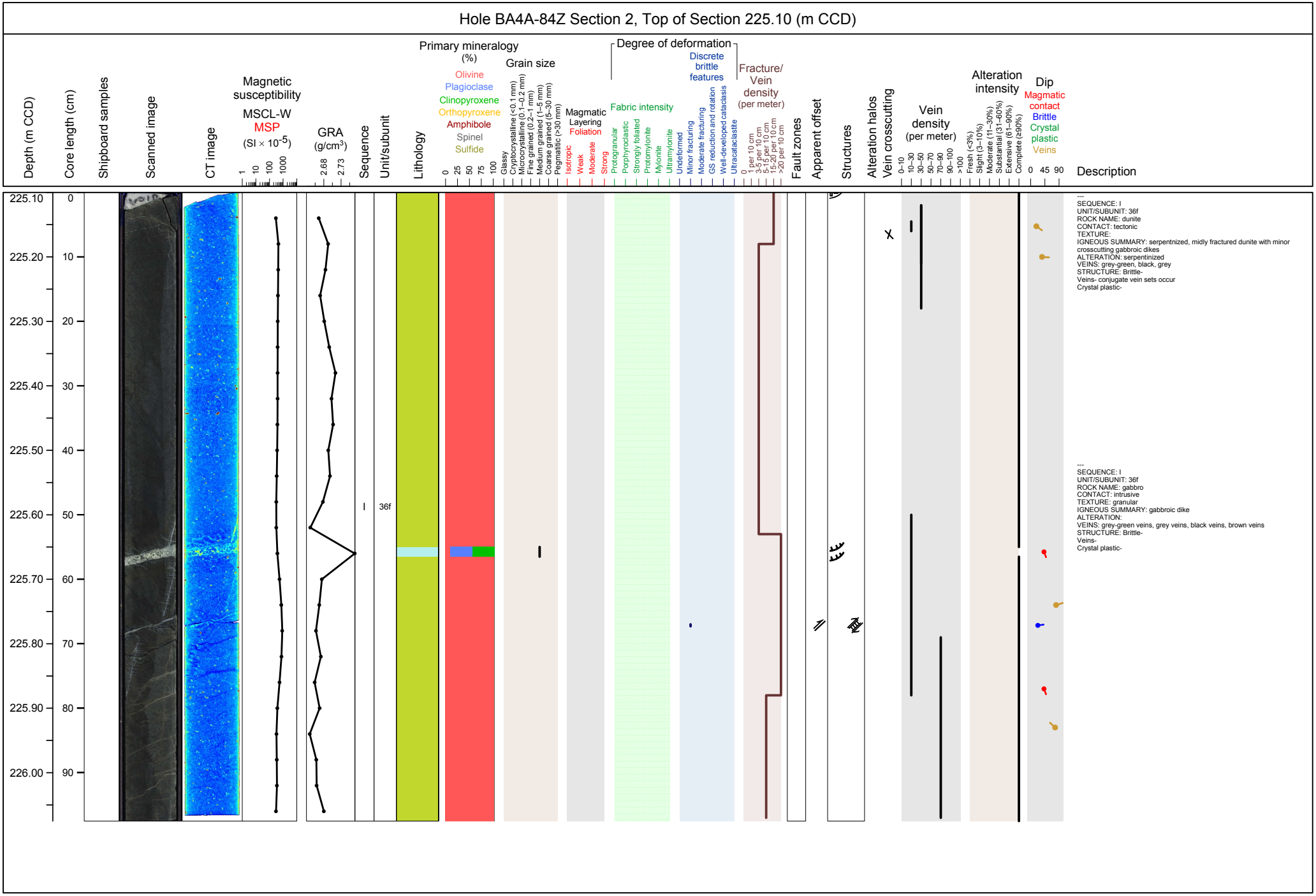
Hole BA4A-83Z Section 4, Top of Section 224.18 (m CCD)



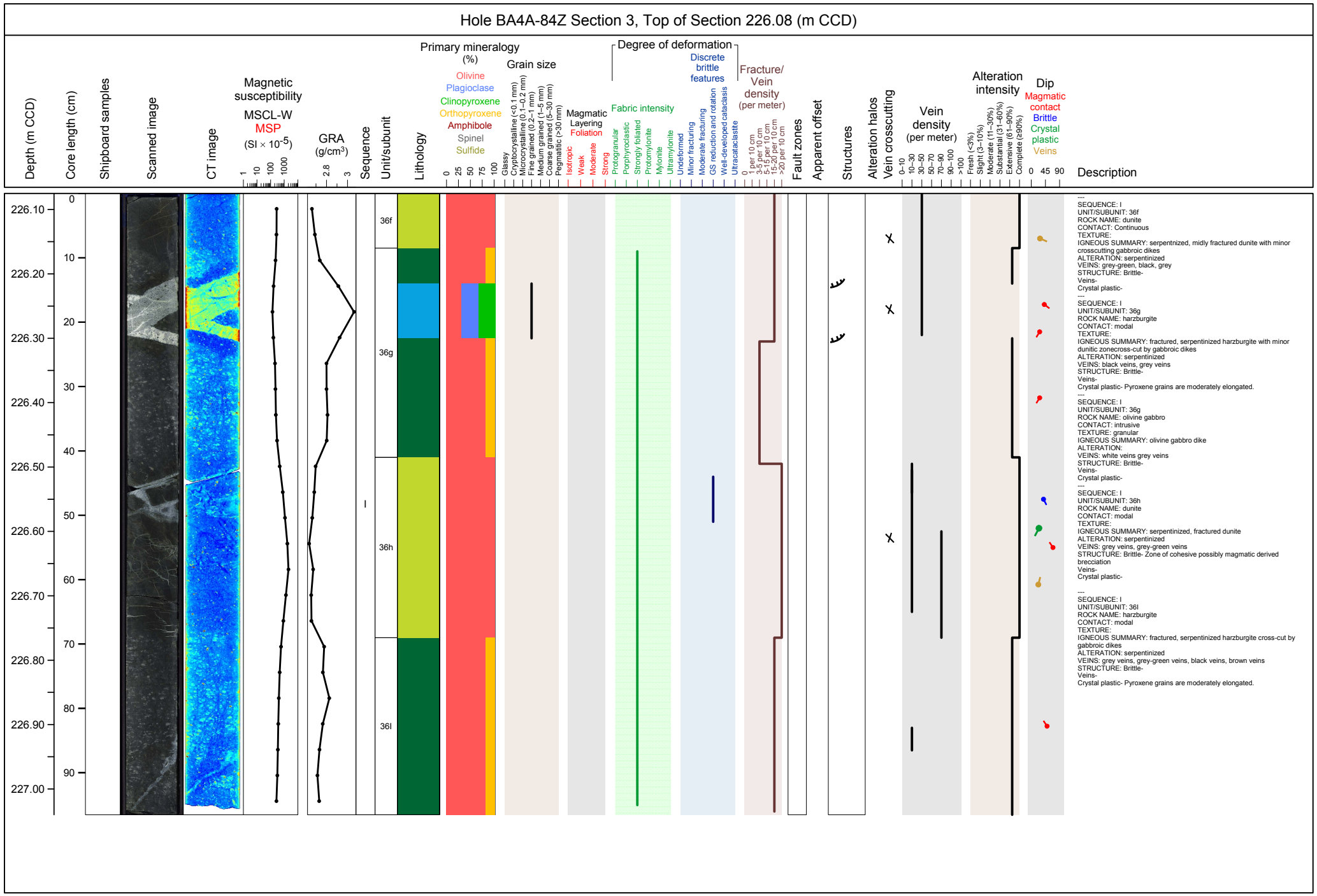
Hole BA4A-84Z Section 1, Top of Section 224.70 (m CCD)



Hole BA4A-84Z Section 2, Top of Section 225.10 (m CCD)



Hole BA4A-84Z Section 3, Top of Section 226.08 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 36f
ROCK NAME: dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentnized, midly fractured dunite with minor crosscutting gabbroic dikes
ALTERATION: serpentinized
VEINS: grey-green, black, grey
STRUCTURE: Brittle-
Veins-
Crystal plastic-

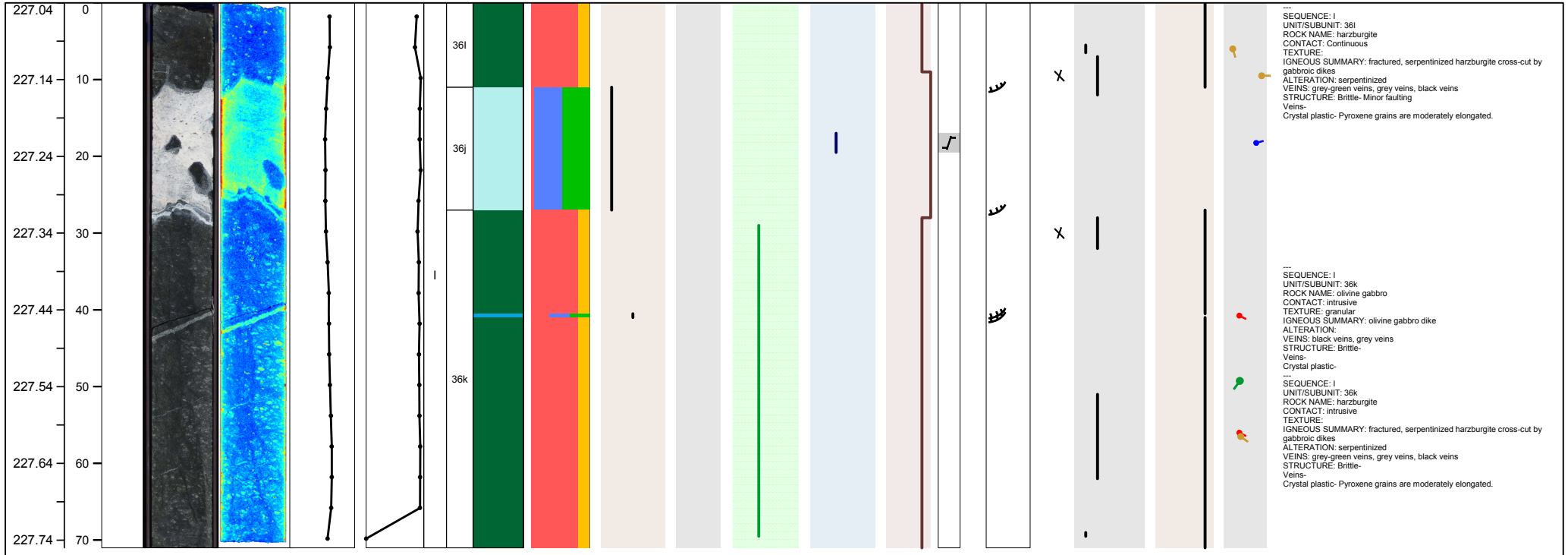
SEQUENCE: I
UNIT/SUBUNIT: 36g
ROCK NAME: harzburgite
CONTACT: modal
TEXTURE:
IGNEOUS SUMMARY: fractured, serpentinized harzburgite with minor dunitic zonecross-cut by gabbroic dikes
ALTERATION: serpentinized
VEINS: black veins, grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are moderately elongated.

SEQUENCE: I
UNIT/SUBUNIT: 36g
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: olivine gabbro dike
ALTERATION:
VEINS: white veins grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 36h
ROCK NAME: dunite
CONTACT: modal
TEXTURE:
IGNEOUS SUMMARY: serpentinized, fractured dunite
ALTERATION: serpentinized
VEINS: grey veins, grey-green veins
STRUCTURE: Brittle- Zone of cohesive possibly magmatic derived brecciation
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 36l
ROCK NAME: harzburgite
CONTACT: modal
TEXTURE:
IGNEOUS SUMMARY: fractured, serpentinized harzburgite cross-cut by gabbroic dikes
ALTERATION: serpentinized
VEINS: grey veins, grey-green veins, black veins, brown veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are moderately elongated.

Hole BA4A-84Z Section 4, Top of Section 227.04 (m CCD)

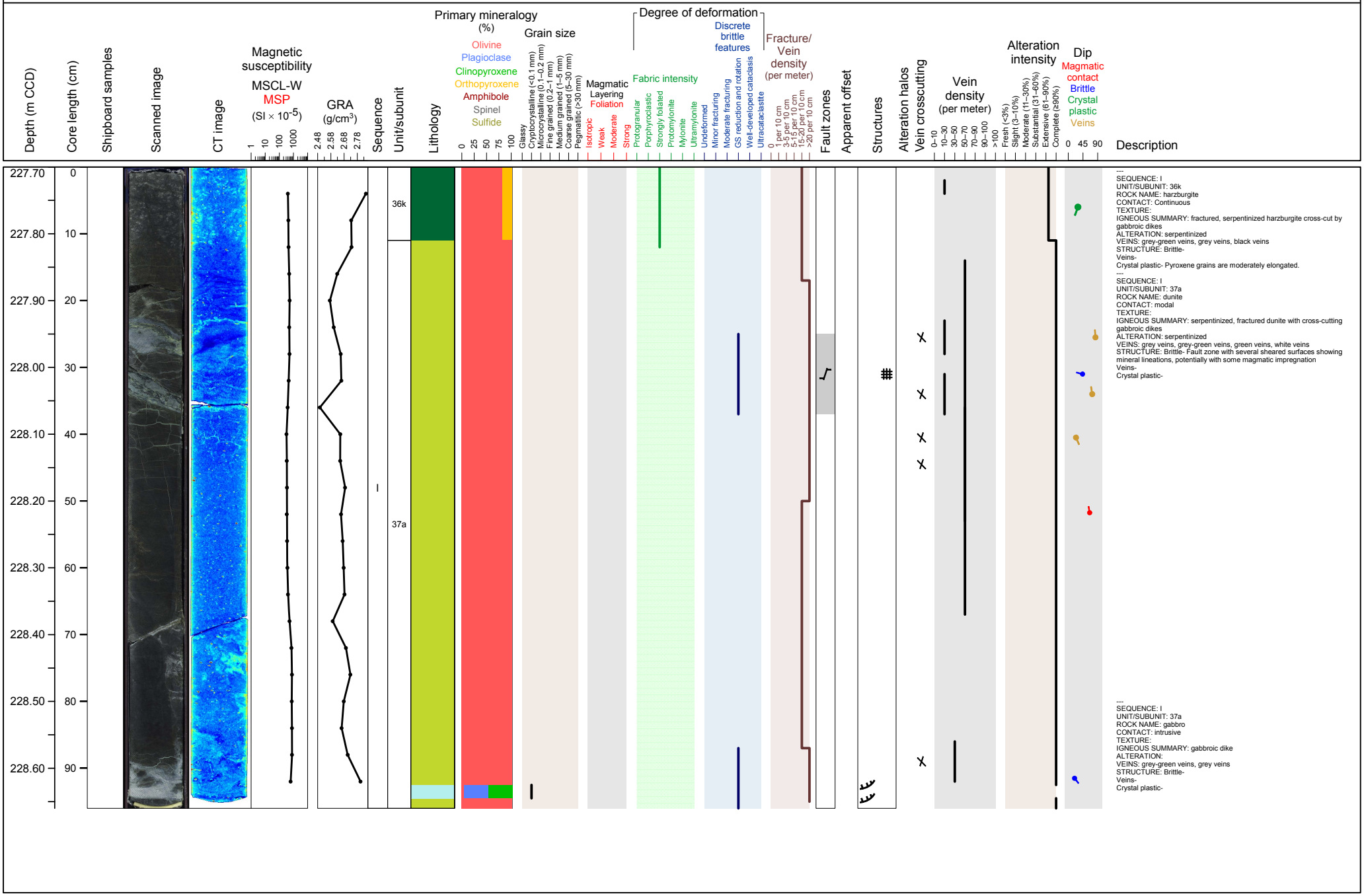


SEQUENCE: I
UNIT/SUBUNIT: 36l
ROCK NAME: harzburgite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: fractured, serpentinized harzburgite cross-cut by gabbroic dikes
ALTERATION: serpentinized
VEINS: grey-green veins, grey veins, black veins
STRUCTURE: Brittle- Minor faulting
Veins-
Crystal plastic- Pyroxene grains are moderately elongated.

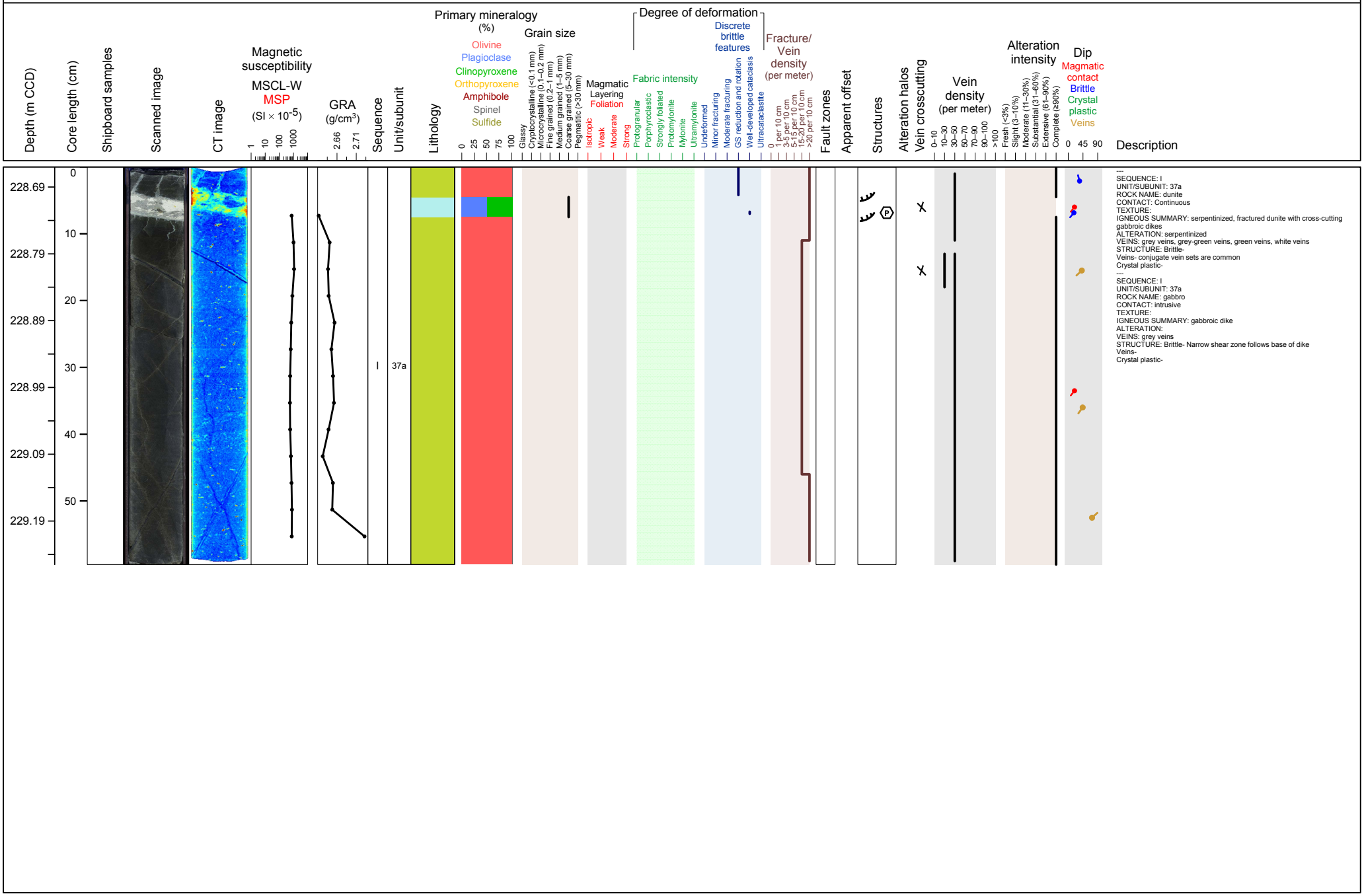
SEQUENCE: I
UNIT/SUBUNIT: 36k
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: olivine gabbro dike
ALTERATION:
VEINS: black veins, grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 36k
ROCK NAME: harzburgite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: fractured, serpentinized harzburgite cross-cut by gabbroic dikes
ALTERATION: serpentinized
VEINS: grey-green veins, grey veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are moderately elongated.

Hole BA4A-85Z Section 1, Top of Section 227.70 (m CCD)

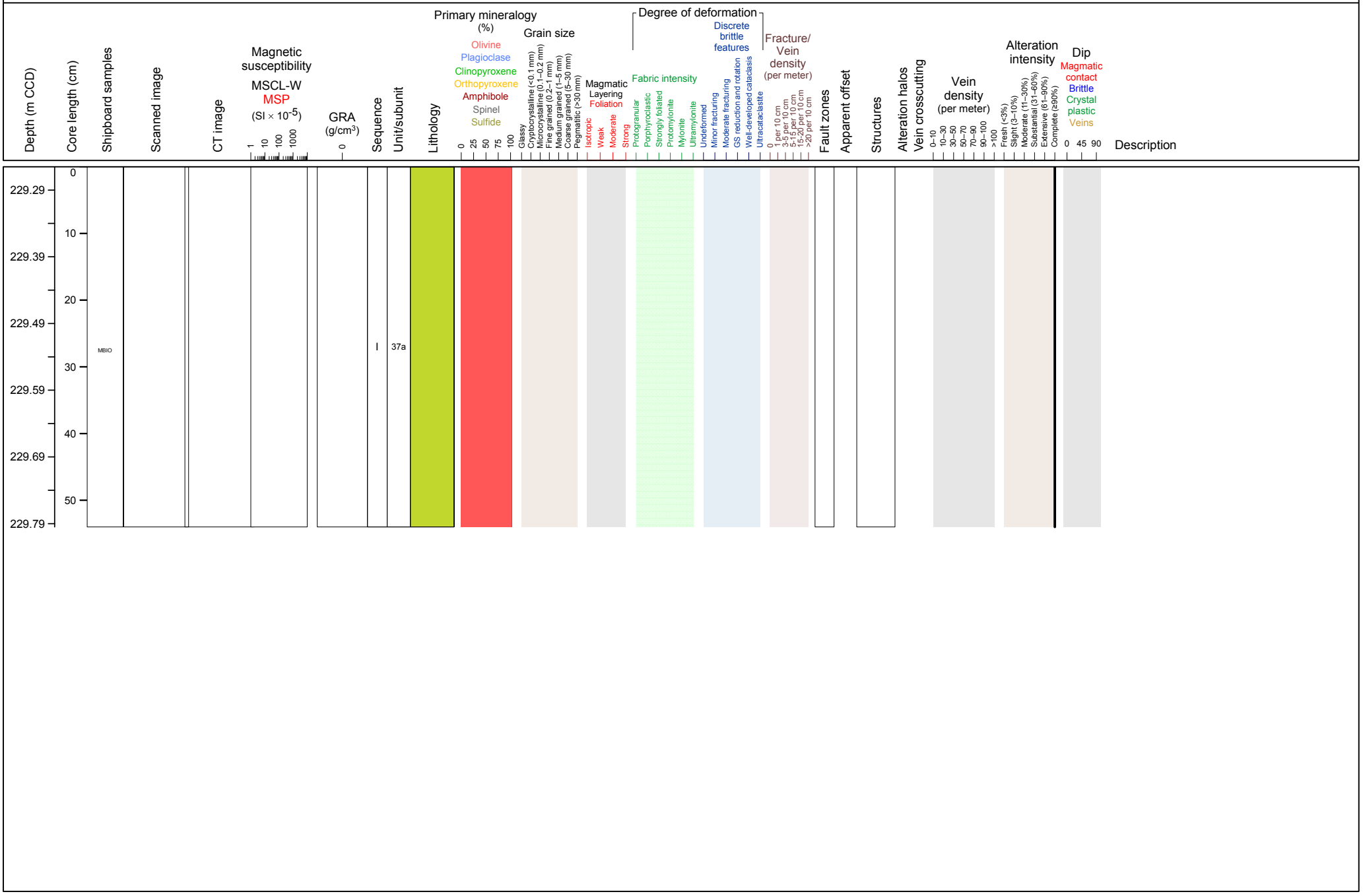


Hole BA4A-85Z Section 2, Top of Section 228.66 (m CCD)

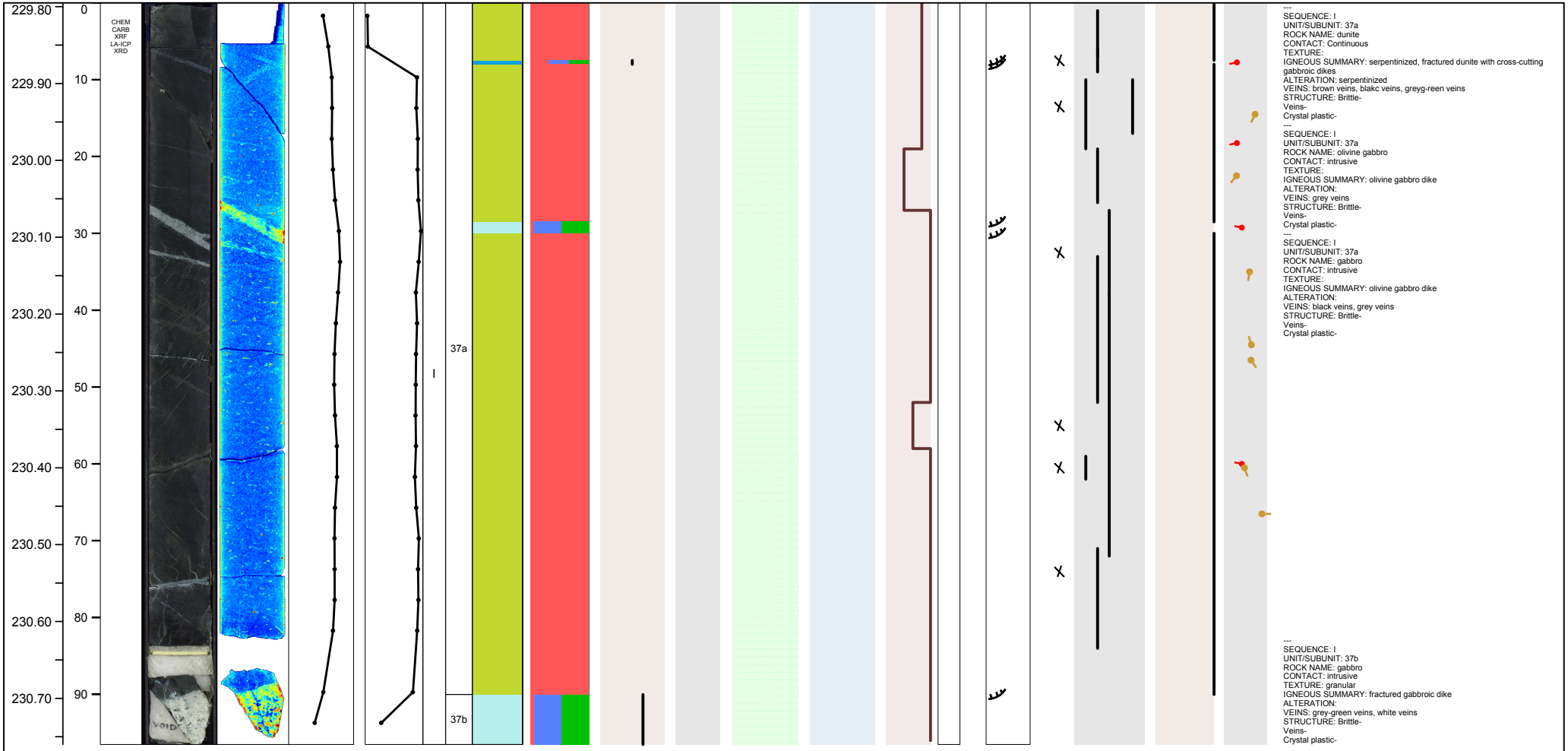


ALL TO MBIO

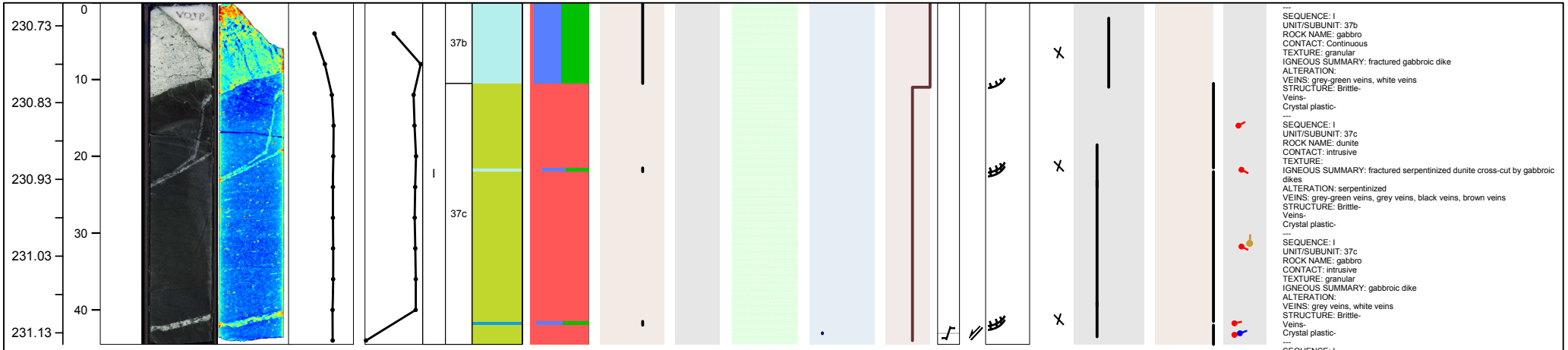
Hole BA4A-85Z Section 3, Top of Section 229.26 (m CCD)



Hole BA4A-85Z Section 4, Top of Section 229.80 (m CCD)



Hole BA4A-86Z Section 1, Top of Section 230.70 (m CCD)



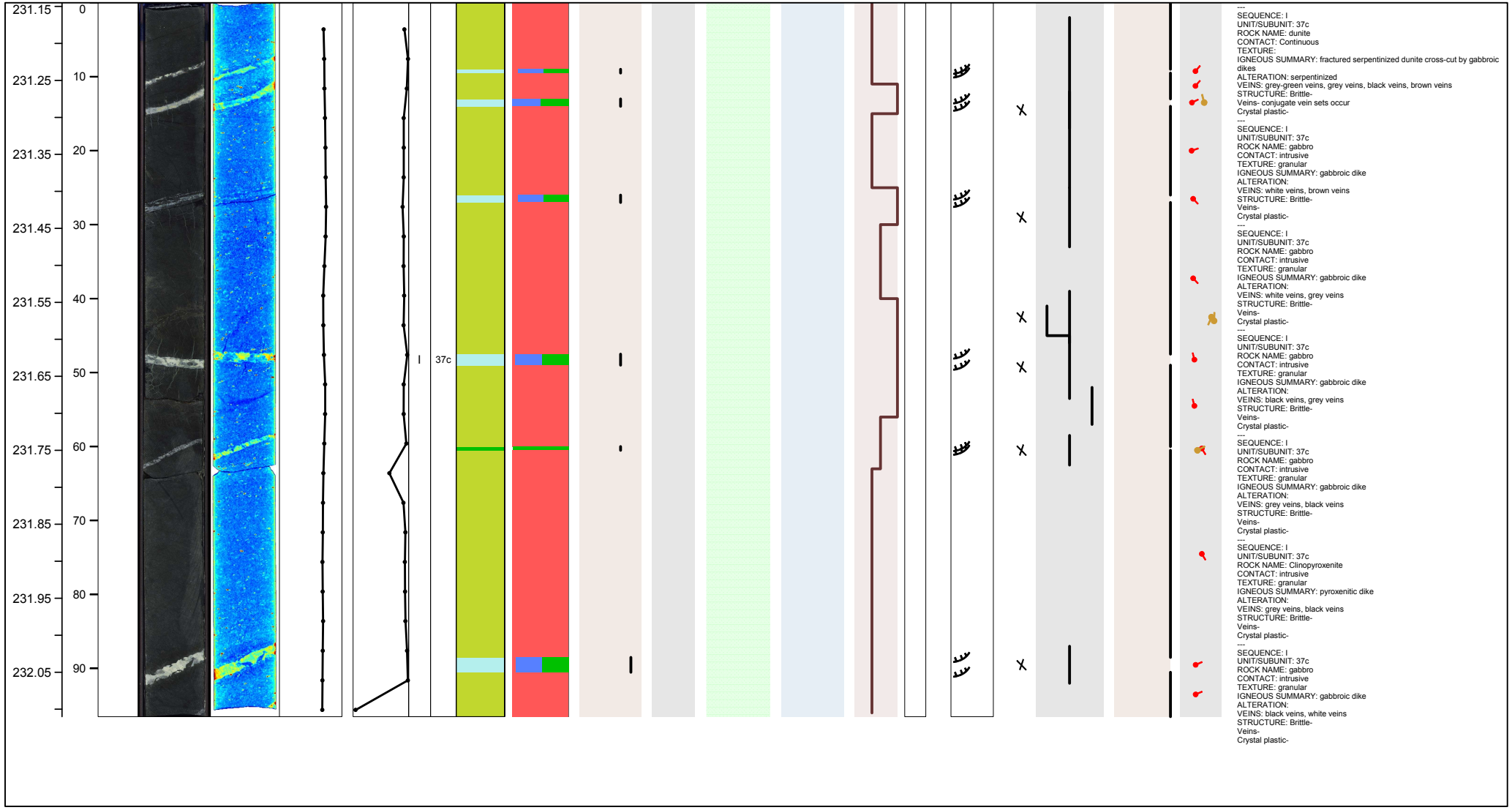
SEQUENCE: I
UNIT/SUBUNIT: 37b
ROCK NAME: gabbro
CONTACT: Continuous
TEXTURE: granular
IGNEOUS SUMMARY: fractured gabbroic dike
ALTERATION:
VEINS: grey-green veins, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 37c
ROCK NAME: dunite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: fractured serpentinized dunite cross-cut by gabbroic dikes
ALTERATION: serpentinized
VEINS: grey-green veins, grey veins, black veins, brown veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 37c
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS: grey veins, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 37c
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS: white veins, brown veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-86Z Section 2, Top of Section 231.15 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 37c
ROCK NAME: dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: fractured serpentinized dunite cross-cut by gabbroic dikes
ALTERATION: serpentinized
VEINS: grey-green veins, grey veins, black veins, brown veins
STRUCTURE: Brittle-
Veins- conjugate vein sets occur
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 37c
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS: white veins, brown veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 37c
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS: white veins, grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

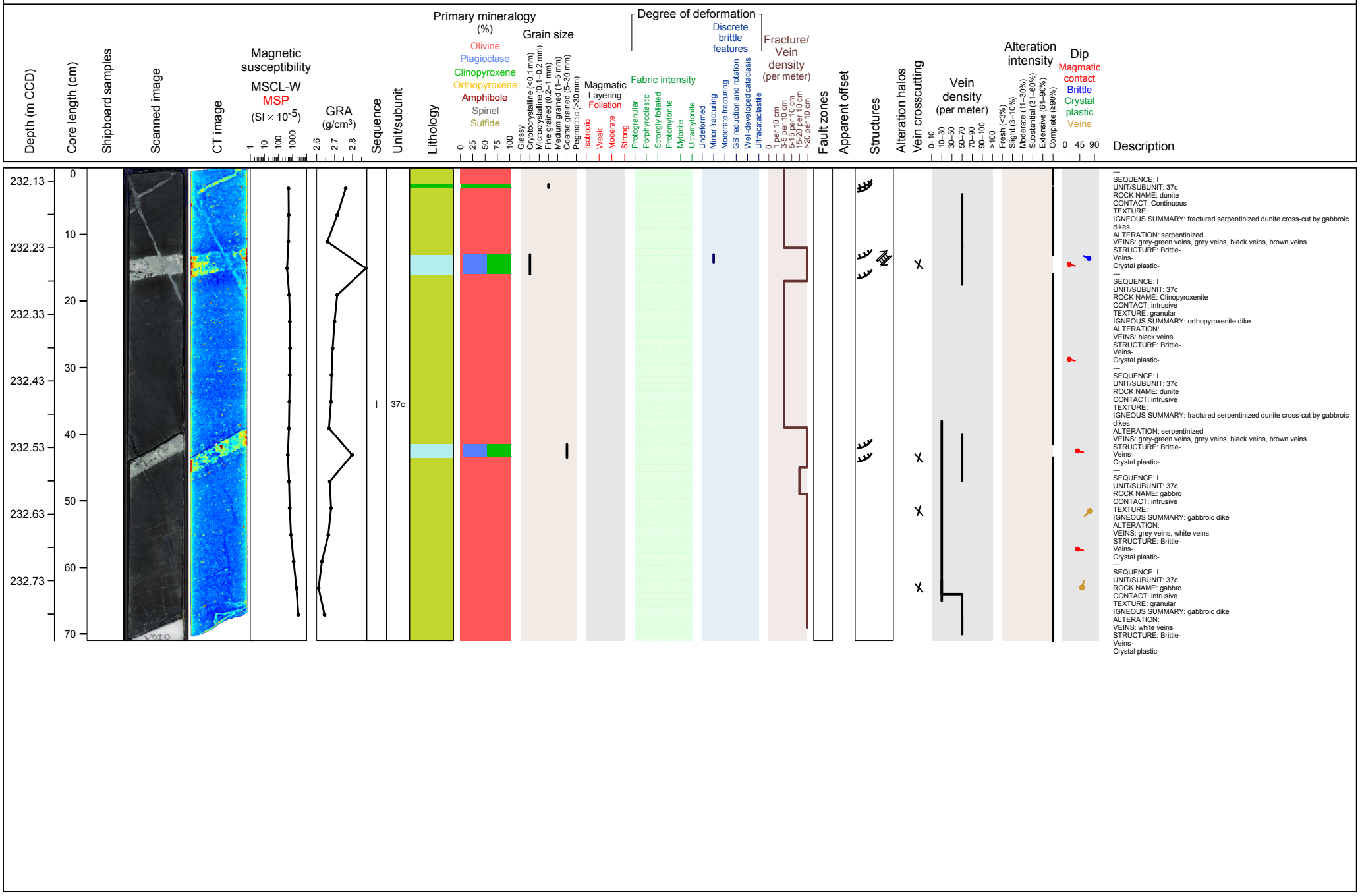
SEQUENCE: I
UNIT/SUBUNIT: 37c
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS: black veins, grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 37c
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS: grey veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 37c
ROCK NAME: Clinopyroxenite
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: pyroxenitic dike
ALTERATION:
VEINS: grey veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 37c
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS: black veins, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-86Z Section 3, Top of Section 232.11 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 37c
ROCK NAME: dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: fractured serpentinized dunite cross-cut by gabbroic dikes
ALTERATION: serpentinized
VEINS: grey-green veins, grey veins, black veins, brown veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

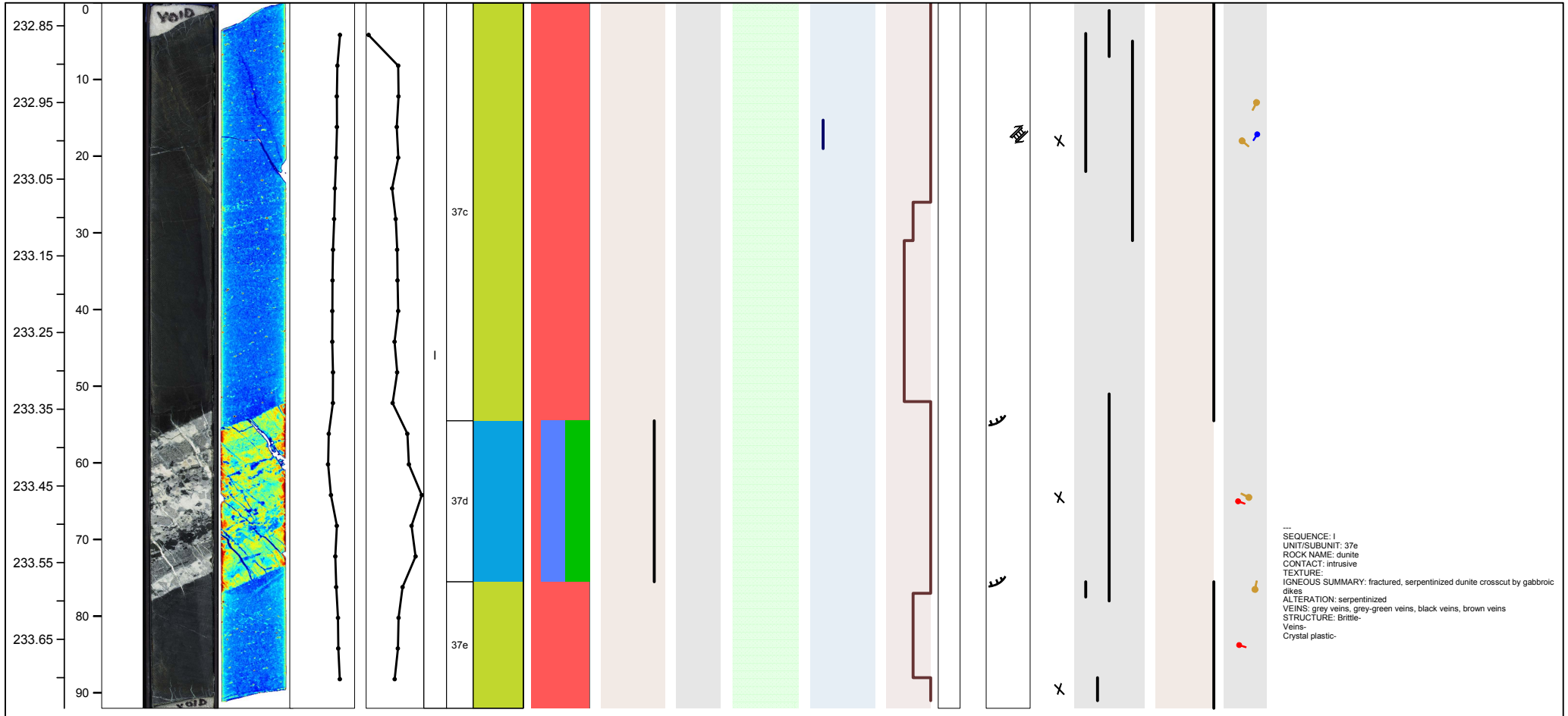
SEQUENCE: I
UNIT/SUBUNIT: 37c
ROCK NAME: Clinopyroxenite
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: orthopyroxenite dike
ALTERATION:
VEINS: black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 37c
ROCK NAME: dunite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: fractured serpentinized dunite cross-cut by gabbroic dikes
ALTERATION: serpentinized
VEINS: grey-green veins, grey veins, black veins, brown veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

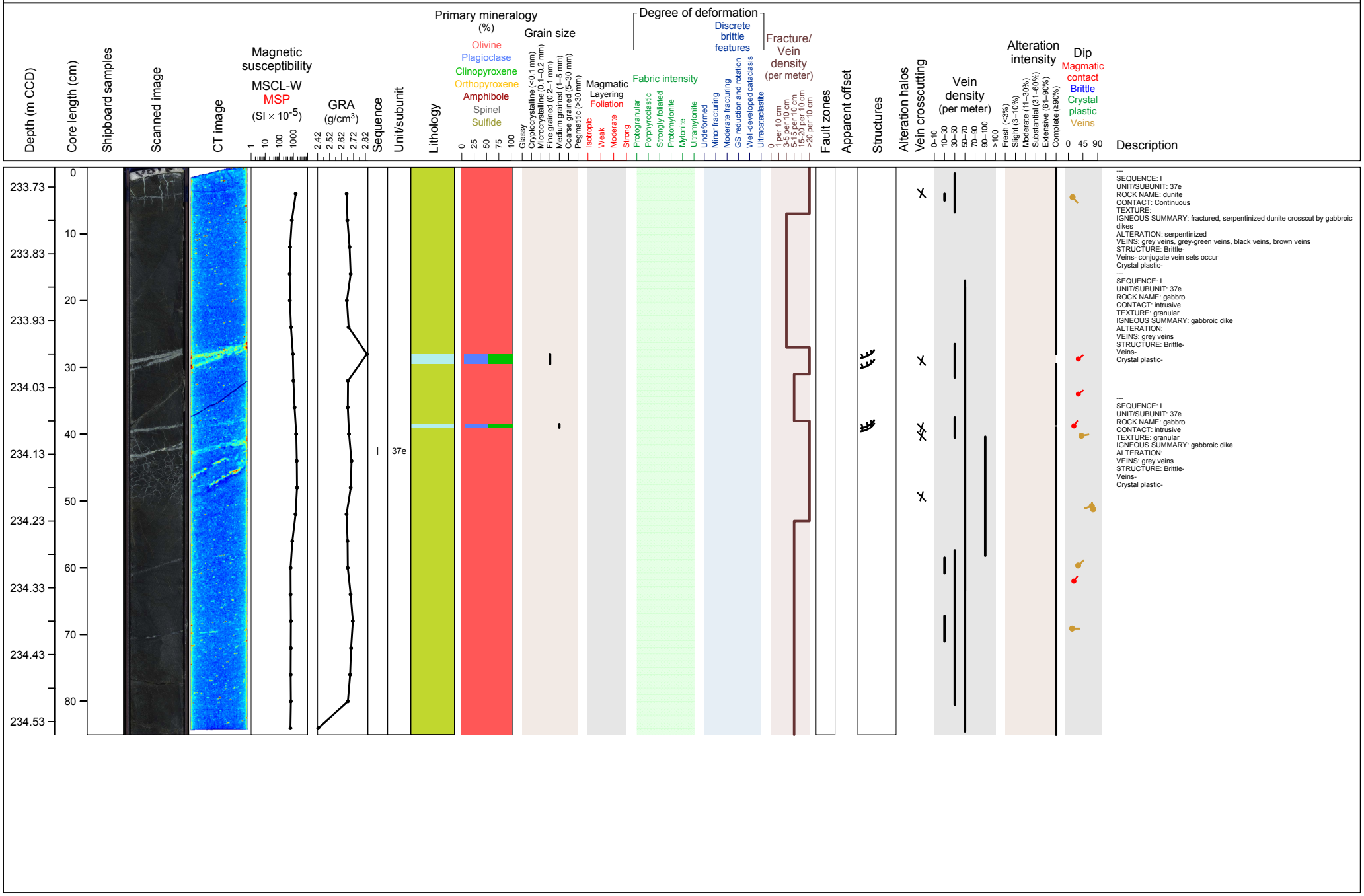
SEQUENCE: I
UNIT/SUBUNIT: 37c
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS: grey veins, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 37c
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS: white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

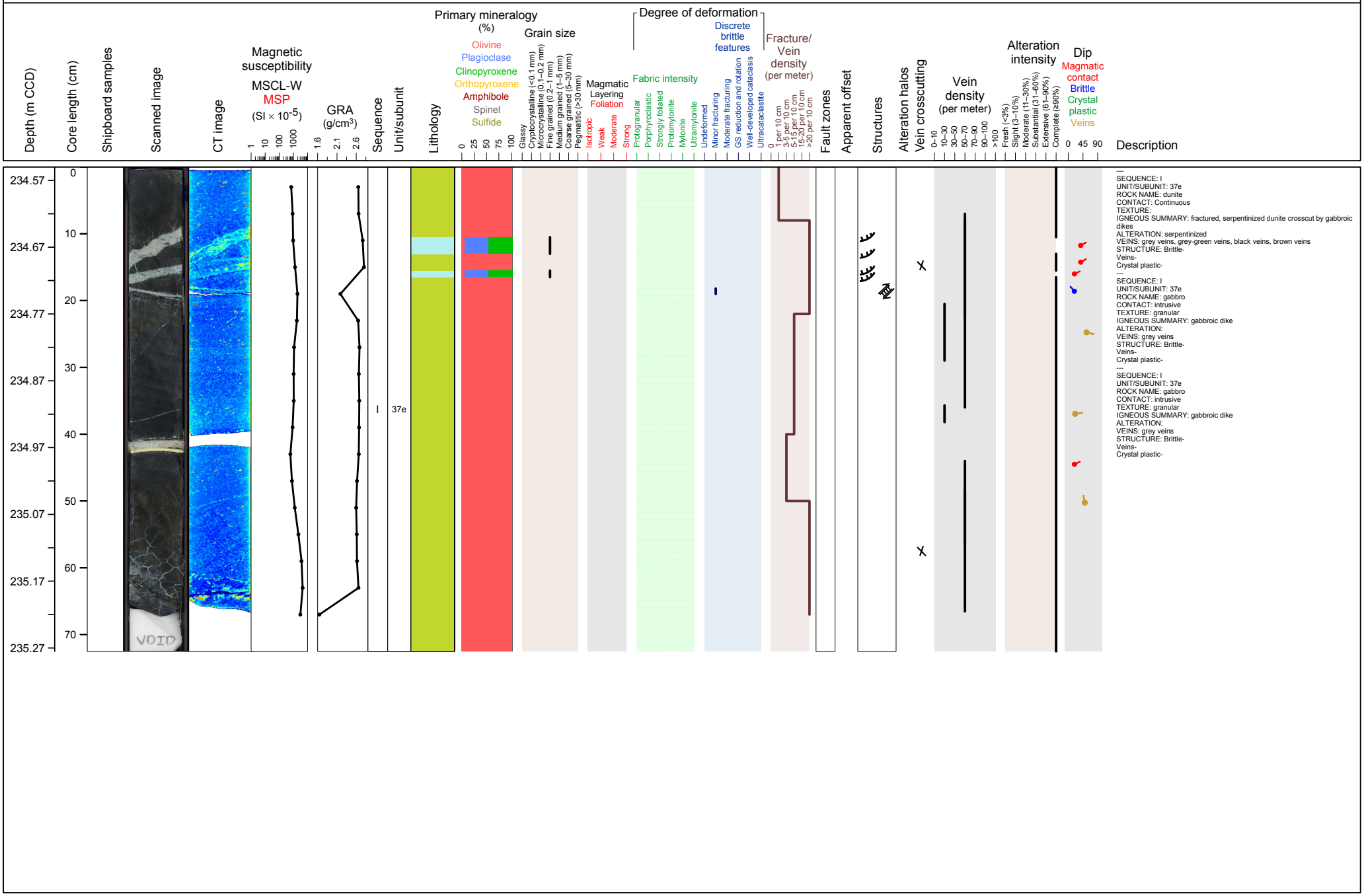
Hole BA4A-86Z Section 4, Top of Section 232.82 (m CCD)



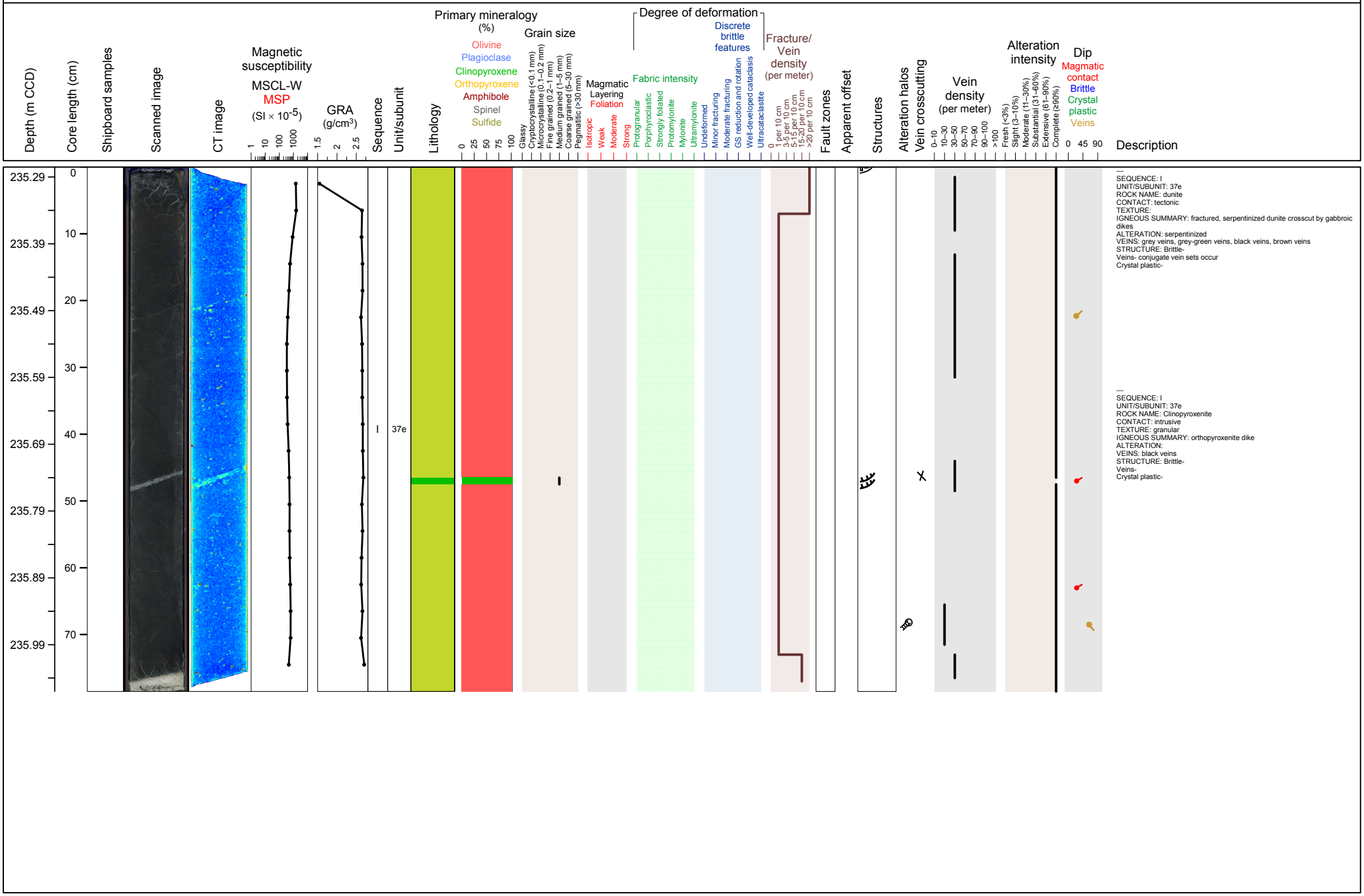
Hole BA4A-87Z Section 1, Top of Section 233.70 (m CCD)



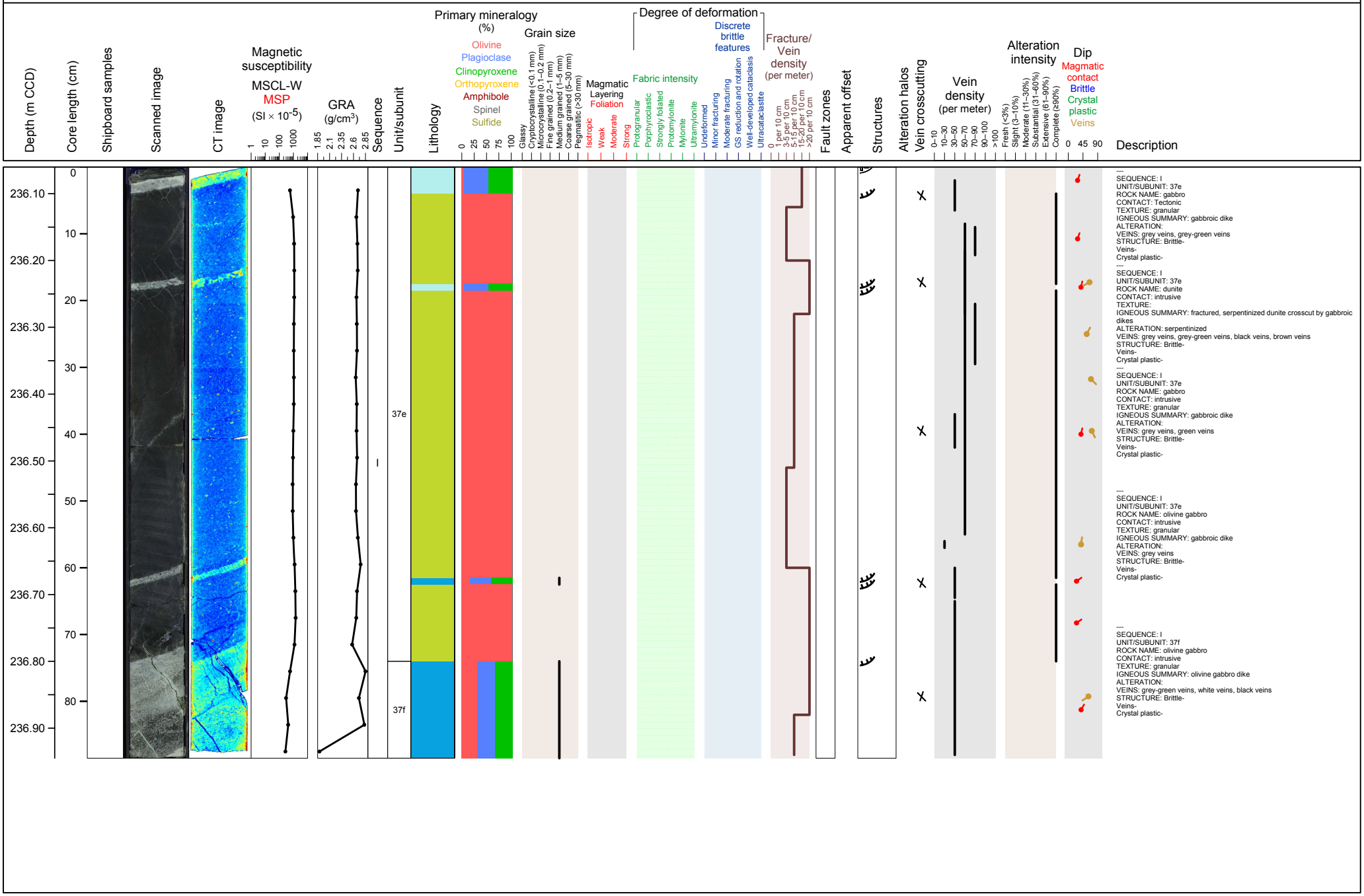
Hole BA4A-87Z Section 2, Top of Section 234.55 (m CCD)



Hole BA4A-87Z Section 3, Top of Section 235.28 (m CCD)



Hole BA4A-87Z Section 4, Top of Section 236.06 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 37e
ROCK NAME: gabbro
CONTACT: Tectonic
TEXTURE: granular
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS: grey veins, grey-green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

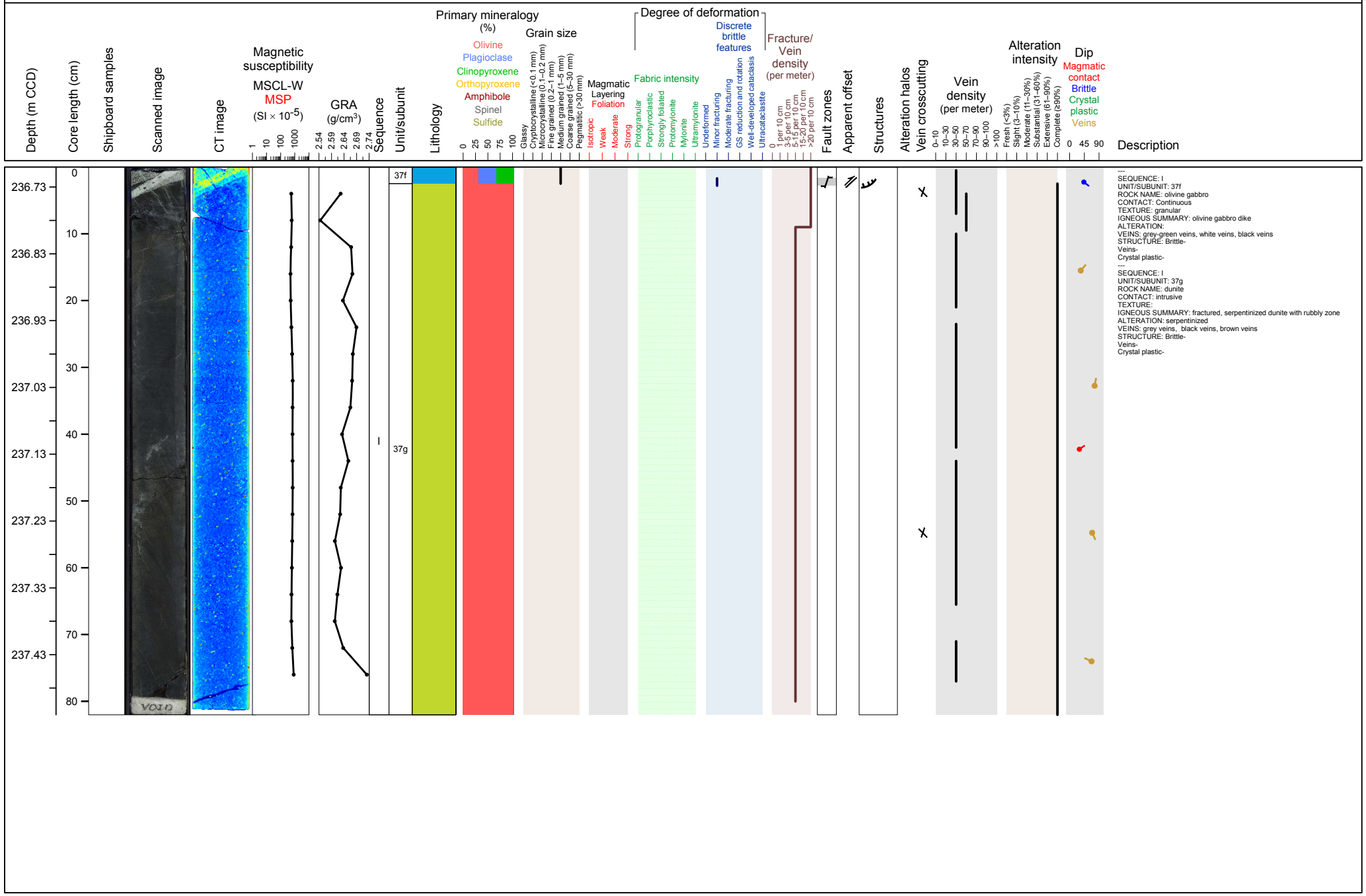
SEQUENCE: I
UNIT/SUBUNIT: 37e
ROCK NAME: dunite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: fractured, serpentinized dunite crosscut by gabbroic dikes
ALTERATION: serpentinized
VEINS: grey veins, grey-green veins, black veins, brown veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 37e
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS: grey veins, green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

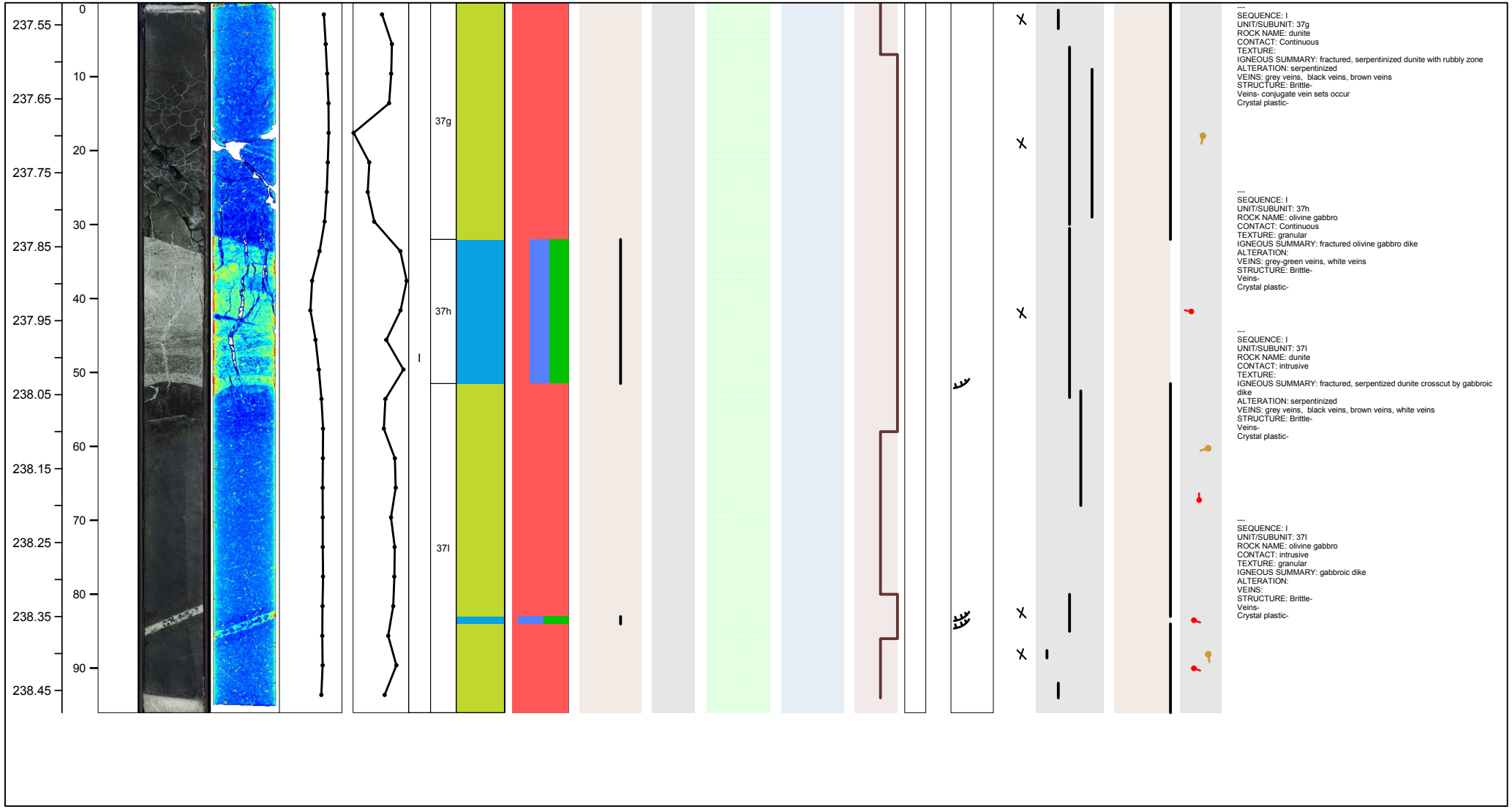
SEQUENCE: I
UNIT/SUBUNIT: 37e
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS: grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 37f
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: olivine gabbro dike
ALTERATION:
VEINS: grey-green veins, white veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-88Z Section 1, Top of Section 236.70 (m CCD)



Hole BA4A-88Z Section 2, Top of Section 237.52 (m CCD)



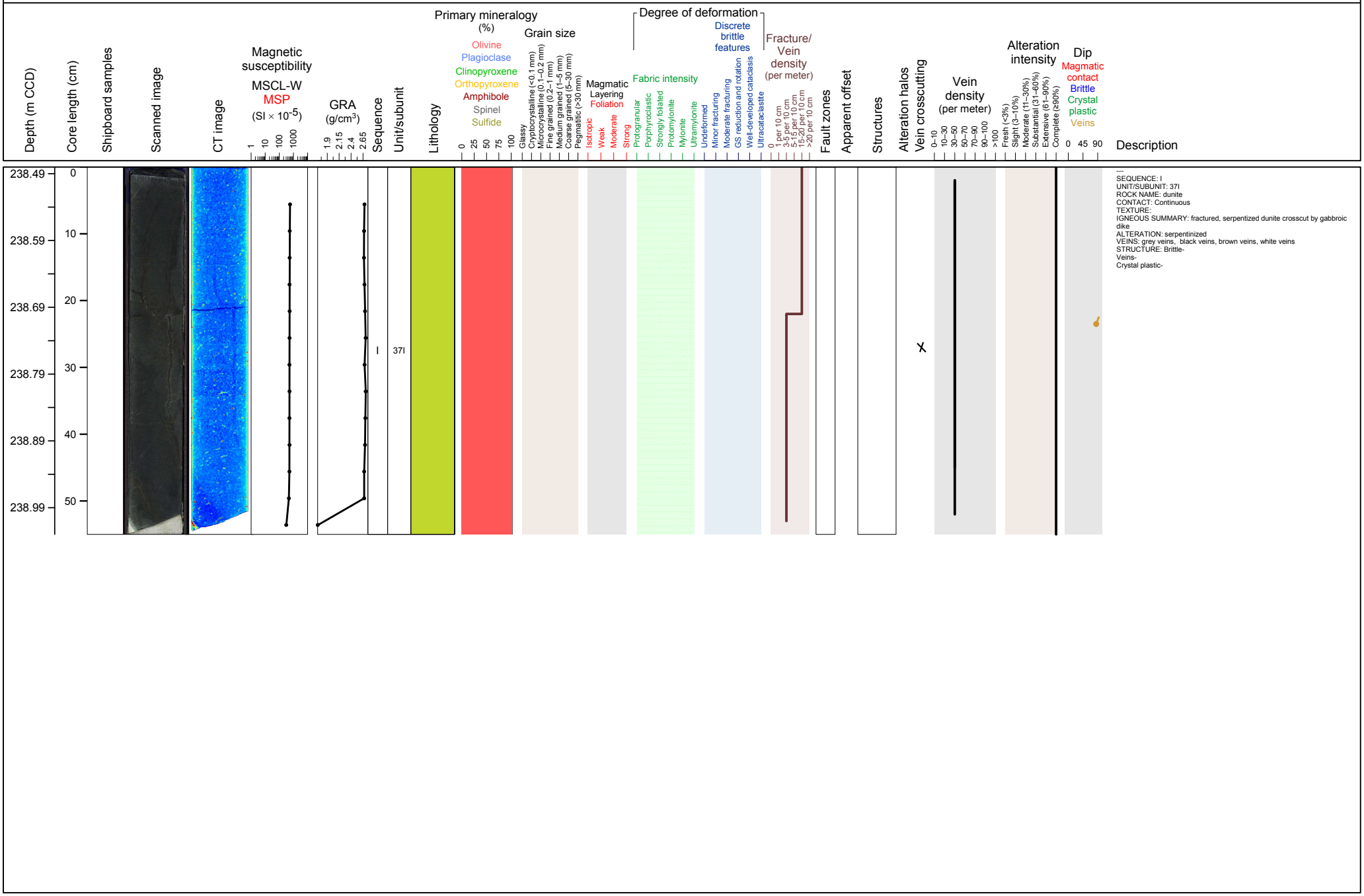
SEQUENCE: I
UNIT/SUBUNIT: 37g
ROCK NAME: dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: fractured, serpentinized dunite with rubbly zone
ALTERATION: serpentinized
VEINS: grey veins, black veins, brown veins
STRUCTURE: Brittle-
Veins- conjugate vein sets occur
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 37h
ROCK NAME: olivine gabbro
CONTACT: Continuous
TEXTURE: granular
IGNEOUS SUMMARY: fractured olivine gabbro dike
ALTERATION:
VEINS: grey-green veins, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

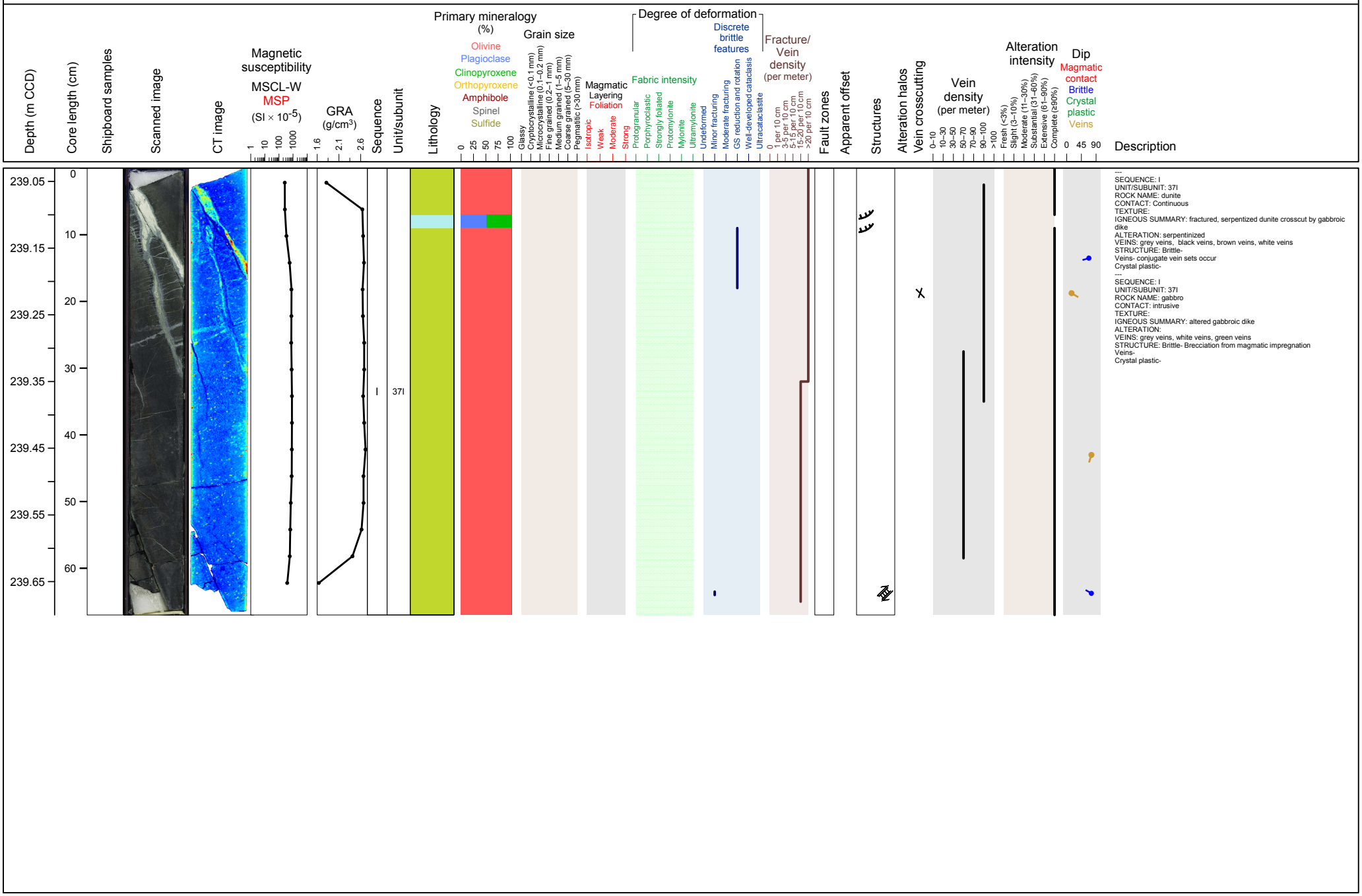
SEQUENCE: I
UNIT/SUBUNIT: 37l
ROCK NAME: dunite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: fractured, serpentized dunite crosscut by gabbroic dike
ALTERATION: serpentinized
VEINS: grey veins, black veins, brown veins, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 37l
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS:
STRUCTURE: Brittle-
Veins-
Crystal plastic-

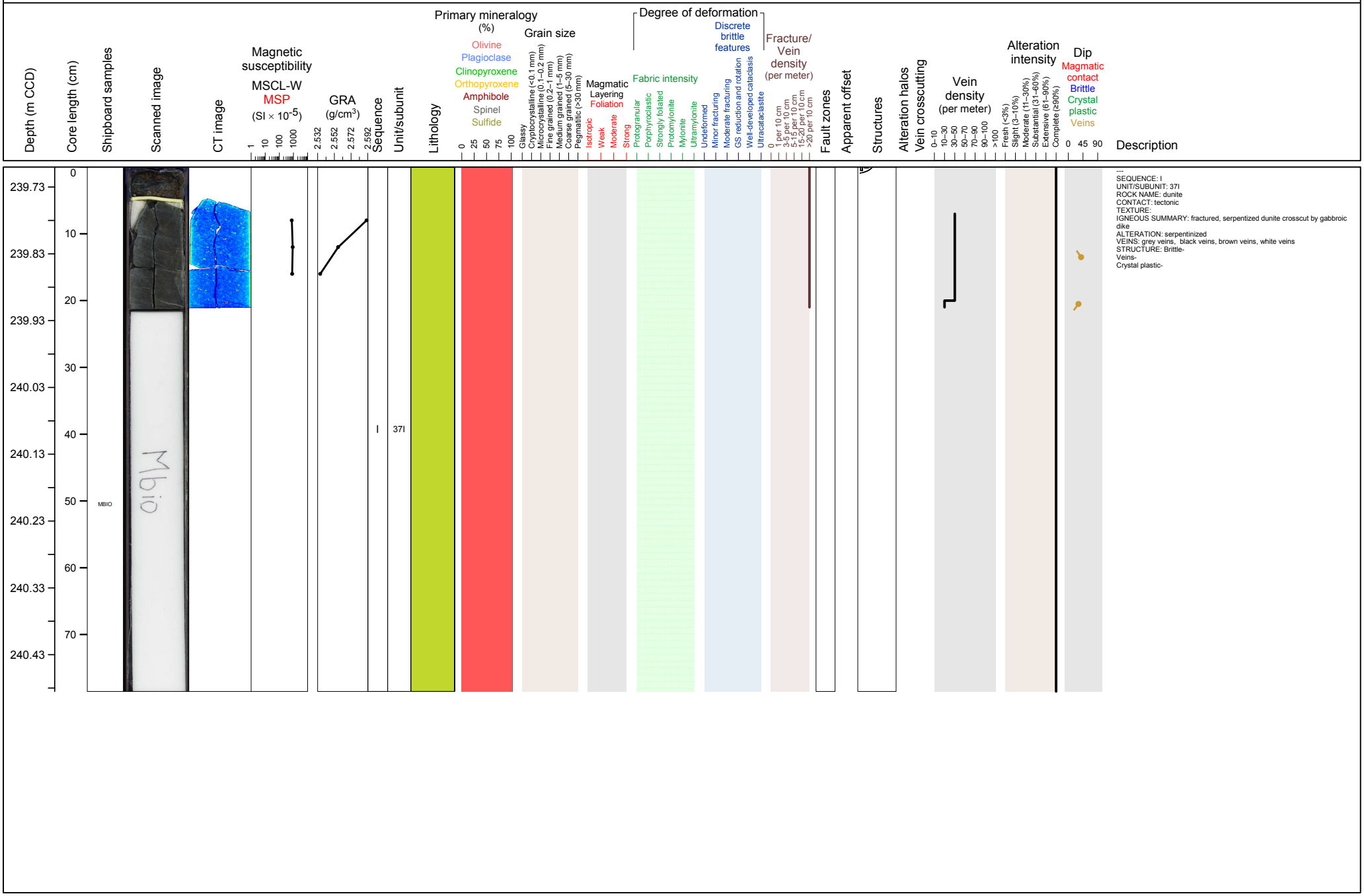
Hole BA4A-88Z Section 3, Top of Section 238.48 (m CCD)



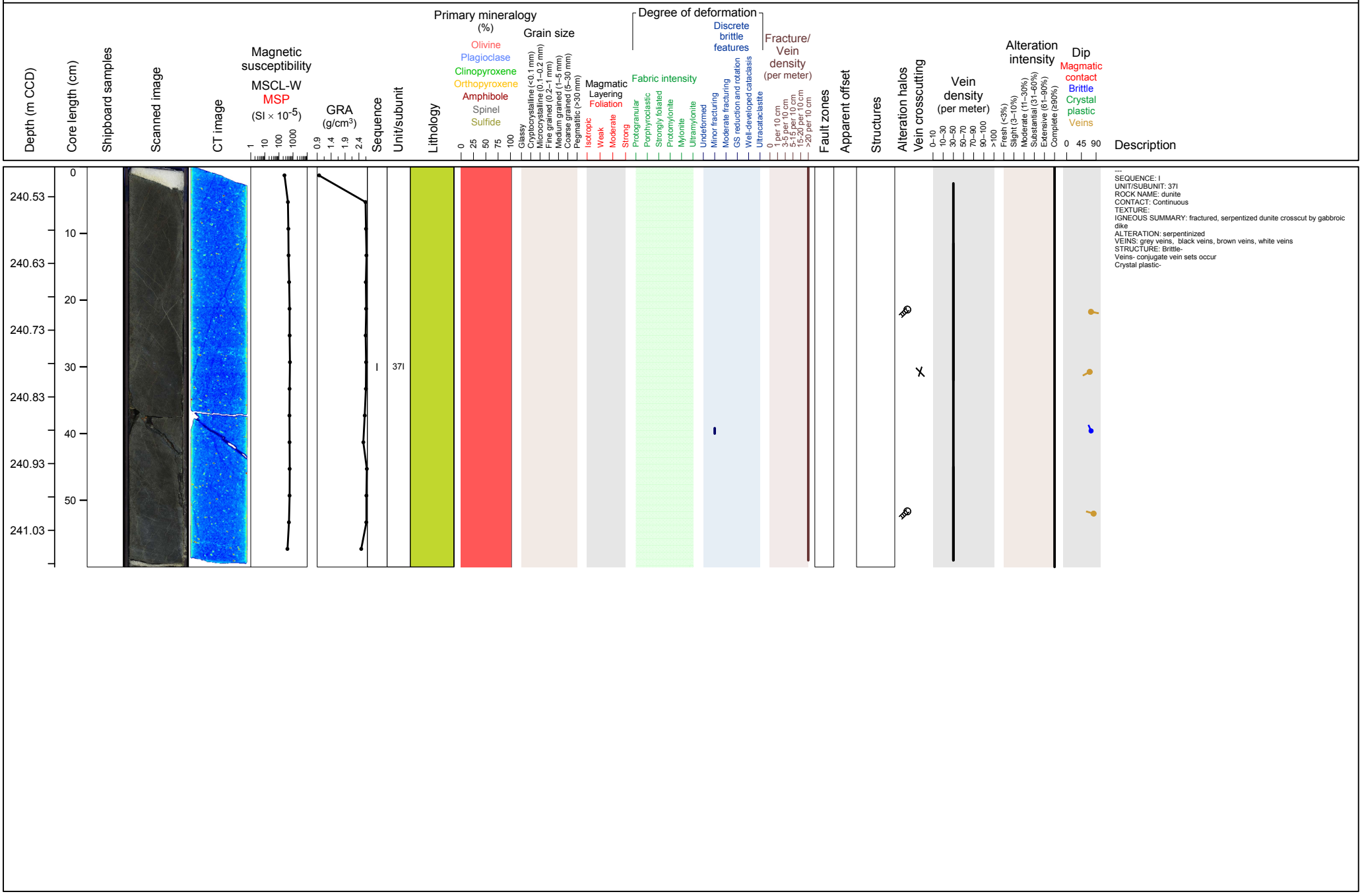
Hole BA4A-88Z Section 4, Top of Section 239.03 (m CCD)



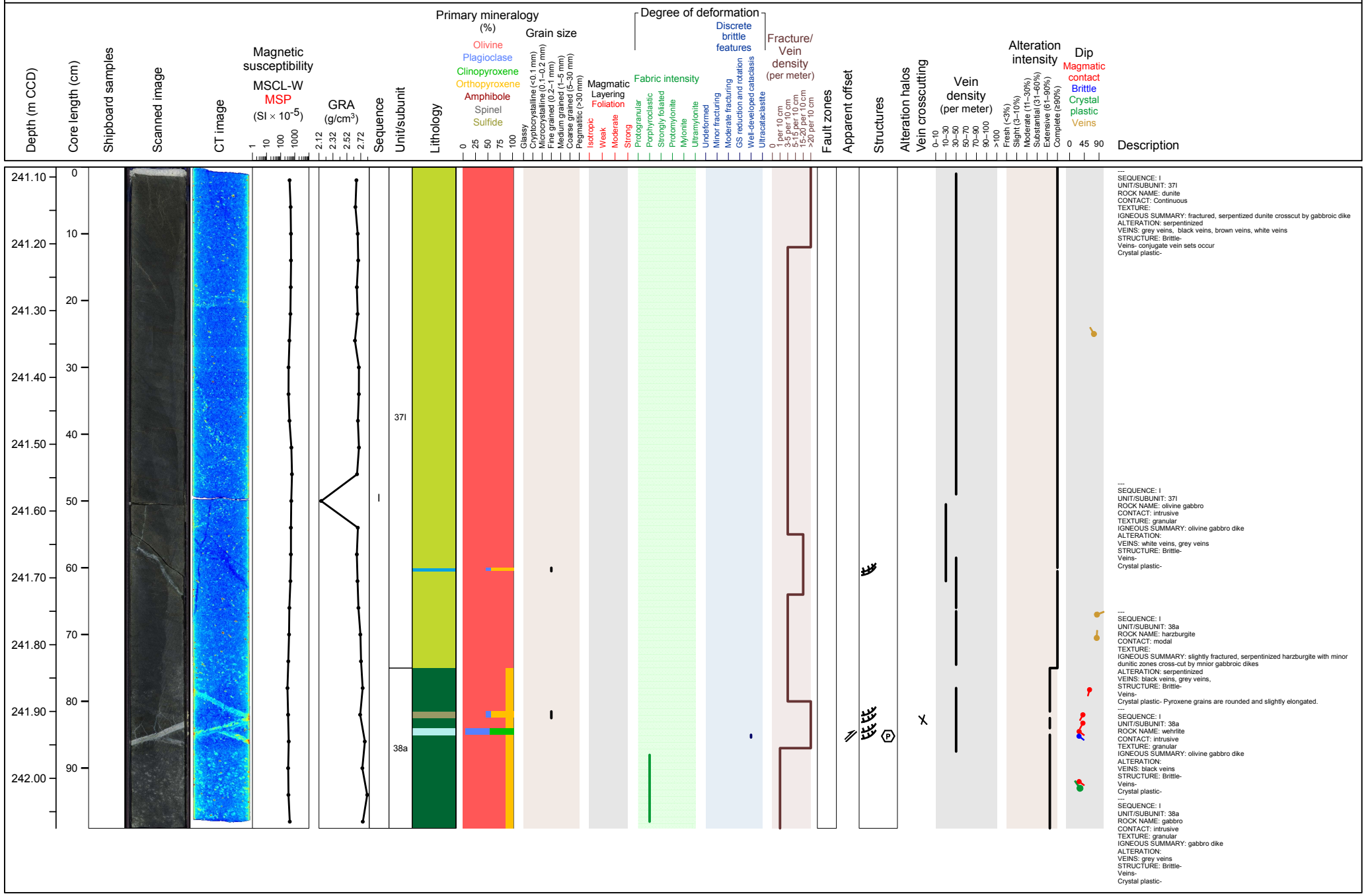
Hole BA4A-89Z Section 1, Top of Section 239.70 (m CCD)



Hole BA4A-89Z Section 2, Top of Section 240.49 (m CCD)



Hole BA4A-89Z Section 3, Top of Section 241.09 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 37I
ROCK NAME: dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: fractured, serpentized dunite crosscut by gabbroic dike
ALTERATION: serpentinized
VEINS: grey veins, black veins, brown veins, white veins
STRUCTURE: Brittle-
Veins- conjugate vein sets occur
Crystal plastic-

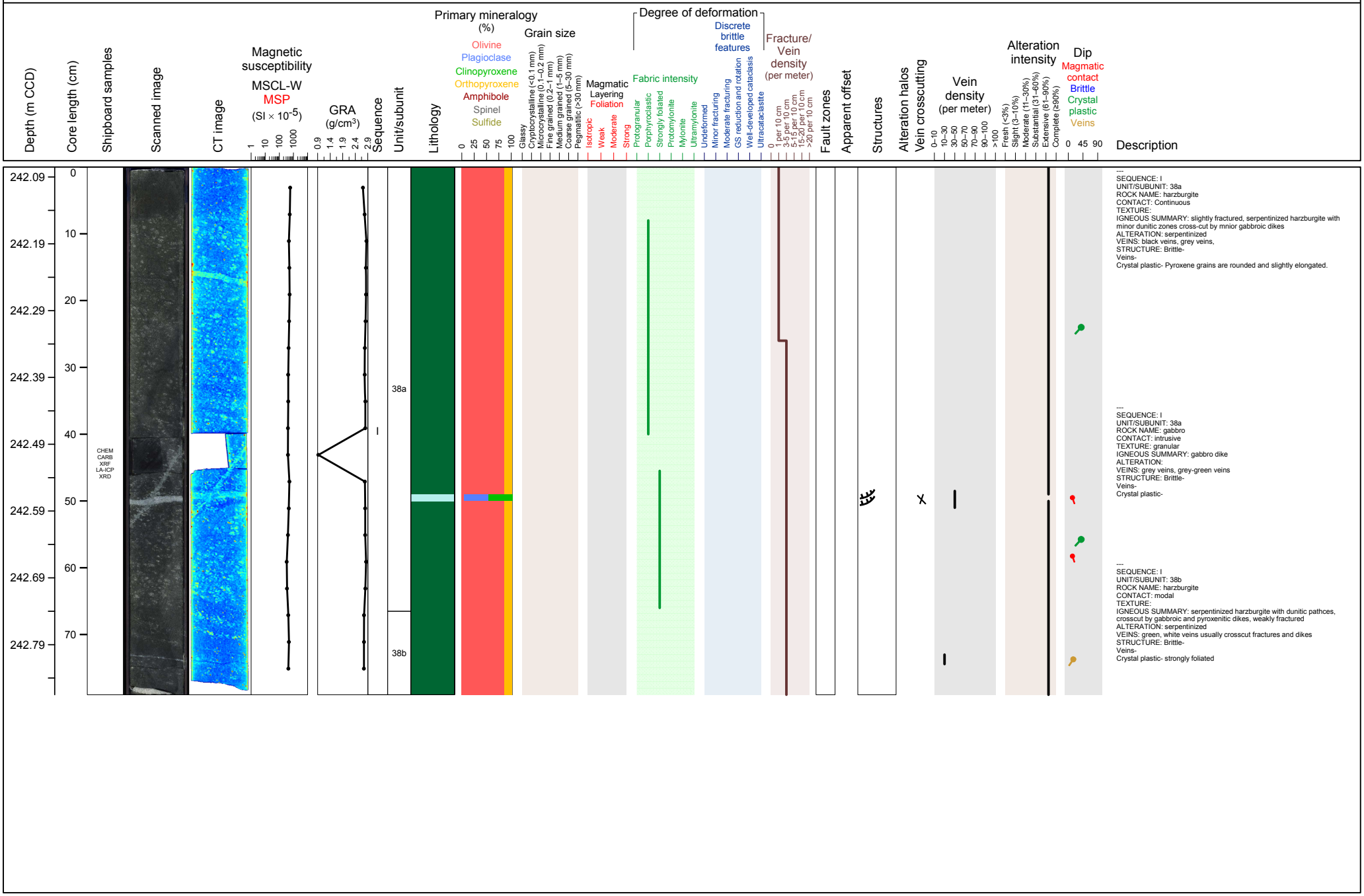
SEQUENCE: I
UNIT/SUBUNIT: 37I
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: olivine gabbro dike
ALTERATION:
VEINS: white veins, grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 38a
ROCK NAME: harzburgite
CONTACT: modal
TEXTURE:
IGNEOUS SUMMARY: slightly fractured, serpentinized harzburgite with minor dunitic zones cross-cut by mnior gabbroic dikes
ALTERATION: serpentinized
VEINS: black veins, grey veins,
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 38a
ROCK NAME: wehrlite
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: olivine gabbro dike
ALTERATION:
VEINS: black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 38a
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: gabbro dike
ALTERATION:
VEINS: grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-89Z Section 4, Top of Section 242.08 (m CCD)

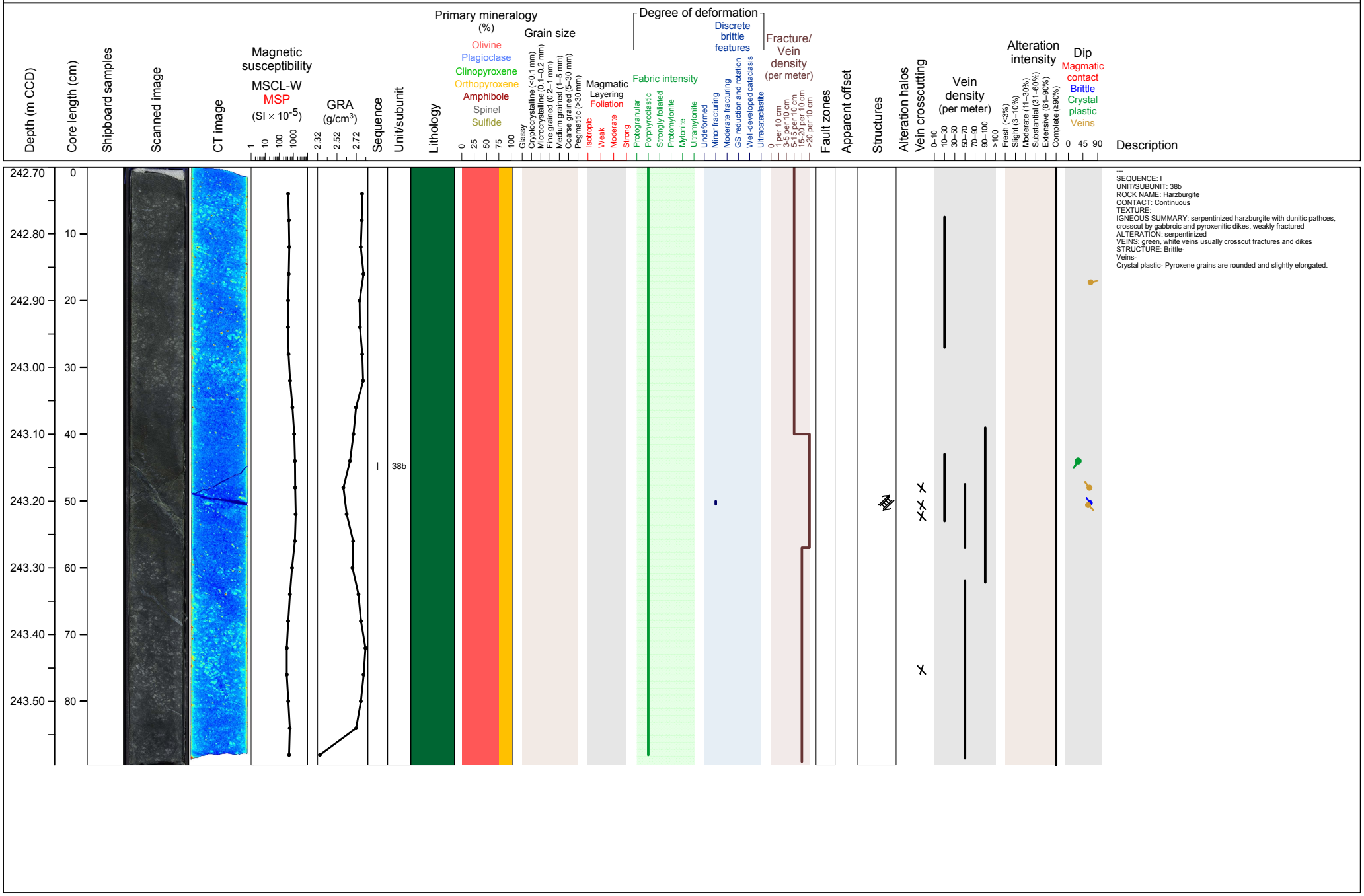


SEQUENCE: I
UNIT/SUBUNIT: 38a
ROCK NAME: harzburgite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: slightly fractured, serpentinized harzburgite with minor dunitic zones cross-cut by mnior gabbroic dikes
ALTERATION: serpentinized
VEINS: black veins, grey veins,
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

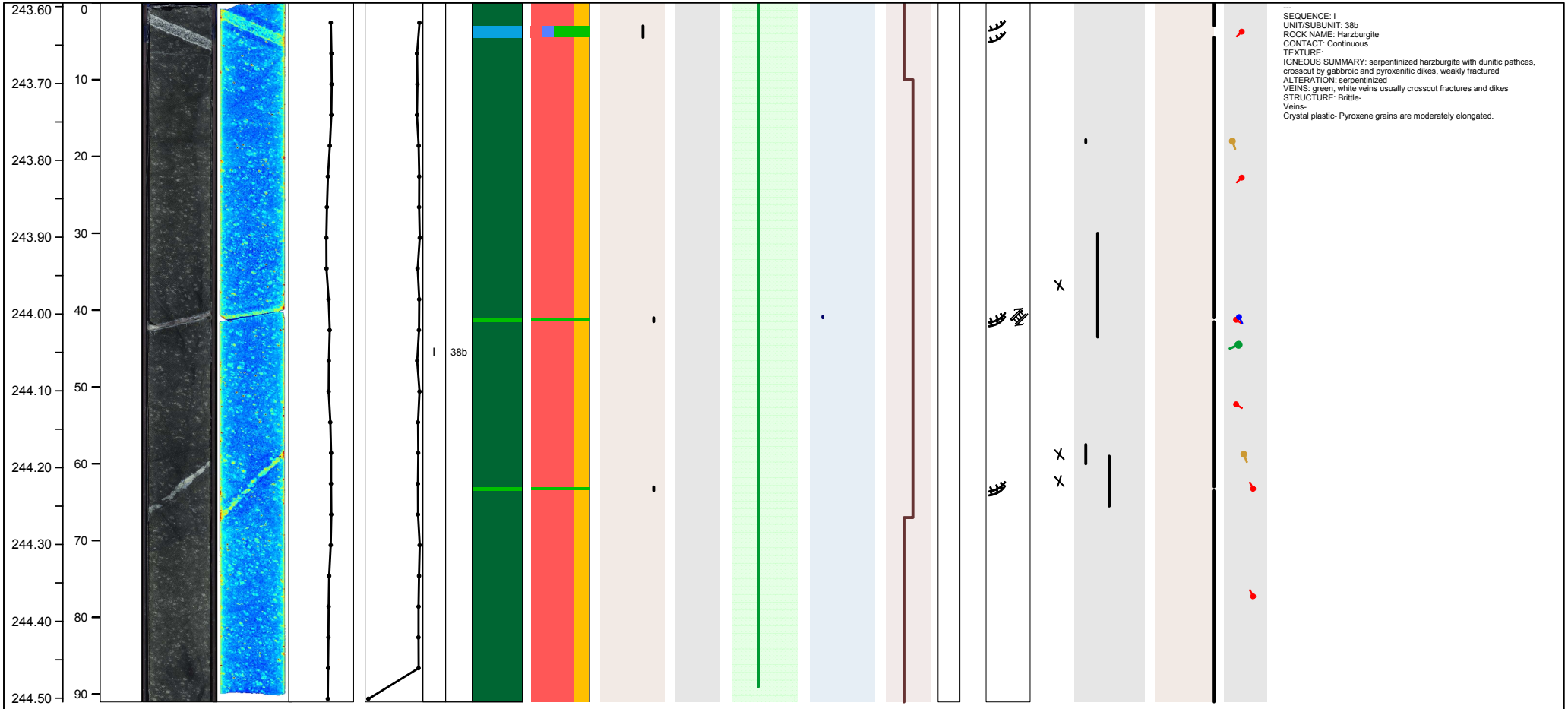
SEQUENCE: I
UNIT/SUBUNIT: 38a
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: gabbro dike
ALTERATION:
VEINS: grey veins, grey-green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 38b
ROCK NAME: harzburgite
CONTACT: modal
TEXTURE:
IGNEOUS SUMMARY: serpentinized harzburgite with dunitic pathces, crosscut by gabbroic and pyroxenitic dikes, weakly fractured
ALTERATION: serpentinized
VEINS: green, white veins usually crosscut fractures and dikes
STRUCTURE: Brittle-
Veins-
Crystal plastic- strongly foliated

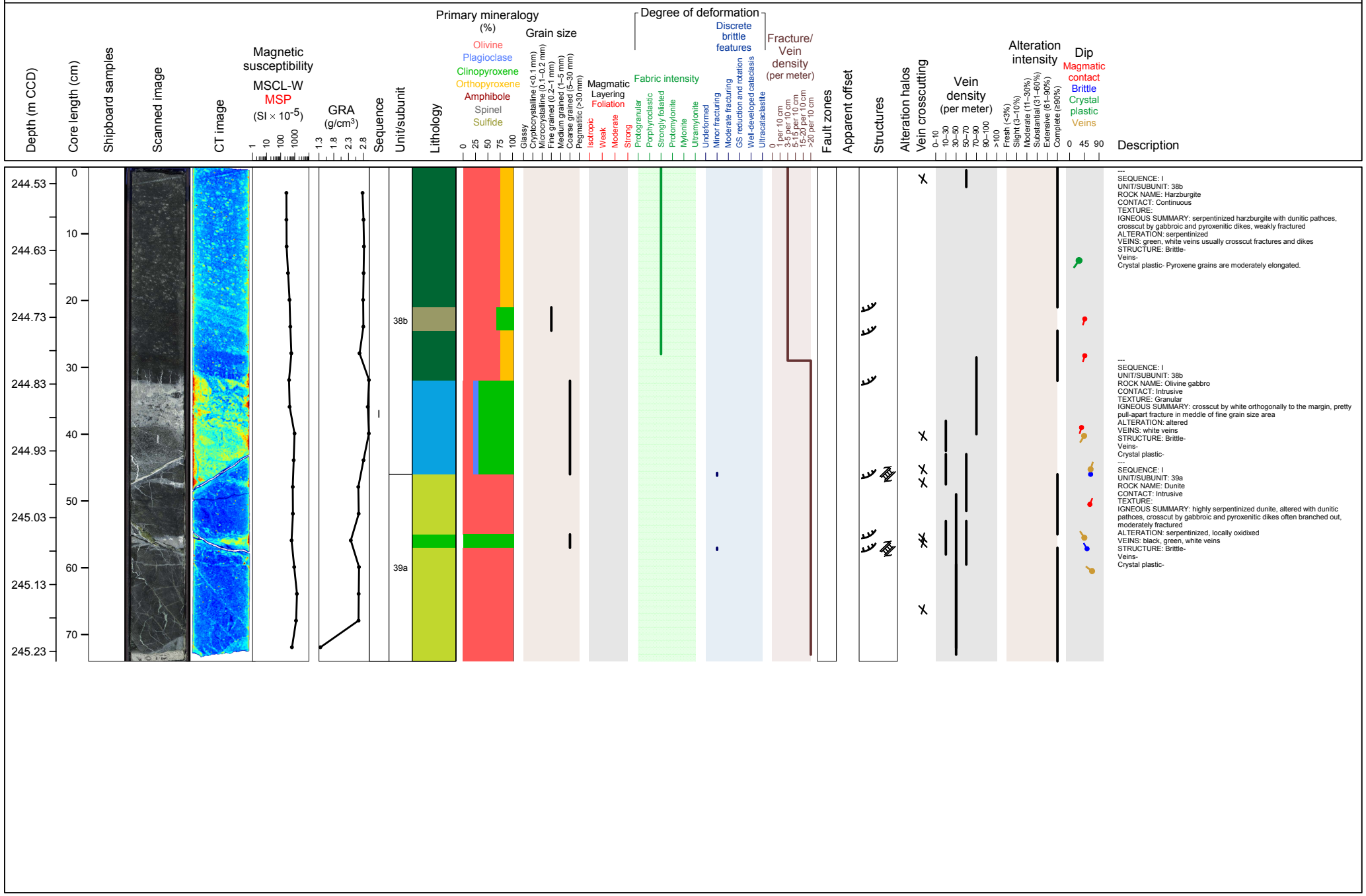
Hole BA4A-90Z Section 1, Top of Section 242.70 (m CCD)



Hole BA4A-90Z Section 2, Top of Section 243.60 (m CCD)



Hole BA4A-90Z Section 3, Top of Section 244.51 (m CCD)

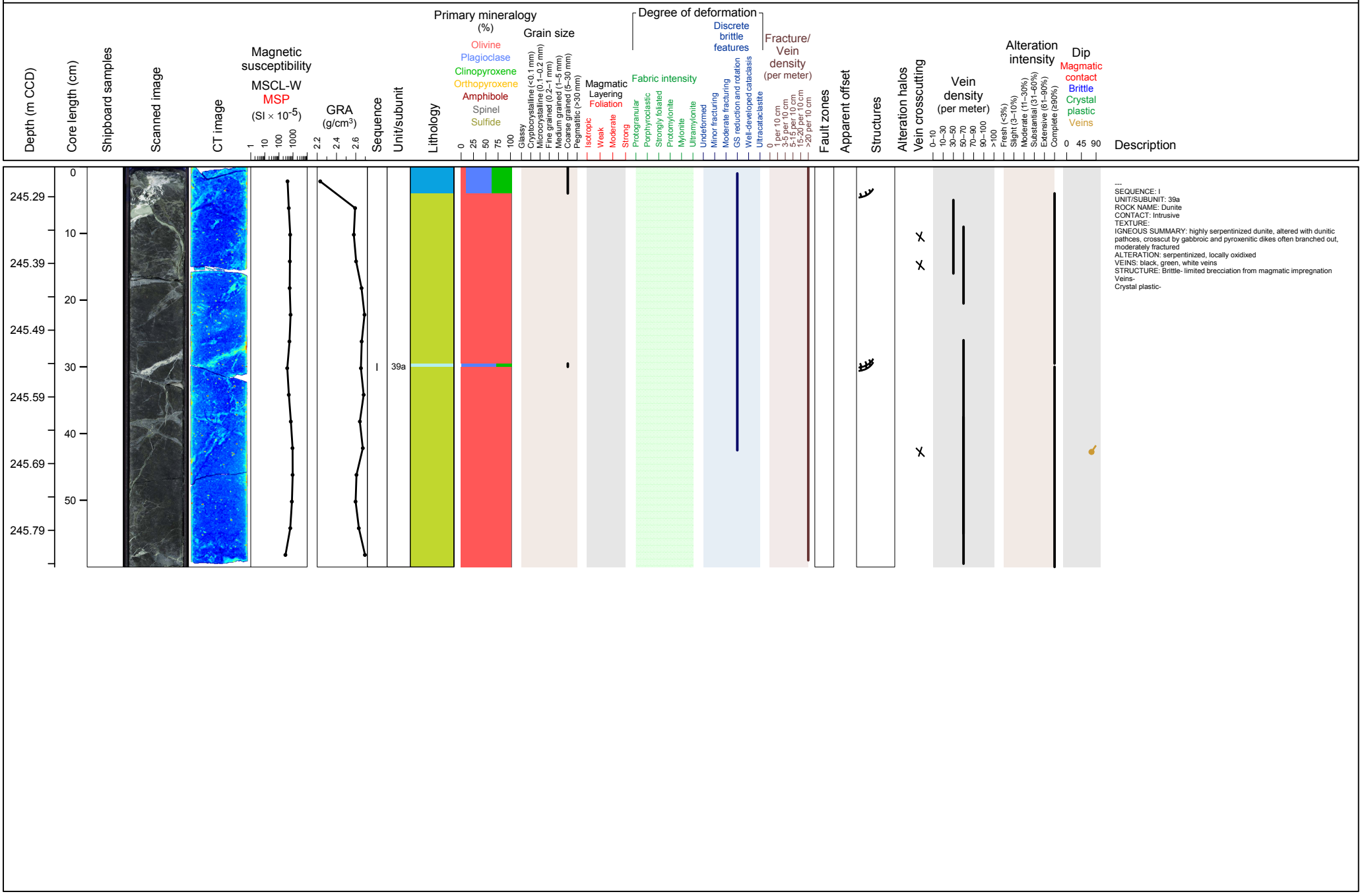


SEQUENCE: I
UNIT/SUBUNIT: 38b
ROCK NAME: Harzburgite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized harzburgite with dunitic pathces, crosscut by gabbroic and pyroxenitic dikes, weakly fractured
ALTERATION: serpentinized
VEINS: green, white veins usually crosscut fractures and dikes
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are moderately elongated.

SEQUENCE: I
UNIT/SUBUNIT: 38b
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: crosscut by white orthogonally to the margin, pretty pull-apart fracture in meddle of fine grain size area
ALTERATION: altered
VEINS: white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

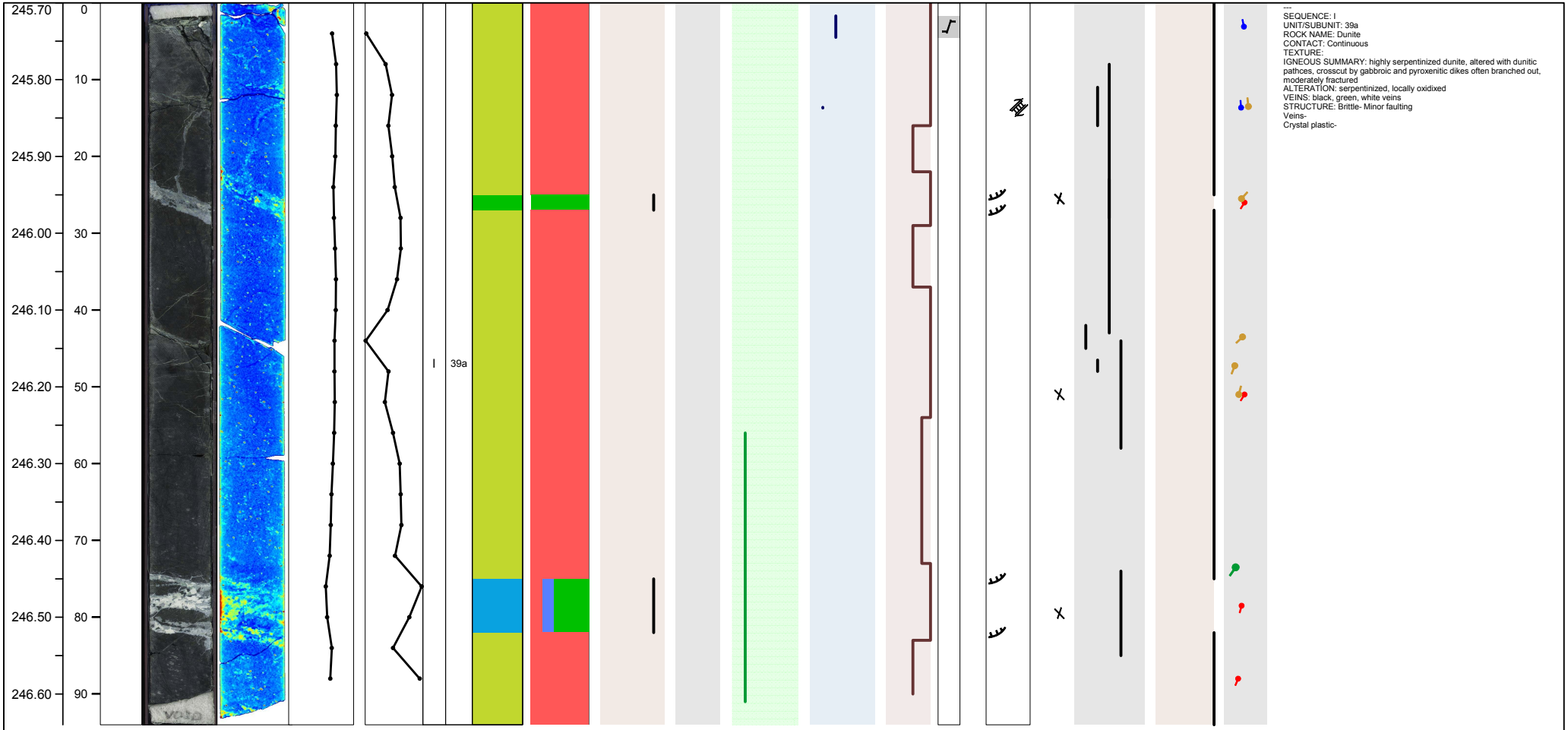
SEQUENCE: I
UNIT/SUBUNIT: 39a
ROCK NAME: Dunite
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: highly serpentinized dunite, altered with dunitic pathces, crosscut by gabbroic and pyroxenitic dikes often branched out, moderately fractured
ALTERATION: serpentinized, locally oxidixed
VEINS: black, green, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-90Z Section 4, Top of Section 245.25 (m CCD)

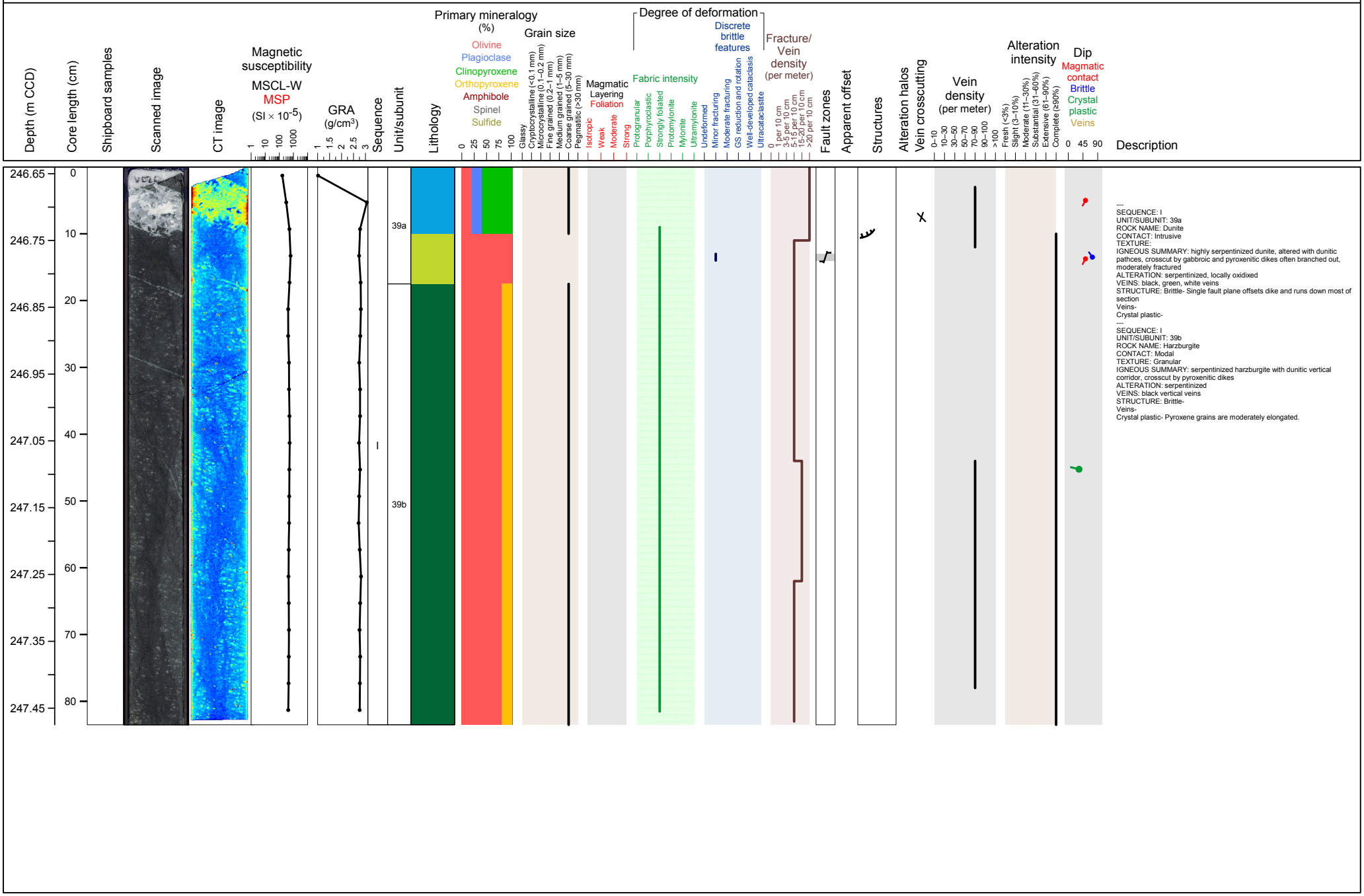


SEQUENCE: I
UNIT/SUBUNIT: 39a
ROCK NAME: Dunite
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: highly serpentinized dunite, altered with dunitic pathces, crosscut by gabbroic and pyroxenitic dikes often branched out, moderately fractured
ALTERATION: serpentinized, locally oxidixed
VEINS: black, green, white veins
STRUCTURE: Brittle- limited brecciation from magmatic impregnation
Veins-
Crystal plastic-

Hole BA4A-91Z Section 1, Top of Section 245.70 (m CCD)



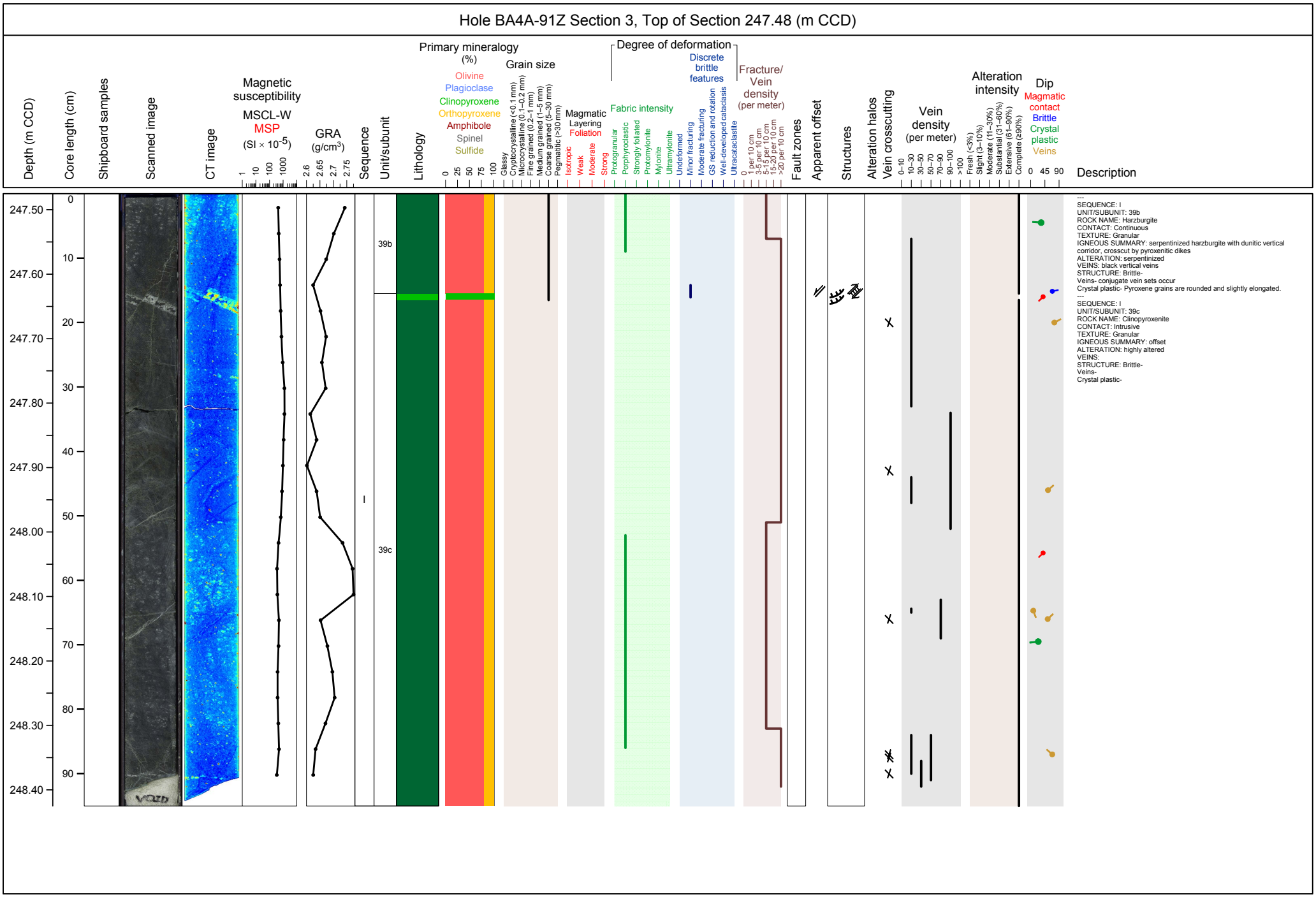
Hole BA4A-91Z Section 2, Top of Section 246.64 (m CCD)



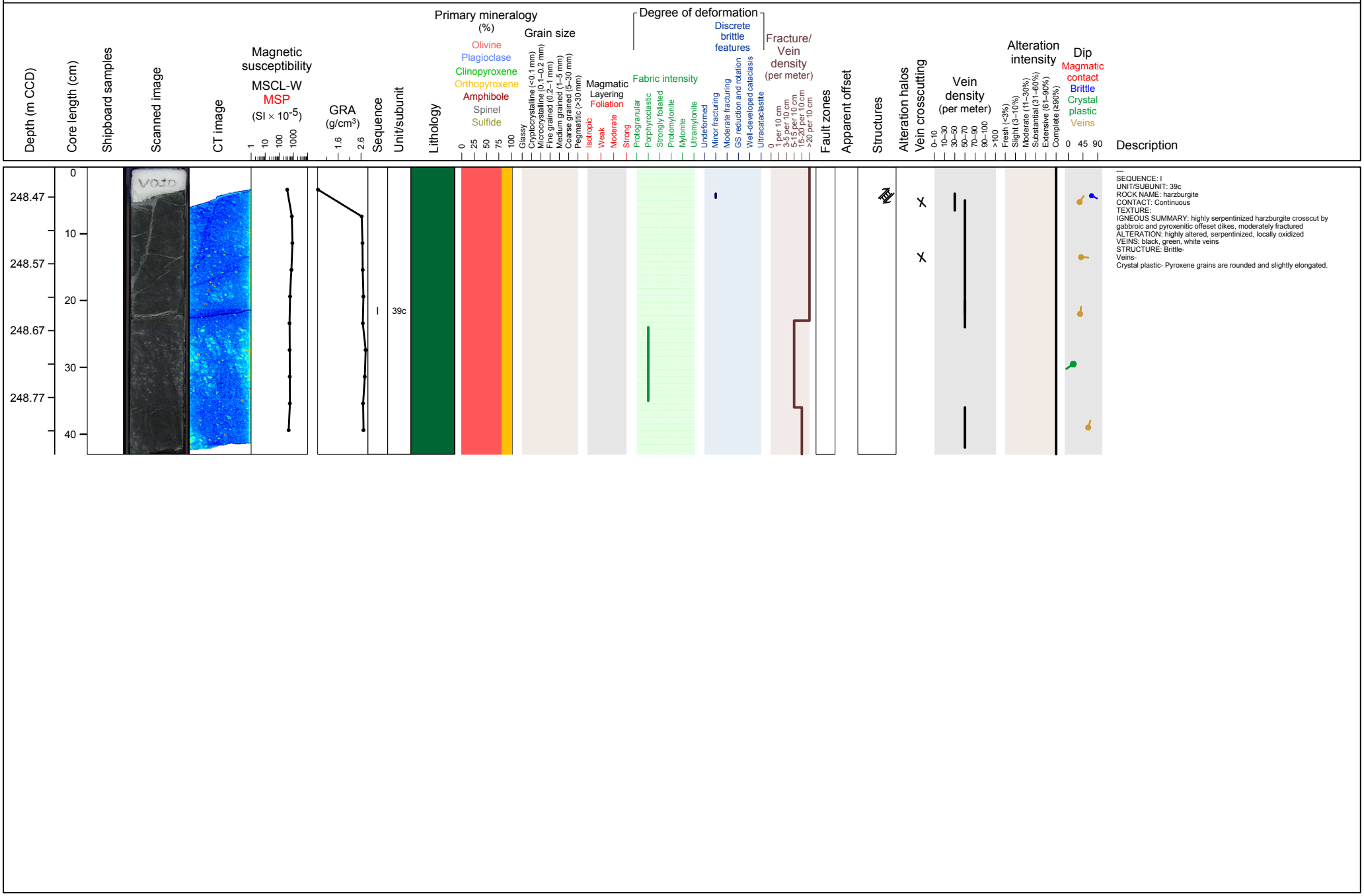
SEQUENCE: I
UNIT/SUBUNIT: 39a
ROCK NAME: Dunite
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: highly serpentinized dunite, altered with dunitic pathces, crosscut by gabbroic and pyroxenitic dikes often branched out, moderately fractured
ALTERATION: serpentinized, locally oxidixed
VEINS: black, green, white veins
STRUCTURE: Brittle- Single fault plane offsets dike and runs down most of section
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 39b
ROCK NAME: Harzburgite
CONTACT: Modal
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinized harzburgite with dunitic vertical corridor, crosscut by pyroxenitic dikes
ALTERATION: serpentinized
VEINS: black vertical veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are moderately elongated.

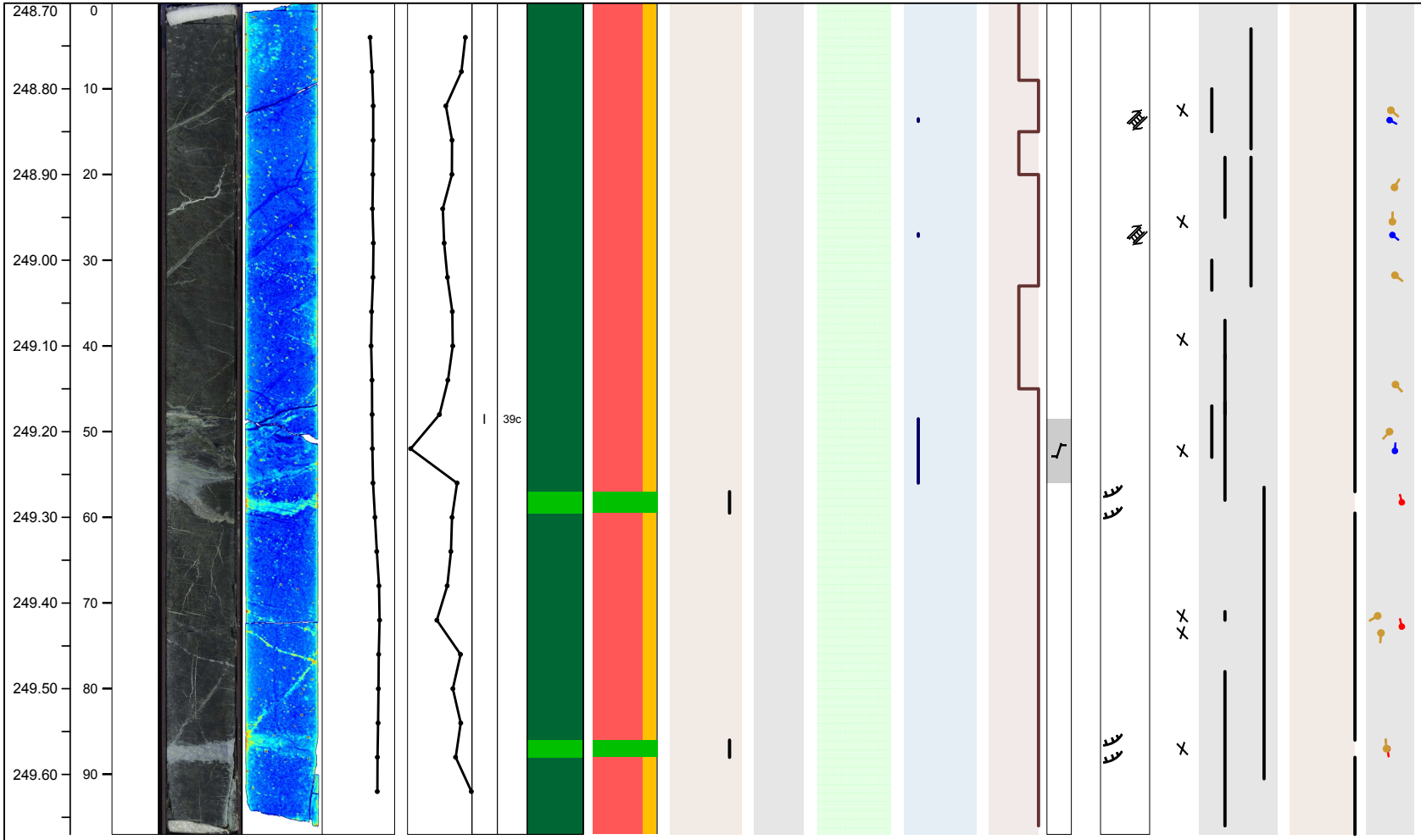
Hole BA4A-91Z Section 3, Top of Section 247.48 (m CCD)



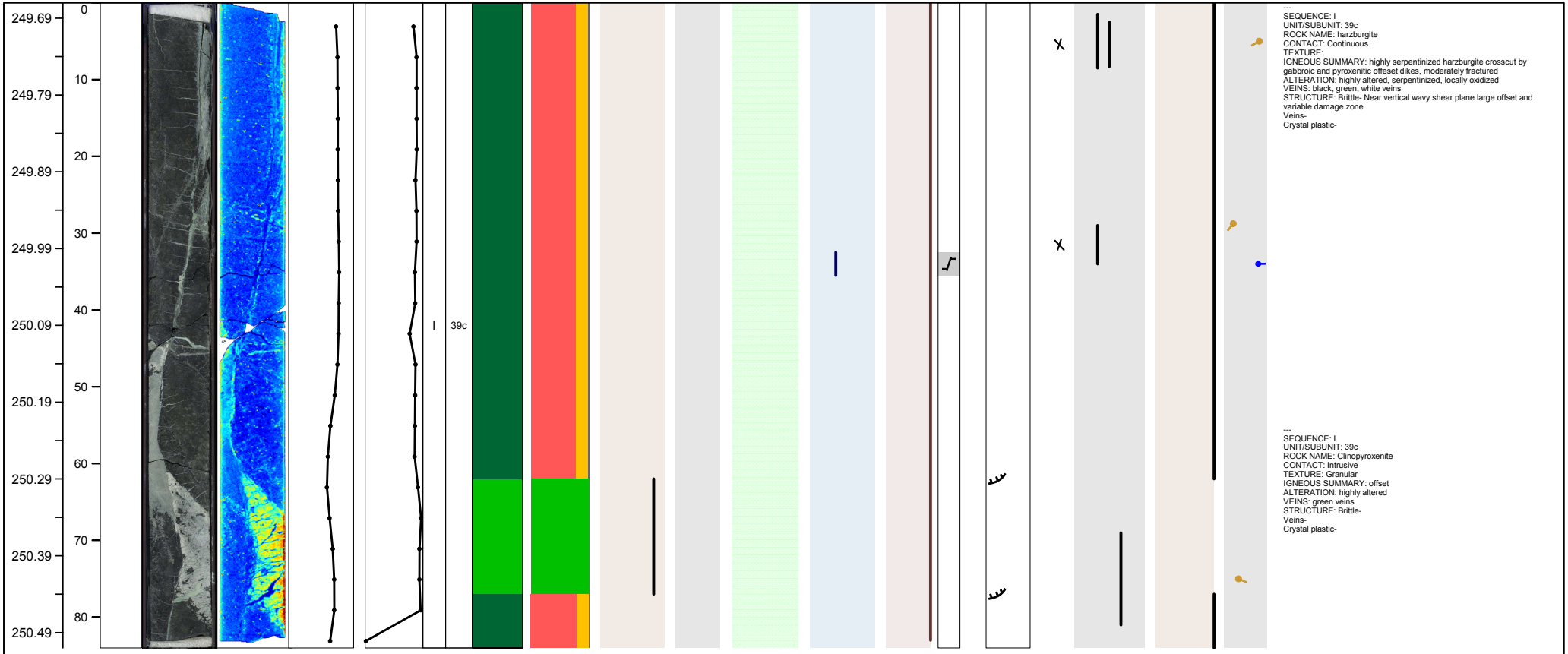
Hole BA4A-91Z Section 4, Top of Section 248.43 (m CCD)



Hole BA4A-92Z Section 1, Top of Section 248.70 (m CCD)

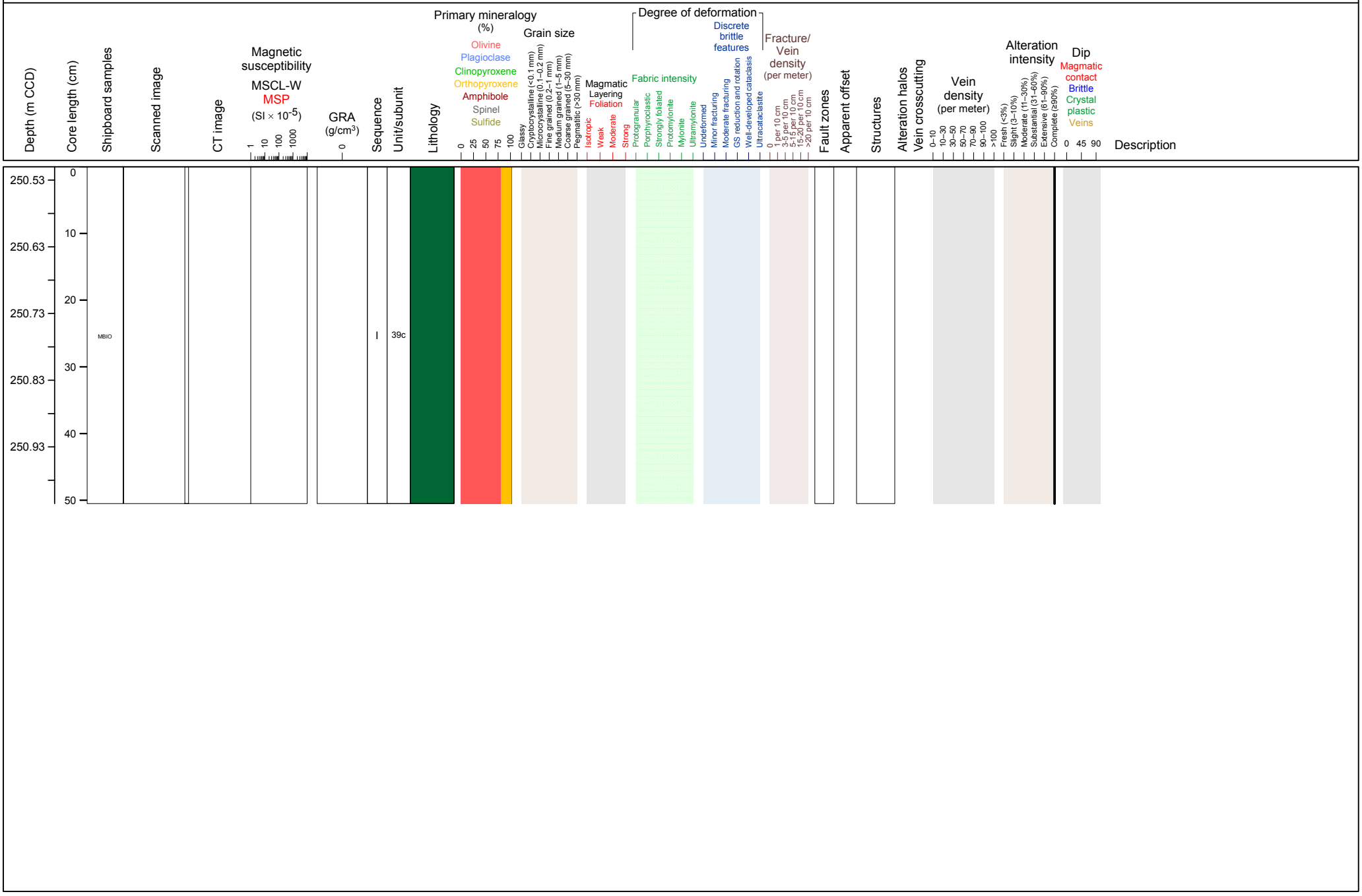


Hole BA4A-92Z Section 2, Top of Section 249.67 (m CCD)

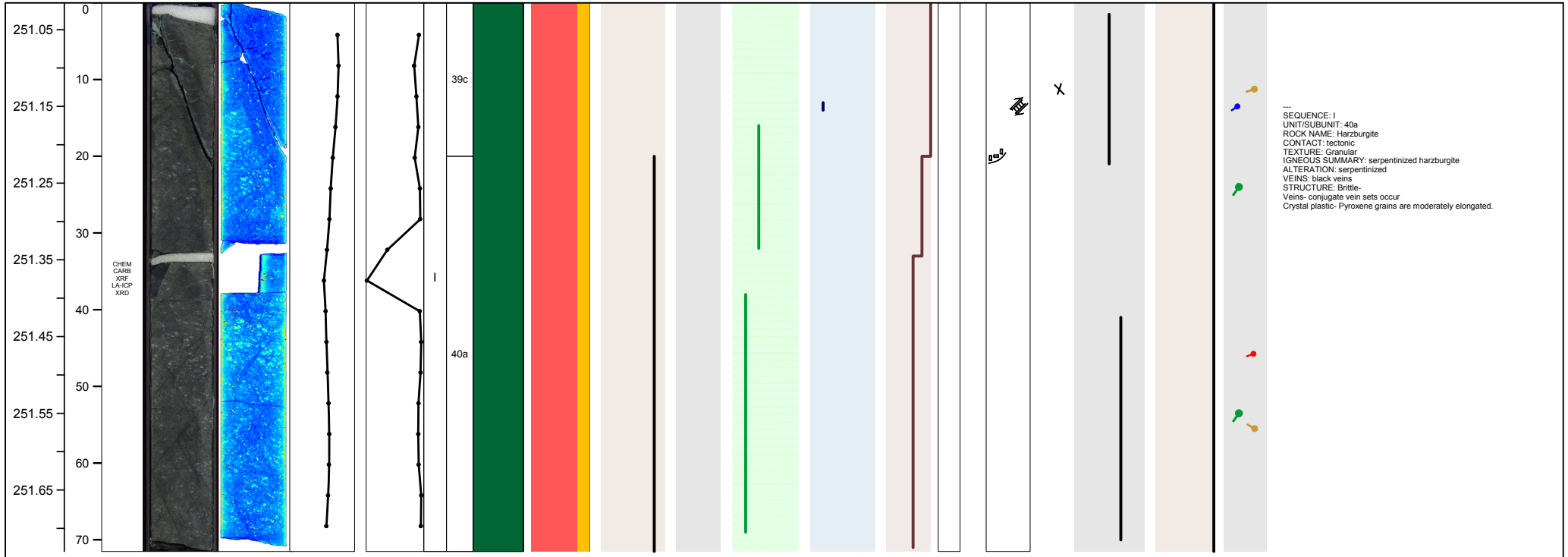


ALL TO MBIO

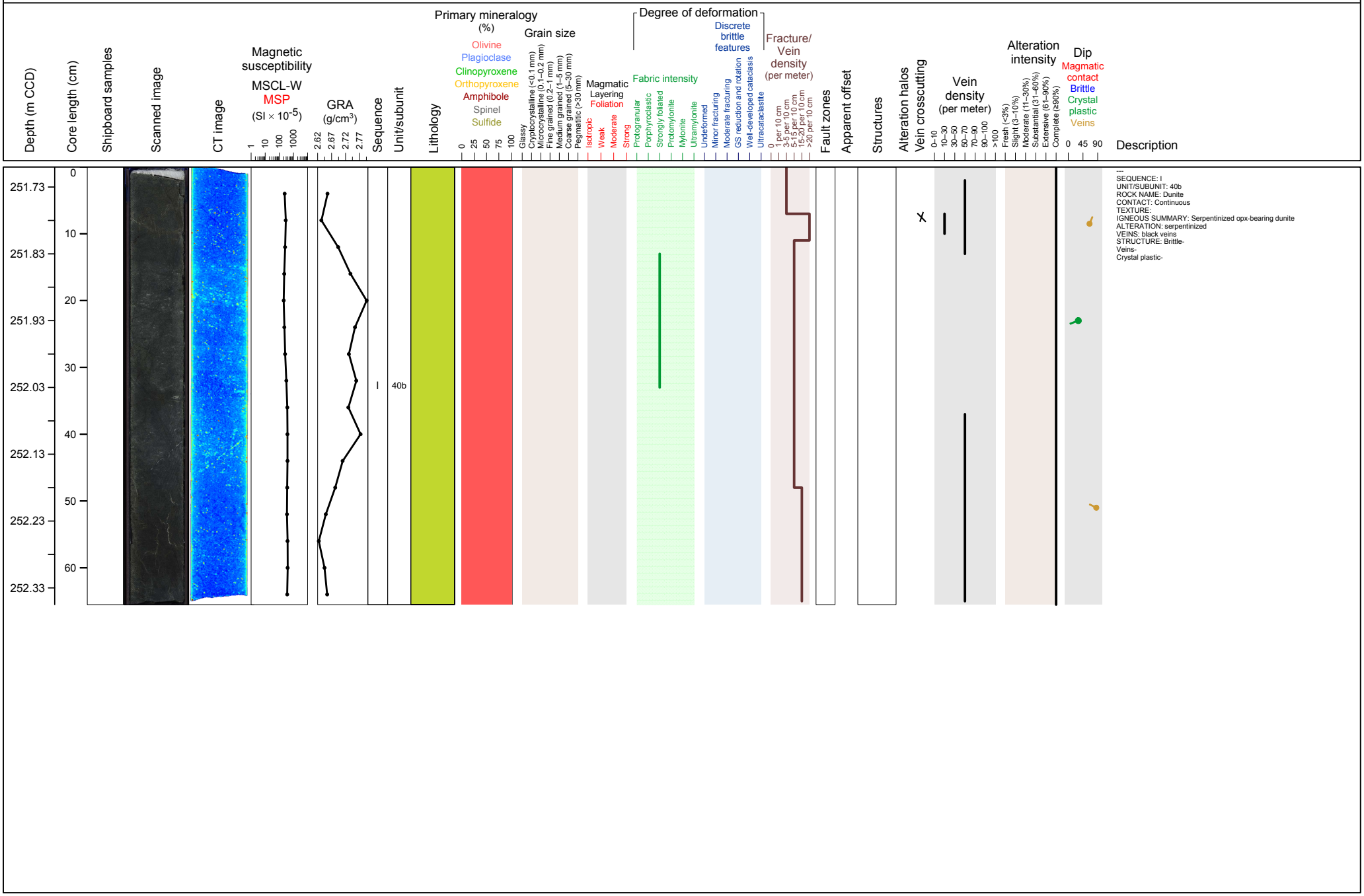
Hole BA4A-92Z Section 3, Top of Section 250.51 (m CCD)



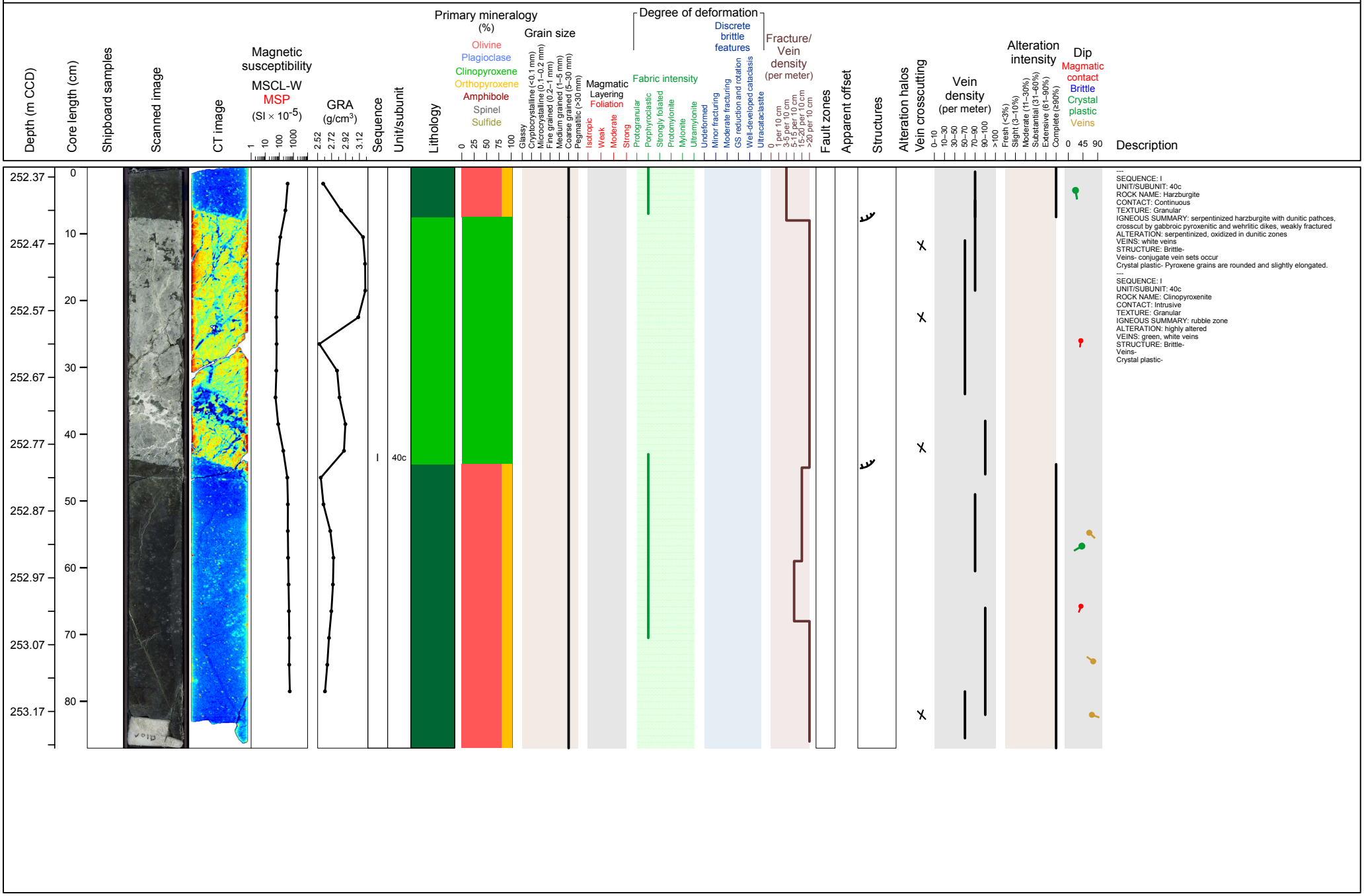
Hole BA4A-92Z Section 4, Top of Section 251.02 (m CCD)



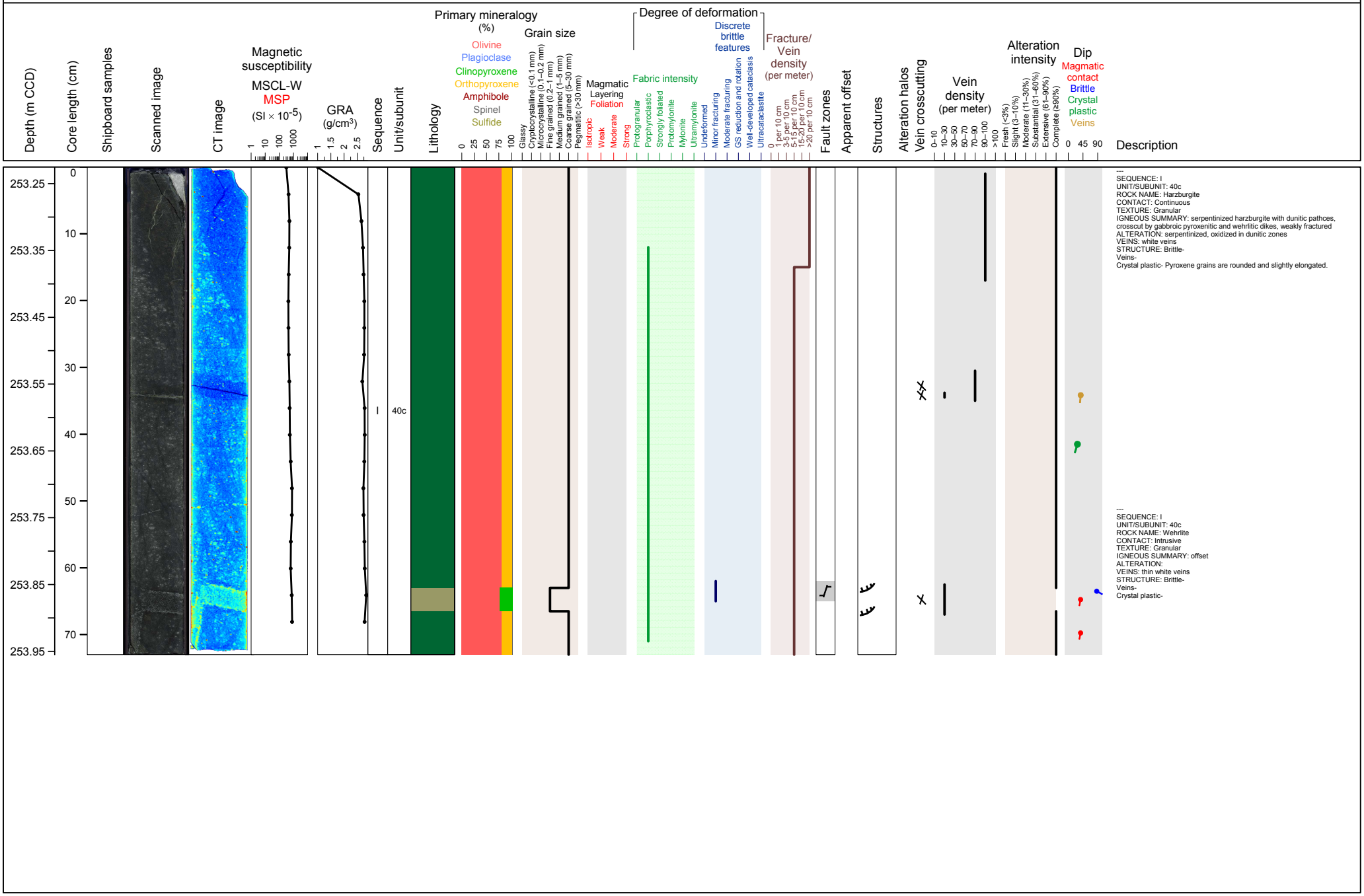
Hole BA4A-93Z Section 1, Top of Section 251.70 (m CCD)



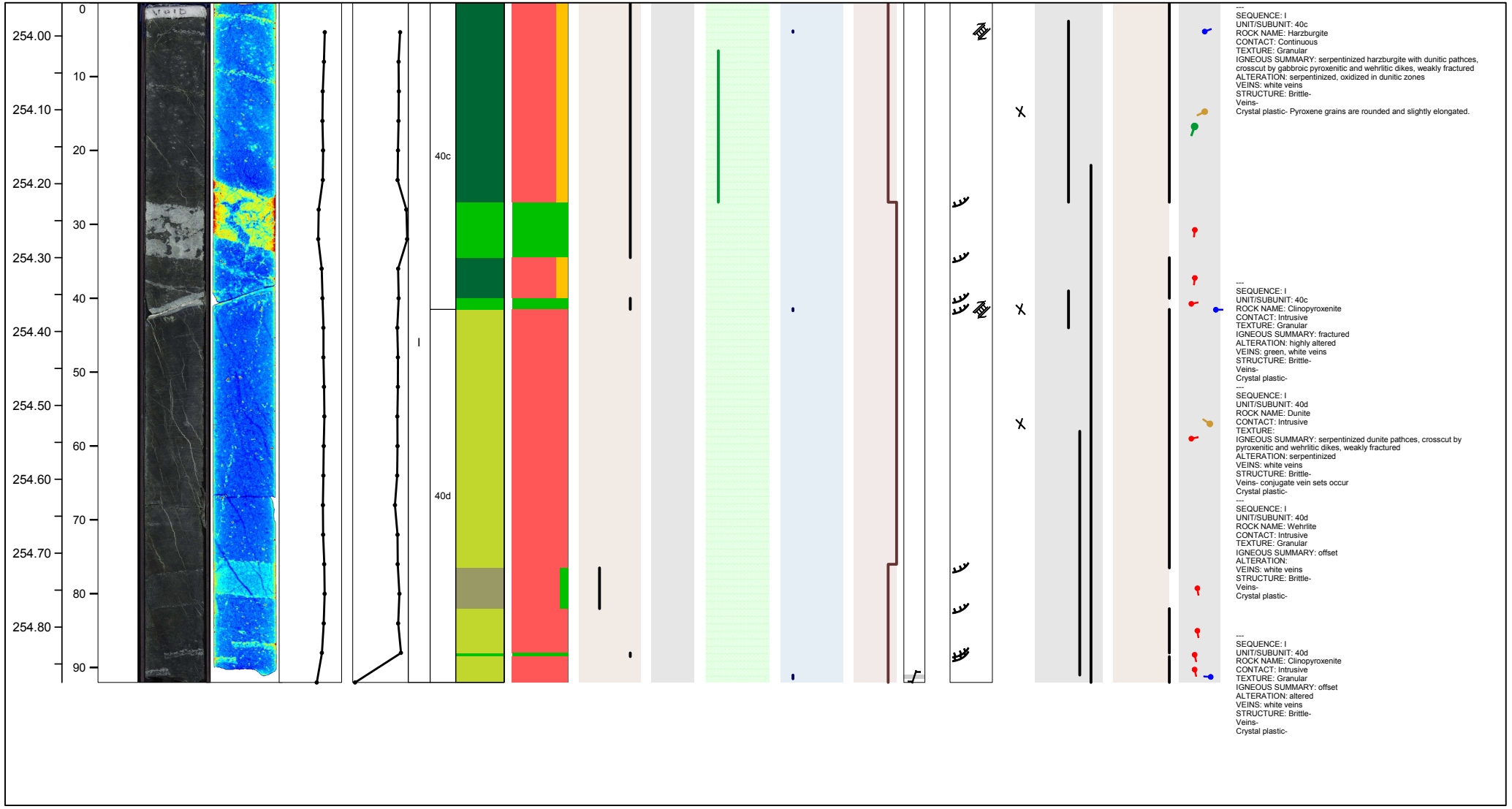
Hole BA4A-93Z Section 2, Top of Section 252.36 (m CCD)



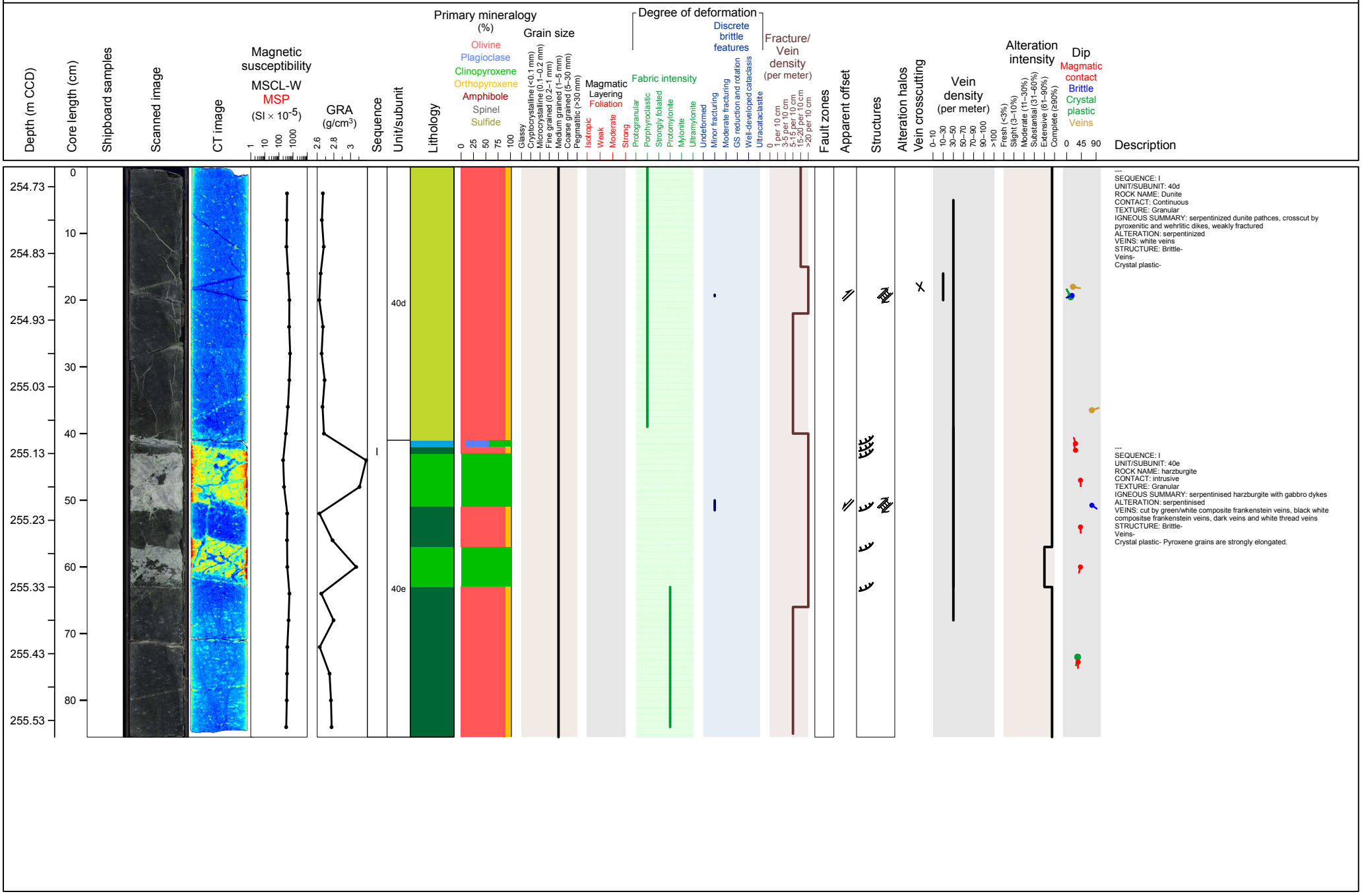
Hole BA4A-93Z Section 3, Top of Section 253.23 (m CCD)



Hole BA4A-93Z Section 4, Top of Section 253.96 (m CCD)



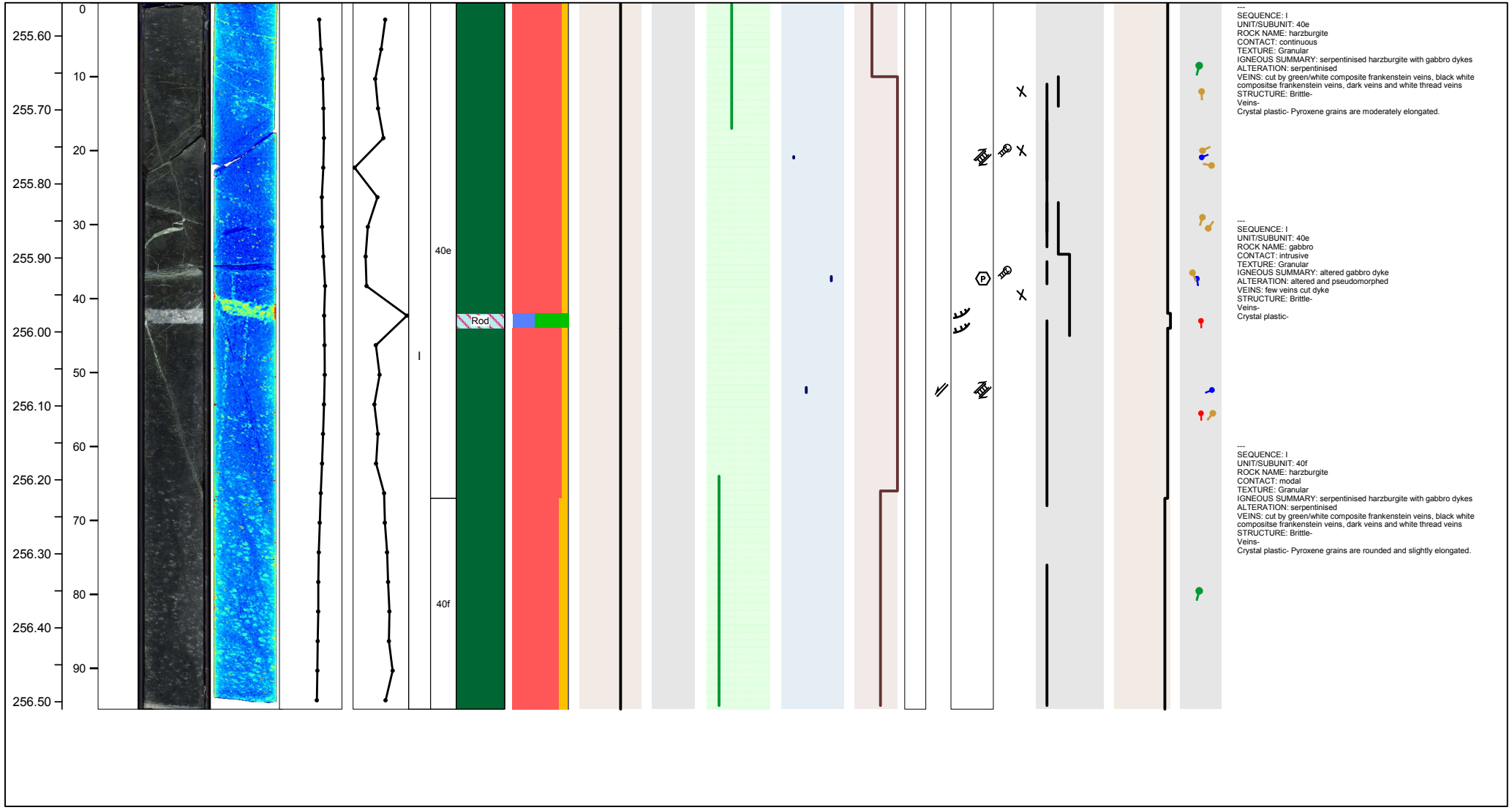
Hole BA4A-94Z Section 1, Top of Section 254.70 (m CCD)



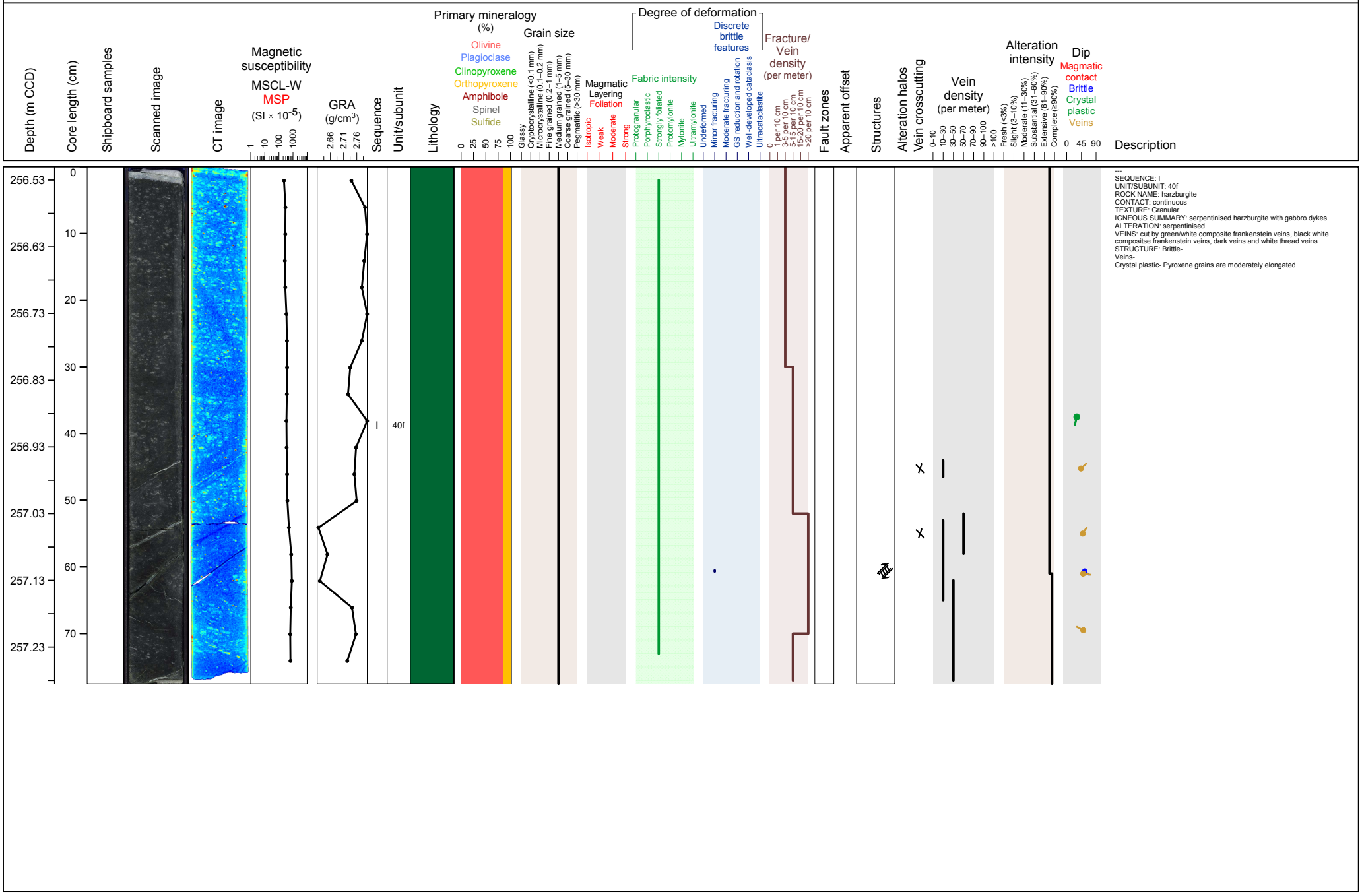
SEQUENCE: I
UNIT/SUBUNIT: 40d
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinized dunite pathces, crosscut by pyroxenitic and wehrlitic dikes, weakly fractured
ALTERATION: serpentinized
VEINS: white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 40e
ROCK NAME: harzburgite
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinised harzburgite with gabbro dykes
ALTERATION: serpentinised
VEINS: cut by green/white composite frankenstein veins, black white compositse frankenstein veins, dark veins and white thread veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are strongly elongated.

Hole BA4A-94Z Section 2, Top of Section 255.56 (m CCD)

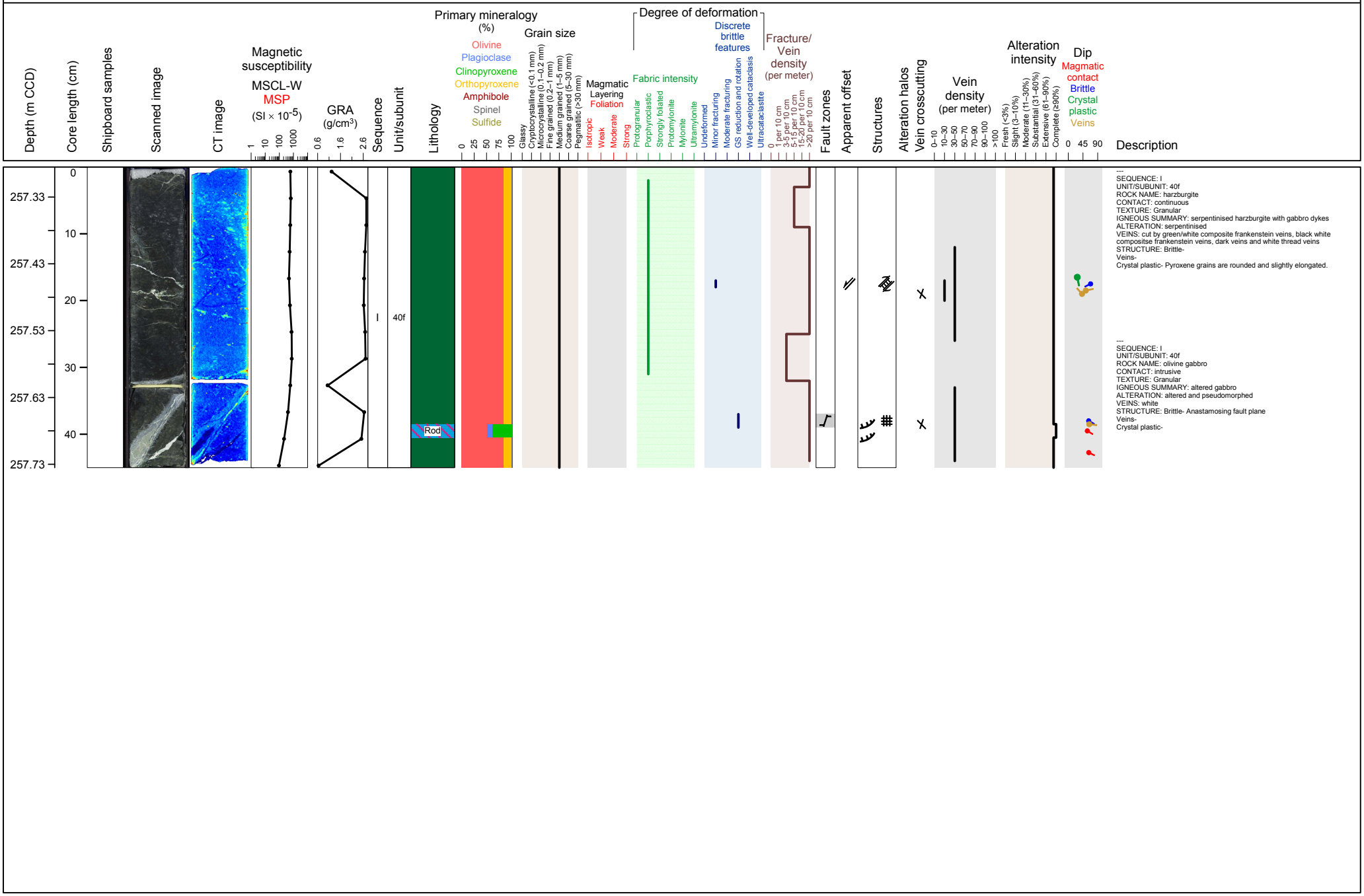


Hole BA4A-94Z Section 3, Top of Section 256.51 (m CCD)

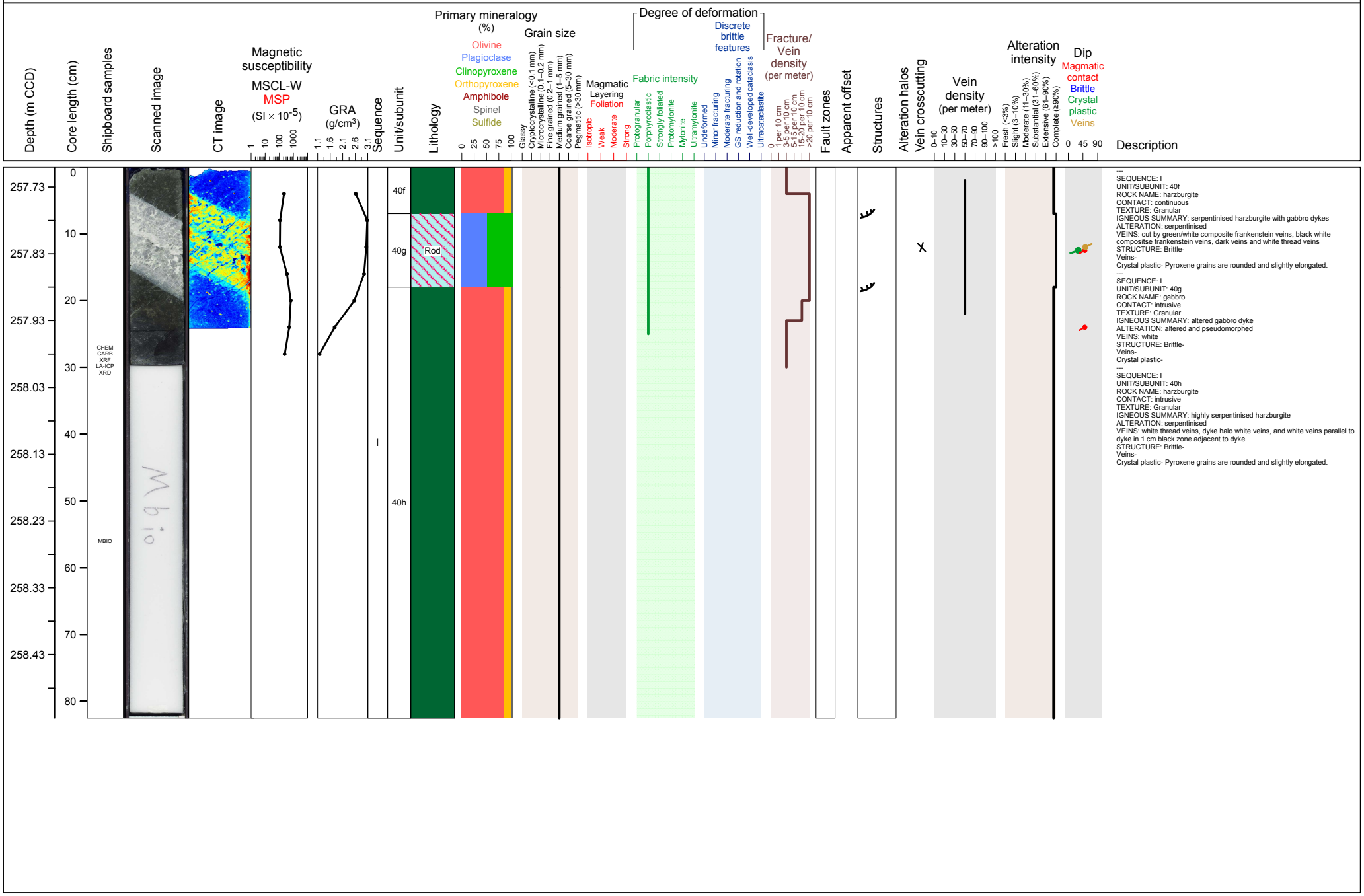


SEQUENCE: I
UNIT/SUBUNIT: 40f
ROCK NAME: harzburgite
CONTACT: continuous
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinised harzburgite with gabbro dykes
ALTERATION: serpentinised
VEINS: cut by green/white composite frankenstein veins, black white compositse frankenstein veins, dark veins and white thread veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are moderately elongated.

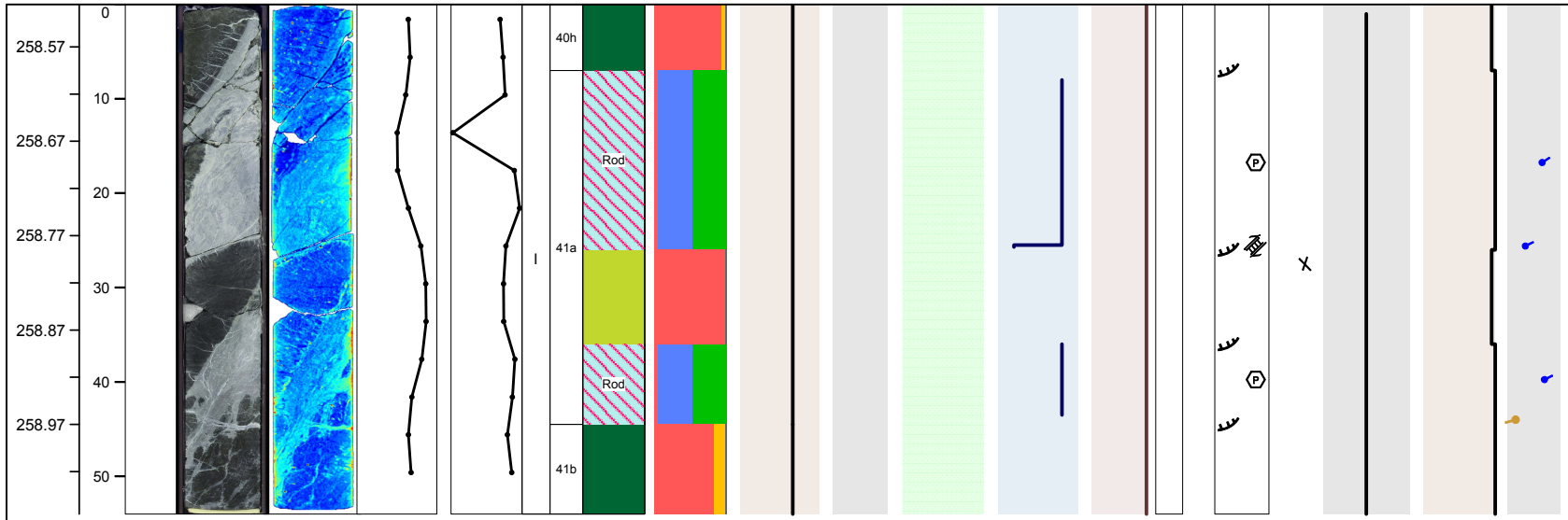
Hole BA4A-94Z Section 4, Top of Section 257.29 (m CCD)



Hole BA4A-95Z Section 1, Top of Section 257.70 (m CCD)



Hole BA4A-95Z Section 2, Top of Section 258.53 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 40h
ROCK NAME: harzburgite
CONTACT: continuous
TEXTURE: Granular
IGNEOUS SUMMARY: highly serpentinised harzburgite
ALTERATION: serpentinised
VEINS: white thread veins, dyke halo white veins, and white veins parallel to dyke in 1 cm black zone adjacent to dyke
STRUCTURE: Brittle-
Veins-
Crystal plastic-

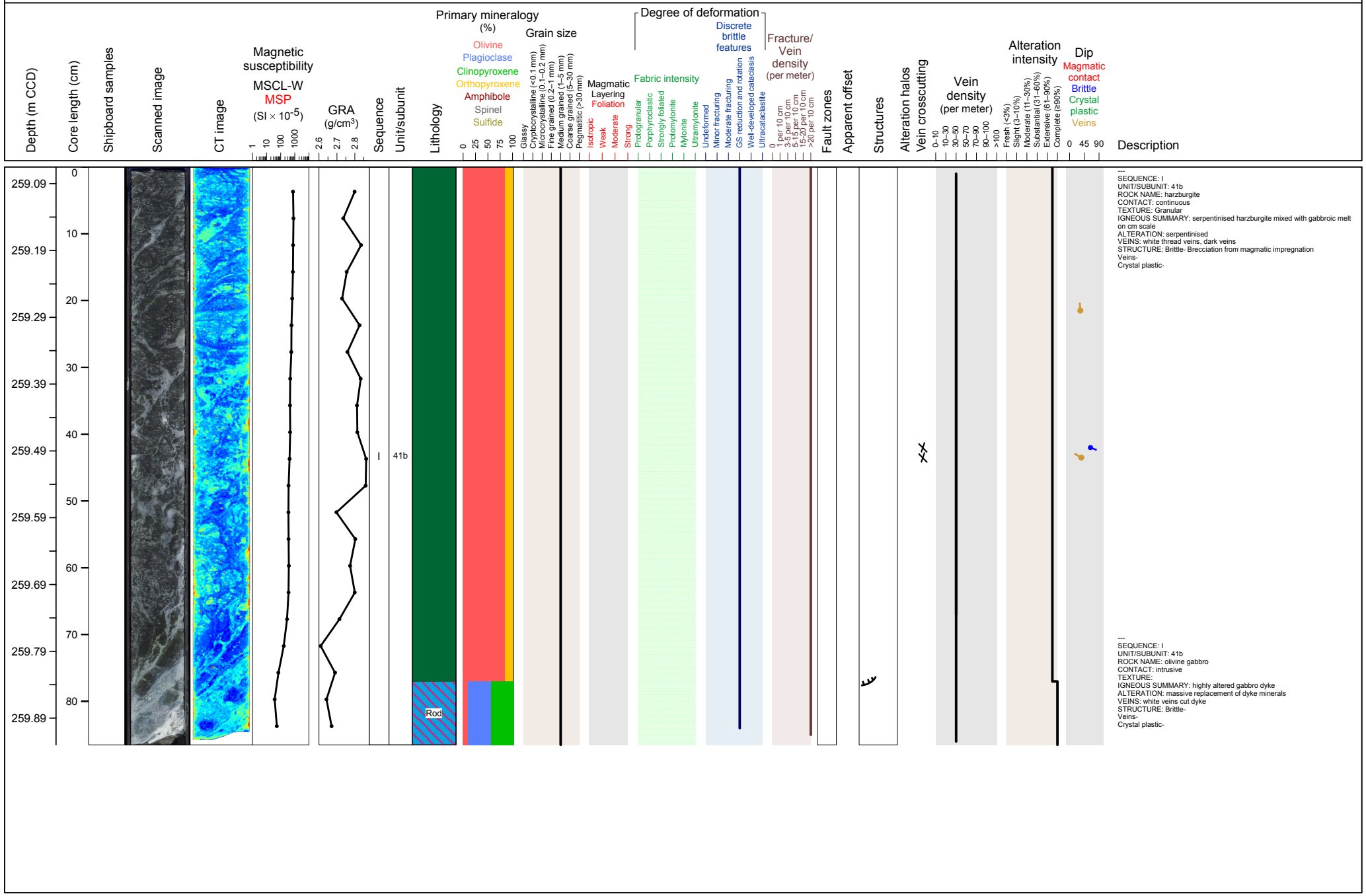
SEQUENCE: I
UNIT/SUBUNIT: 41a
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered gabbro dyke
ALTERATION: altered and pseudomorphed
VEINS: white
STRUCTURE: Brittle- Wide region of ductile deformation with some brittle-ductile slip surfaces
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 41a
ROCK NAME: dunite
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinised dunite
ALTERATION: serpentinised
VEINS: white thread veins and white veins in dyke halo
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 41a
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered gabbro dyke
ALTERATION: altered and pseudomorphed
VEINS: white
STRUCTURE: Brittle- Wide region of ductile deformation with some brittle-ductile slip surfaces
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 41b
ROCK NAME: harzburgite
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinised harzburgite mixed with gabbroic melt on cm scale
ALTERATION: serpentinised
VEINS: white thread veins, dark veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

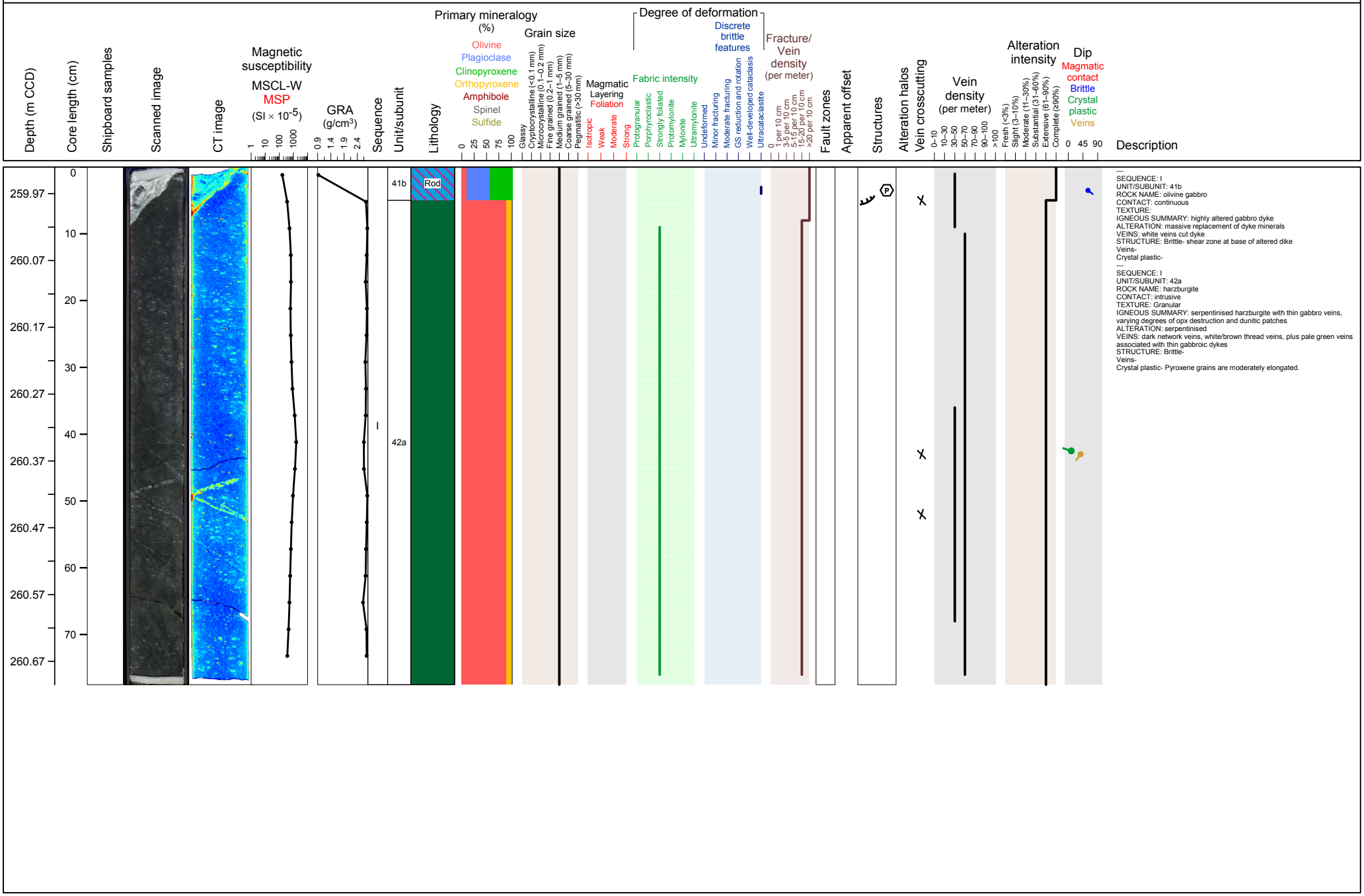
Hole BA4A-95Z Section 3, Top of Section 259.07 (m CCD)



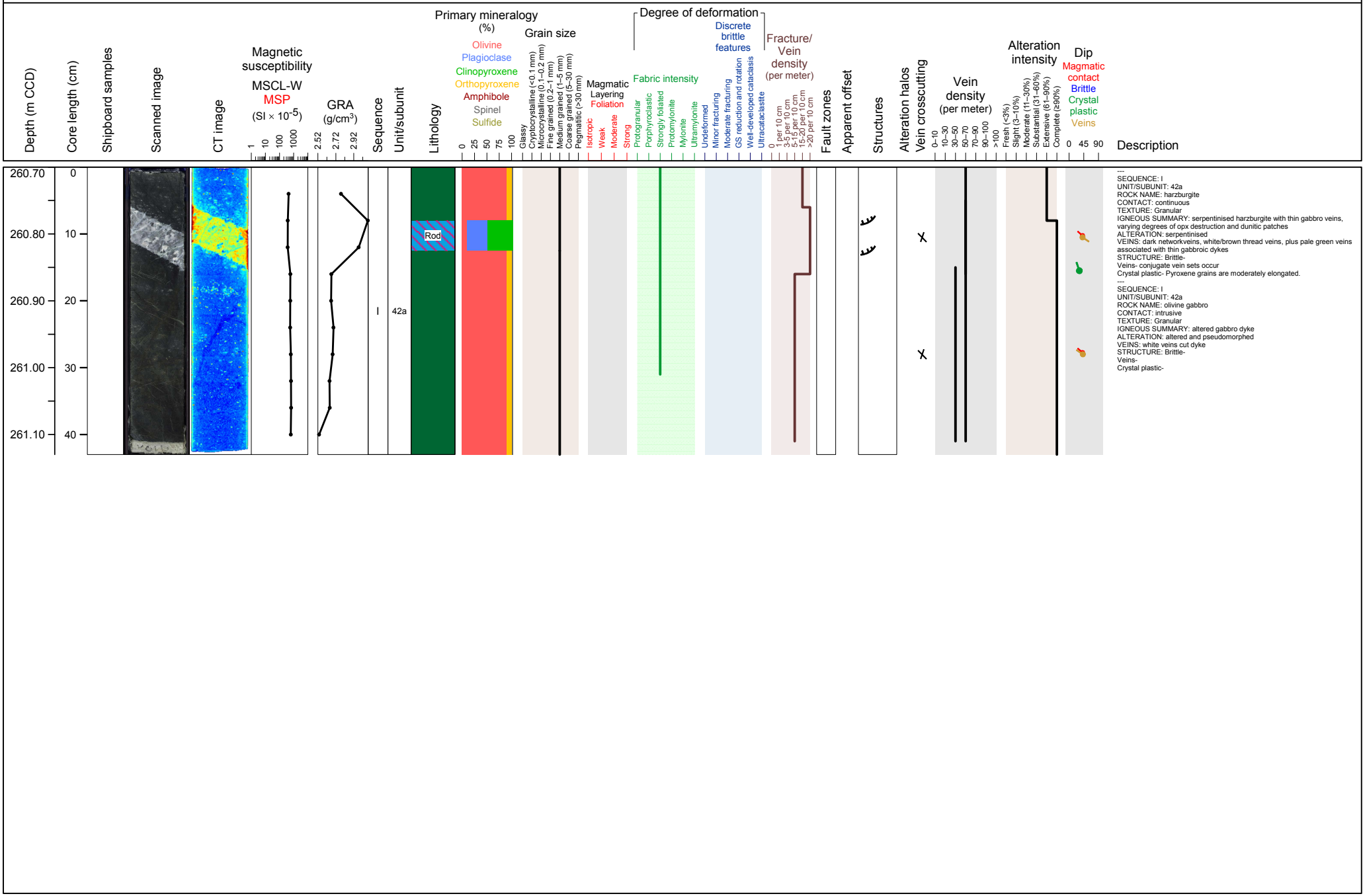
SEQUENCE: I
UNIT/SUBUNIT: 41b
ROCK NAME: harzburgite
CONTACT: continuous
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinised harzburgite mixed with gabbroic melt on cm scale
ALTERATION: serpentinised
VEINS: white thread veins, dark veins
STRUCTURE: Brittle- Brecciation from magmatic impregnation
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 41b
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: highly altered gabbro dyke
ALTERATION: massive replacement of dyke minerals
VEINS: white veins cut dyke
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-95Z Section 4, Top of Section 259.93 (m CCD)



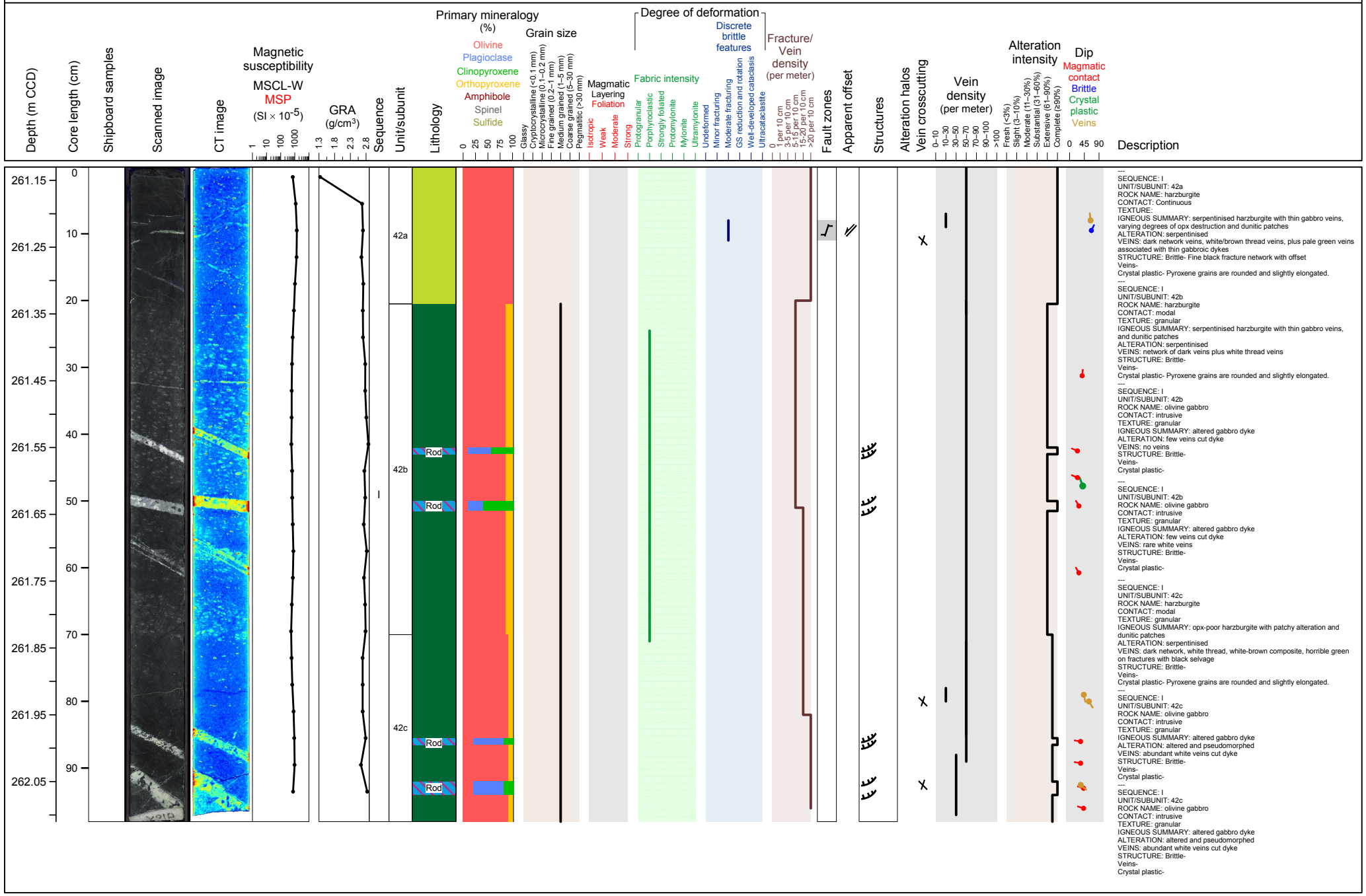
Hole BA4A-96Z Section 1, Top of Section 260.70 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 42a
ROCK NAME: harzburgite
CONTACT: continuous
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinised harzburgite with thin gabbro veins, varying degrees of opx destruction and dunitic patches
ALTERATION: serpentinised
VEINS: dark networkveins, white/brown thread veins, plus pale green veins associated with thin gabbroic dykes
STRUCTURE: Brittle-
Veins- conjugate vein sets occur
Crystal plastic- Pyroxene grains are moderately elongated.

SEQUENCE: I
UNIT/SUBUNIT: 42a
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered gabbro dyke
ALTERATION: altered and pseudomorphed
VEINS: white veins cut dyke
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-96Z Section 2, Top of Section 261.13 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 42a
ROCK NAME: harzburgite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinised harzburgite with thin gabbro veins, varying degrees of opx destruction and dunitic patches
ALTERATION: serpentinised
VEINS: dark network veins, white/brown thread veins, plus pale green veins associated with thin gabbroic dykes
STRUCTURE: Brittle- Fine black fracture network with offset
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 42b
ROCK NAME: harzburgite
CONTACT: modal
TEXTURE: granular
IGNEOUS SUMMARY: serpentinised harzburgite with thin gabbro veins, and dunitic patches
ALTERATION: serpentinised
VEINS: network of dark veins plus white thread veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 42b
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: altered gabbro dyke
ALTERATION: few veins cut dyke
VEINS: no veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

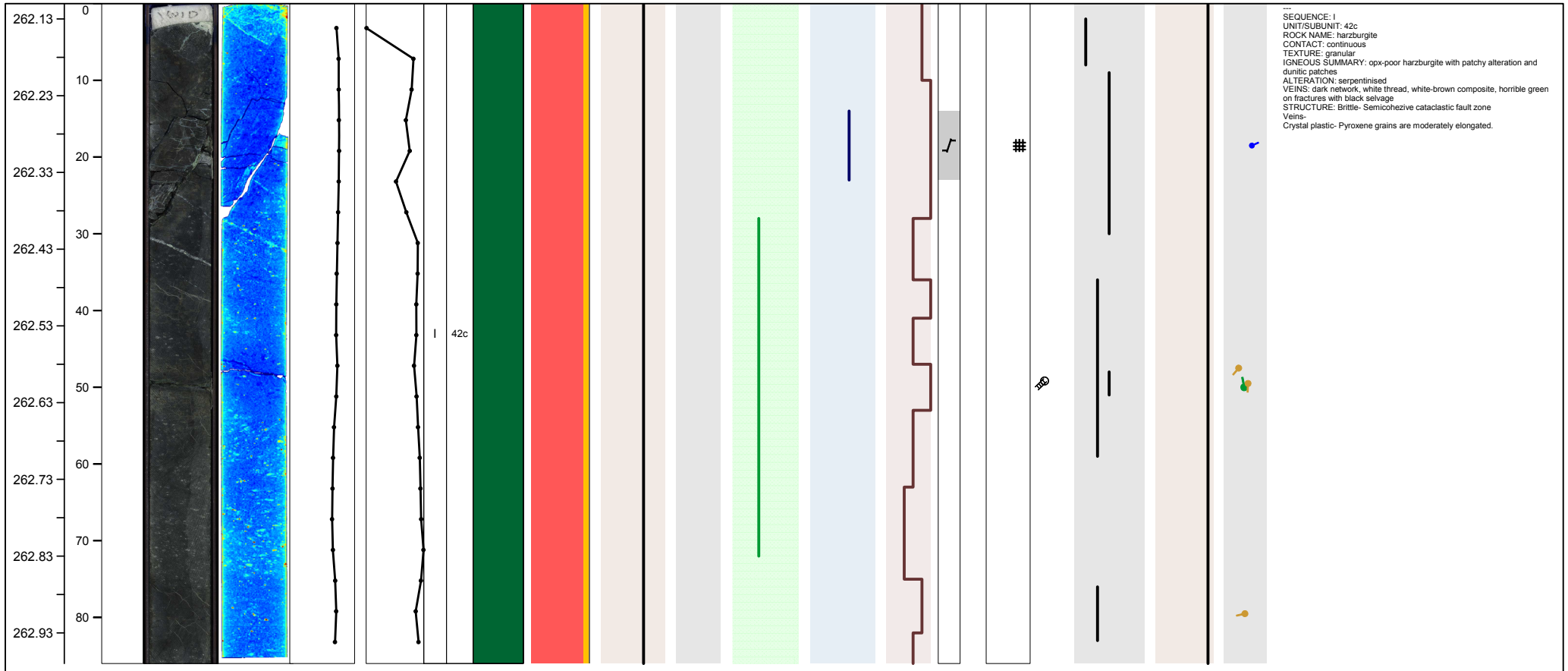
SEQUENCE: I
UNIT/SUBUNIT: 42b
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: altered gabbro dyke
ALTERATION: few veins cut dyke
VEINS: rare white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 42c
ROCK NAME: harzburgite
CONTACT: modal
TEXTURE: granular
IGNEOUS SUMMARY: opx-poor harzburgite with patchy alteration and dunitic patches
ALTERATION: serpentinised
VEINS: dark network, white thread, white-brown composite, horrible green on fractures with black selvage
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

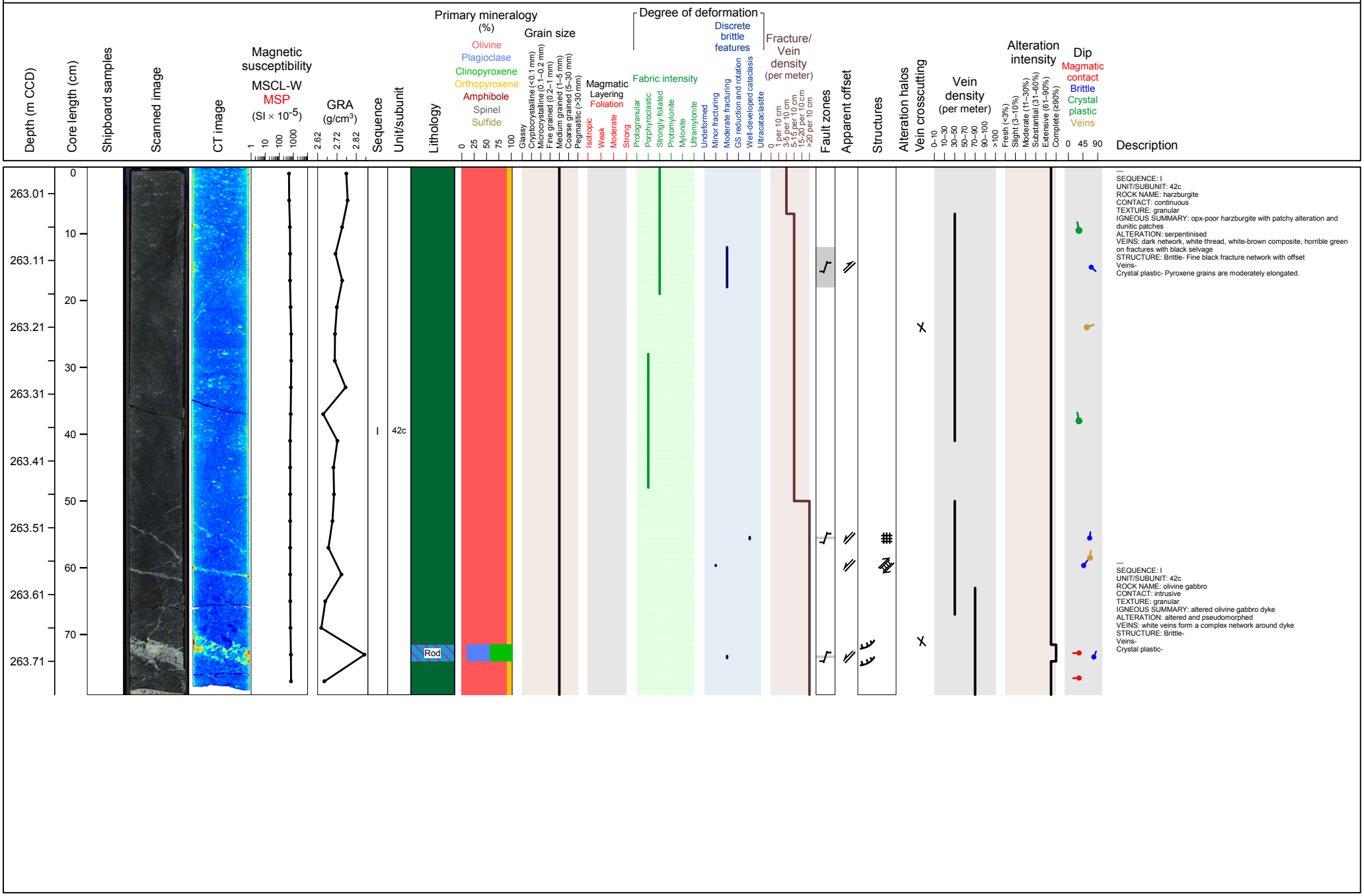
SEQUENCE: I
UNIT/SUBUNIT: 42c
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: altered gabbro dyke
ALTERATION: altered and pseudomorphed
VEINS: abundant white veins cut dyke
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 42c
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: altered gabbro dyke
ALTERATION: altered and pseudomorphed
VEINS: abundant white veins cut dyke
STRUCTURE: Brittle-
Veins-
Crystal plastic-

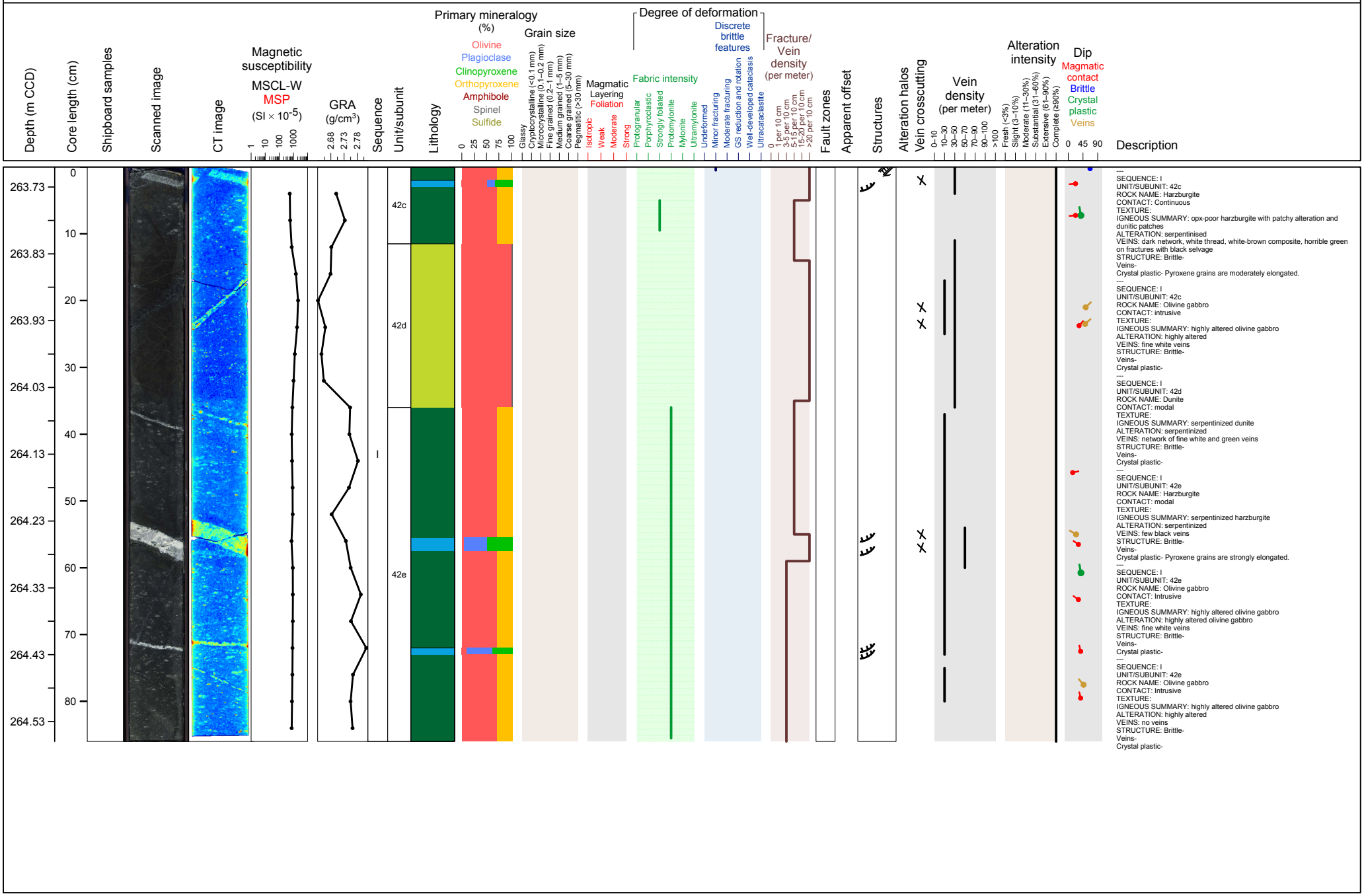
Hole BA4A-96Z Section 3, Top of Section 262.11 (m CCD)



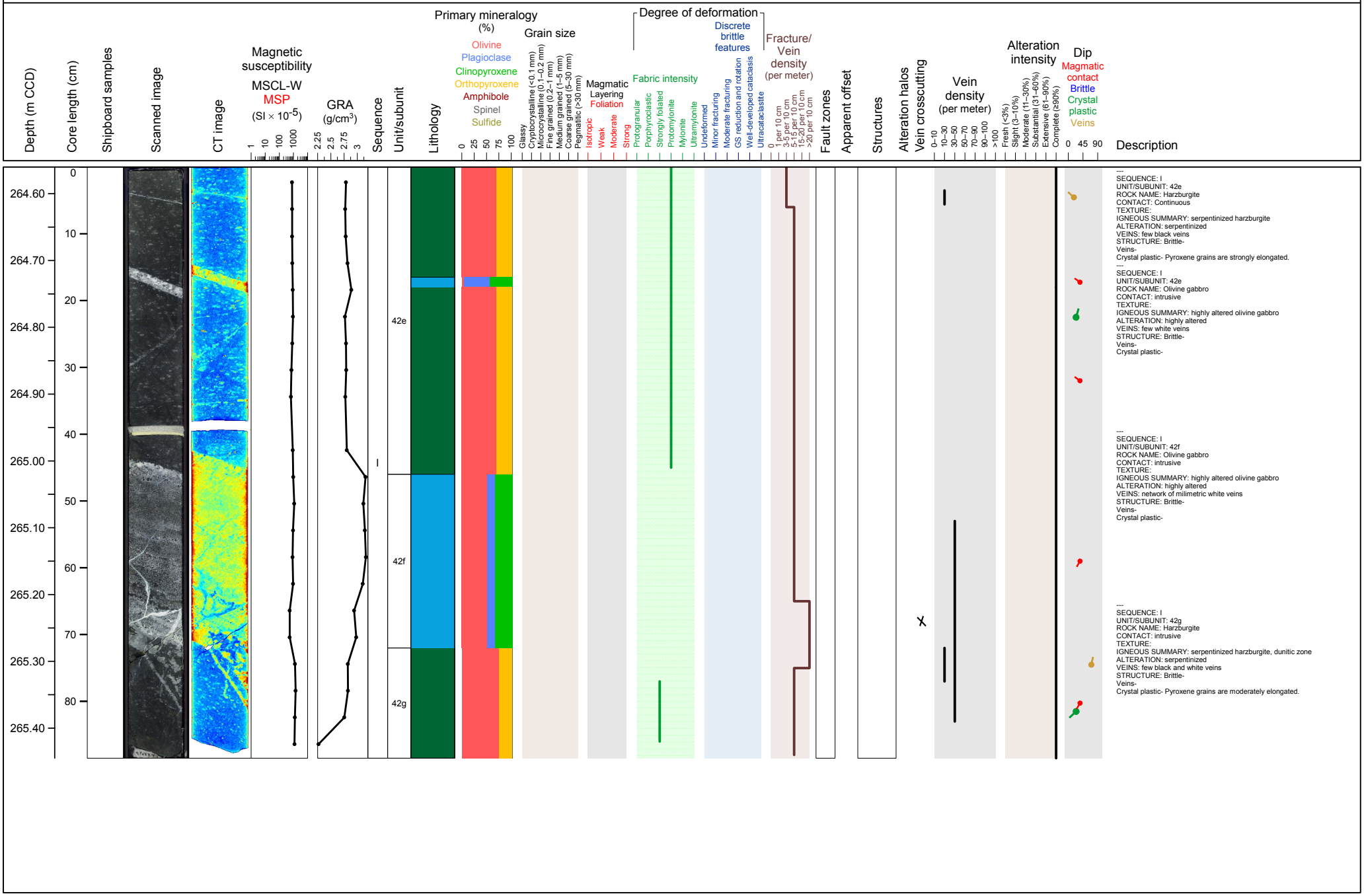
Hole BA4A-96Z Section 4, Top of Section 262.97 (m CCD)



Hole BA4A-97Z Section 1, Top of Section 263.70 (m CCD)



Hole BA4A-97Z Section 2, Top of Section 264.56 (m CCD)



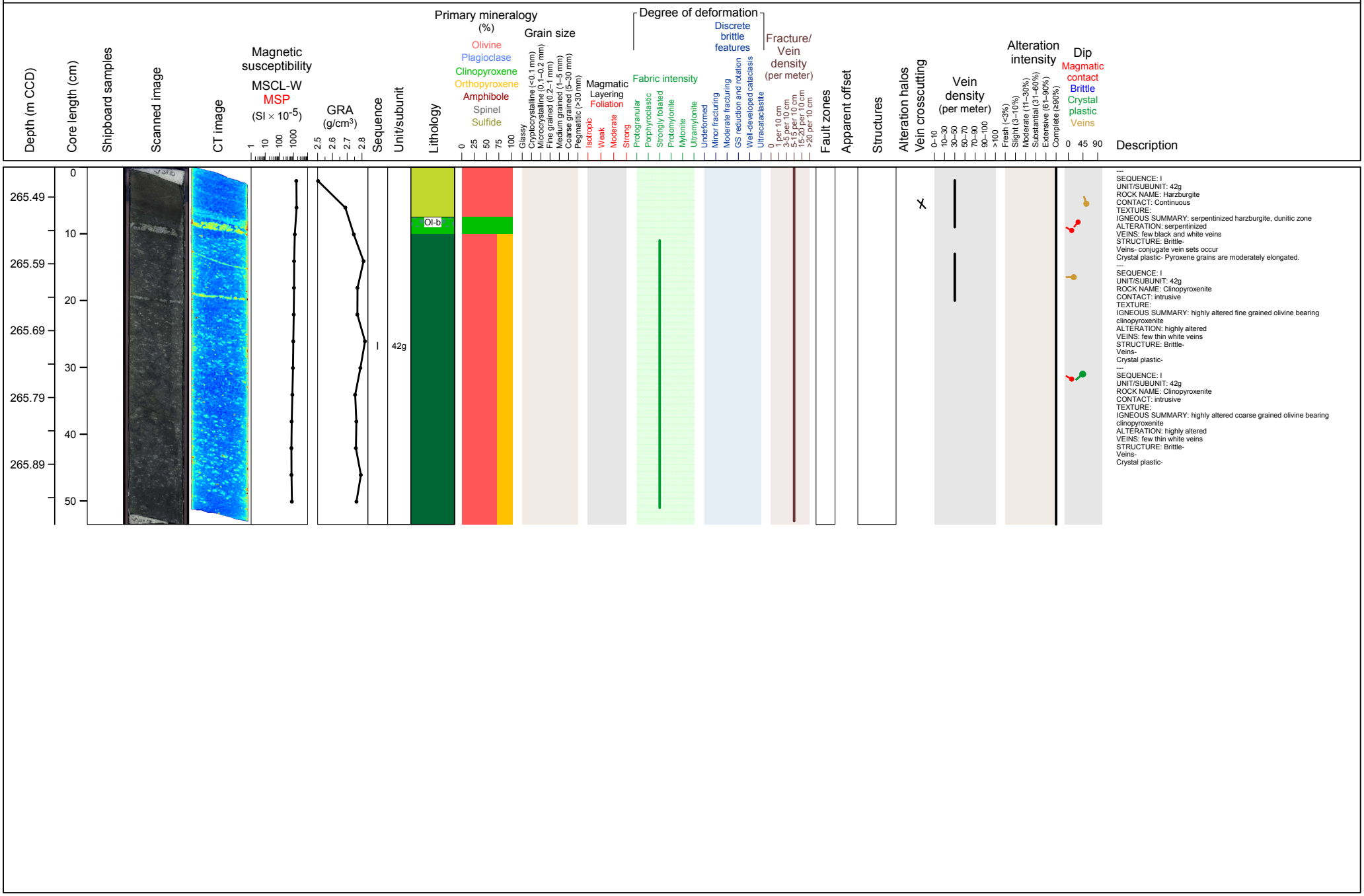
SEQUENCE: I
UNIT/SUBUNIT: 42e
ROCK NAME: Harzburgite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized harzburgite
ALTERATION: serpentinized
VEINS: few black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are strongly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 42e
ROCK NAME: Olivine gabbro
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: highly altered olivine gabbro
ALTERATION: highly altered
VEINS: few white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 42f
ROCK NAME: Olivine gabbro
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: highly altered olivine gabbro
ALTERATION: highly altered
VEINS: network of milimetric white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 42g
ROCK NAME: Harzburgite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: serpentinized harzburgite, dunitic zone
ALTERATION: serpentinized
VEINS: few black and white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are moderately elongated.

Hole BA4A-97Z Section 3, Top of Section 265.45 (m CCD)

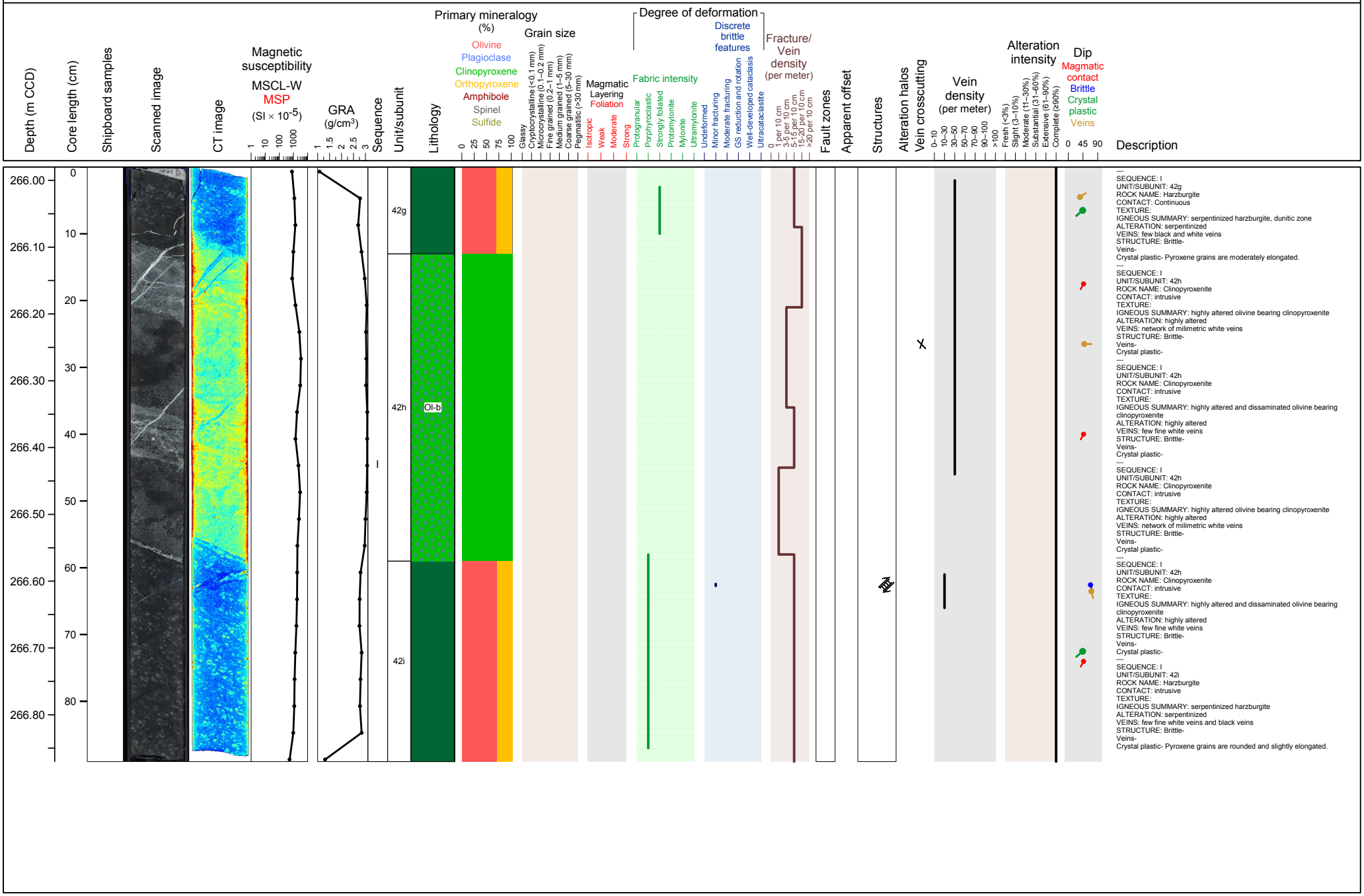


SEQUENCE: I
UNIT/SUBUNIT: 42g
ROCK NAME: Harzburgite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized harzburgite, dunitic zone
ALTERATION: serpentinized
VEINS: few black and white veins
STRUCTURE: Brittle-
Veins- conjugate vein sets occur
Crystal plastic- Pyroxene grains are moderately elongated.

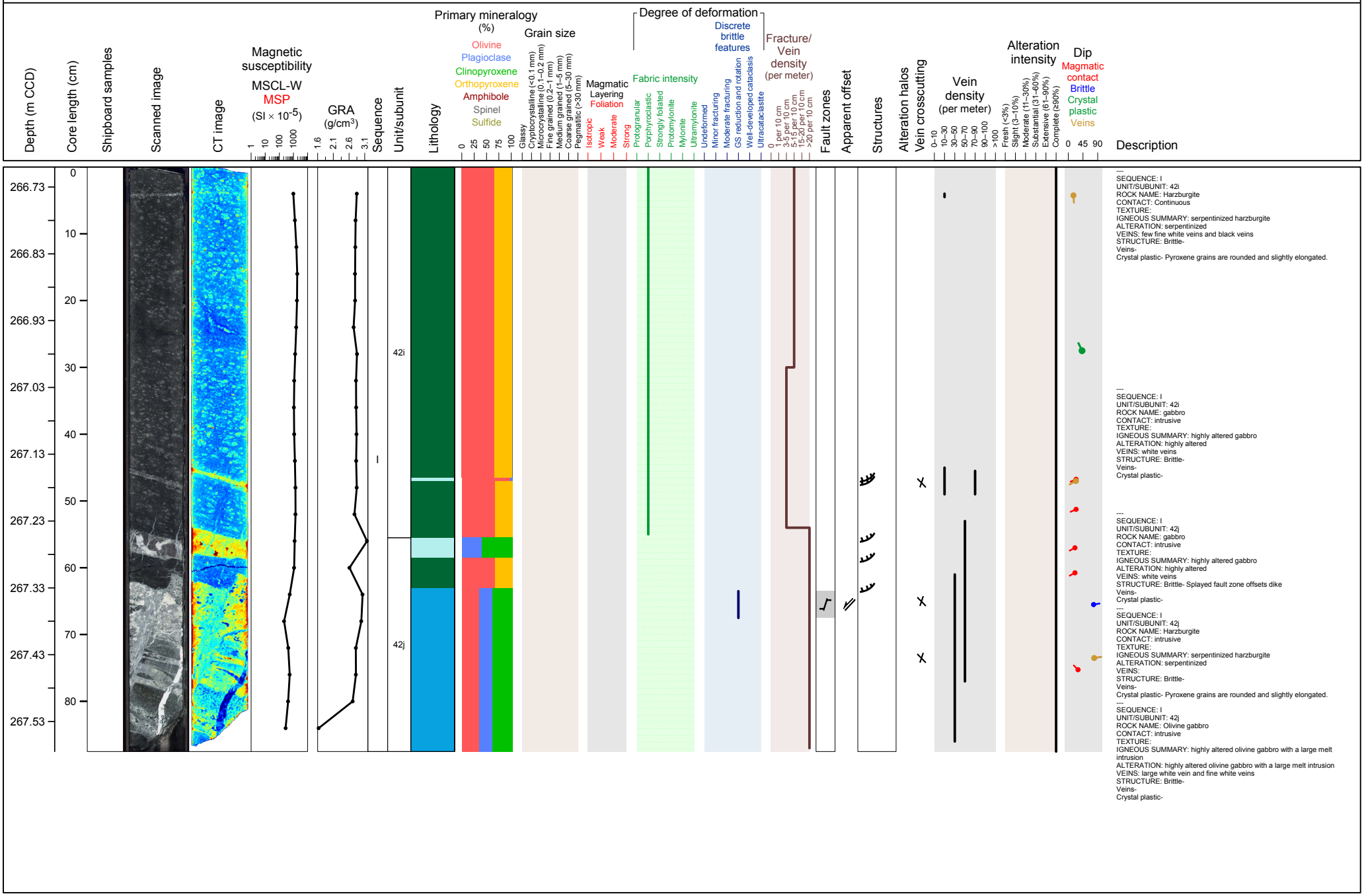
SEQUENCE: I
UNIT/SUBUNIT: 42g
ROCK NAME: Clinopyroxenite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: highly altered fine grained olivine bearing clinopyroxenite
ALTERATION: highly altered
VEINS: few thin white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 42g
ROCK NAME: Clinopyroxenite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: highly altered coarse grained olivine bearing clinopyroxenite
ALTERATION: highly altered
VEINS: few thin white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

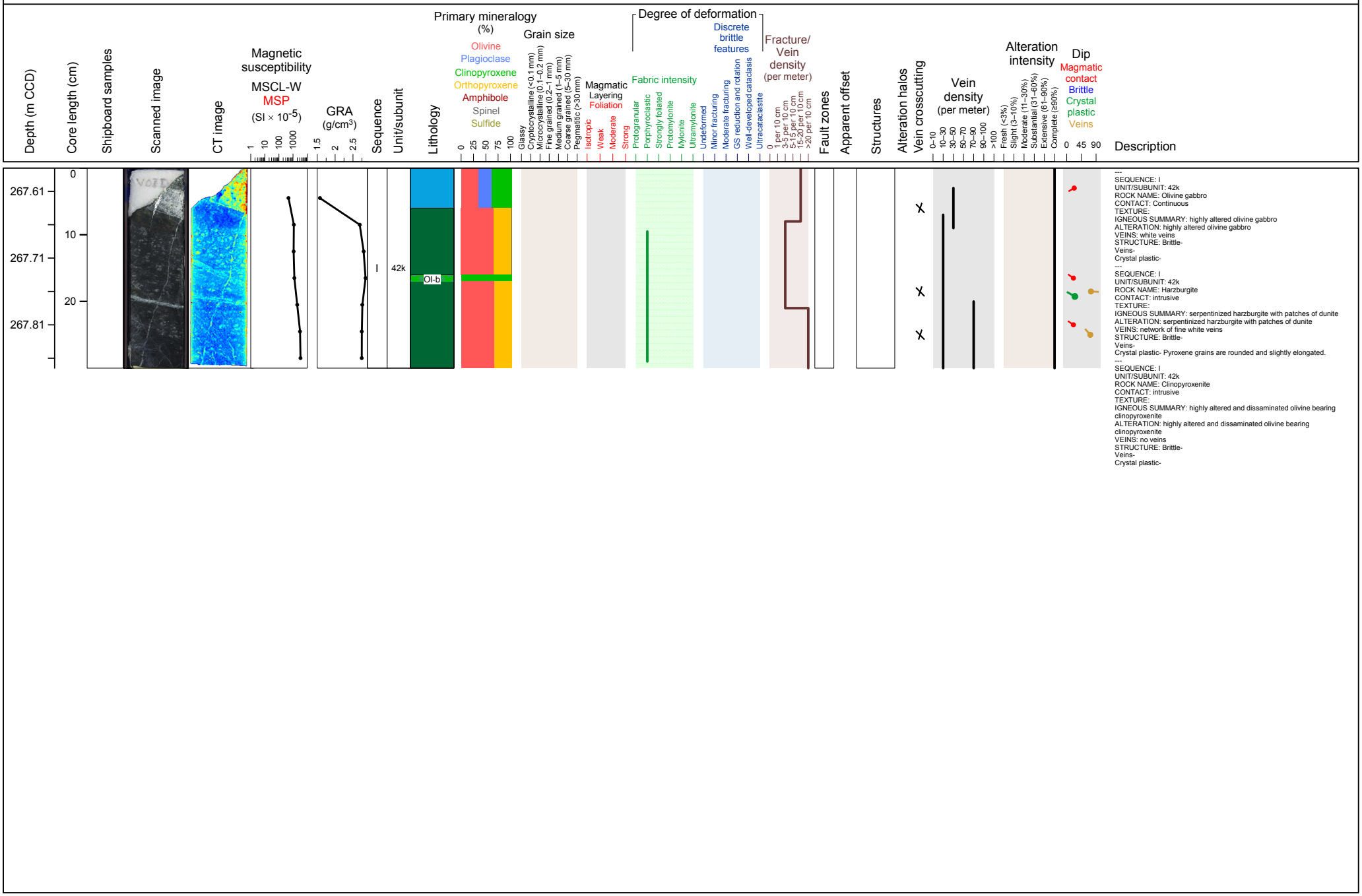
Hole BA4A-97Z Section 4, Top of Section 265.98 (m CCD)



Hole BA4A-98Z Section 1, Top of Section 266.70 (m CCD)



Hole BA4A-98Z Section 2, Top of Section 267.58 (m CCD)

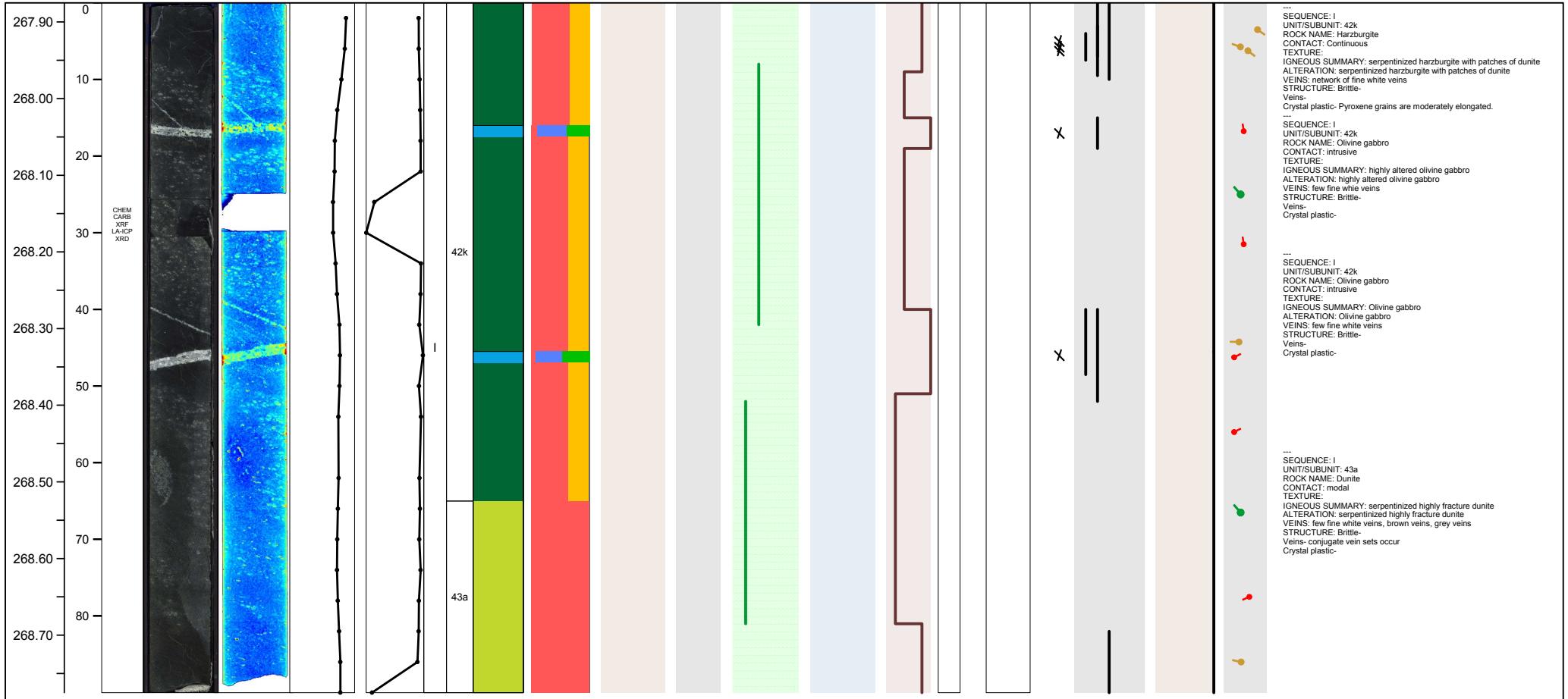


SEQUENCE: I
UNIT/SUBUNIT: 42k
ROCK NAME: Olivine gabbro
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: highly altered olivine gabbro
ALTERATION: highly altered olivine gabbro
VEINS: white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

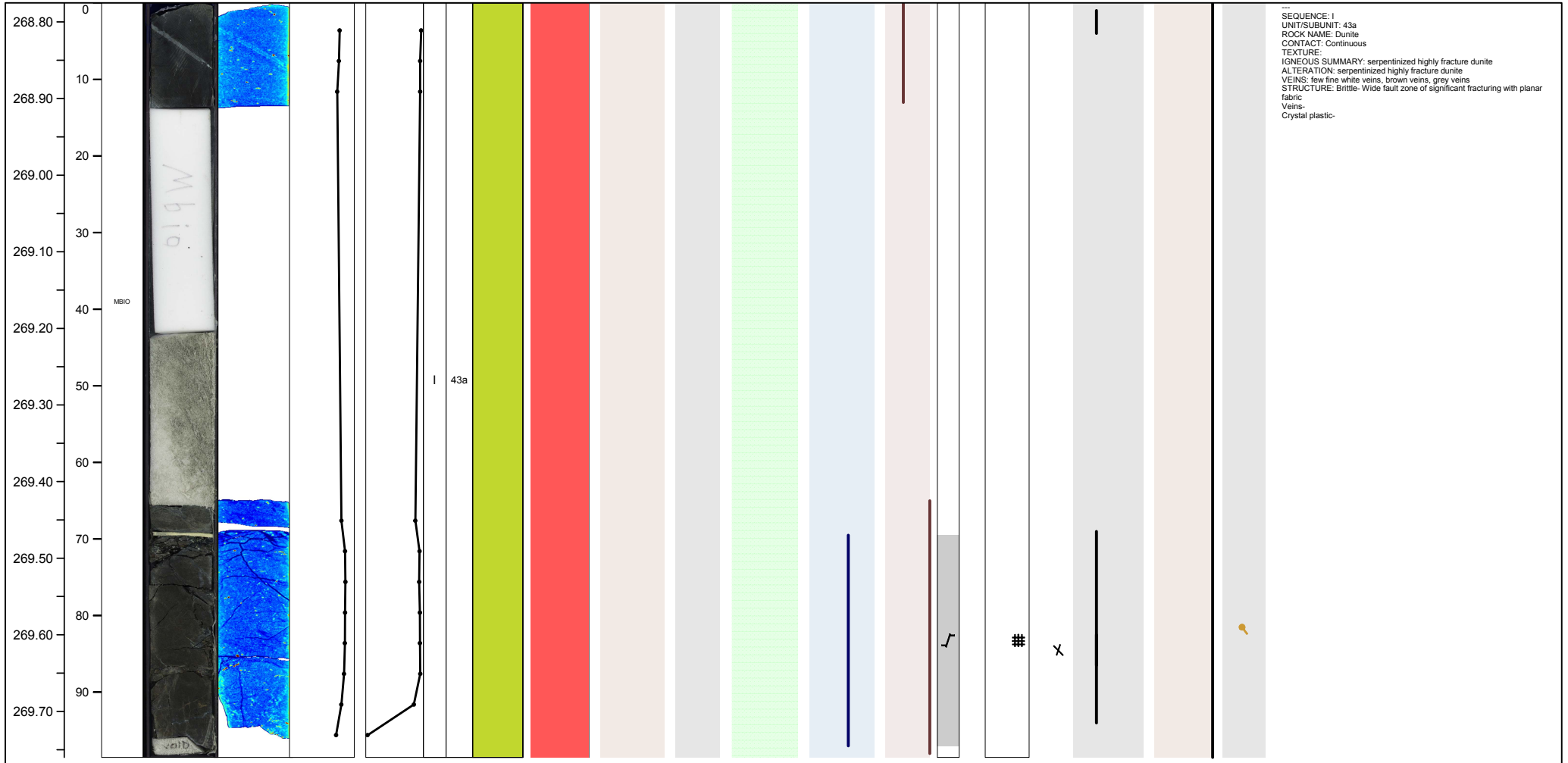
SEQUENCE: I
UNIT/SUBUNIT: 42k
ROCK NAME: Harzburgite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: serpentinized harzburgite with patches of dunite
ALTERATION: serpentinized harzburgite with patches of dunite
VEINS: network of fine white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 42k
ROCK NAME: Clinopyroxenite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: highly altered and dissaminated olivine bearing clinopyroxenite
ALTERATION: highly altered and dissaminated olivine bearing clinopyroxenite
VEINS: no veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

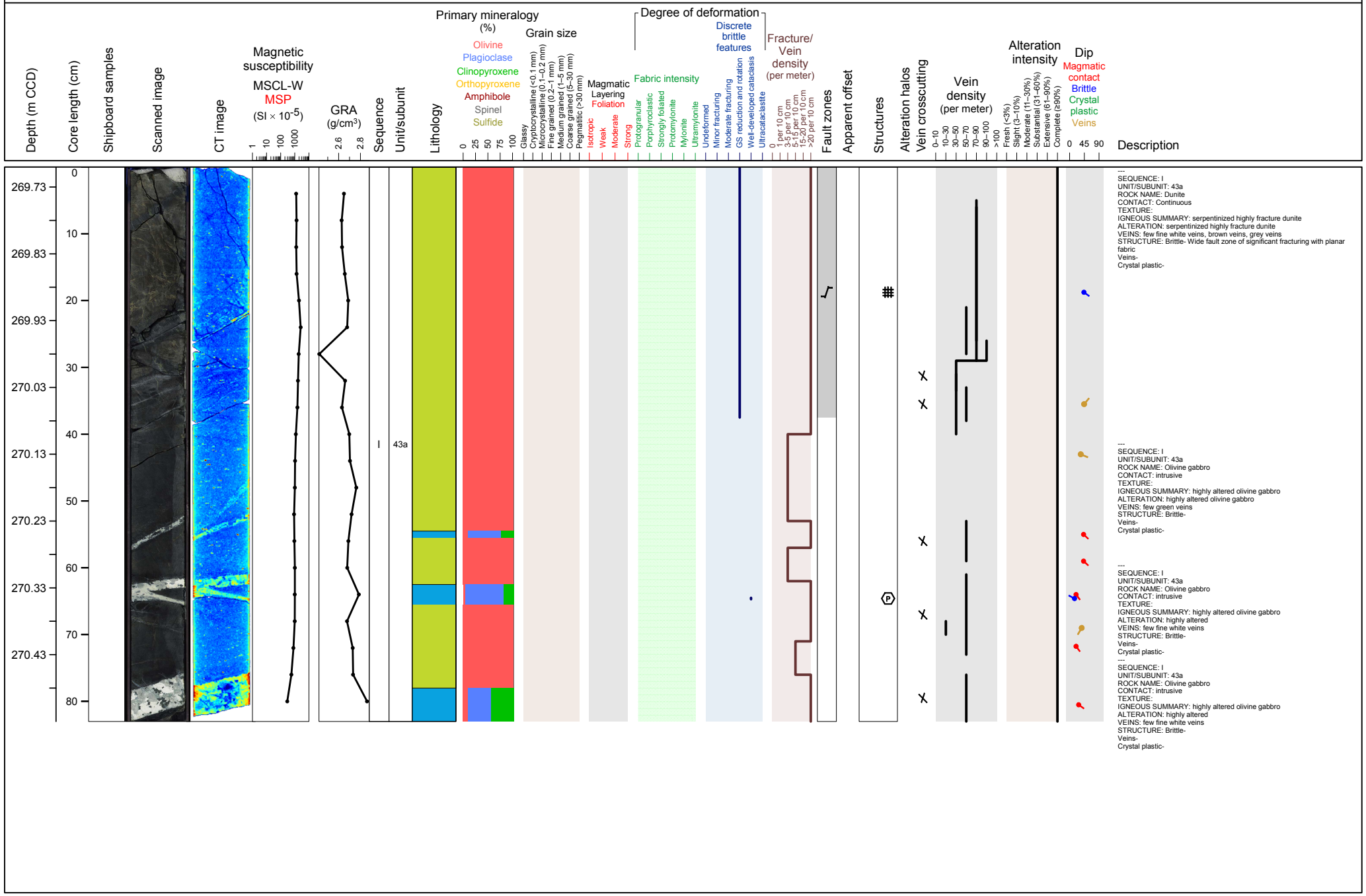
Hole BA4A-98Z Section 3, Top of Section 267.88 (m CCD)



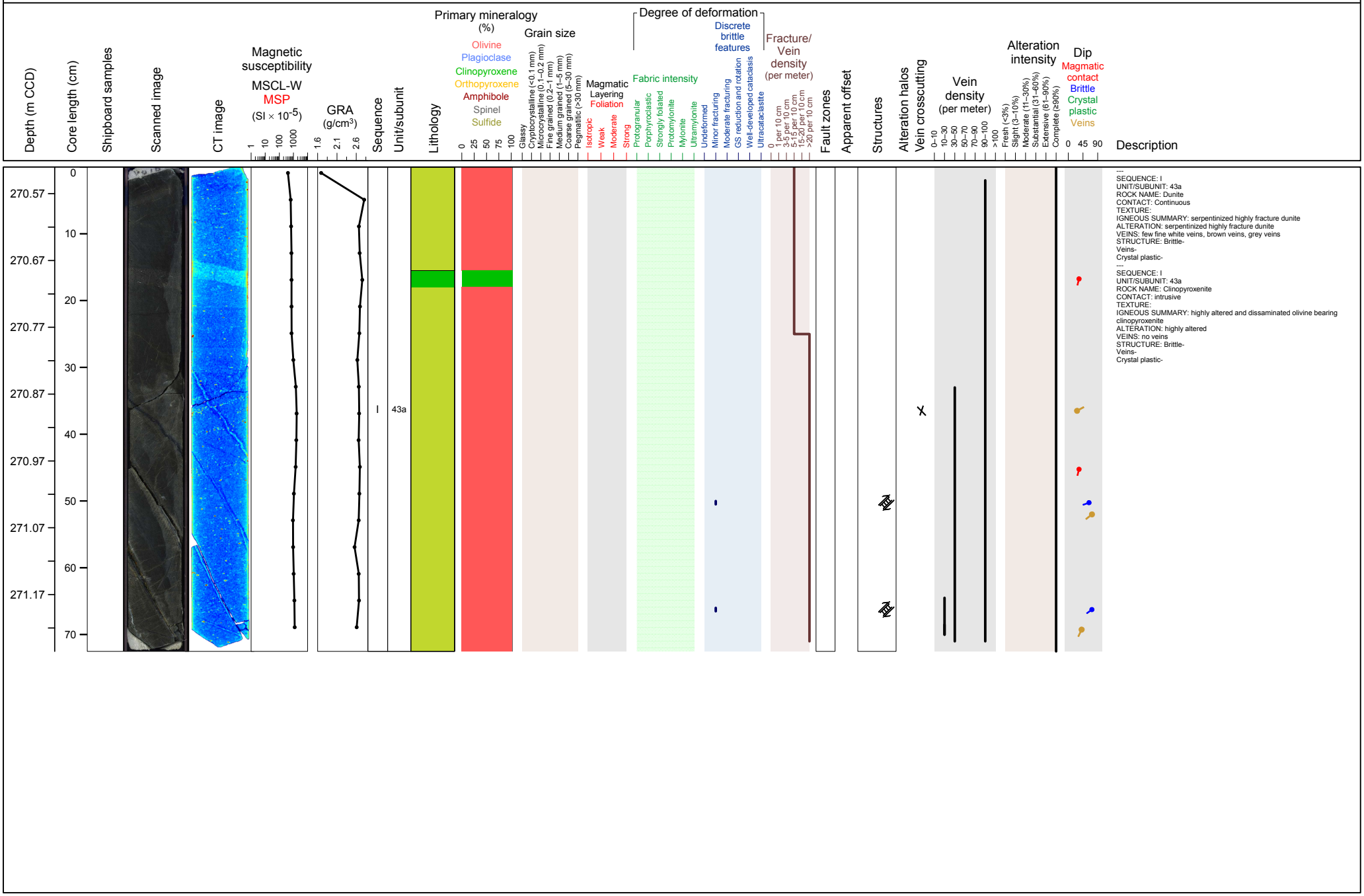
Hole BA4A-98Z Section 4, Top of Section 268.78 (m CCD)



Hole BA4A-99Z Section 1, Top of Section 269.70 (m CCD)



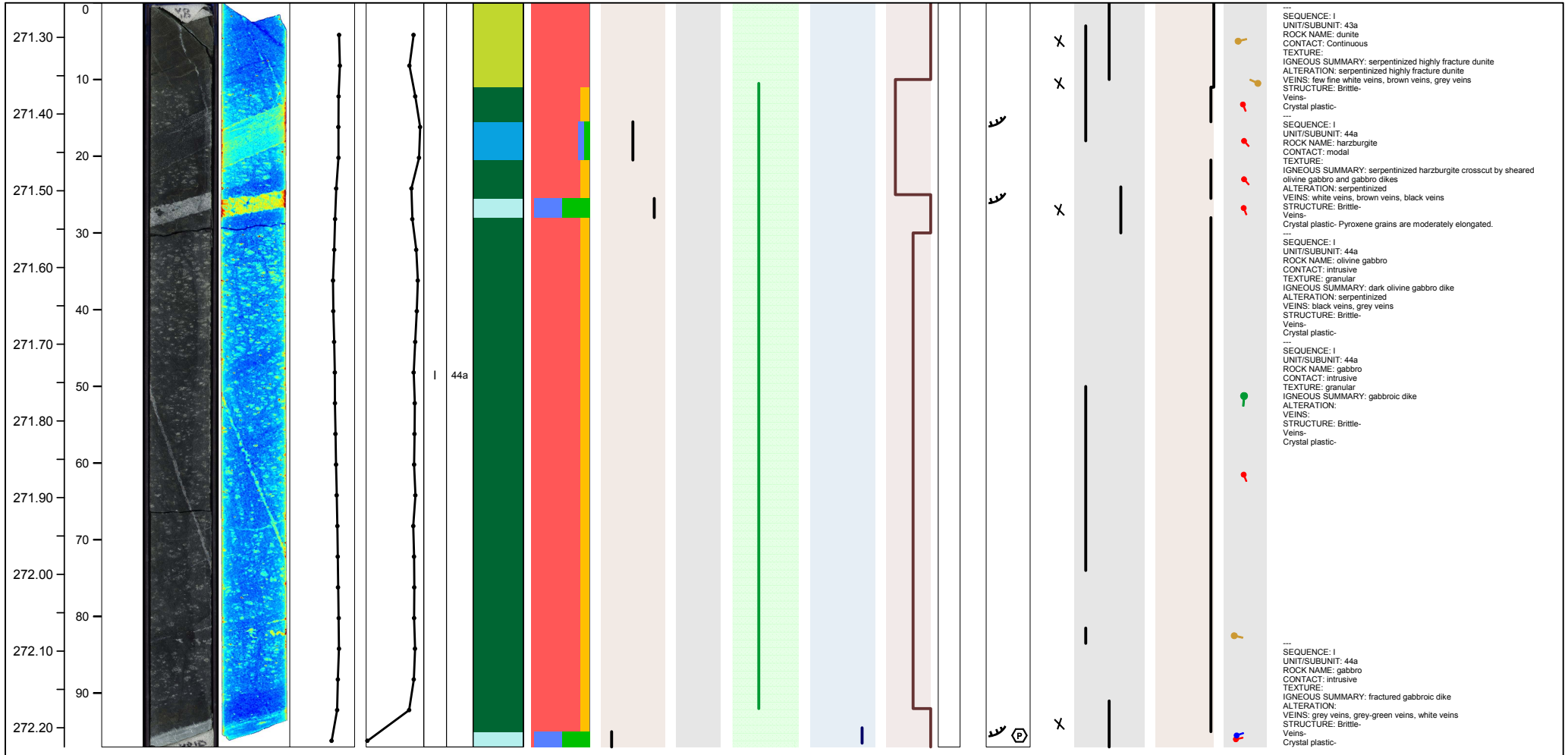
Hole BA4A-99Z Section 2, Top of Section 270.53 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 43a
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized highly fracture dunite
ALTERATION: serpentinized highly fracture dunite
VEINS: few fine white veins, brown veins, grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 43a
ROCK NAME: Clinopyroxenite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: highly altered and dissaminated olivine bearing clinopyroxenite
ALTERATION: highly altered
VEINS: no veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-99Z Section 3, Top of Section 271.26 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 43a
ROCK NAME: dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized highly fracture dunite
ALTERATION: serpentinized highly fracture dunite
VEINS: few fine white veins, brown veins, grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

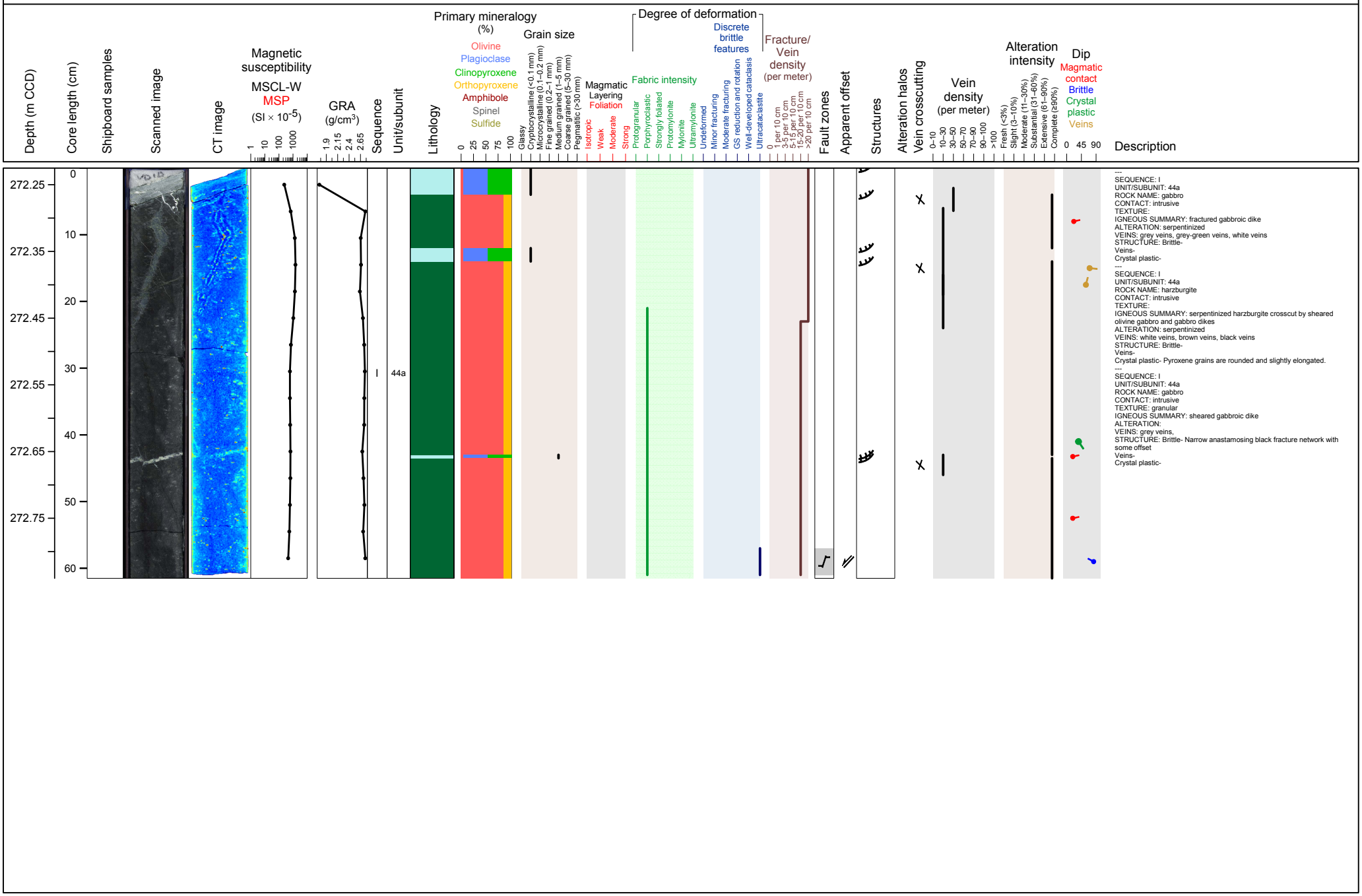
SEQUENCE: I
UNIT/SUBUNIT: 44a
ROCK NAME: harzburgite
CONTACT: modal
TEXTURE:
IGNEOUS SUMMARY: serpentinized harzburgite crosscut by sheared olivine gabbro and gabbro dikes
ALTERATION: serpentinized
VEINS: white veins, brown veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are moderately elongated.

SEQUENCE: I
UNIT/SUBUNIT: 44a
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: dark olivine gabbro dike
ALTERATION: serpentinized
VEINS: black veins, grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 44a
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS:
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 44a
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: fractured gabbroic dike
ALTERATION:
VEINS: grey veins, grey-green veins, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-99Z Section 4, Top of Section 272.23 (m CCD)

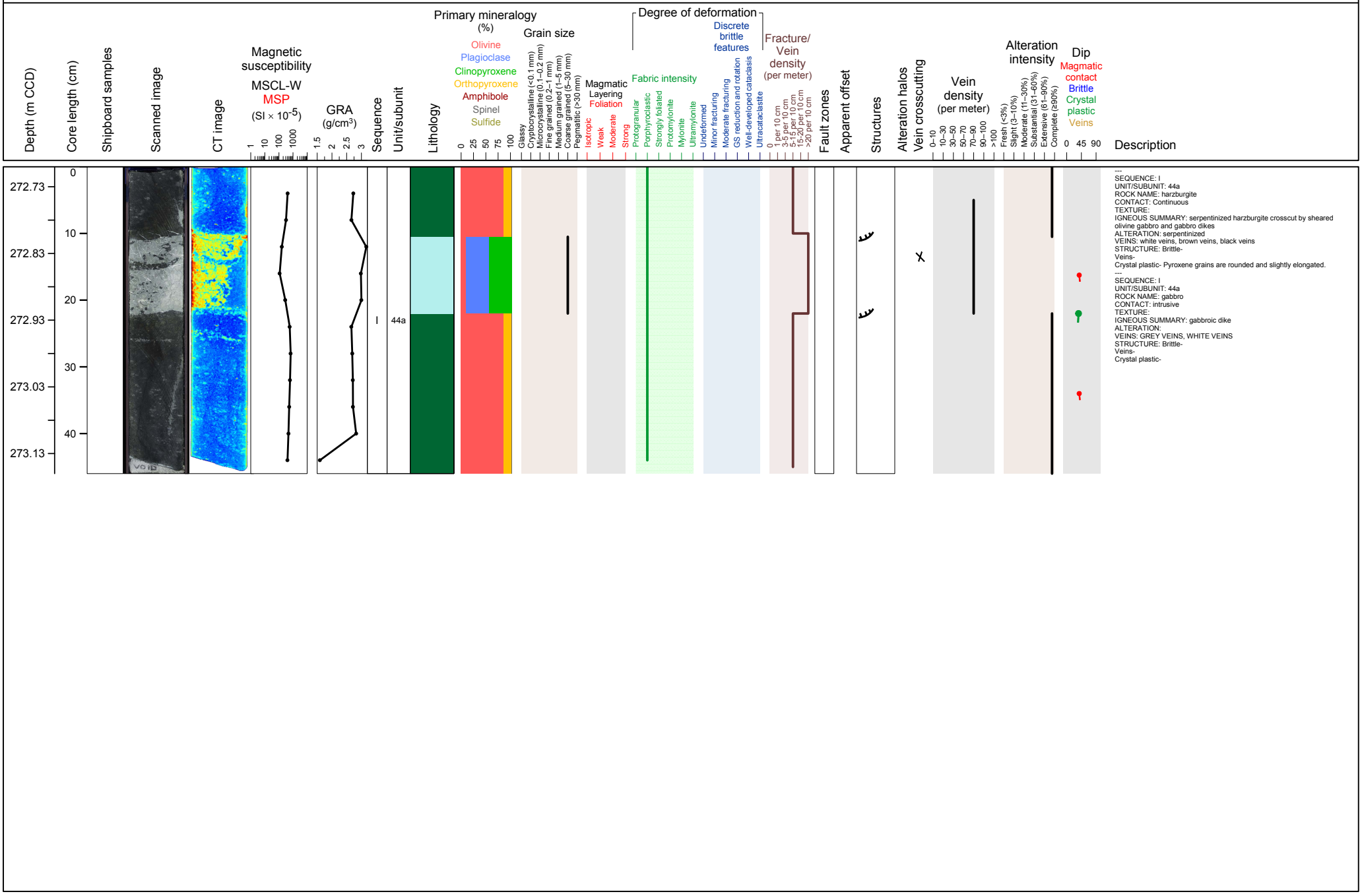


SEQUENCE: I
UNIT/SUBUNIT: 44a
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: fractured gabbroic dike
ALTERATION: serpentinized
VEINS: grey veins, grey-green veins, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

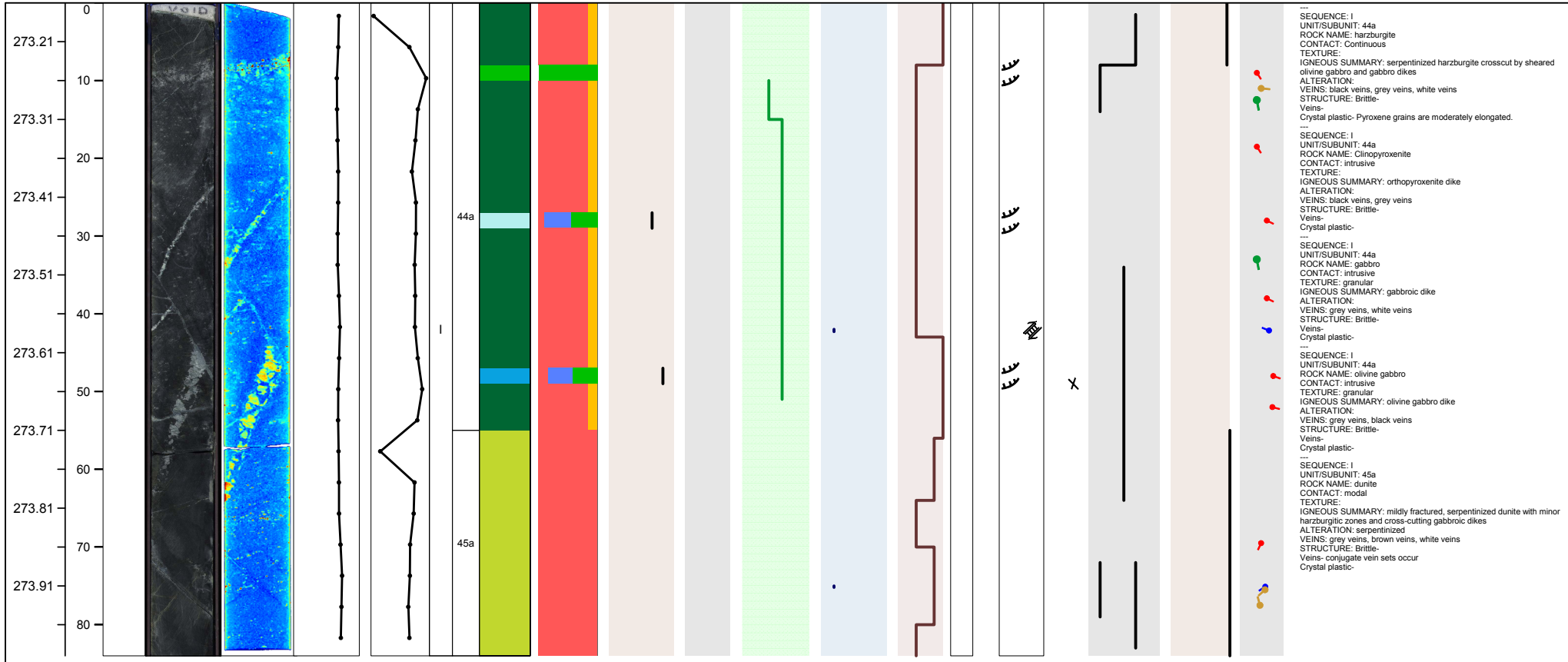
SEQUENCE: I
UNIT/SUBUNIT: 44a
ROCK NAME: harzburgite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: serpentinized harzburgite crosscut by sheared olivine gabbro and gabbro dikes
ALTERATION: serpentinized
VEINS: white veins, brown veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 44a
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: sheared gabbroic dike
ALTERATION:
VEINS: grey veins,
STRUCTURE: Brittle- Narrow anastamosing black fracture network with some offset
Veins-
Crystal plastic-

Hole BA4A-100Z Section 1, Top of Section 272.70 (m CCD)



Hole BA4A-100Z Section 2, Top of Section 273.16 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 44a
ROCK NAME: harzburgite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized harzburgite crosscut by sheared olivine gabbro and gabbro dikes
ALTERATION:
VEINS: black veins, grey veins, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are moderately elongated.

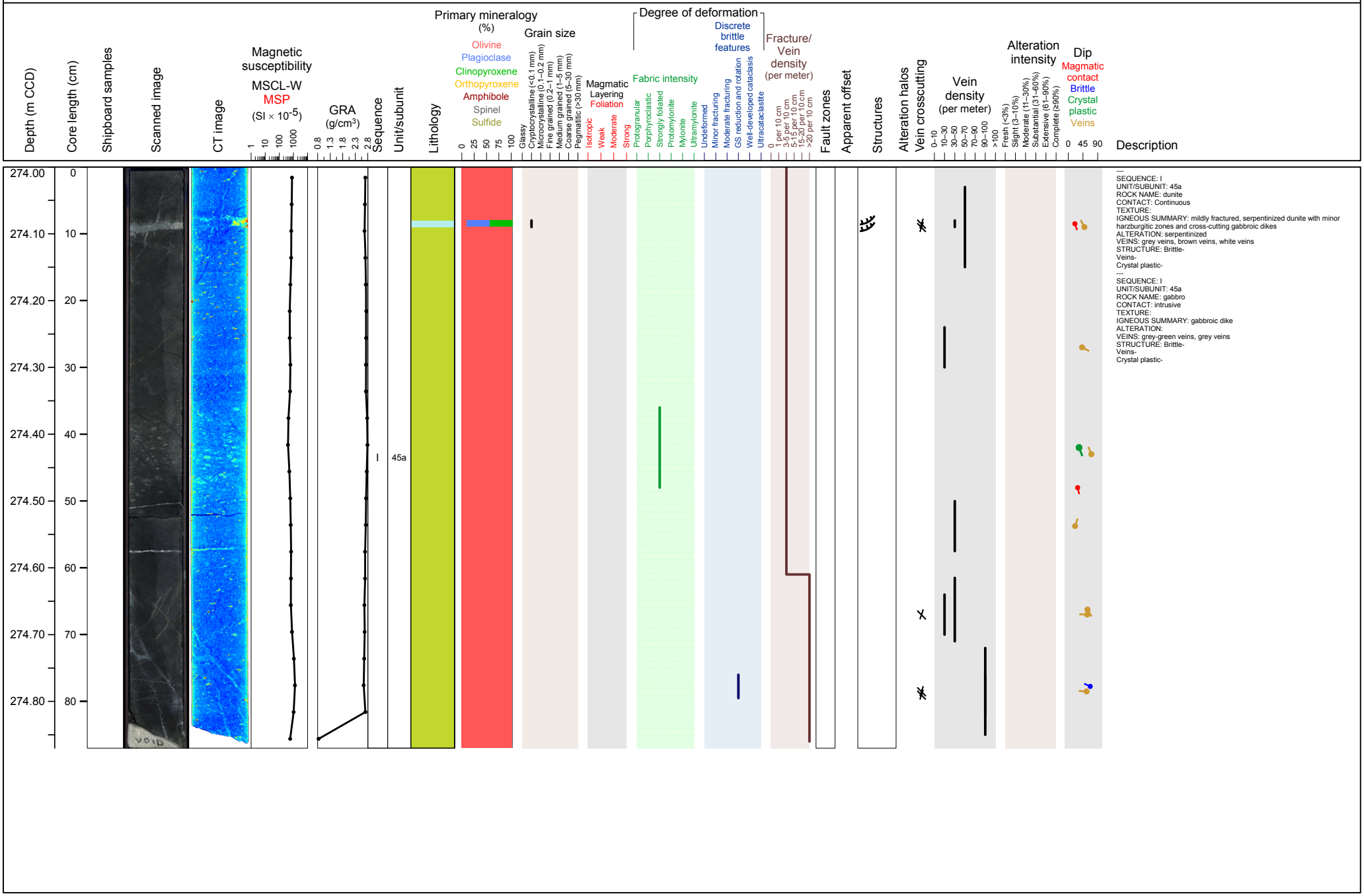
SEQUENCE: I
UNIT/SUBUNIT: 44a
ROCK NAME: Clinopyroxenite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: orthopyroxenite dike
ALTERATION:
VEINS: black veins, grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 44a
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: gabbroic dike
ALTERATION:
VEINS: grey veins, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

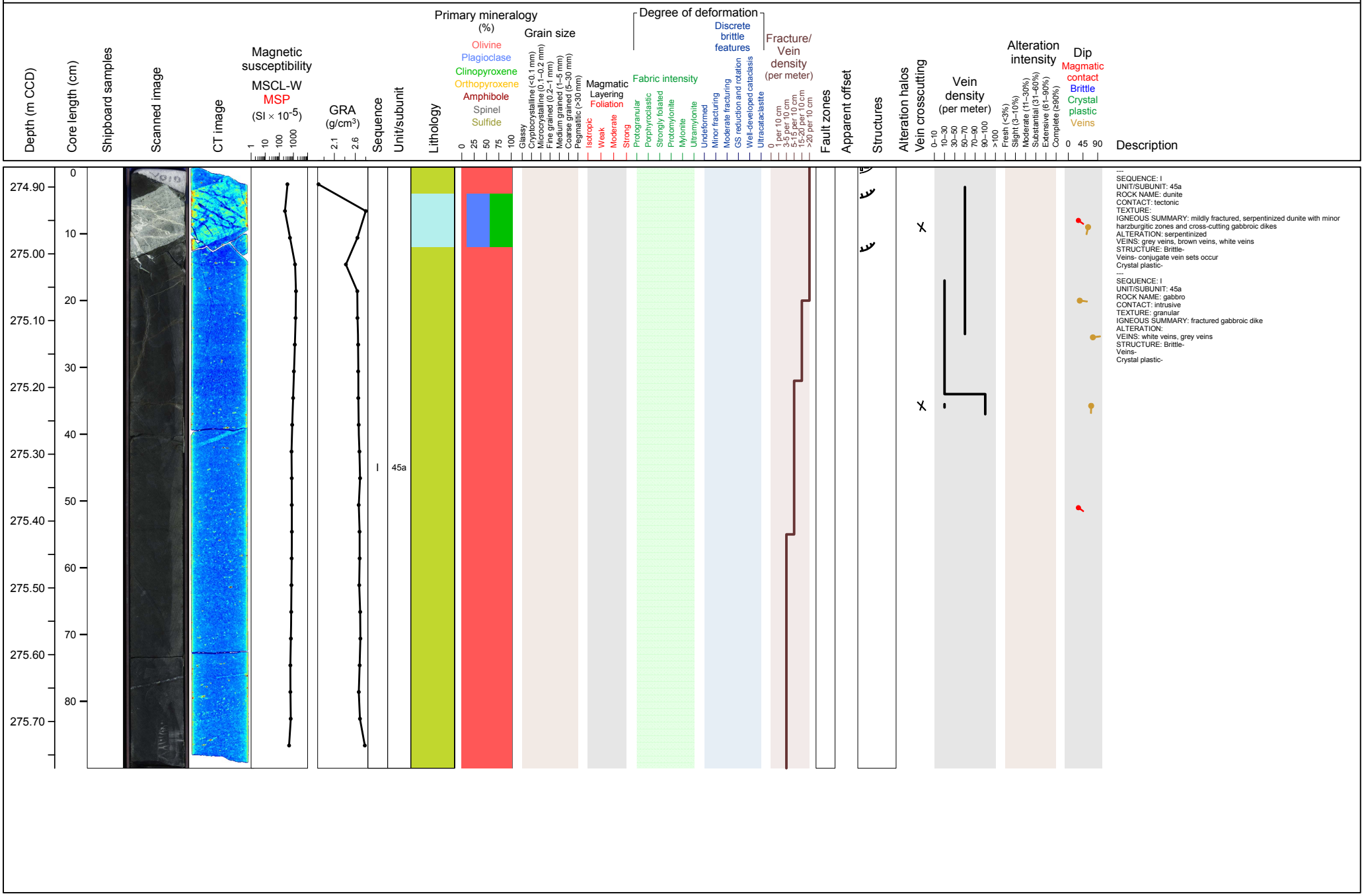
SEQUENCE: I
UNIT/SUBUNIT: 44a
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: olivine gabbro dike
ALTERATION:
VEINS: grey veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 45a
ROCK NAME: dunite
CONTACT: modal
TEXTURE:
IGNEOUS SUMMARY: mildly fractured, serpentinized dunite with minor harzburgitic zones and cross-cutting gabbroic dikes
ALTERATION: serpentinized
VEINS: grey veins, brown veins, white veins
STRUCTURE: Brittle-
Veins- conjugate vein sets occur
Crystal plastic-

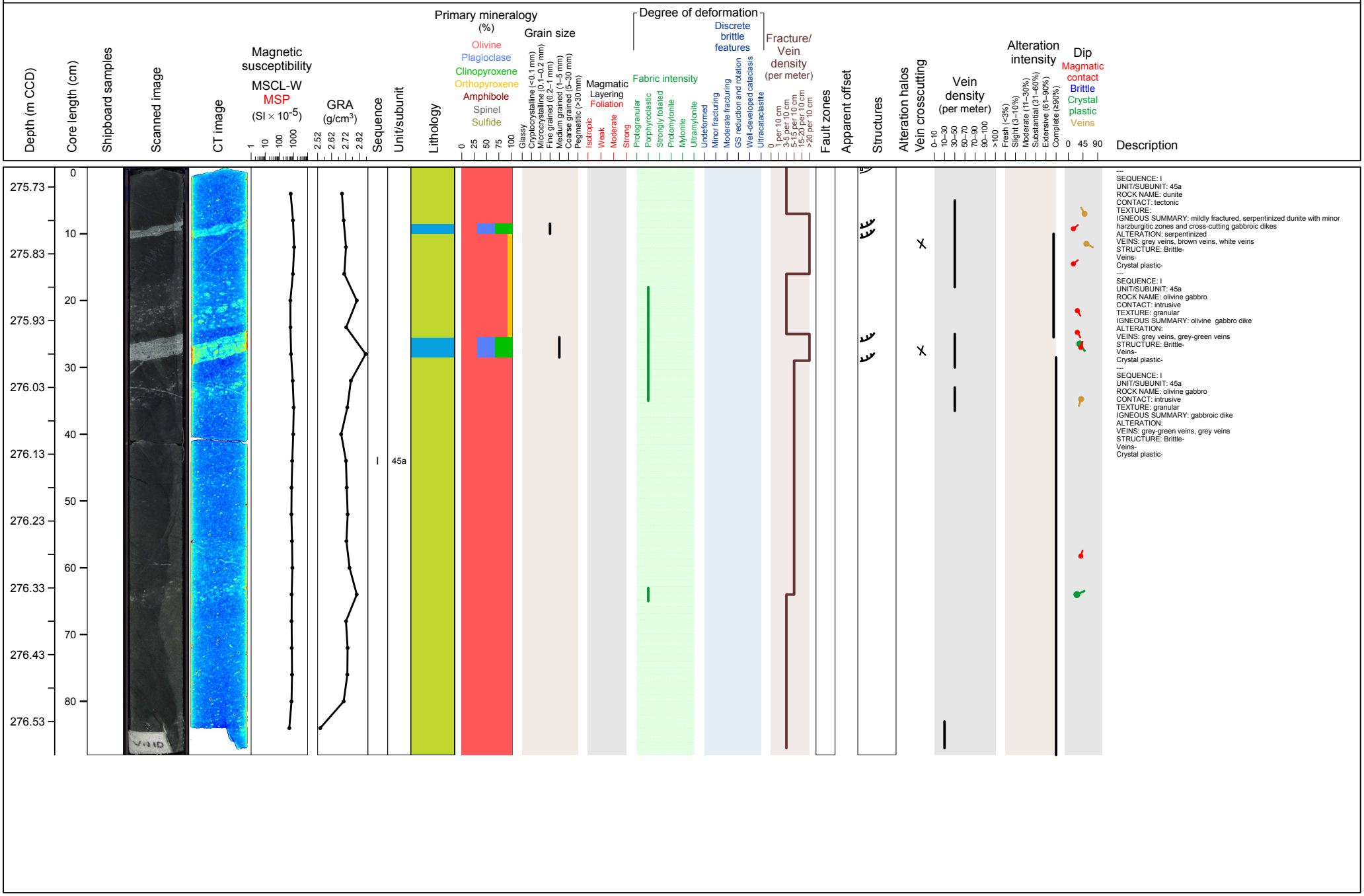
Hole BA4A-100Z Section 3, Top of Section 274.00 (m CCD)



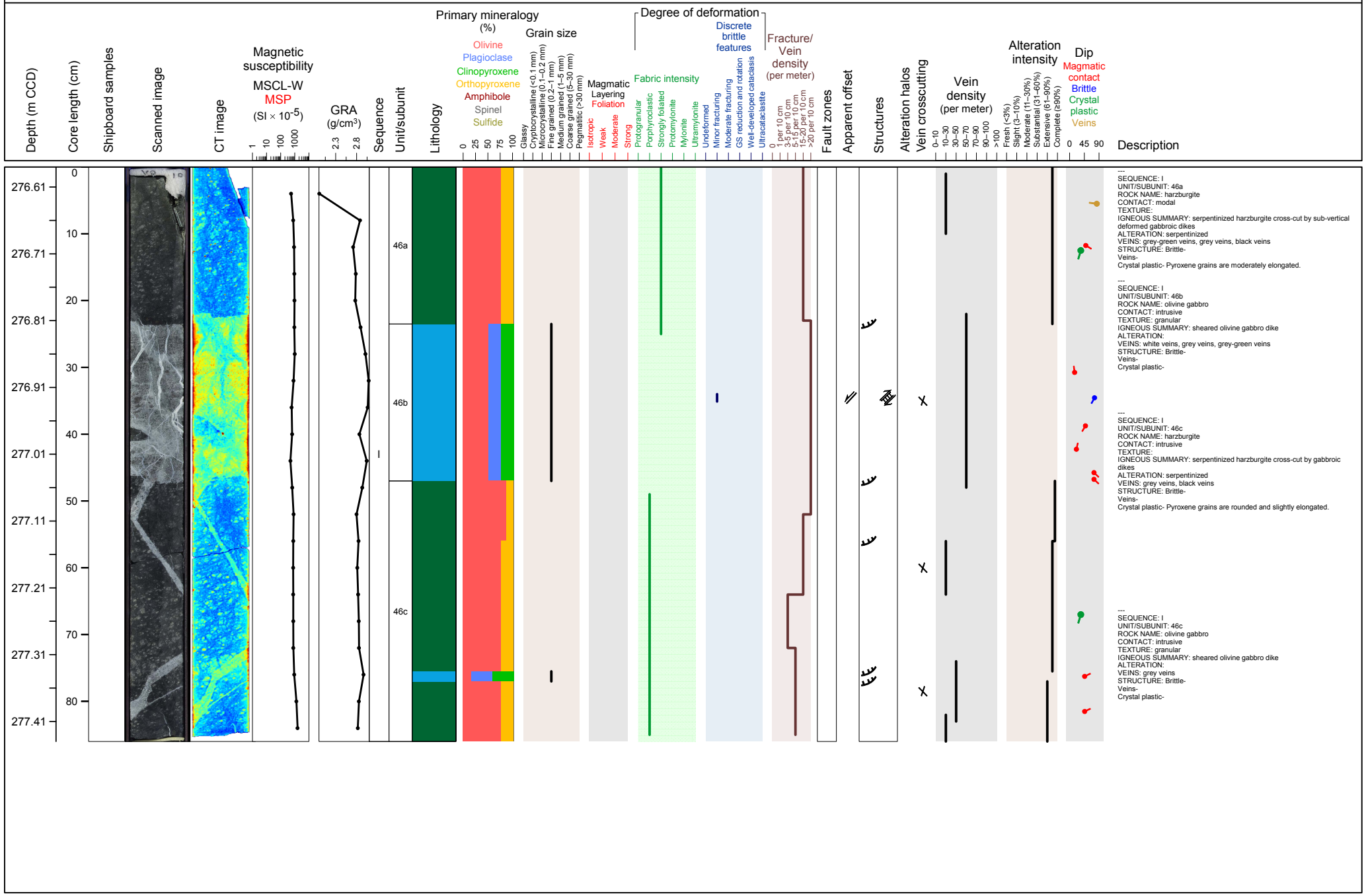
Hole BA4A-100Z Section 4, Top of Section 274.87 (m CCD)



Hole BA4A-101Z Section 1, Top of Section 275.70 (m CCD)



Hole BA4A-101Z Section 2, Top of Section 276.58 (m CCD)



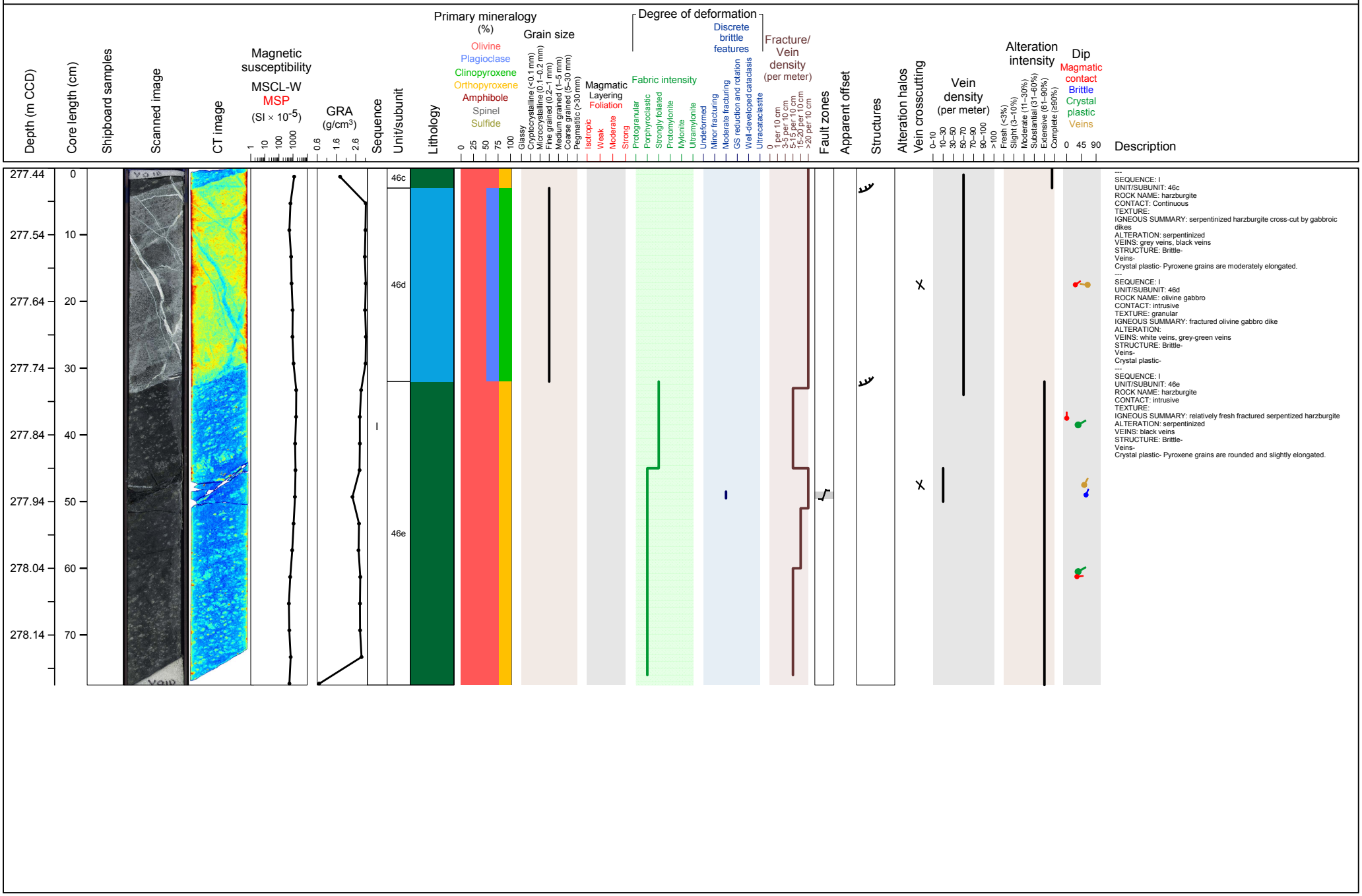
SEQUENCE: I
UNIT/SUBUNIT: 46a
ROCK NAME: harzburgite
CONTACT: modal
TEXTURE:
IGNEOUS SUMMARY: serpentinized harzburgite cross-cut by sub-vertical deformed gabbroic dikes
ALTERATION: serpentinized
VEINS: grey-green veins, grey veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are moderately elongated.

SEQUENCE: I
UNIT/SUBUNIT: 46b
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: sheared olivine gabbro dike
ALTERATION:
VEINS: white veins, grey veins, grey-green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

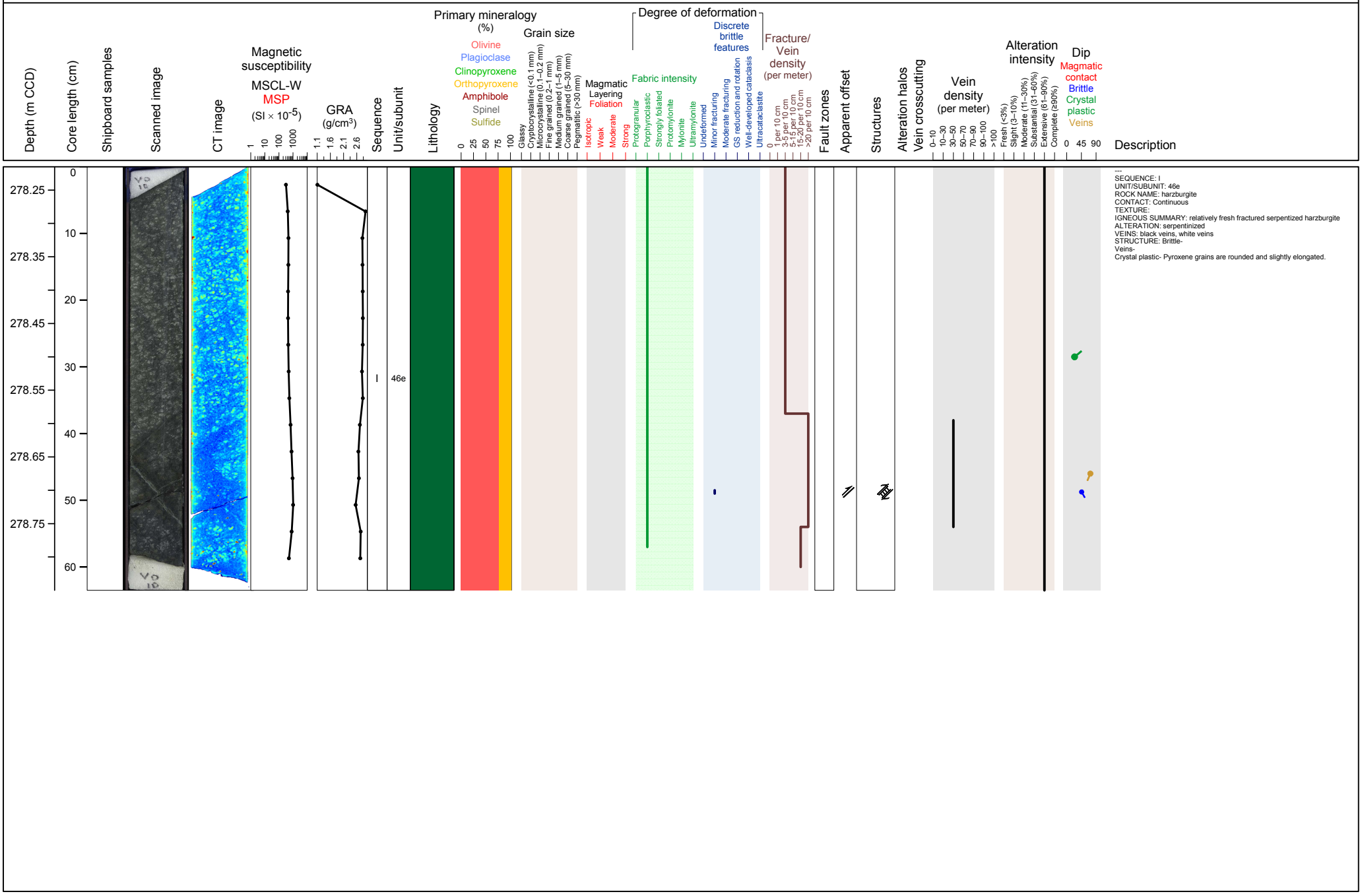
SEQUENCE: I
UNIT/SUBUNIT: 46c
ROCK NAME: harzburgite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: serpentinized harzburgite cross-cut by gabbroic dikes
ALTERATION: serpentinized
VEINS: grey veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 46c
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: sheared olivine gabbro dike
ALTERATION:
VEINS: grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

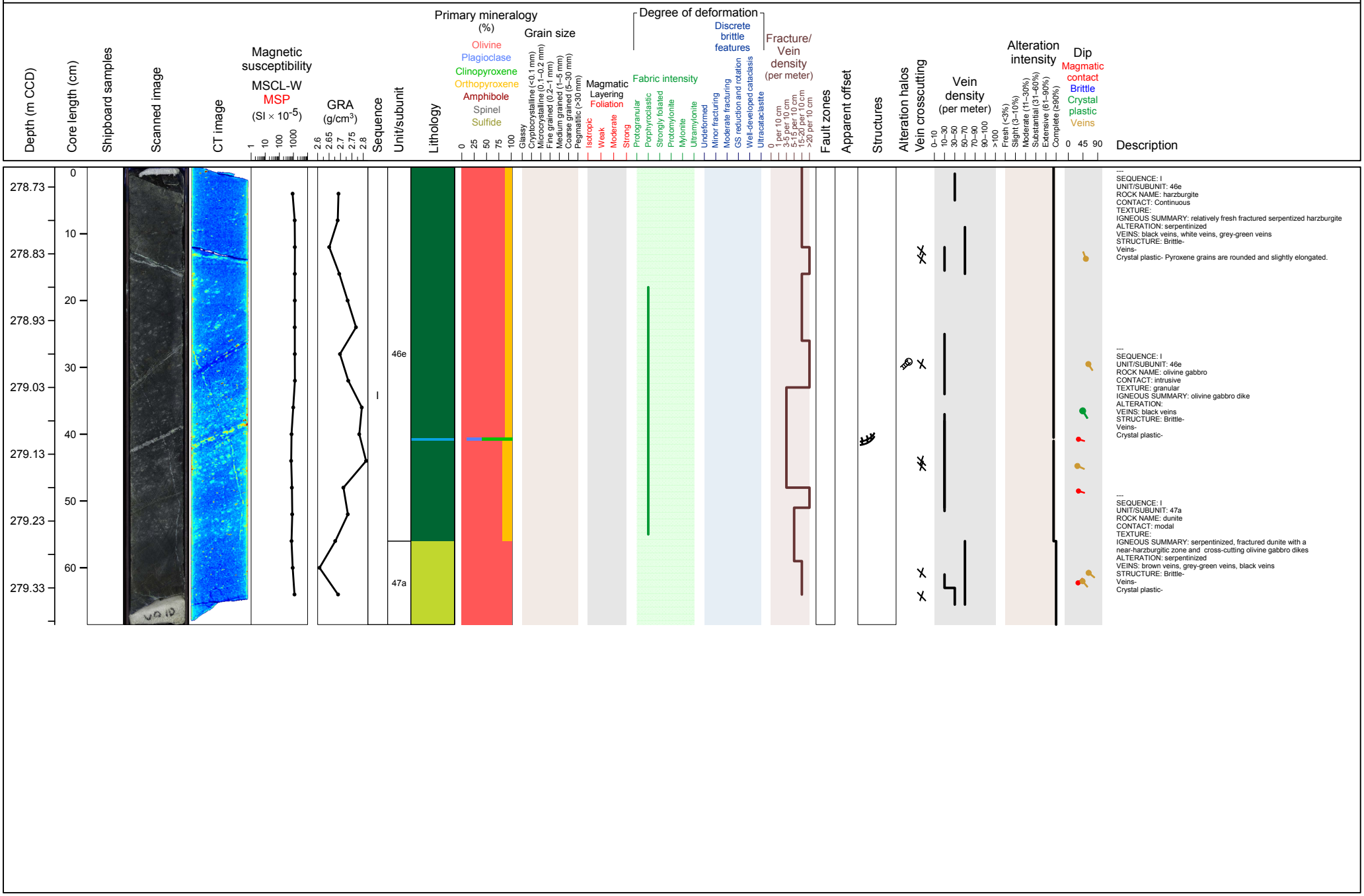
Hole BA4A-101Z Section 3, Top of Section 277.44 (m CCD)



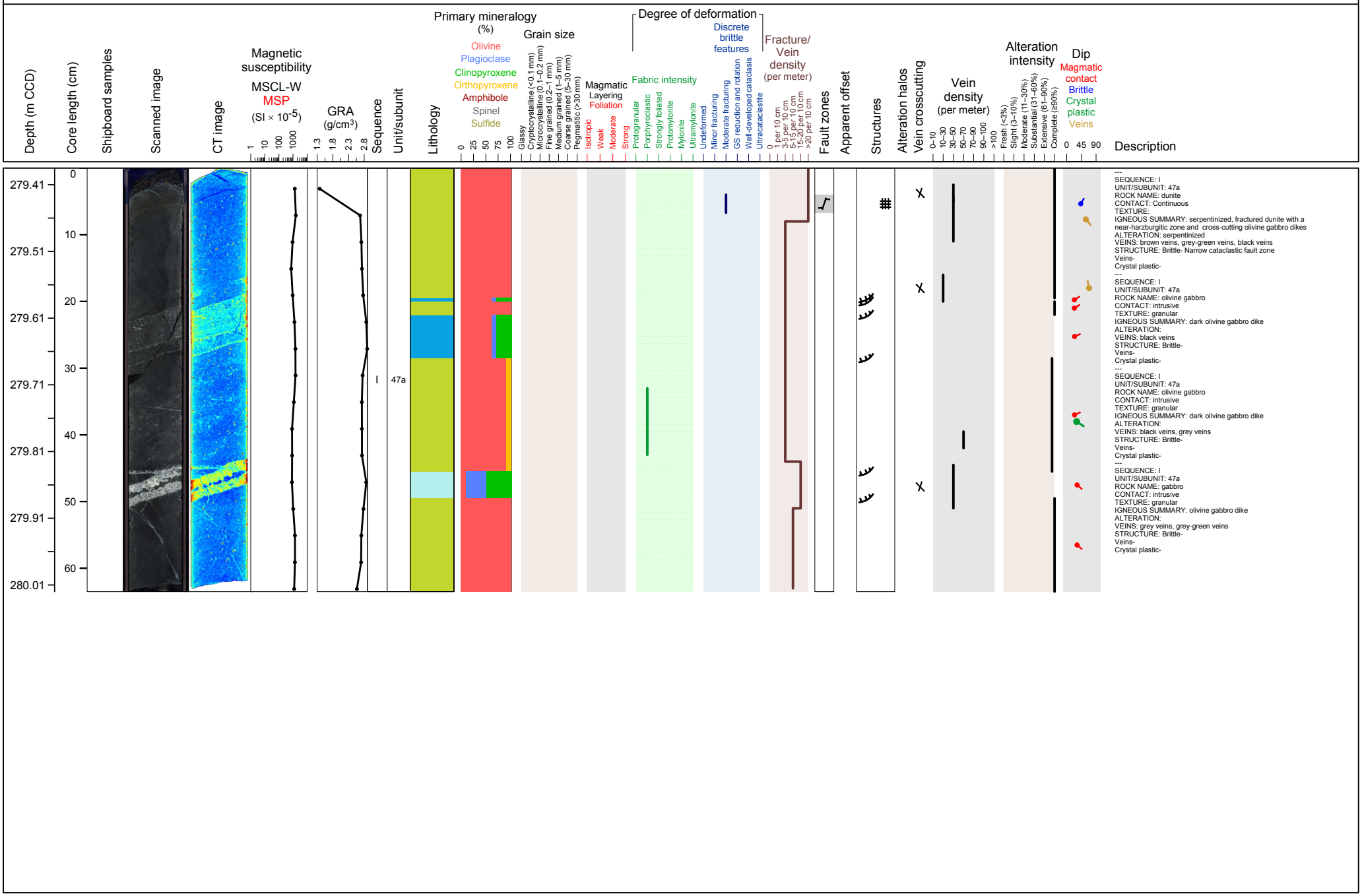
Hole BA4A-101Z Section 4, Top of Section 278.22 (m CCD)



Hole BA4A-102Z Section 1, Top of Section 278.70 (m CCD)



Hole BA4A-102Z Section 2, Top of Section 279.39 (m CCD)



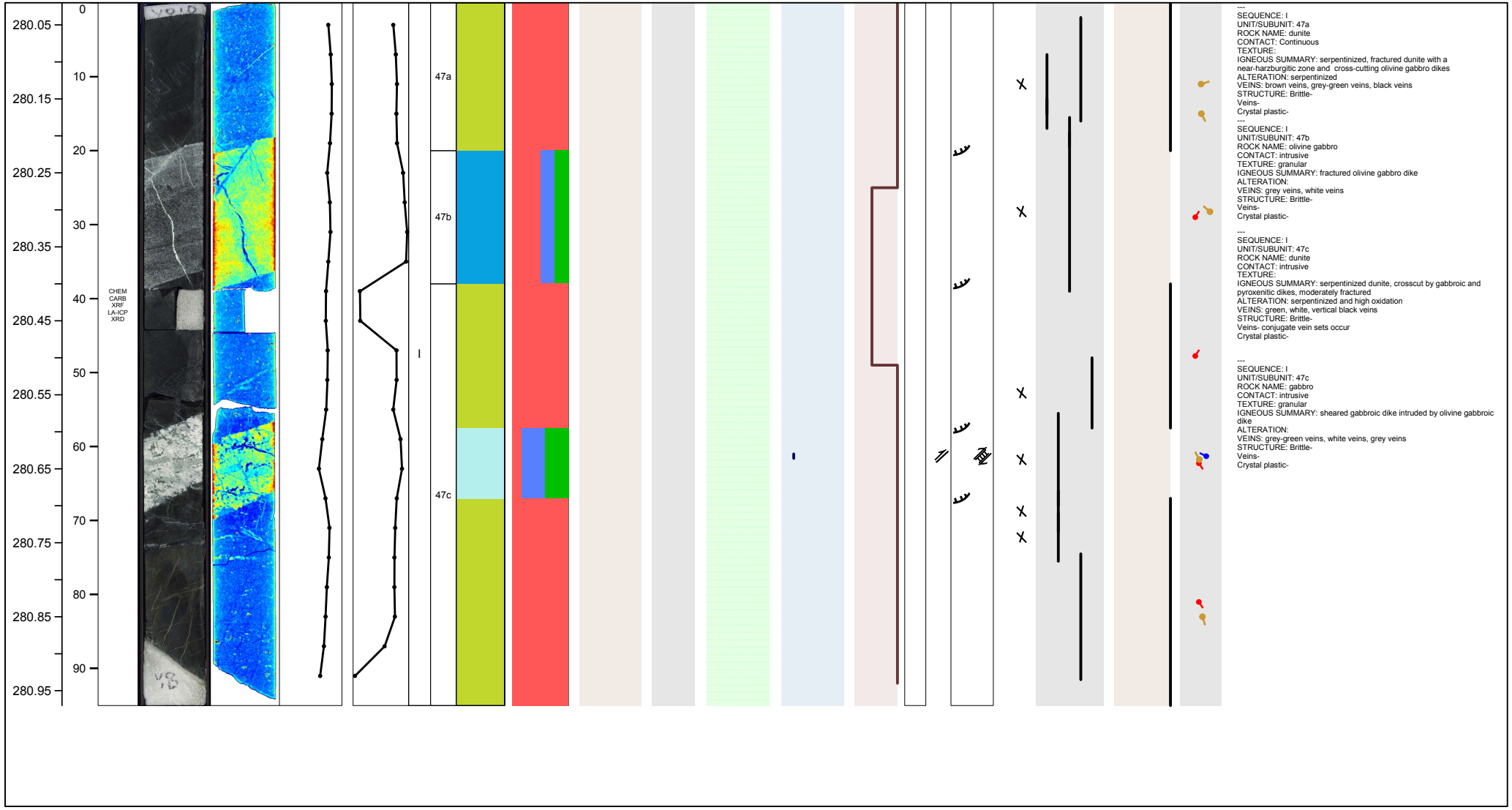
SEQUENCE: I
UNIT/SUBUNIT: 47a
ROCK NAME: dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized, fractured dunite with a near-harzburgitic zone and cross-cutting olivine gabbro dikes
ALTERATION: serpentinized
VEINS: brown veins, grey-green veins, black veins
STRUCTURE: Brittle- Narrow cataclastic fault zone
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 47a
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: dark olivine gabbro dike
ALTERATION:
VEINS: black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 47a
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: dark olivine gabbro dike
ALTERATION:
VEINS: black veins, grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 47a
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: olivine gabbro dike
ALTERATION:
VEINS: grey veins, grey-green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-102Z Section 3, Top of Section 280.02 (m CCD)



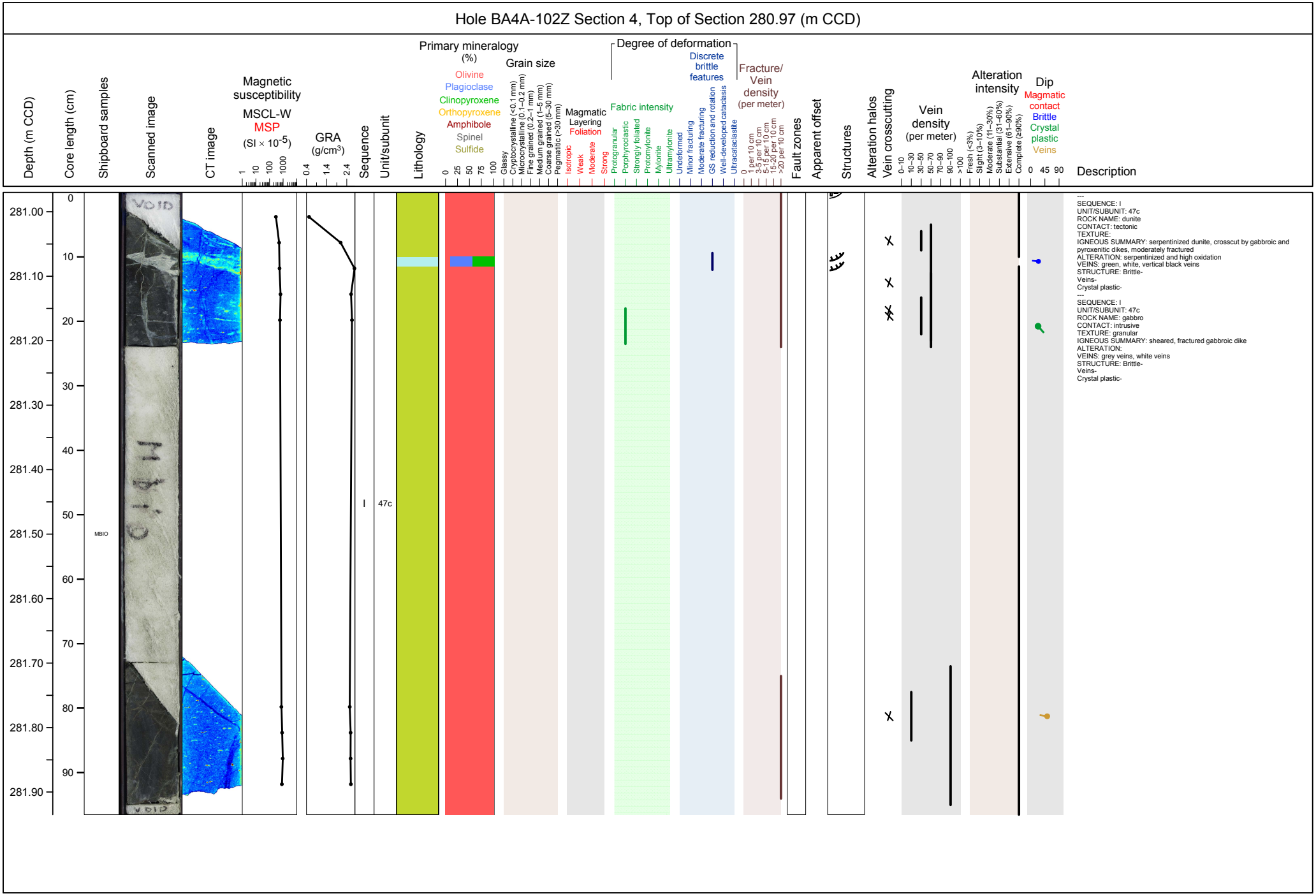
SEQUENCE: I
UNIT/SUBUNIT: 47a
ROCK NAME: dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized, fractured dunite with a near-harzburgitic zone and cross-cutting olivine gabbro dikes
ALTERATION: serpentinized
VEINS: brown veins, grey-green veins, black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 47b
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: fractured olivine gabbro dike
ALTERATION:
VEINS: grey veins, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 47c
ROCK NAME: dunite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite, crosscut by gabbroic and pyroxenitic dikes, moderately fractured
ALTERATION: serpentinized and high oxidation
VEINS: green, white, vertical black veins
STRUCTURE: Brittle-
Veins- conjugate vein sets occur
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 47c
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: sheared gabbroic dike intruded by olivine gabbroic dike
ALTERATION:
VEINS: grey-green veins, white veins, grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

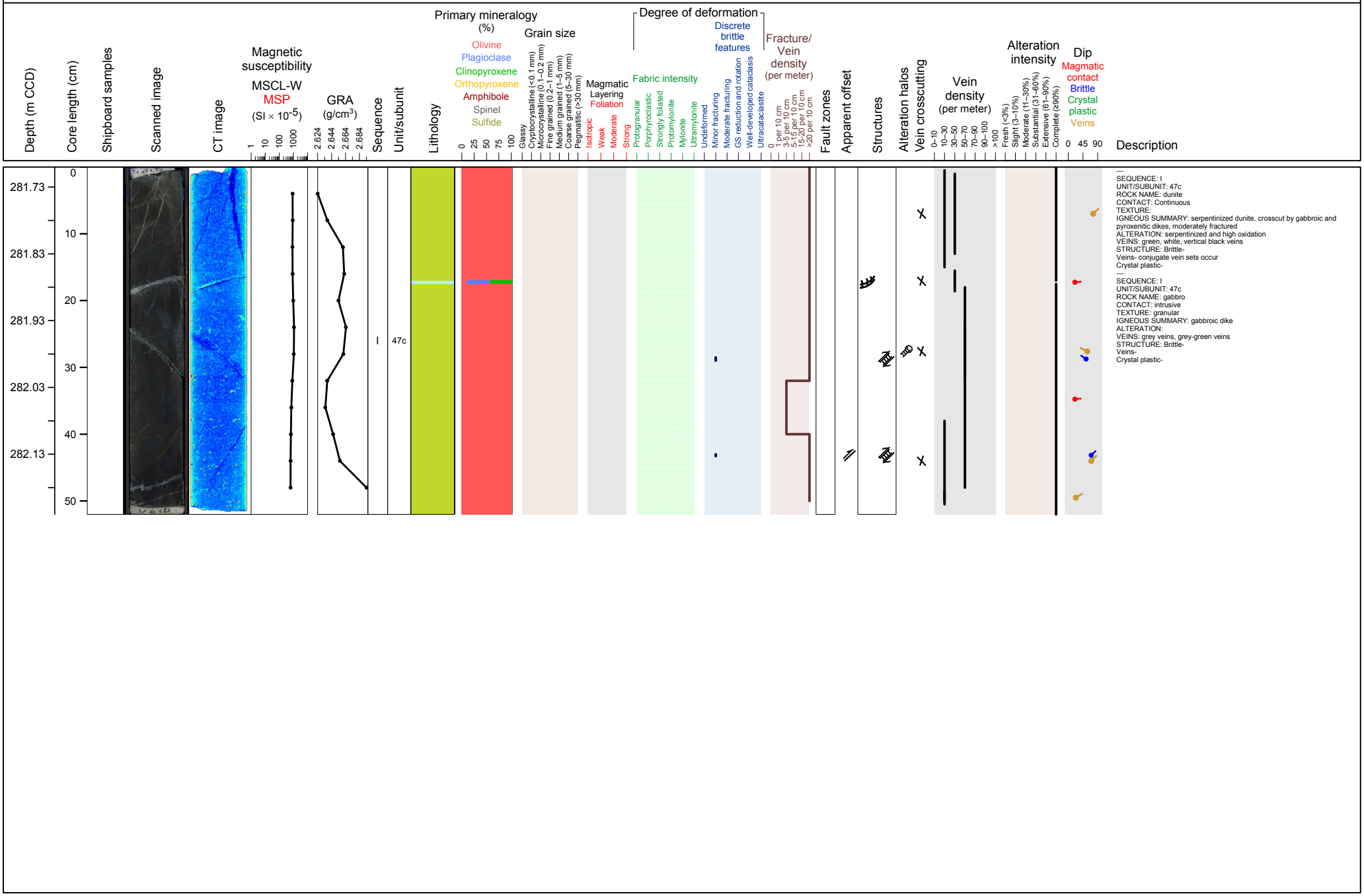
Hole BA4A-102Z Section 4, Top of Section 280.97 (m CCD)



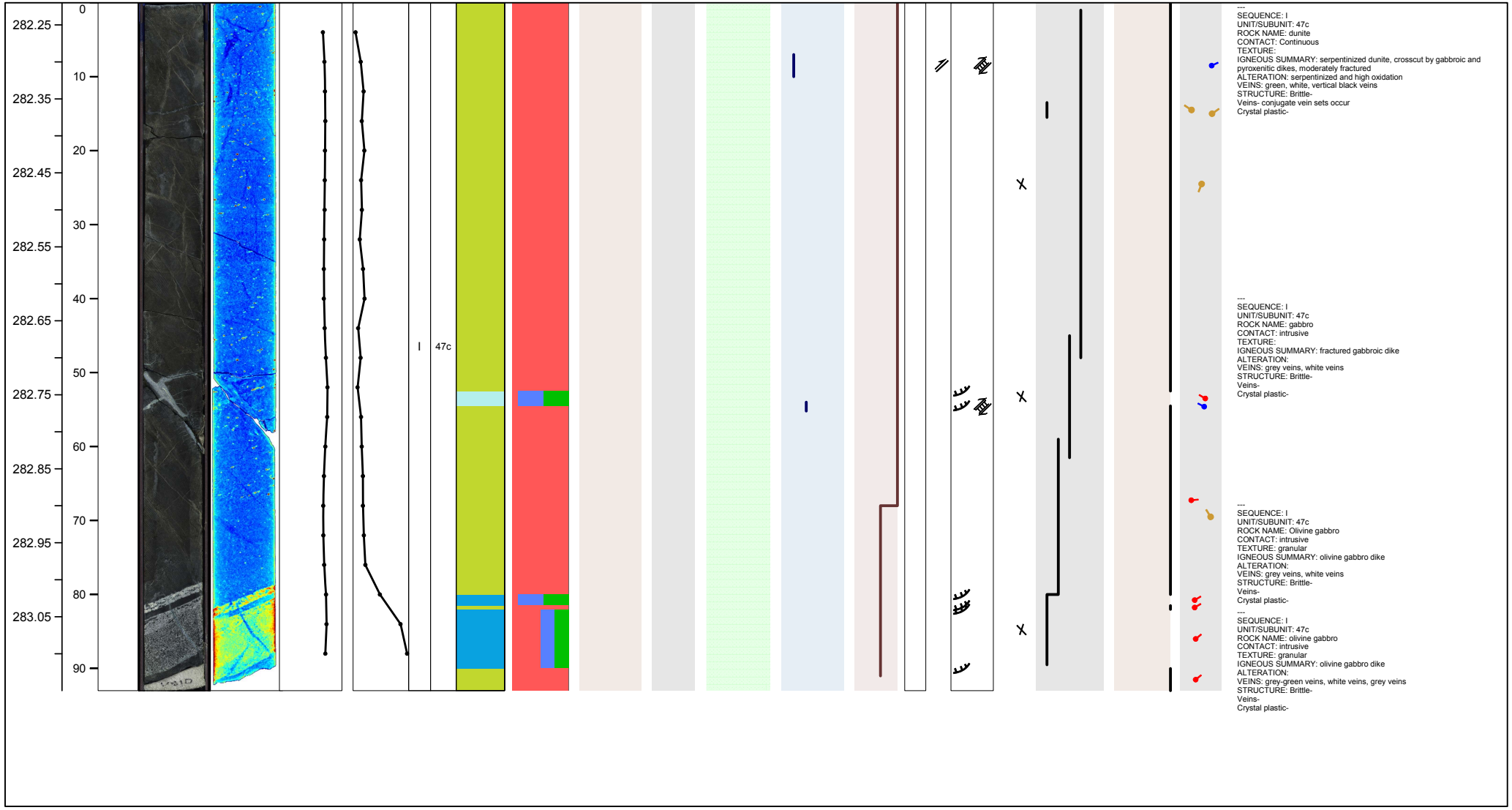
SEQUENCE: I
UNIT/SUBUNIT: 47c
ROCK NAME: dunite
CONTACT: tectonic
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite, crosscut by gabbroic and pyroxenitic dikes, moderately fractured
ALTERATION: serpentinized and high oxidation
VEINS: green, white, vertical black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 47c
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: sheared, fractured gabbroic dike
ALTERATION:
VEINS: grey veins, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-103Z Section 1, Top of Section 281.70 (m CCD)



Hole BA4A-103Z Section 2, Top of Section 282.22 (m CCD)



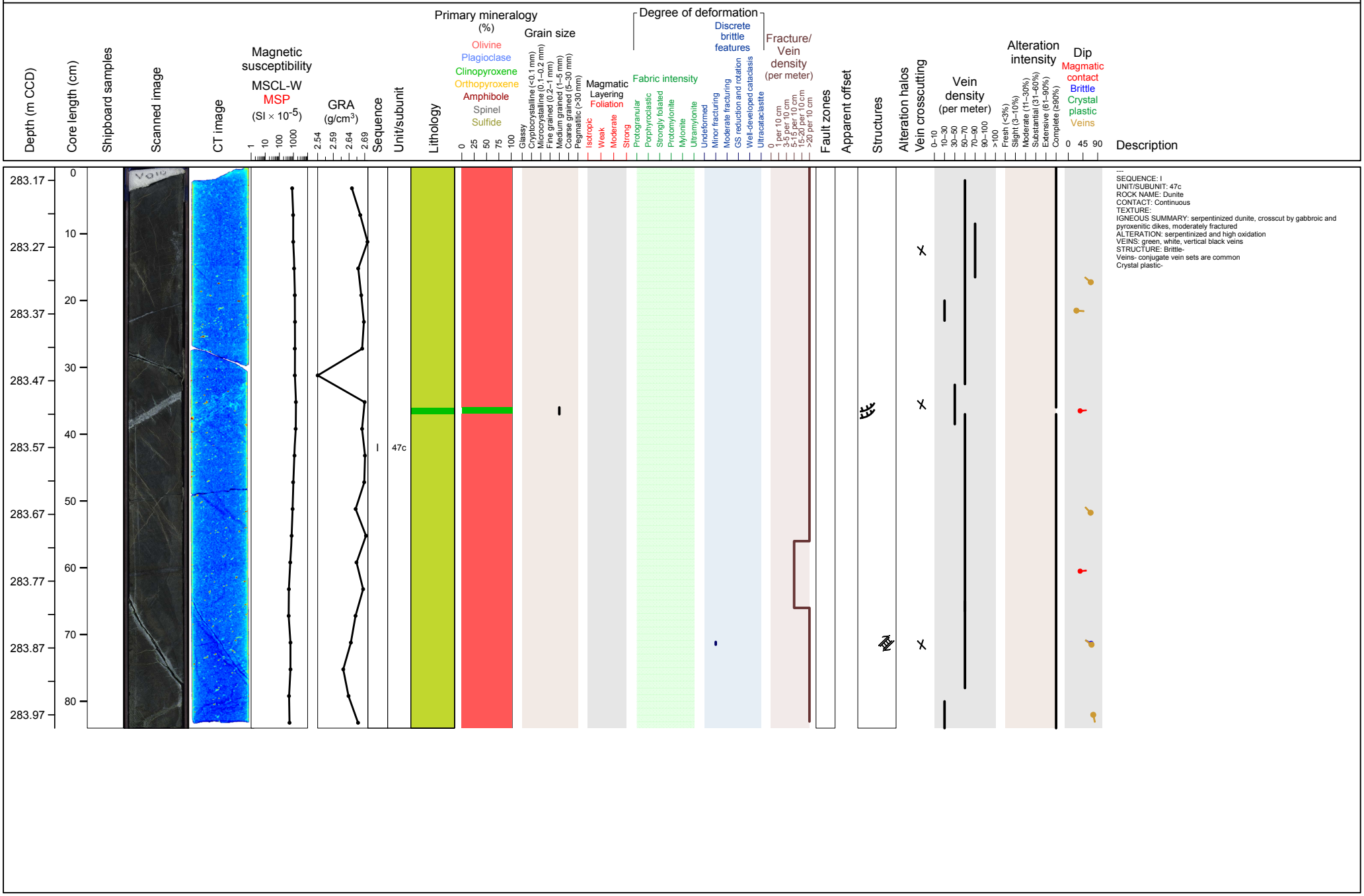
SEQUENCE: I
UNIT/SUBUNIT: 47c
ROCK NAME: dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite, crosscut by gabbroic and pyroxenitic dikes, moderately fractured
ALTERATION: serpentinized and high oxidation
VEINS: green, white, vertical black veins
STRUCTURE: Brittle-
Veins- conjugate vein sets occur
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 47c
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: fractured gabbroic dike
ALTERATION:
VEINS: grey veins, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

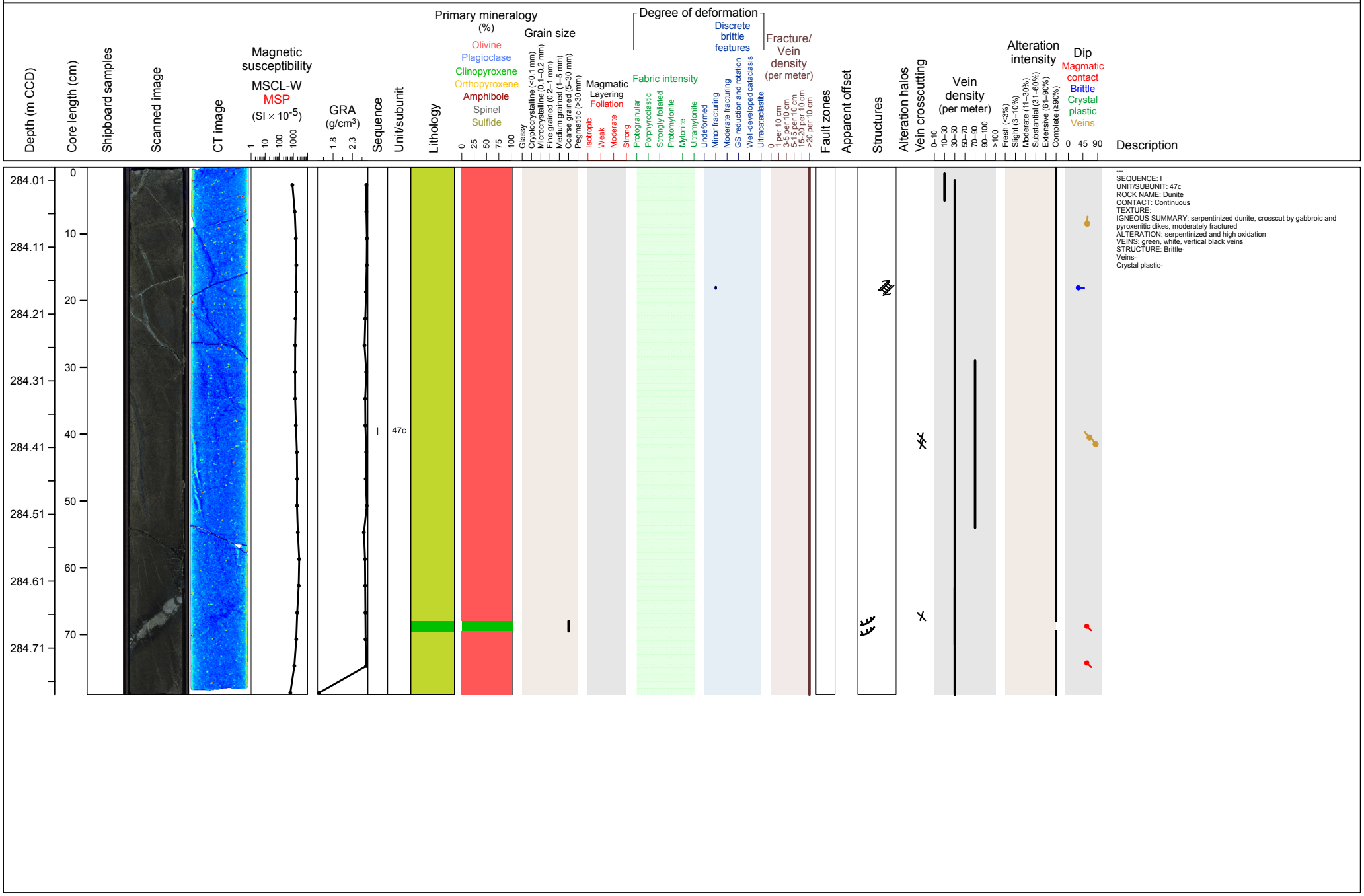
SEQUENCE: I
UNIT/SUBUNIT: 47c
ROCK NAME: Olivine gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: olivine gabbro dike
ALTERATION:
VEINS: grey veins, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 47c
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: olivine gabbro dike
ALTERATION:
VEINS: grey-green veins, white veins, grey veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

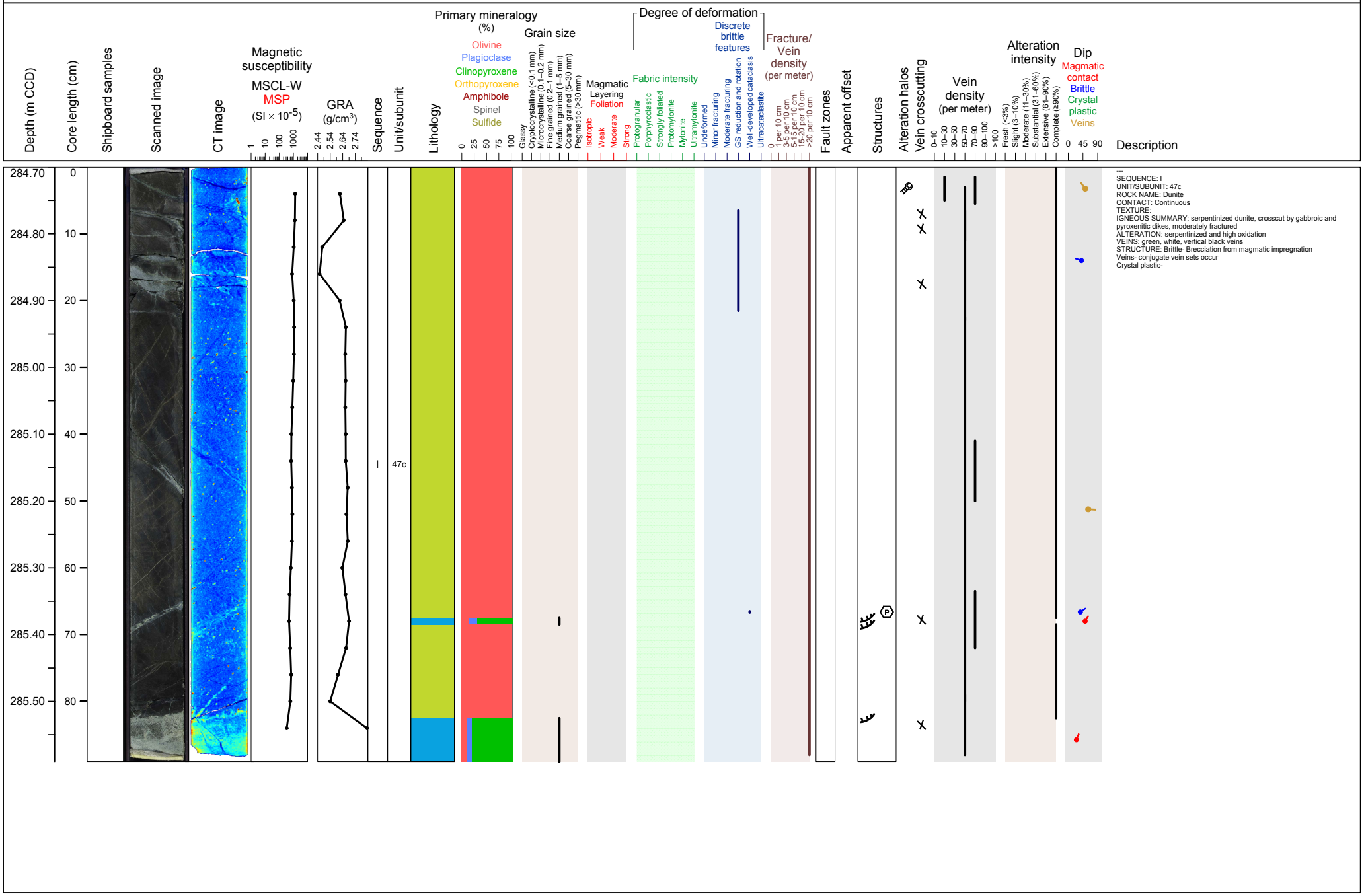
Hole BA4A-103Z Section 3, Top of Section 283.15 (m CCD)



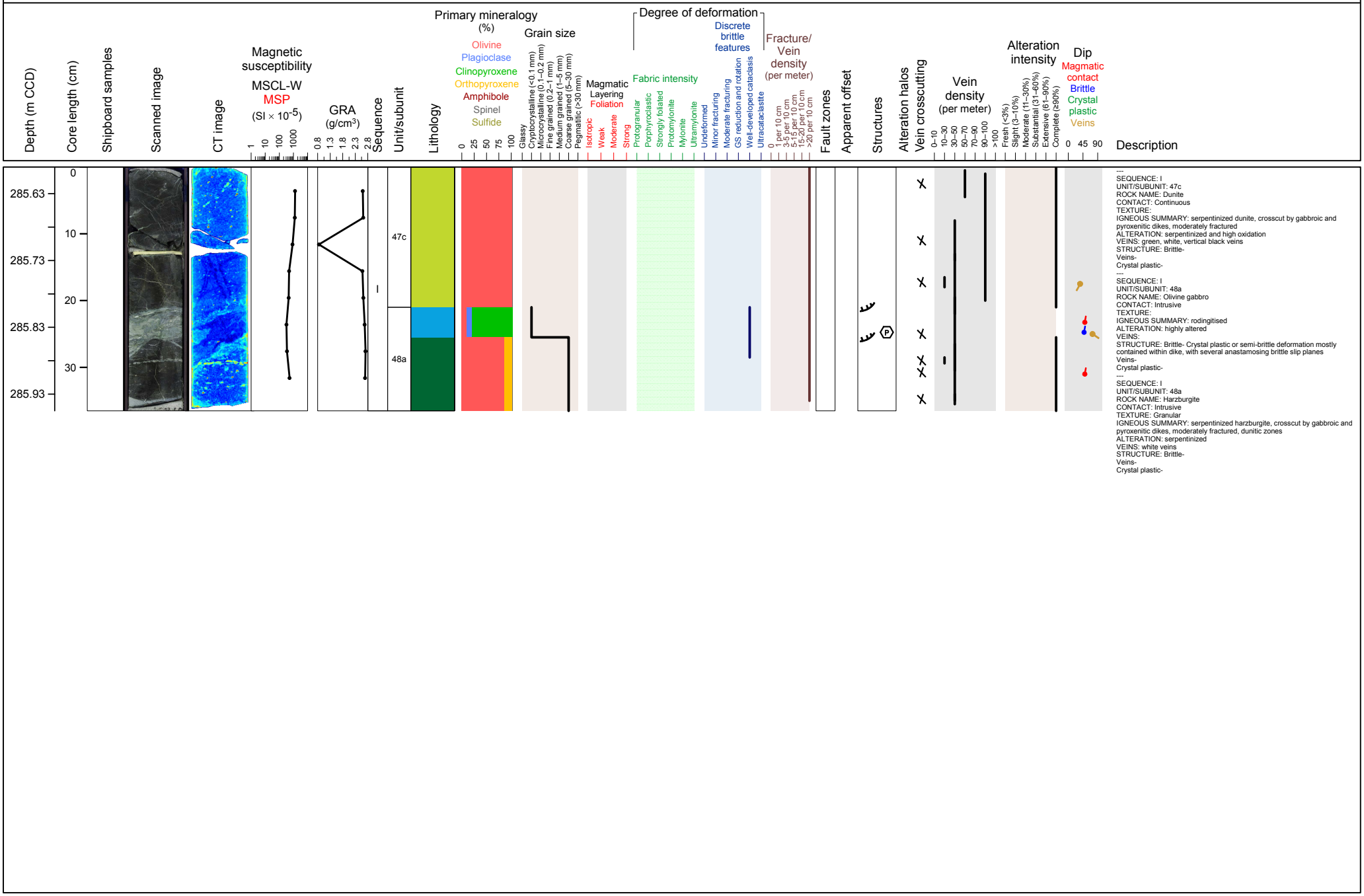
Hole BA4A-103Z Section 4, Top of Section 283.99 (m CCD)



Hole BA4A-104Z Section 1, Top of Section 284.70 (m CCD)



Hole BA4A-104Z Section 2, Top of Section 285.59 (m CCD)

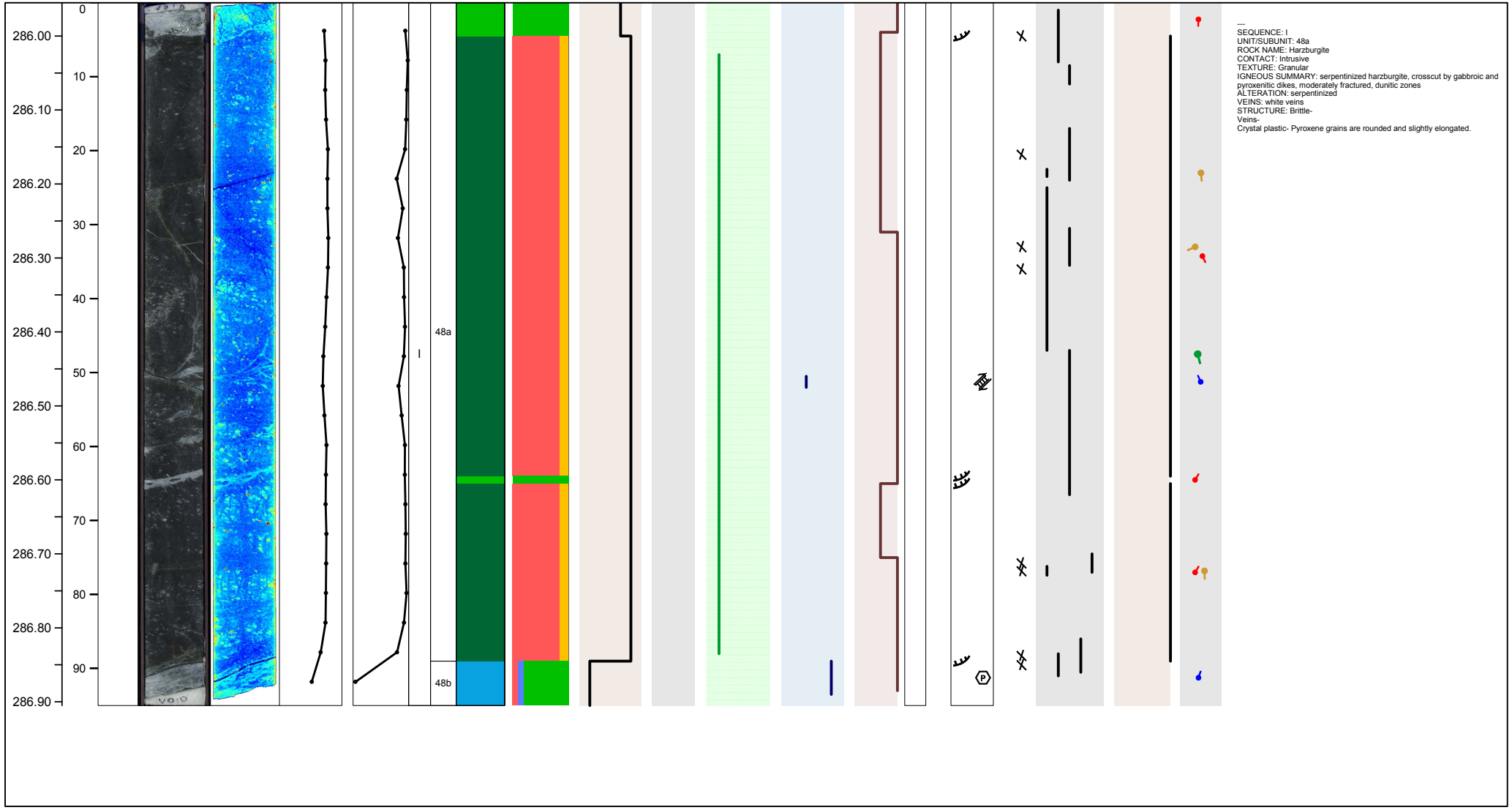


SEQUENCE: I
UNIT/SUBUNIT: 47c
ROCK NAME: Dunite
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite, crosscut by gabbroic and pyroxenitic dikes, moderately fractured
ALTERATION: serpentinized and high oxidation
VEINS: green, white, vertical black veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 48a
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: rodingitised
ALTERATION: highly altered
VEINS:
STRUCTURE: Brittle- Crystal plastic or semi-brittle deformation mostly contained within dike, with several anastamosing brittle slip planes
Veins-
Crystal plastic-

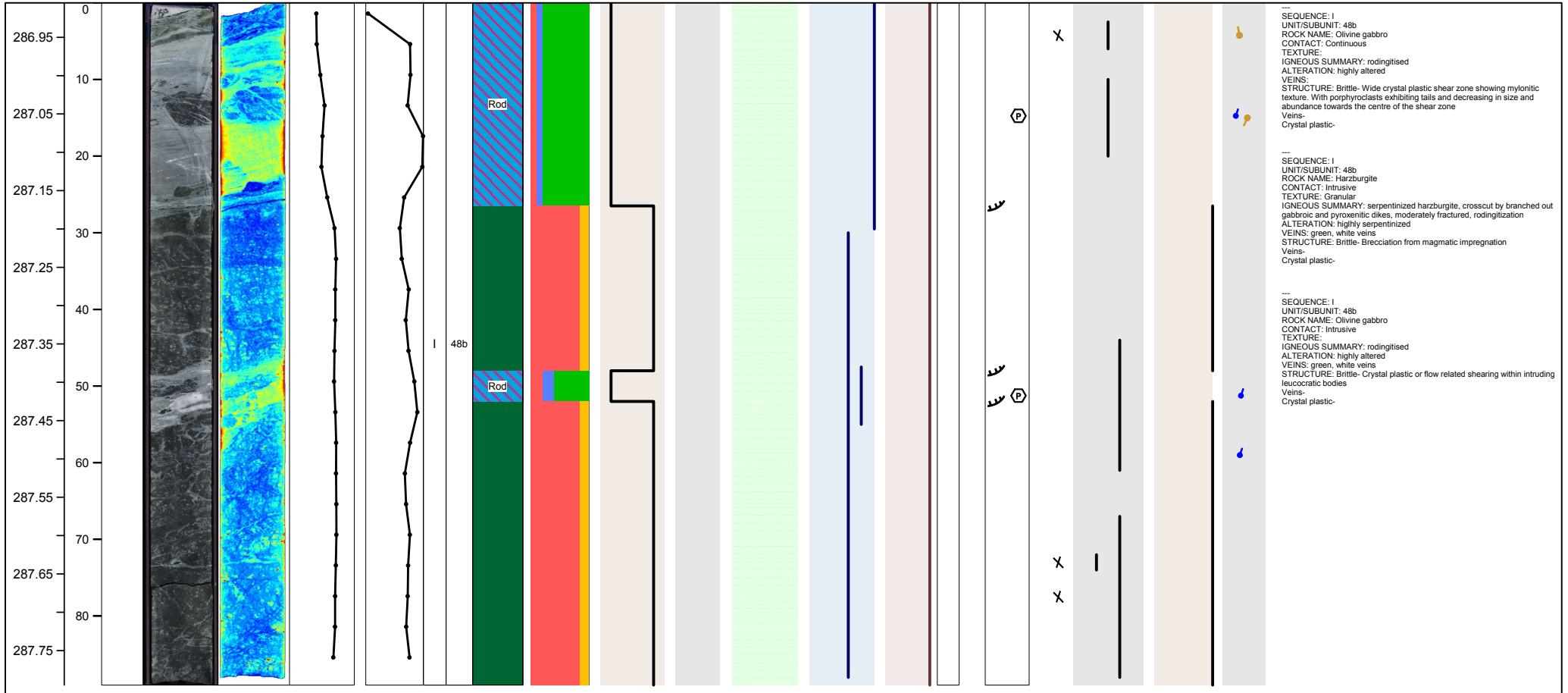
SEQUENCE: I
UNIT/SUBUNIT: 48a
ROCK NAME: Harzburgite
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinized harzburgite, crosscut by gabbroic and pyroxenitic dikes, moderately fractured, dunitic zones
ALTERATION: serpentinized
VEINS: white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-104Z Section 3, Top of Section 285.96 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 48a
ROCK NAME: Harzburgite
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinized harzburgite, crosscut by gabbroic and pyroxenitic dikes, moderately fractured, dunitic zones
ALTERATION: serpentinized
VEINS: white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

Hole BA4A-104Z Section 4, Top of Section 286.91 (m CCD)

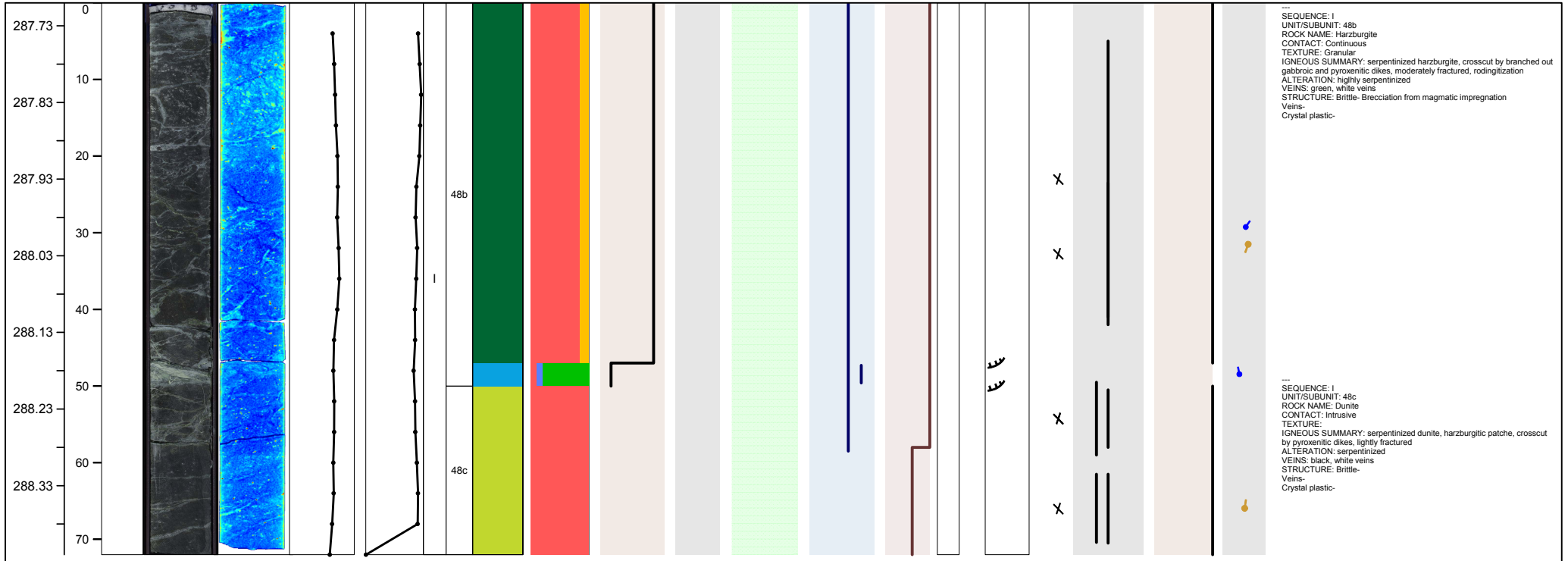


SEQUENCE: I
UNIT/SUBUNIT: 48b
ROCK NAME: Olivine gabbro
CONTACT: Continuous
TEXTURE:
IGNEOUS SUMMARY: rodingitised
ALTERATION: highly altered
VEINS:
STRUCTURE: Brittle- Wide crystal plastic shear zone showing mylonitic texture. With porphyroclasts exhibiting tails and decreasing in size and abundance towards the centre of the shear zone
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 48b
ROCK NAME: Harzburgite
CONTACT: Intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinized harzburgite, crosscut by branched out gabbroic and pyroxenitic dikes, moderately fractured, rodingitization
ALTERATION: highly serpentinized
VEINS: green, white veins
STRUCTURE: Brittle- Brecciation from magmatic impregnation
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 48b
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: rodingitised
ALTERATION: highly altered
VEINS: green, white veins
STRUCTURE: Brittle- Crystal plastic or flow related shearing within intruding leucocratic bodies
Veins-
Crystal plastic-

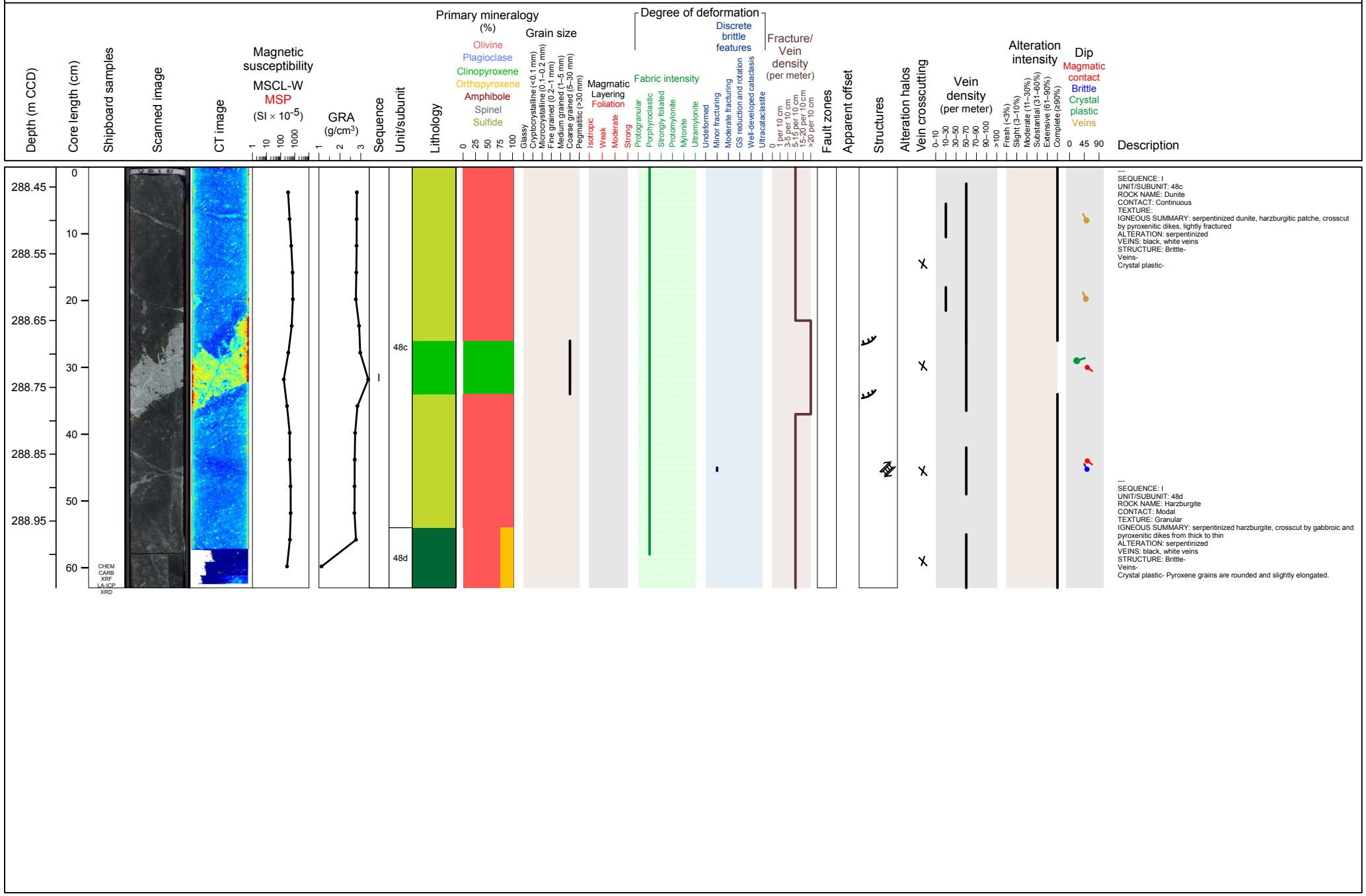
Hole BA4A-105Z Section 1, Top of Section 287.70 (m CCD)



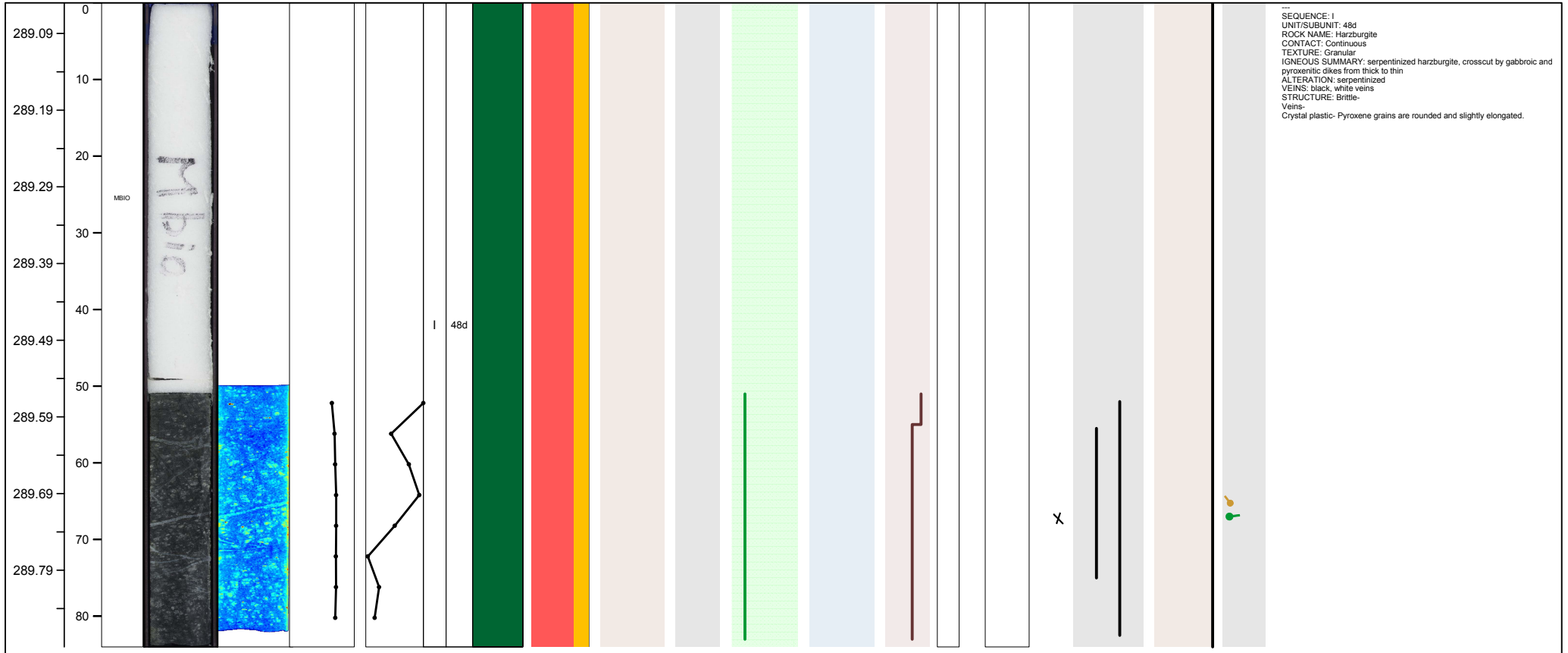
SEQUENCE: I
UNIT/SUBUNIT: 48b
ROCK NAME: Harzburgite
CONTACT: Continuous
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinized harzburgite, crosscut by branched out gabbroic and pyroxenitic dikes, moderately fractured, rodingitization
ALTERATION: highly serpentinized
VEINS: green, white veins
STRUCTURE: Brittle- Brecciation from magmatic impregnation
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 48c
ROCK NAME: Dunite
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: serpentinized dunite, harzburgitic patche, crosscut by pyroxenitic dikes, lightly fractured
ALTERATION: serpentinized
VEINS: black, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

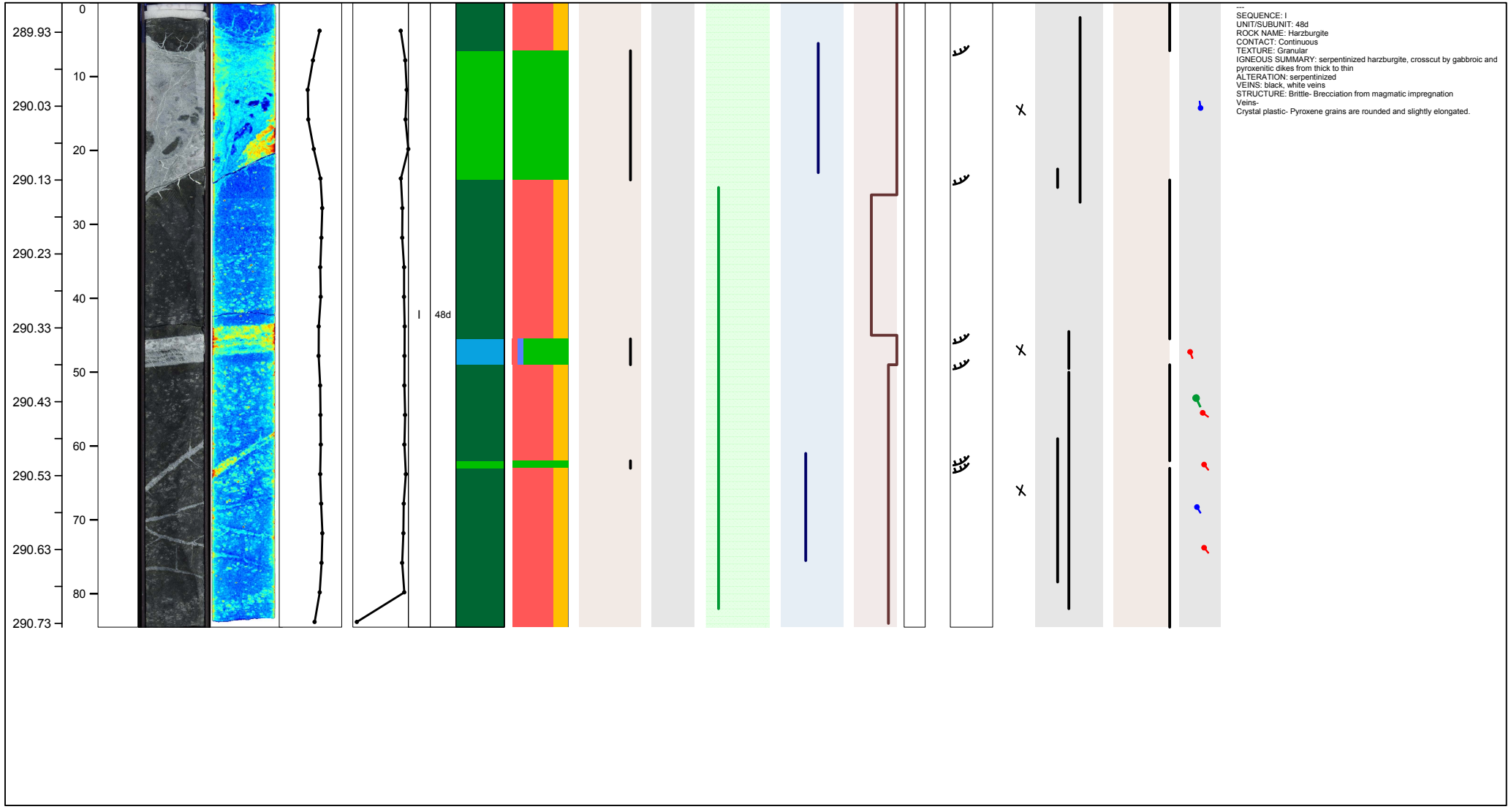
Hole BA4A-105Z Section 2, Top of Section 288.42 (m CCD)



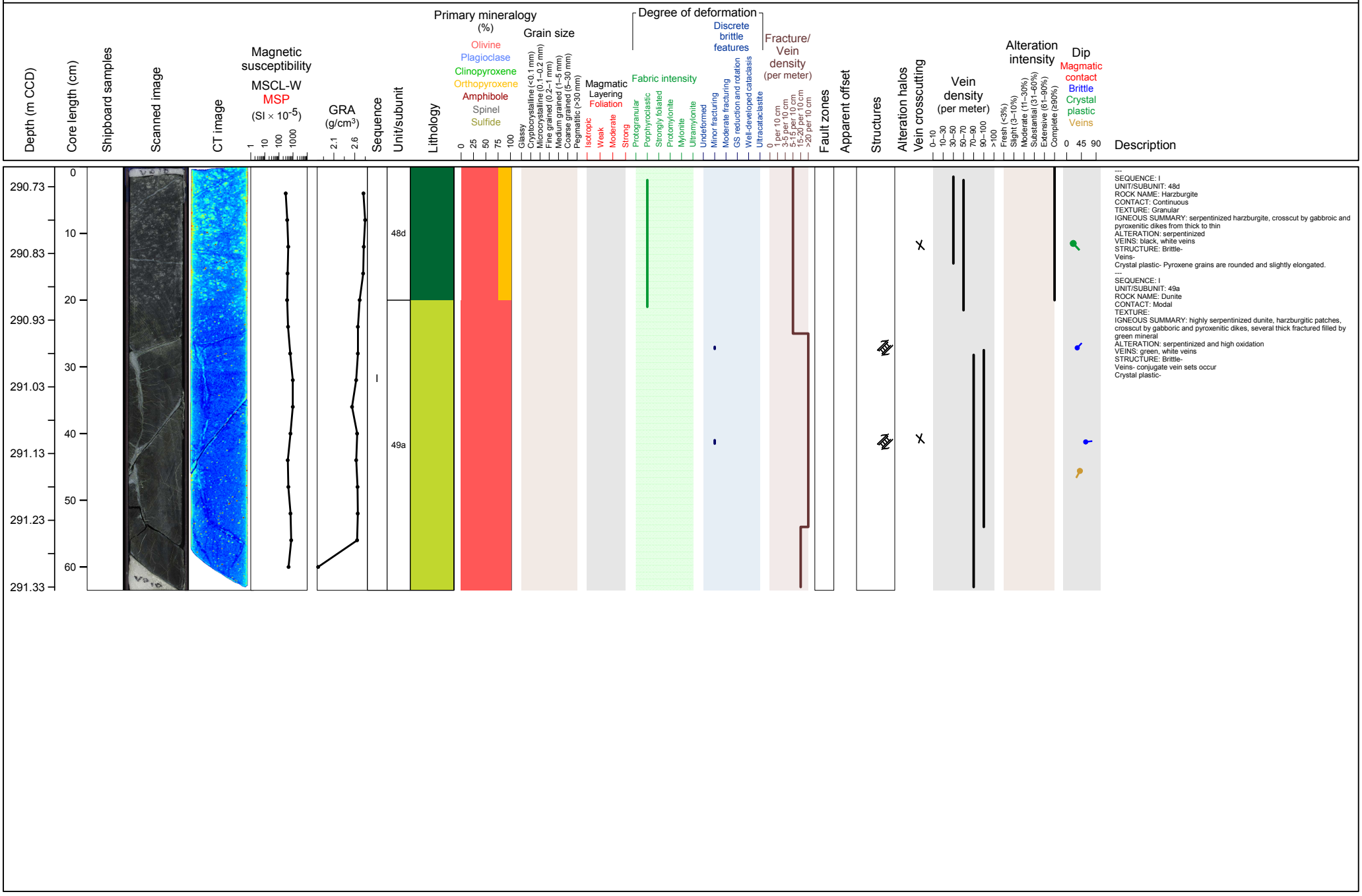
Hole BA4A-105Z Section 3, Top of Section 289.05 (m CCD)



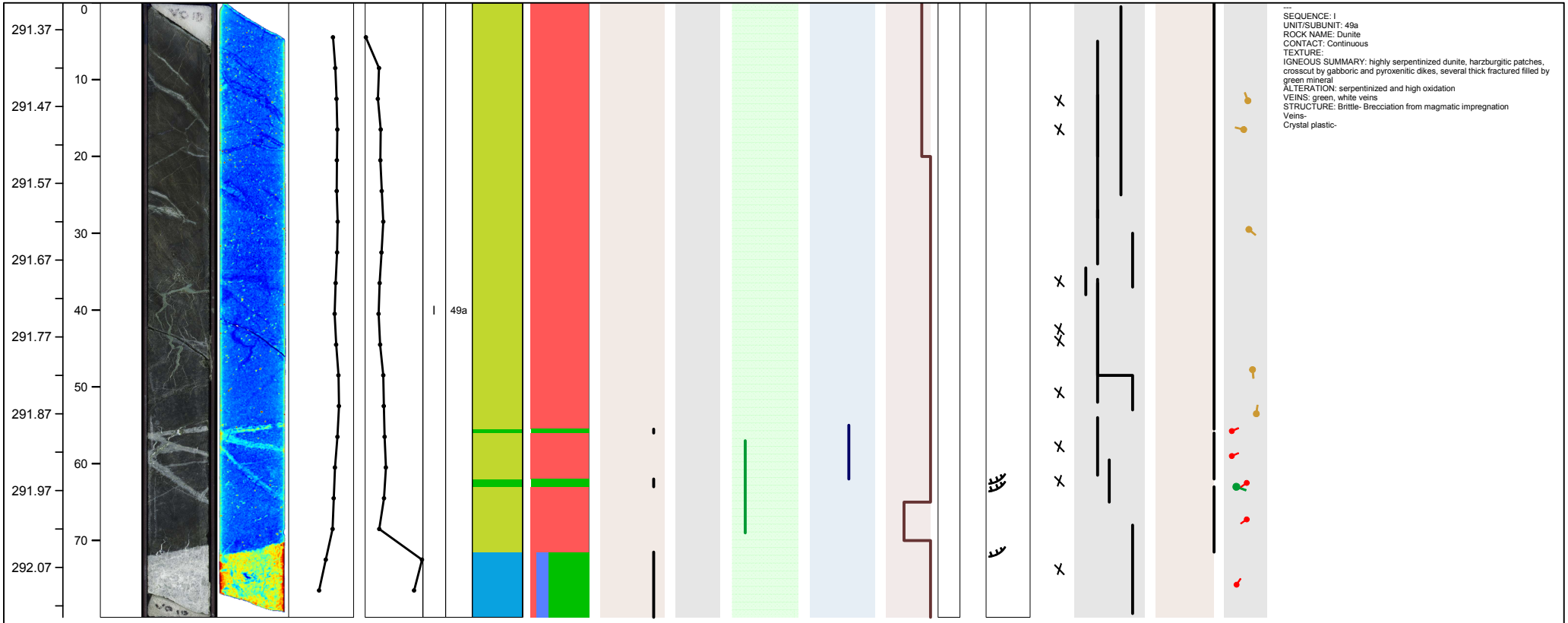
Hole BA4A-105Z Section 4, Top of Section 289.89 (m CCD)



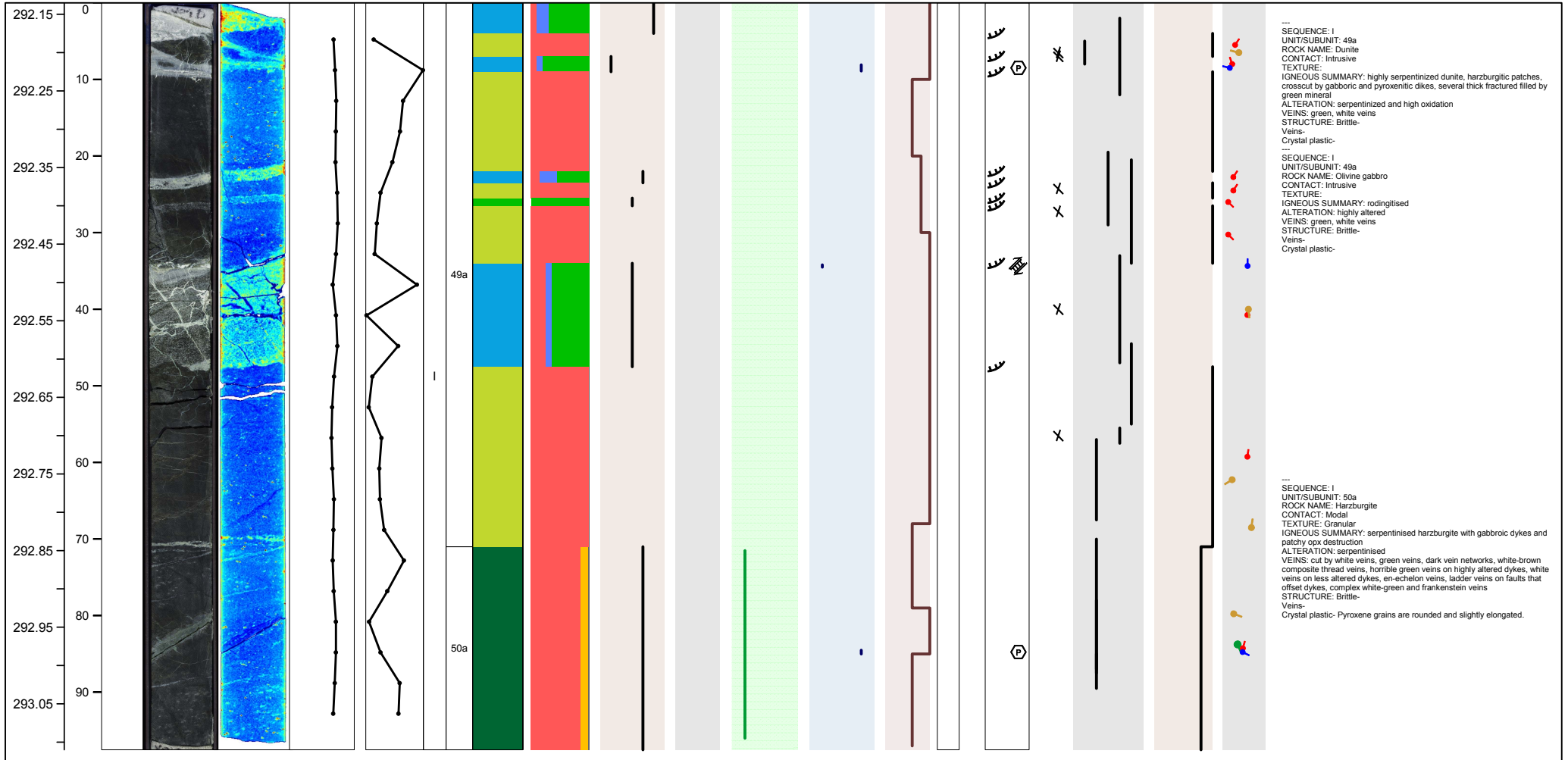
Hole BA4A-106Z Section 1, Top of Section 290.70 (m CCD)



Hole BA4A-106Z Section 2, Top of Section 291.34 (m CCD)



Hole BA4A-106Z Section 3, Top of Section 292.14 (m CCD)

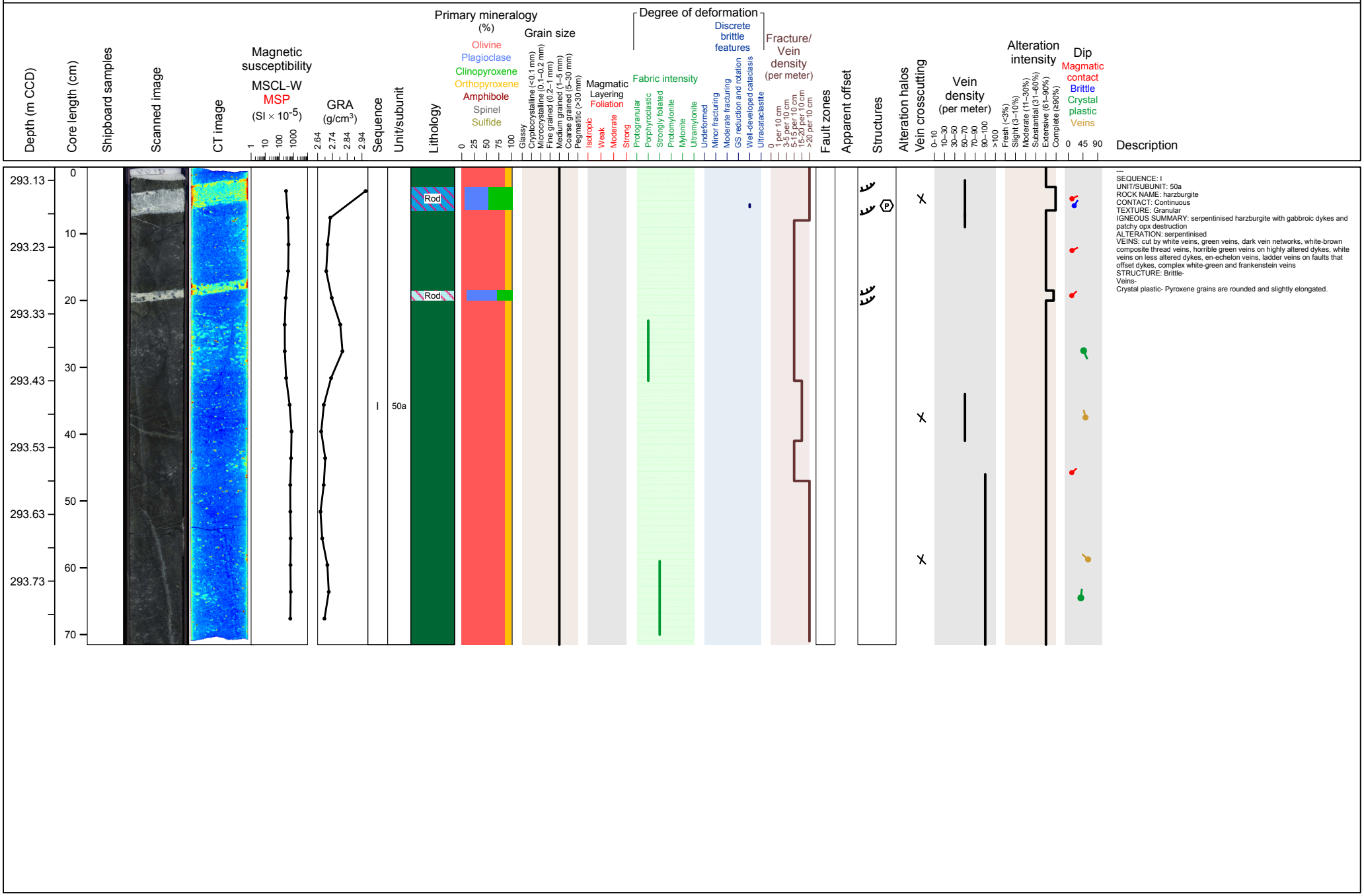


SEQUENCE: I
UNIT/SUBUNIT: 49a
ROCK NAME: Dunite
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: highly serpentinized dunite, harzburgitic patches, crosscut by gabboric and pyroxenitic dikes, several thick fractured filled by green mineral
ALTERATION: serpentinized and high oxidation
VEINS: green, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

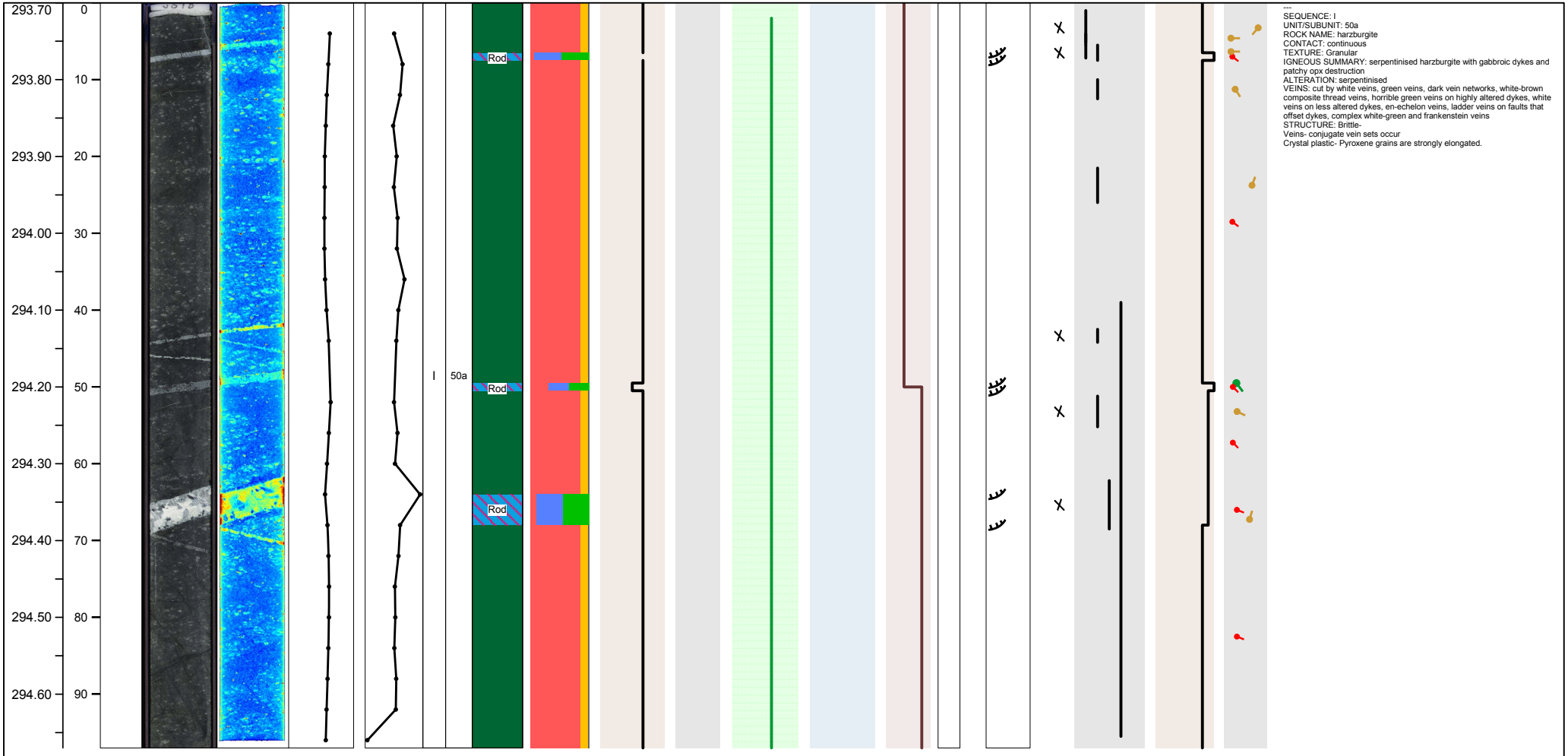
SEQUENCE: I
UNIT/SUBUNIT: 49a
ROCK NAME: Olivine gabbro
CONTACT: Intrusive
TEXTURE:
IGNEOUS SUMMARY: rodingitised
ALTERATION: highly altered
VEINS: green, white veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 50a
ROCK NAME: Harzburgite
CONTACT: Modal
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinised harzburgite with gabbroic dykes and patchy opx destruction
ALTERATION: serpentinised
VEINS: cut by white veins, green veins, dark vein networks, white-brown composite thread veins, horrible green veins on highly altered dykes, white veins on less altered dykes, en-echelon veins, ladder veins on faults that offset dykes, complex white-green and frankenstein veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

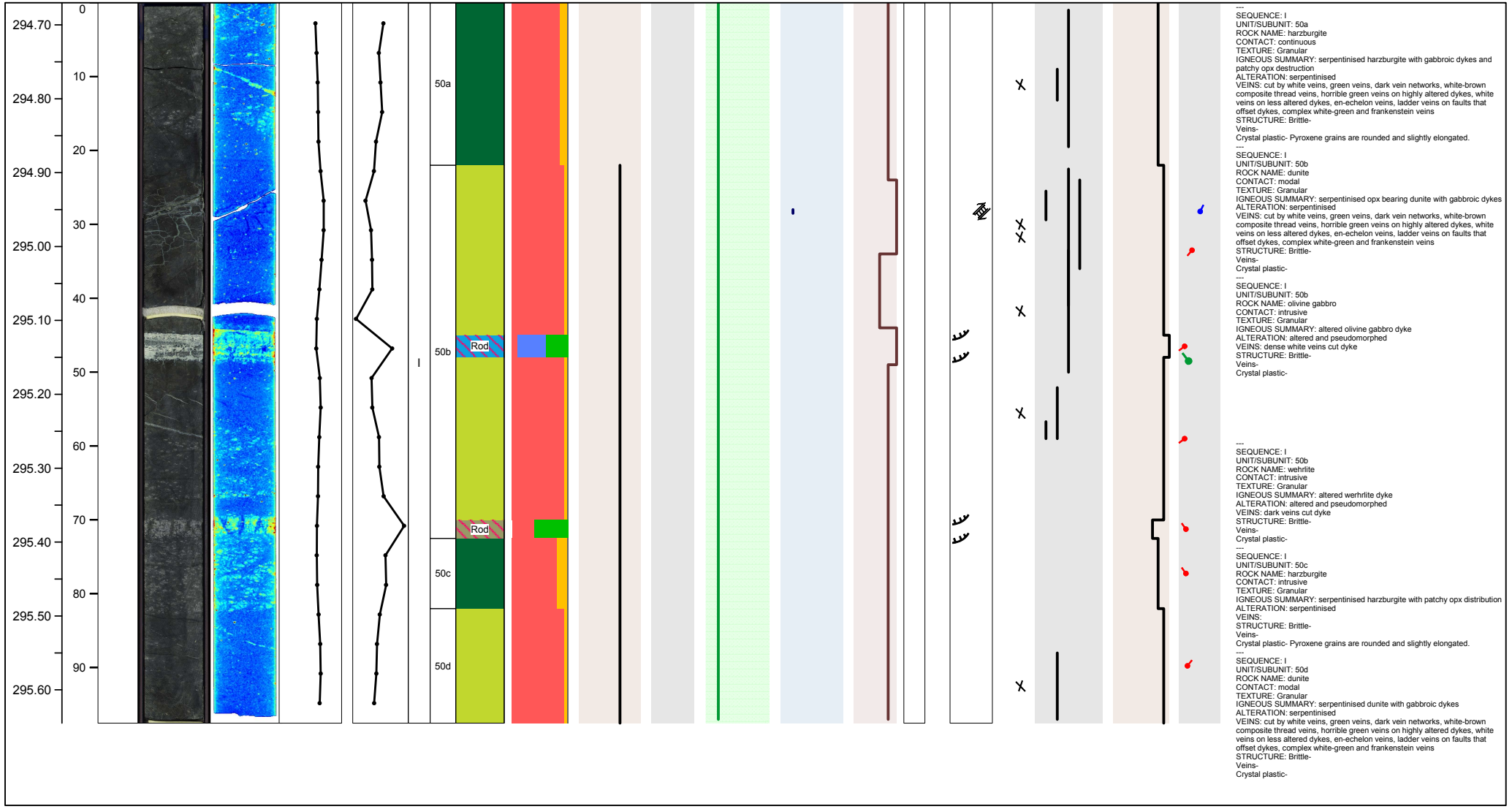
Hole BA4A-106Z Section 4, Top of Section 293.11 (m CCD)



Hole BA4A-107Z Section 1, Top of Section 293.70 (m CCD)



Hole BA4A-107Z Section 2, Top of Section 294.67 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 50a
ROCK NAME: harzburgite
CONTACT: continuous
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinised harzburgite with gabbroic dykes and patchy opx destruction
ALTERATION: serpentinised
VEINS: cut by white veins, green veins, dark vein networks, white-brown composite thread veins, horrible green veins on highly altered dykes, white veins on less altered dykes, en-echelon veins, ladder veins on faults that offset dykes, complex white-green and frankenstein veins
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 50b
ROCK NAME: dunite
CONTACT: modal
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinised opx bearing dunite with gabbroic dykes
ALTERATION: serpentinised
VEINS: cut by white veins, green veins, dark vein networks, white-brown composite thread veins, horrible green veins on highly altered dykes, white veins on less altered dykes, en-echelon veins, ladder veins on faults that offset dykes, complex white-green and frankenstein veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

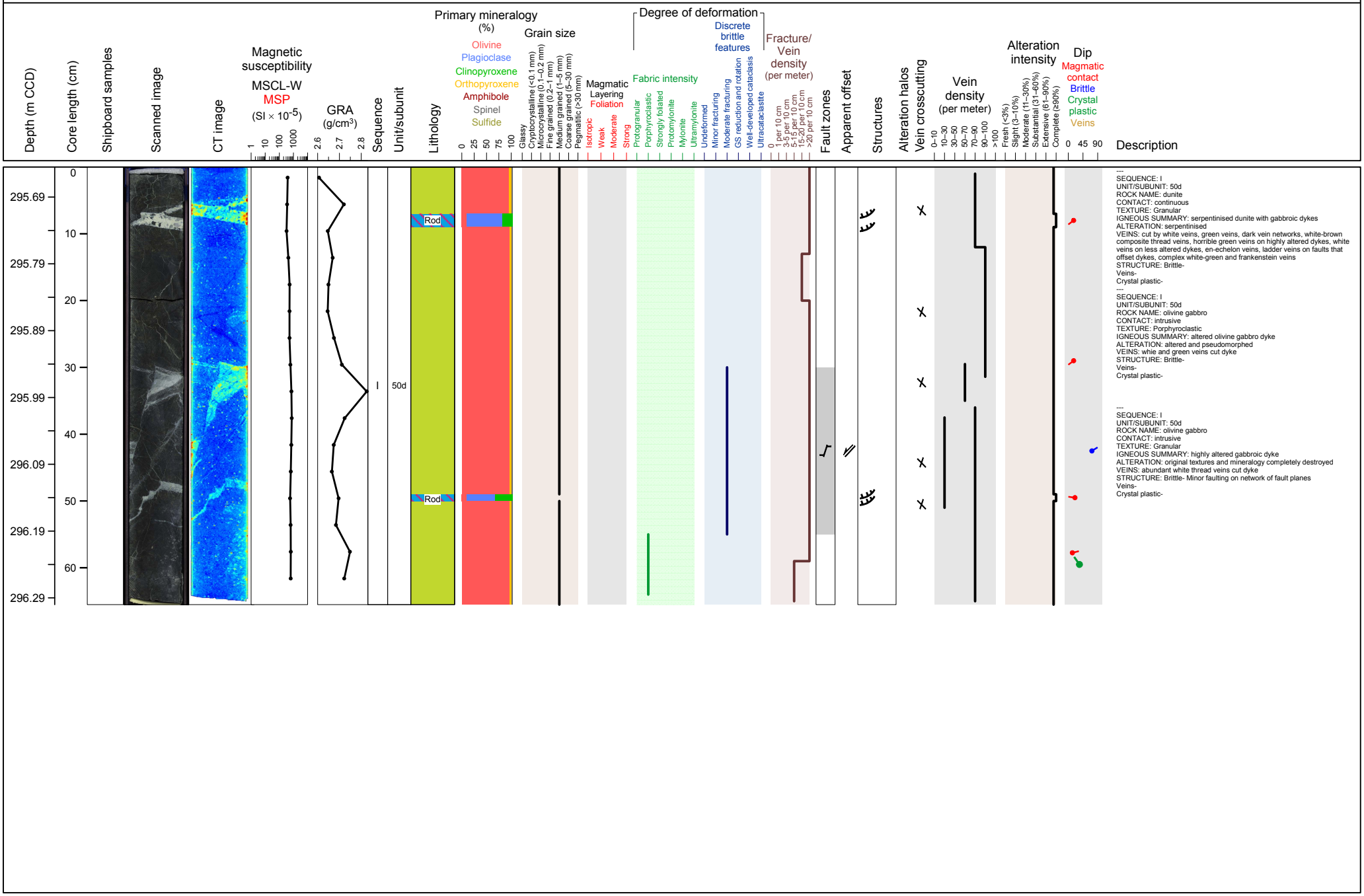
SEQUENCE: I
UNIT/SUBUNIT: 50b
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered olivine gabbro dyke
ALTERATION: altered and pseudomorphed
VEINS: dense white veins cut dyke
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 50b
ROCK NAME: wehrlite
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered werhrlite dyke
ALTERATION: altered and pseudomorphed
VEINS: dark veins cut dyke
STRUCTURE: Brittle-
Veins-
Crystal plastic-

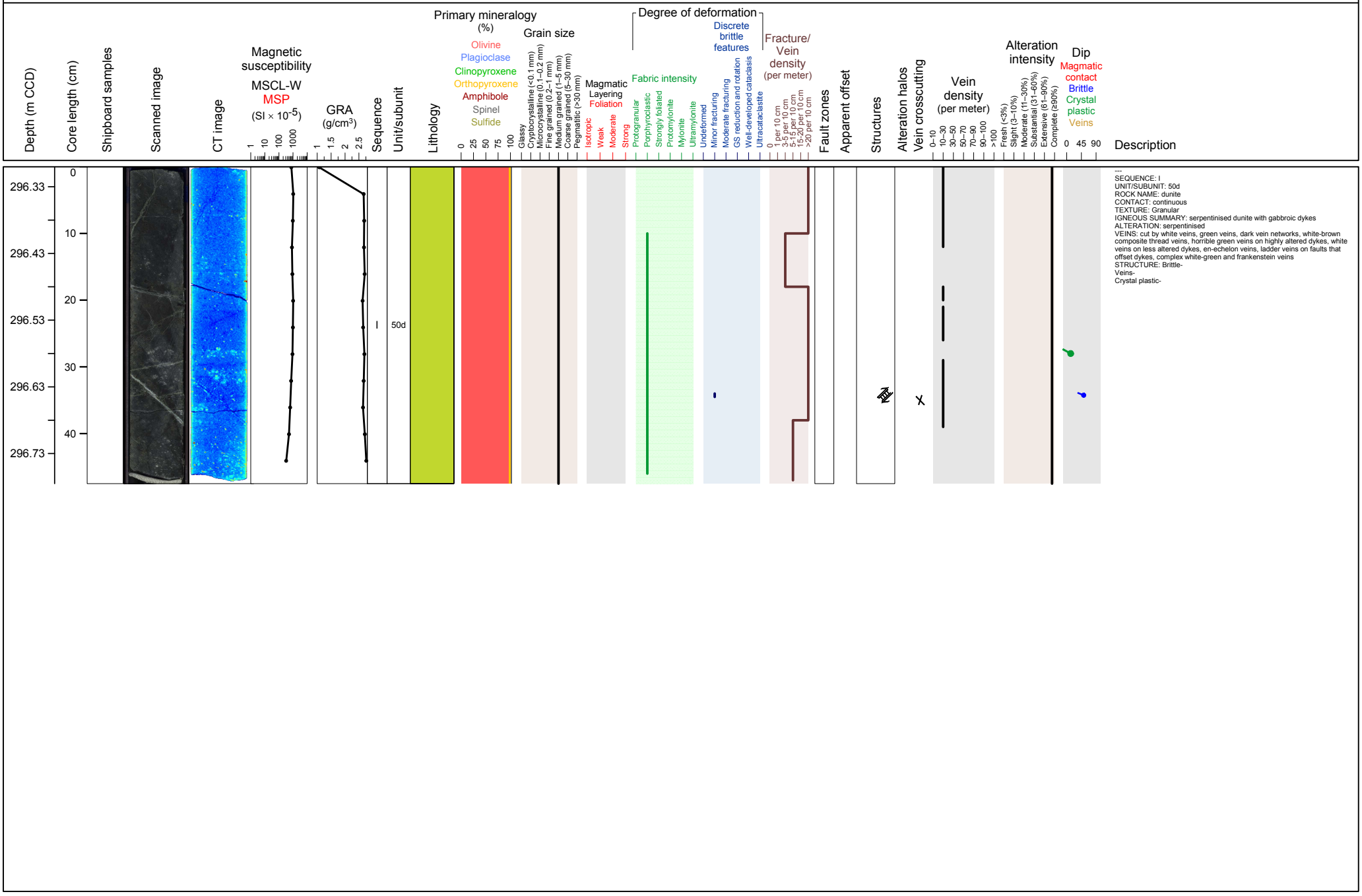
SEQUENCE: I
UNIT/SUBUNIT: 50c
ROCK NAME: harzburgite
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinised harzburgite with patchy opx distribution
ALTERATION: serpentinised
VEINS:
STRUCTURE: Brittle-
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

SEQUENCE: I
UNIT/SUBUNIT: 50d
ROCK NAME: dunite
CONTACT: modal
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinised dunite with gabbroic dykes
ALTERATION: serpentinised
VEINS: cut by white veins, green veins, dark vein networks, white-brown composite thread veins, horrible green veins on highly altered dykes, white veins on less altered dykes, en-echelon veins, ladder veins on faults that offset dykes, complex white-green and frankenstein veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

Hole BA4A-107Z Section 3, Top of Section 295.65 (m CCD)

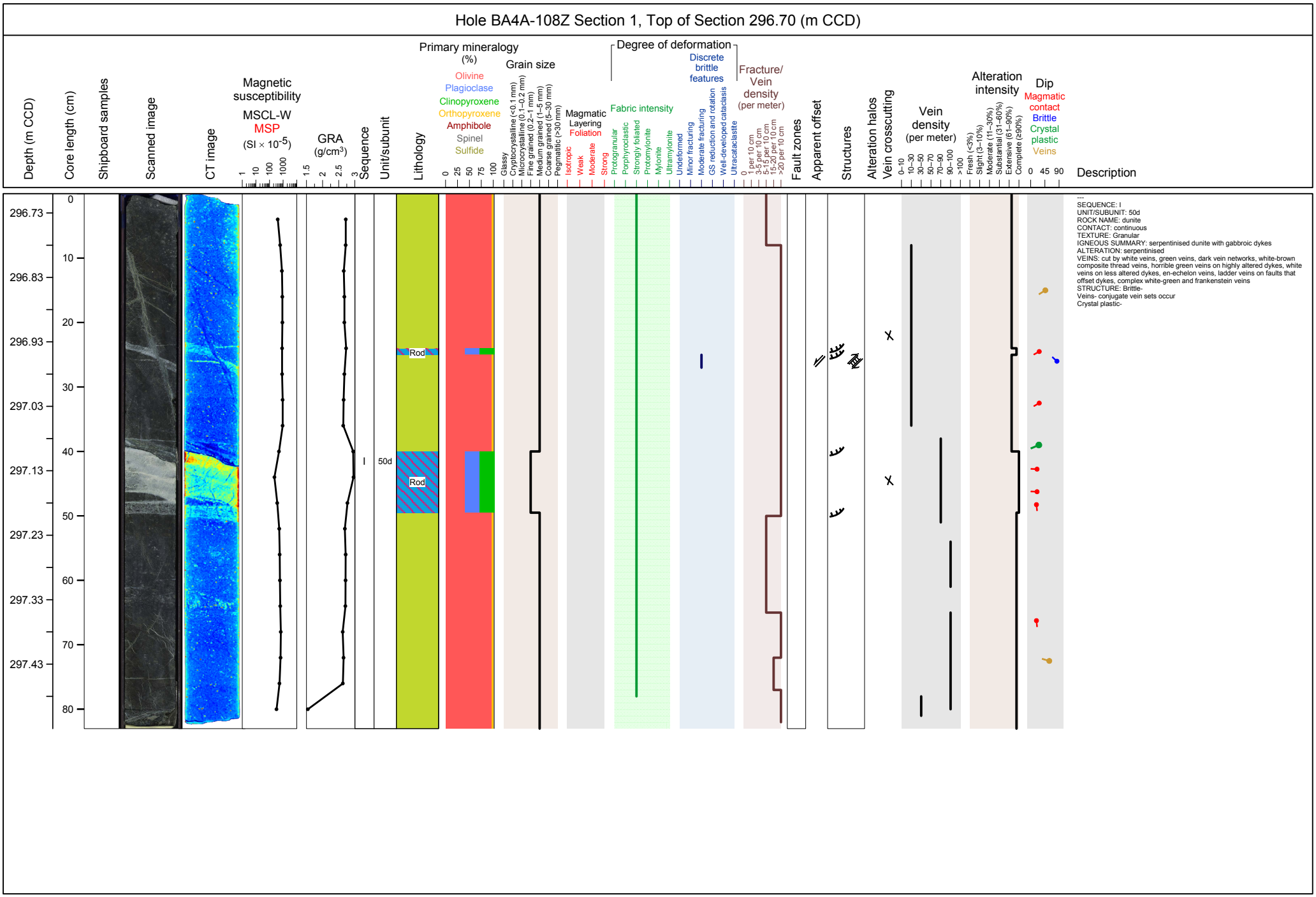


Hole BA4A-107Z Section 4, Top of Section 296.30 (m CCD)

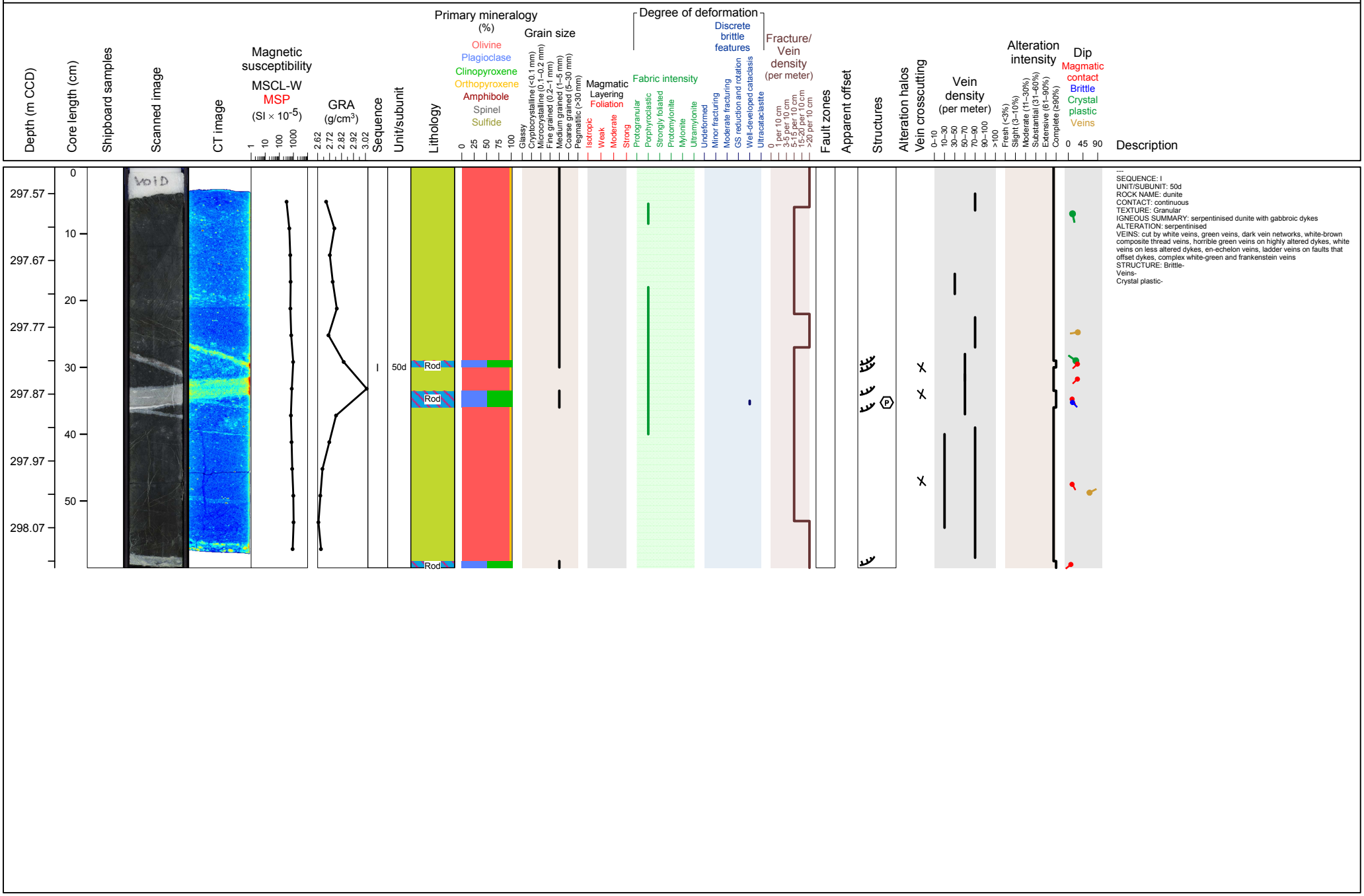


SEQUENCE: I
UNIT/SUBUNIT: 50d
ROCK NAME: dunite
CONTACT: continuous
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinised dunite with gabbroic dykes
ALTERATION: serpentinised
VEINS: cut by white veins, green veins, dark vein networks, white-brown composite thread veins, horrible green veins on highly altered dykes, white veins on less altered dykes, en-echelon veins, ladder veins on faults that offset dykes, complex white-green and frankenstein veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

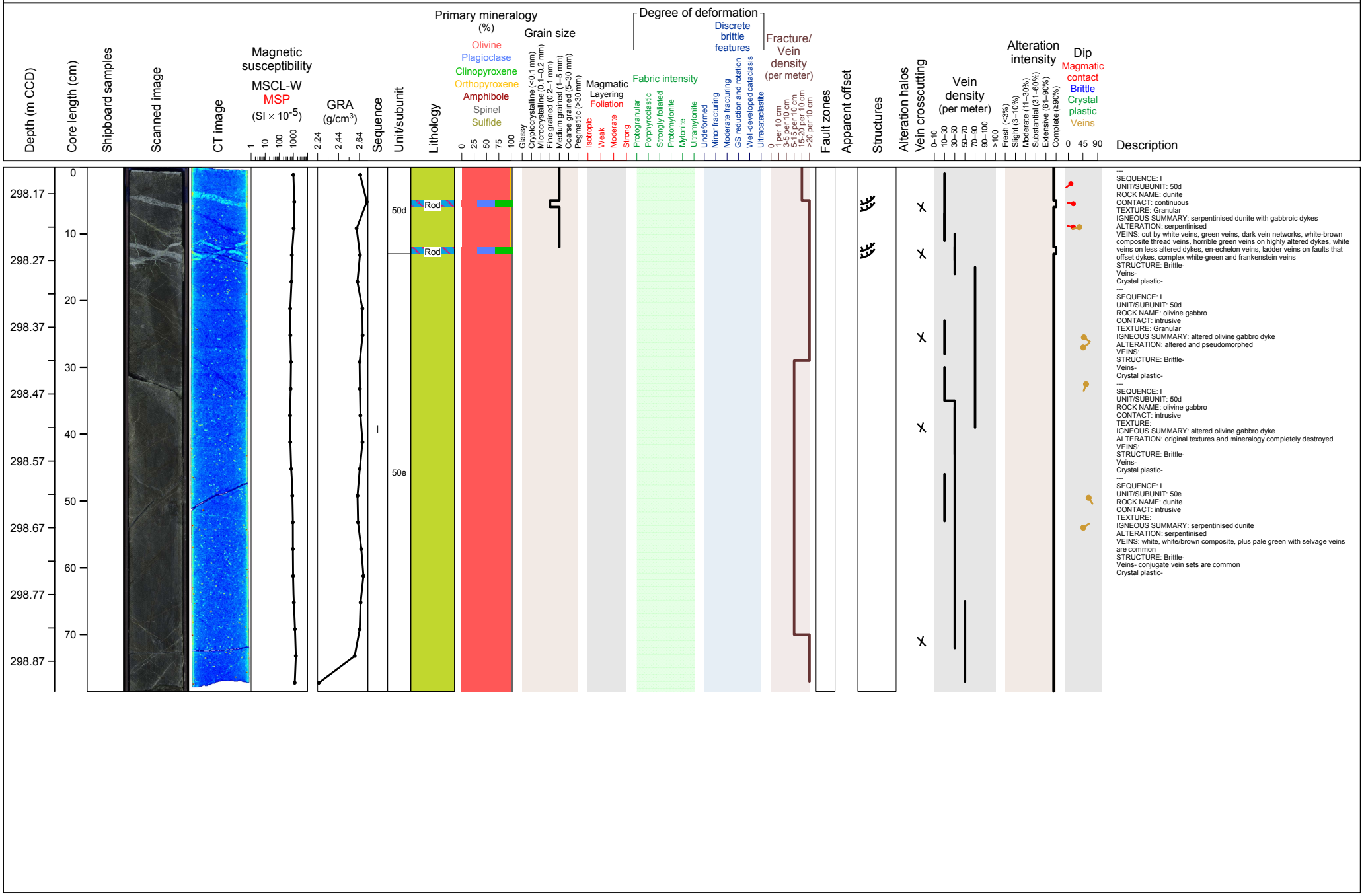
Hole BA4A-108Z Section 1, Top of Section 296.70 (m CCD)



Hole BA4A-108Z Section 2, Top of Section 297.53 (m CCD)



Hole BA4A-108Z Section 3, Top of Section 298.13 (m CCD)



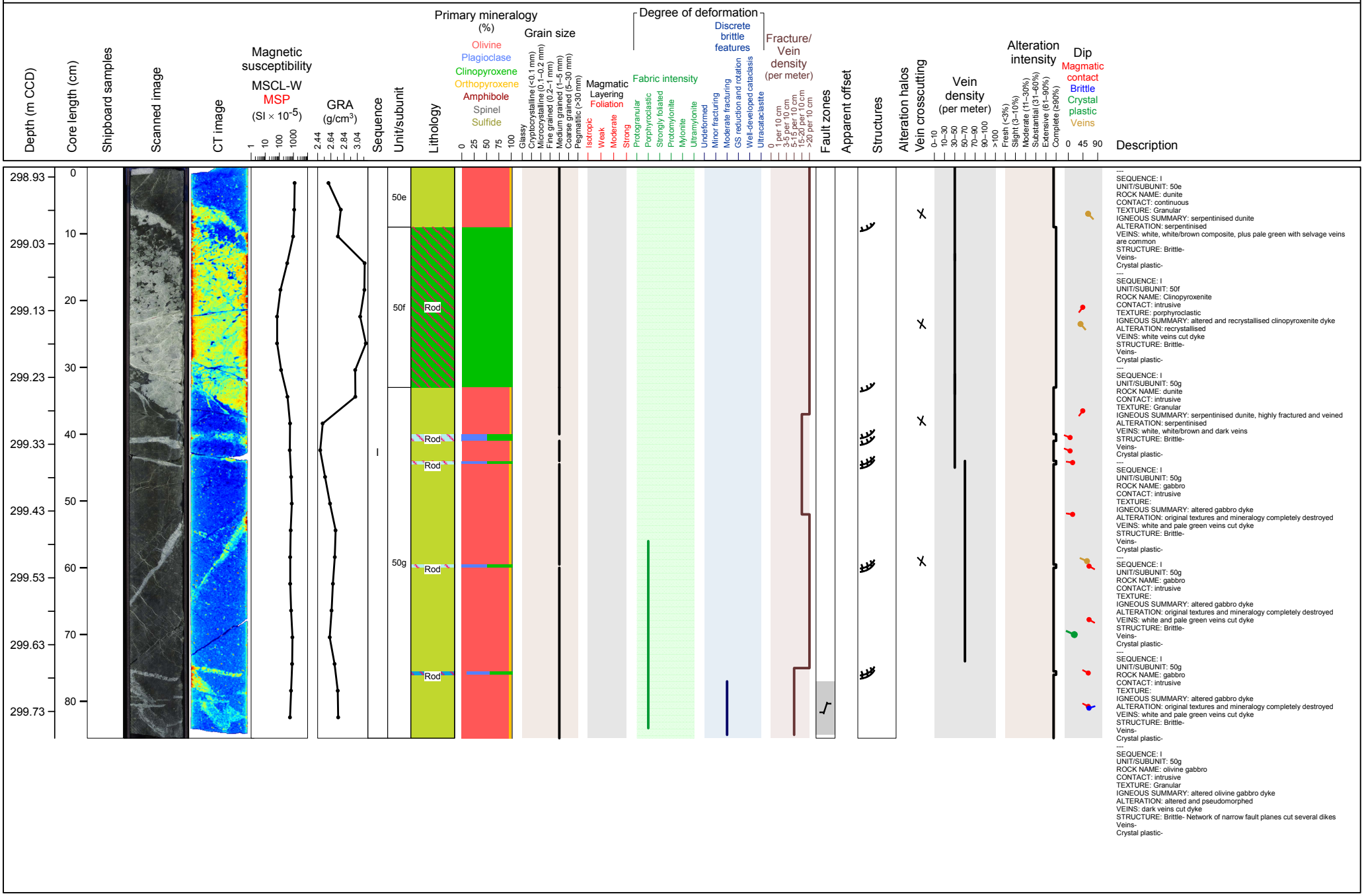
SEQUENCE: I
UNIT/SUBUNIT: 50d
ROCK NAME: dunite
CONTACT: continuous
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinised dunite with gabbroic dykes
ALTERATION: serpentinised
VEINS: cut by white veins, green veins, dark vein networks, white-brown composite thread veins, horrible green veins on highly altered dykes, white veins on less altered dykes, en-echelon veins, ladder veins on faults that offset dykes, complex white-green and frankenstein veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 50d
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered olivine gabbro dyke
ALTERATION: altered and pseudomorphed
VEINS:
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 50d
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: altered olivine gabbro dyke
ALTERATION: original textures and mineralogy completely destroyed
VEINS:
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 50e
ROCK NAME: dunite
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: serpentinised dunite
ALTERATION: serpentinised
VEINS: white, white/brown composite, plus pale green with selvage veins are common
STRUCTURE: Brittle-
Veins- conjugate vein sets are common
Crystal plastic-

Hole BA4A-108Z Section 4, Top of Section 298.92 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 50e
ROCK NAME: dunite
CONTACT: continuous
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinised dunite
ALTERATION: serpentinised
VEINS: white, white/brown composite, plus pale green with selvage veins are common
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 50f
ROCK NAME: Clinopyroxenite
CONTACT: intrusive
TEXTURE: porphyroclastic
IGNEOUS SUMMARY: altered and recrystallised clinopyroxenite dyke
ALTERATION: recrystallised
VEINS: white veins cut dyke
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 50g
ROCK NAME: dunite
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: serpentinised dunite, highly fractured and veined
ALTERATION: serpentinised
VEINS: white, white/brown and dark veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

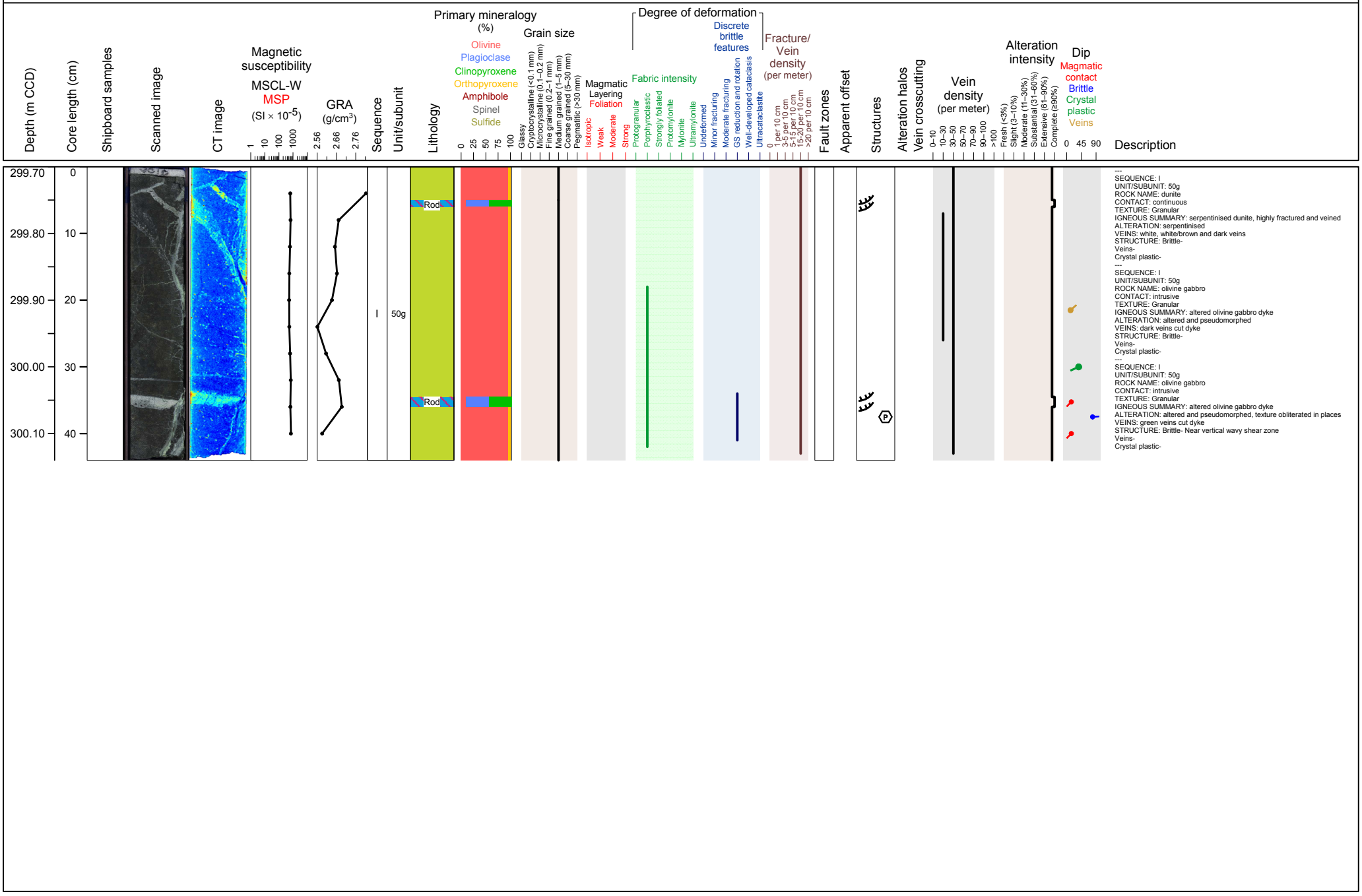
SEQUENCE: I
UNIT/SUBUNIT: 50g
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: altered gabbro dyke
ALTERATION: original textures and mineralogy completely destroyed
VEINS: white and pale green veins cut dyke
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 50g
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: altered gabbro dyke
ALTERATION: original textures and mineralogy completely destroyed
VEINS: white and pale green veins cut dyke
STRUCTURE: Brittle-
Veins-
Crystal plastic-

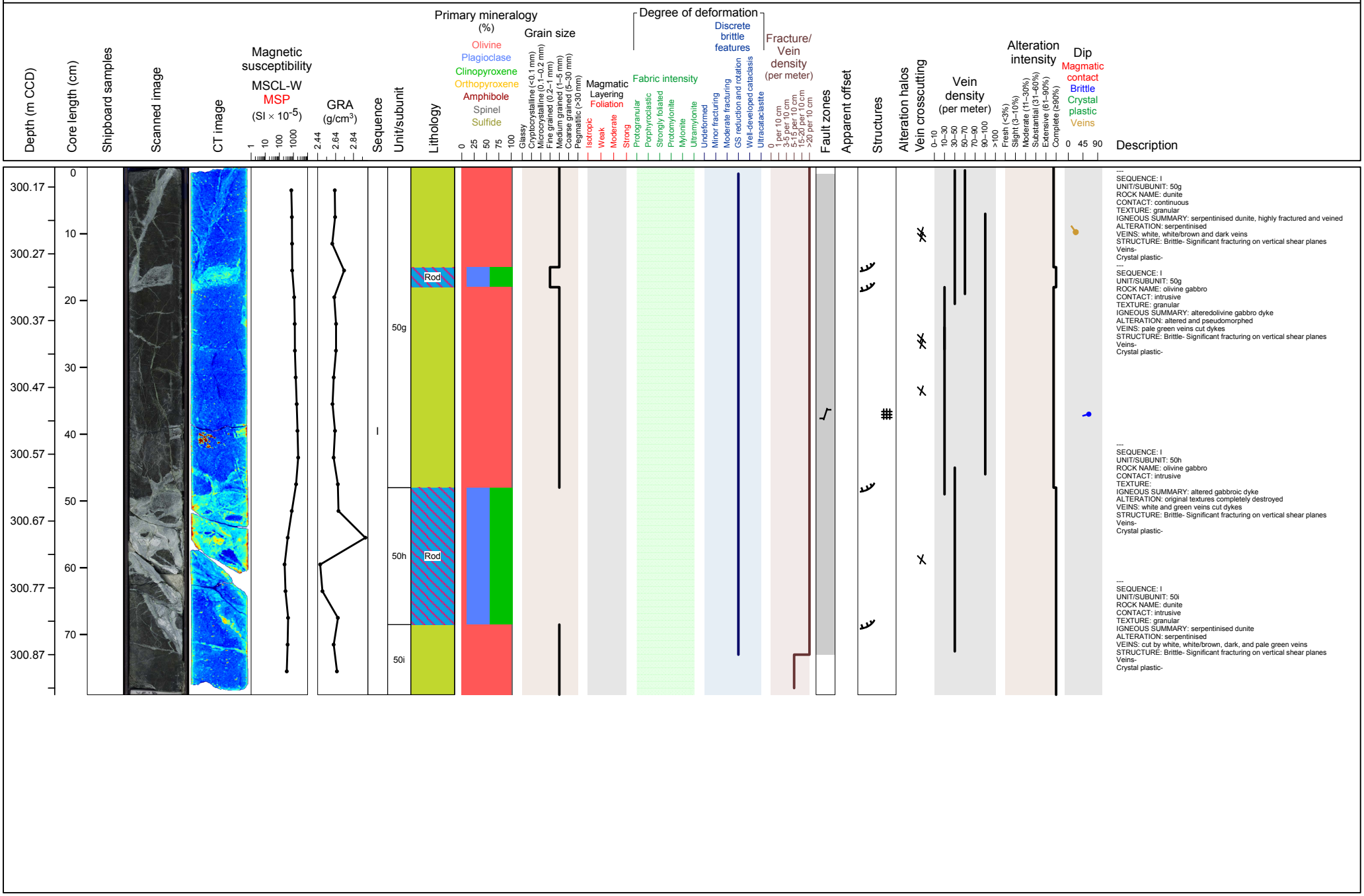
SEQUENCE: I
UNIT/SUBUNIT: 50g
ROCK NAME: gabbro
CONTACT: intrusive
TEXTURE:
IGNEOUS SUMMARY: altered gabbro dyke
ALTERATION: original textures and mineralogy completely destroyed
VEINS: white and pale green veins cut dyke
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 50g
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: Granular
IGNEOUS SUMMARY: altered olivine gabbro dyke
ALTERATION: altered and pseudomorphed
VEINS: dark veins cut dyke
STRUCTURE: Brittle- Network of narrow fault planes cut several dikes
Veins-
Crystal plastic-

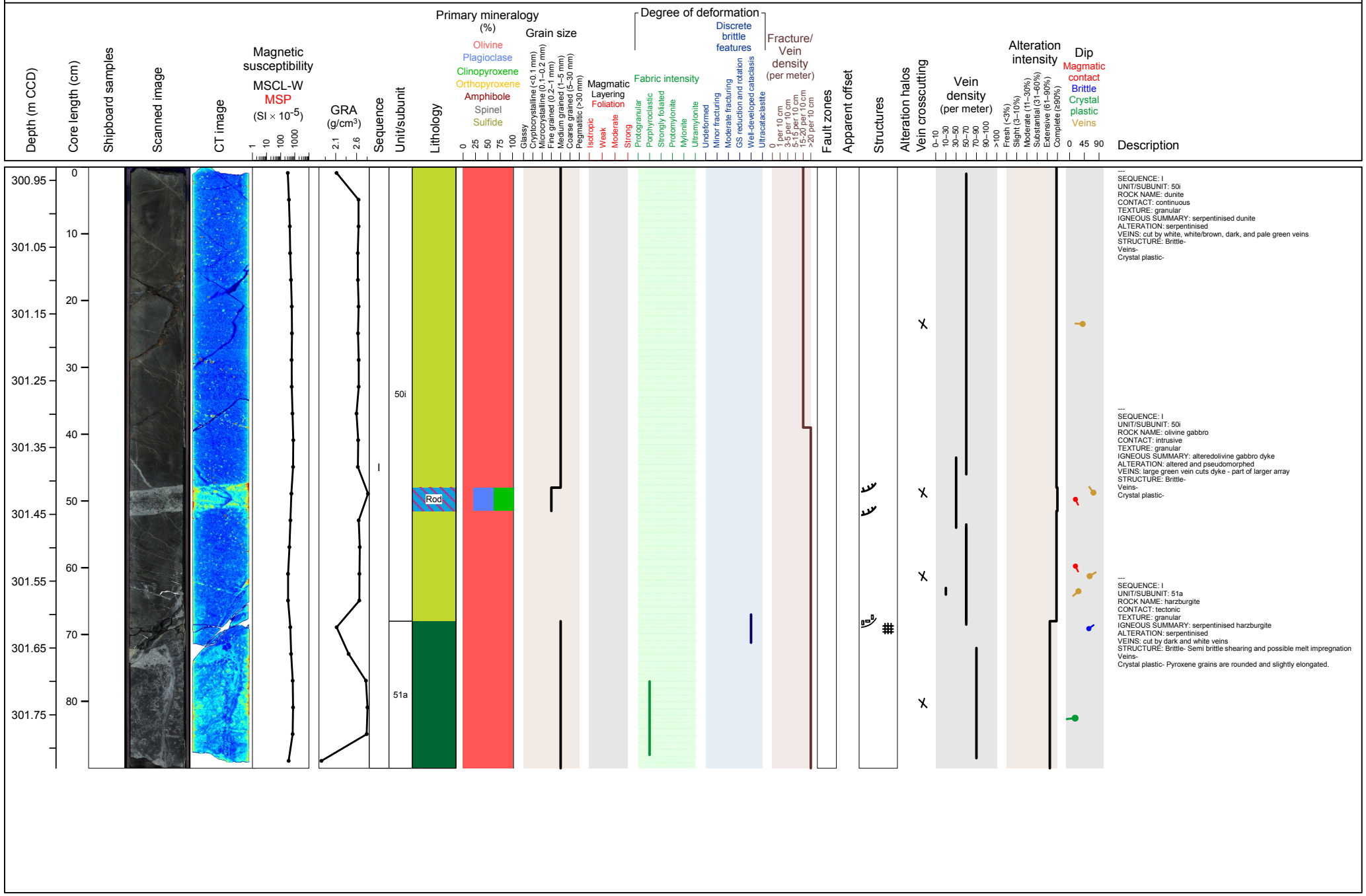
Hole BA4A-109Z Section 1, Top of Section 299.70 (m CCD)



Hole BA4A-109Z Section 2, Top of Section 300.14 (m CCD)



Hole BA4A-109Z Section 3, Top of Section 300.93 (m CCD)



SEQUENCE: I
UNIT/SUBUNIT: 50i
ROCK NAME: dunite
CONTACT: continuous
TEXTURE: granular
IGNEOUS SUMMARY: serpentinised dunite
ALTERATION: serpentinised
VEINS: cut by white, white/brown, dark, and pale green veins
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 50i
ROCK NAME: olivine gabbro
CONTACT: intrusive
TEXTURE: granular
IGNEOUS SUMMARY: alteredolivine gabbro dyke
ALTERATION: altered and pseudomorphed
VEINS: large green vein cuts dyke - part of larger array
STRUCTURE: Brittle-
Veins-
Crystal plastic-

SEQUENCE: I
UNIT/SUBUNIT: 51a
ROCK NAME: harzburgite
CONTACT: tectonic
TEXTURE: granular
IGNEOUS SUMMARY: serpentinised harzburgite
ALTERATION: serpentinised
VEINS: cut by dark and white veins
STRUCTURE: Brittle- Semi brittle shearing and possible melt impregnation
Veins-
Crystal plastic- Pyroxene grains are rounded and slightly elongated.

Hole BA4A-109Z Section 4, Top of Section 301.83 (m CCD)

