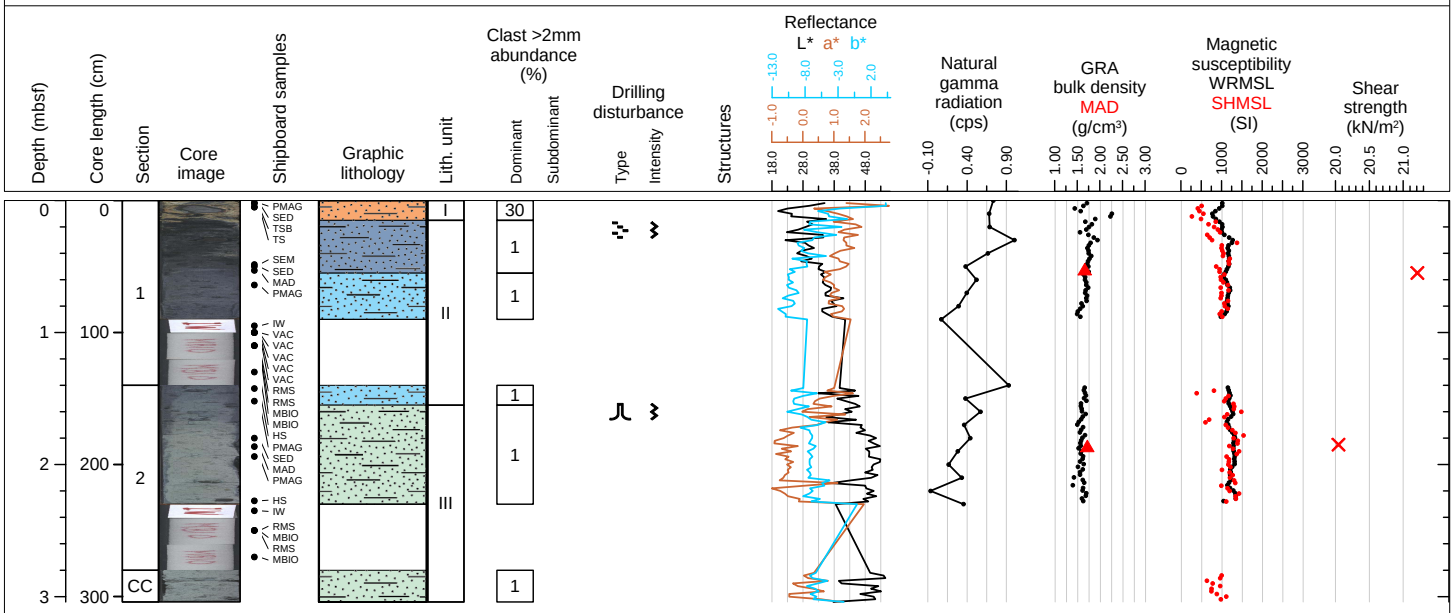
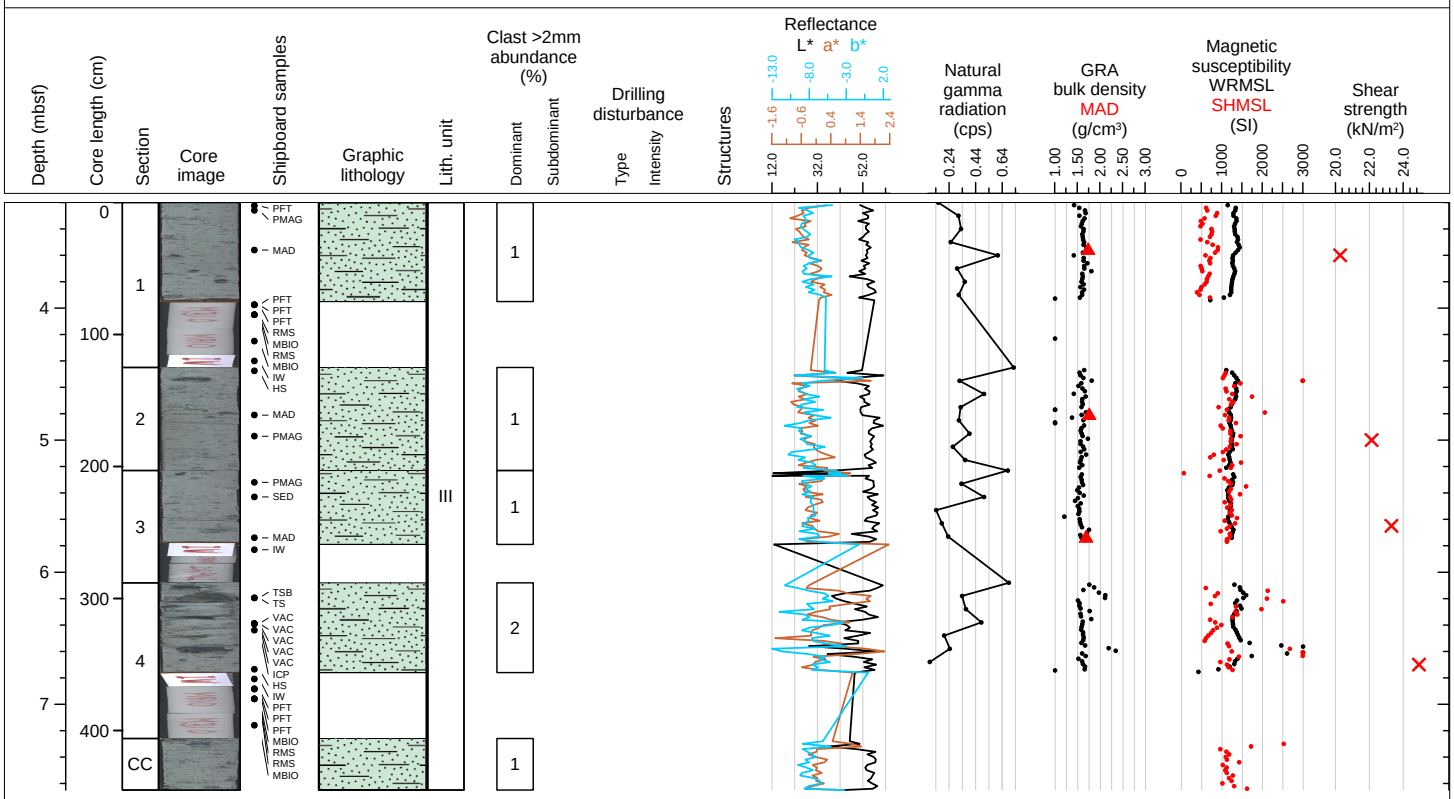
Hole 366-U1496A Core 1F, Interval 0.0-3.04 m (CSF-A)

grayish brown to light green muddy fine sand with foraminifers and lithic clasts changing down hole to bluish gray serpentinite mud with lithic clasts



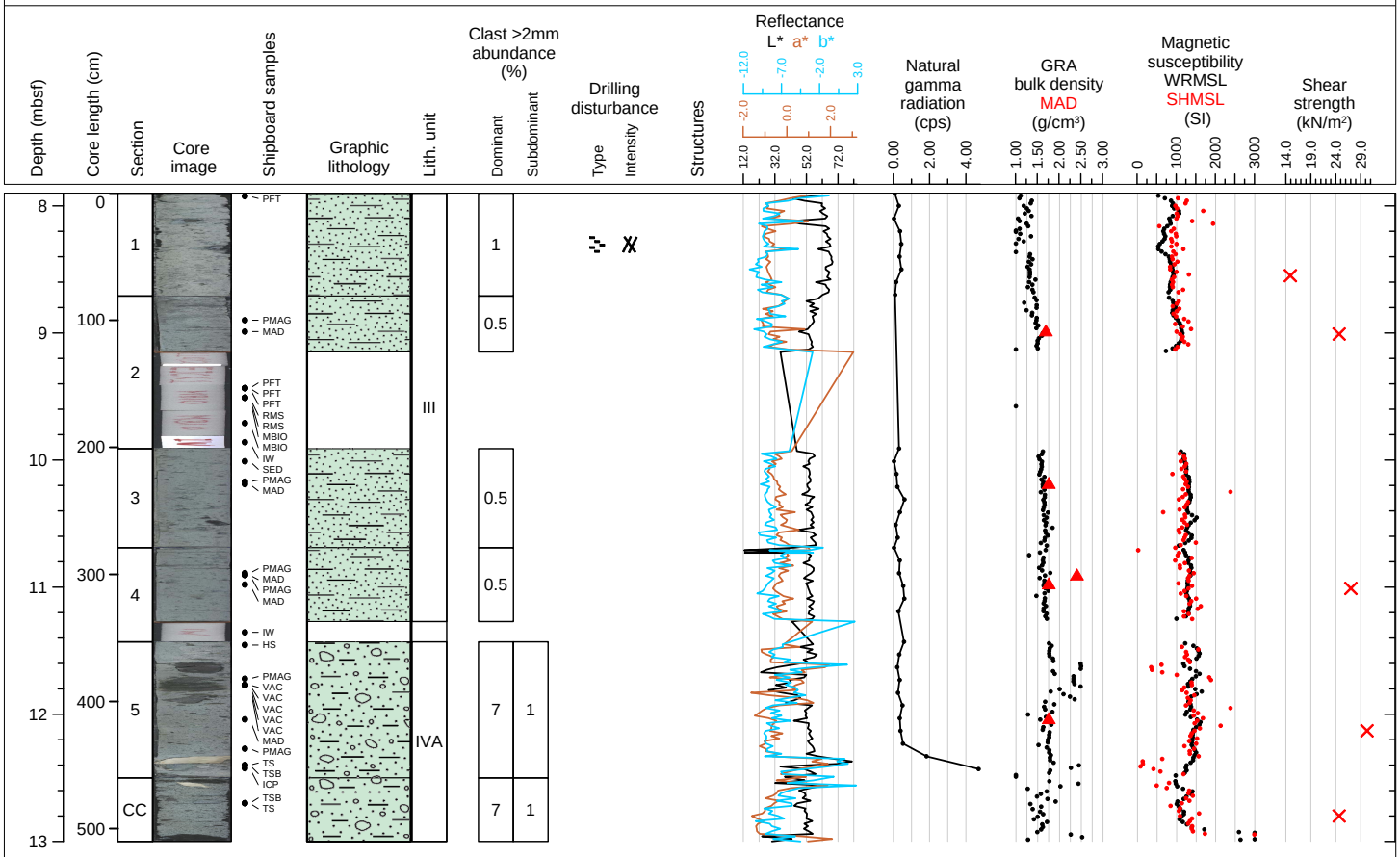
Hole 366-U1496A Core 2F, Interval 3.2-7.65 m (CSF-A)

bluish gray serpentinite mud with lithic clasts changing down hole to light greenish gray serpentinite mud with lithic clasts; clast percent is less than 5%.



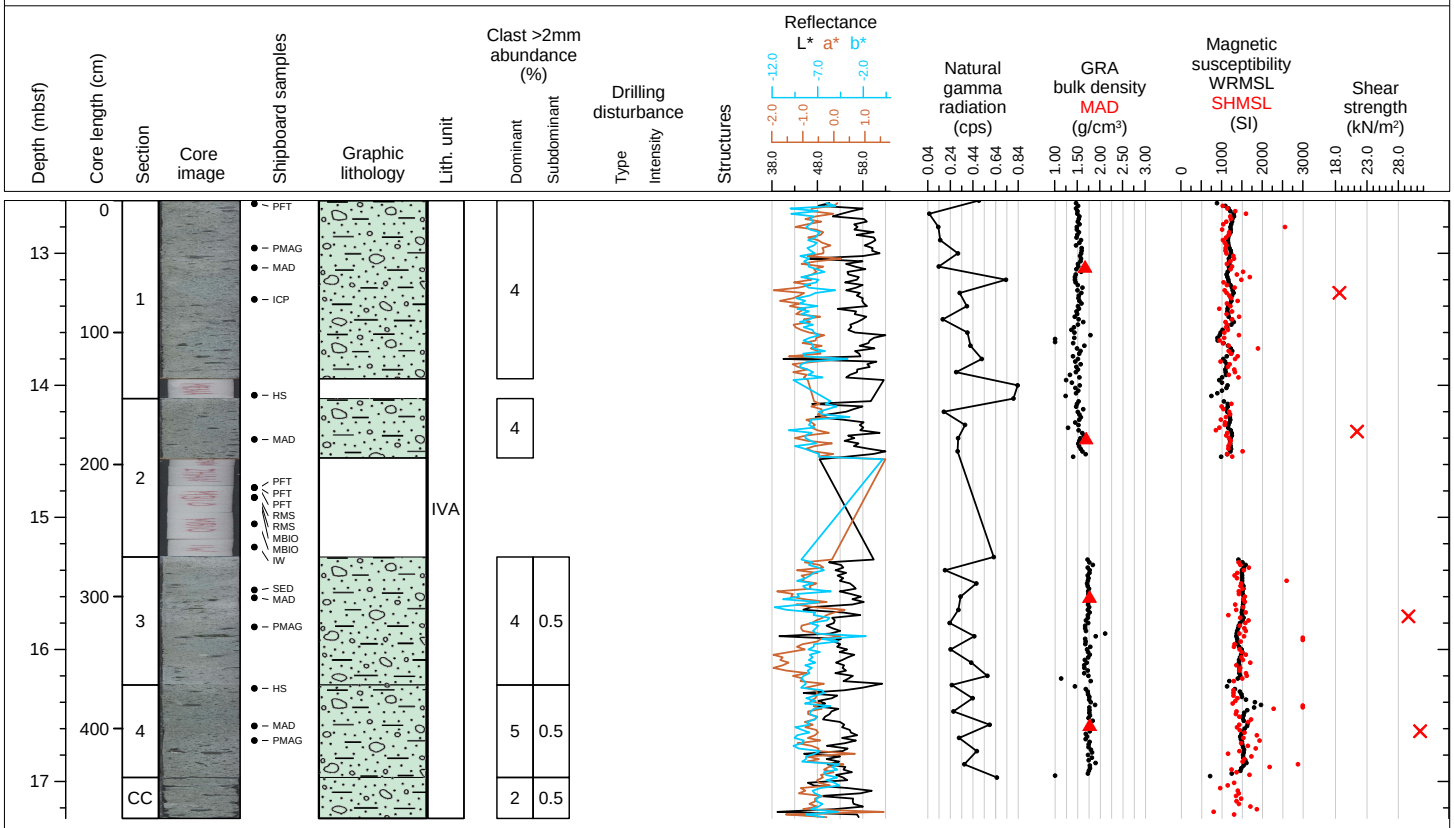
Hole 366-U1496A Core 3F, Interval 7.9-13.0 m (CSF-A)

light greenish gray serpentinite mud with lithic clasts; clast percent is less than 5%, changing down hole (Section 5, CC) to serpentinite pebbly mud with lithic clasts.



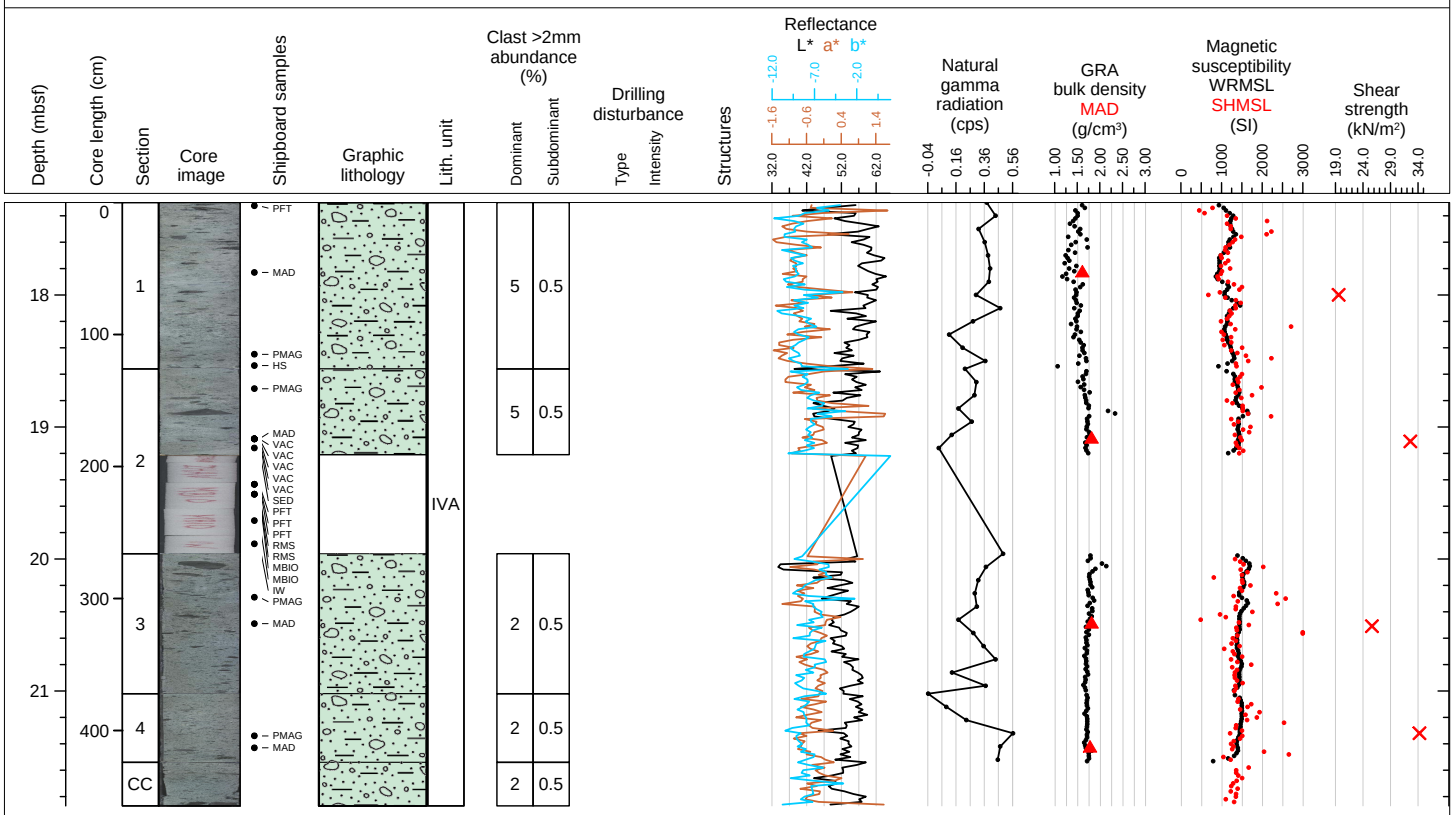
Hole 366-U1496A Core 4F, Interval 12.6-17.28 m (CSF-A)

greenish gray serpentinite pebbly mud with lithic clasts



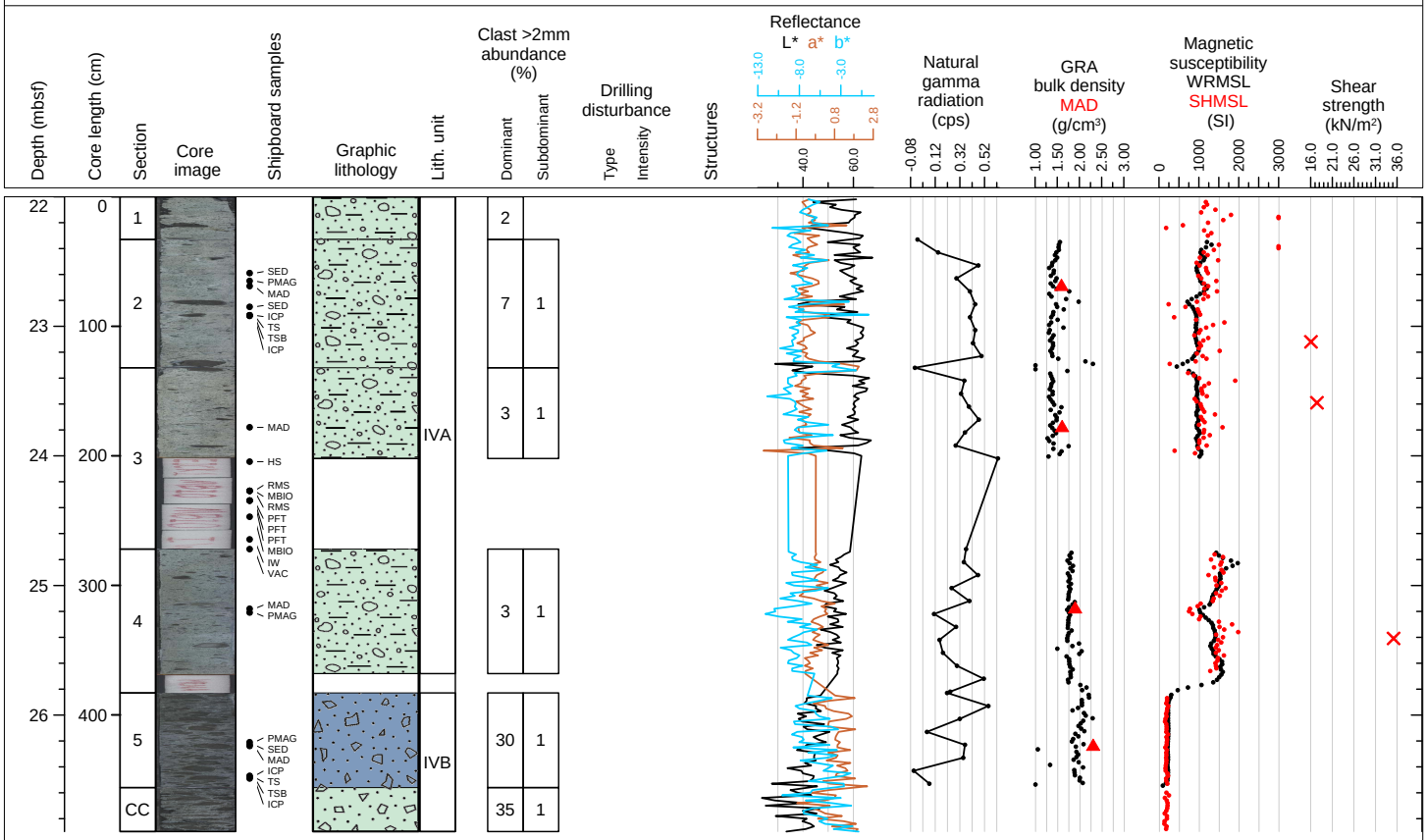
Hole 366-U1496A Core 5F, Interval 17.3-21.87 m (CSF-A)

greenish gray serpentinite pebbly mud with lithic clasts



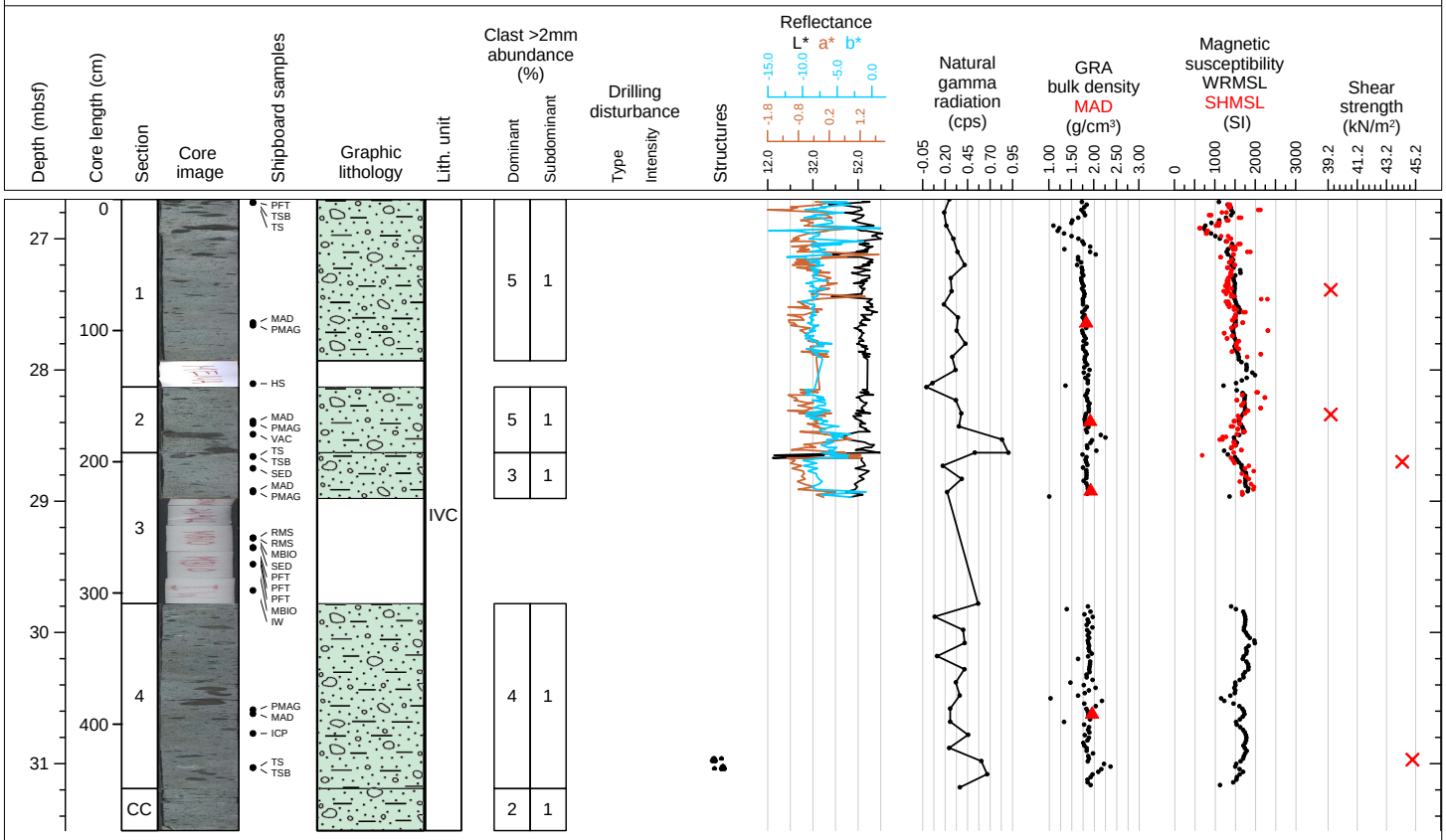
Hole 366-U1496A Core 6F, Interval 22.0-26.9 m (CSF-A)

greenish gray serpentinite pebbly mud with lithic clasts, changing down hole (section 5, CC) to bluish-gray matrix-supported monomict breccia



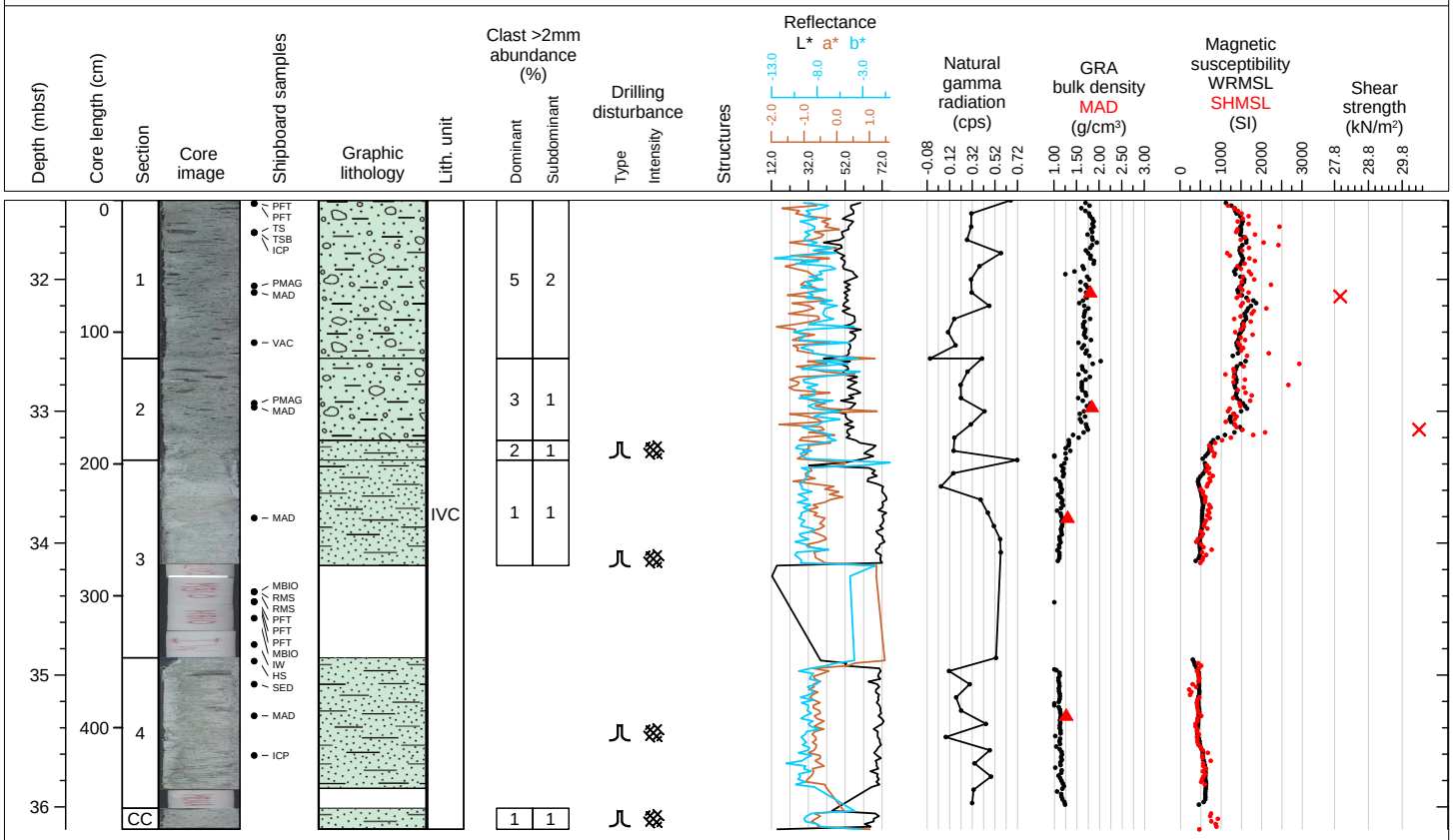
Hole 366-U1496A Core 7F, Interval 26.7-31.51 m (CSF-A)

greenish gray serpentinite pebbly mud with lithic clasts



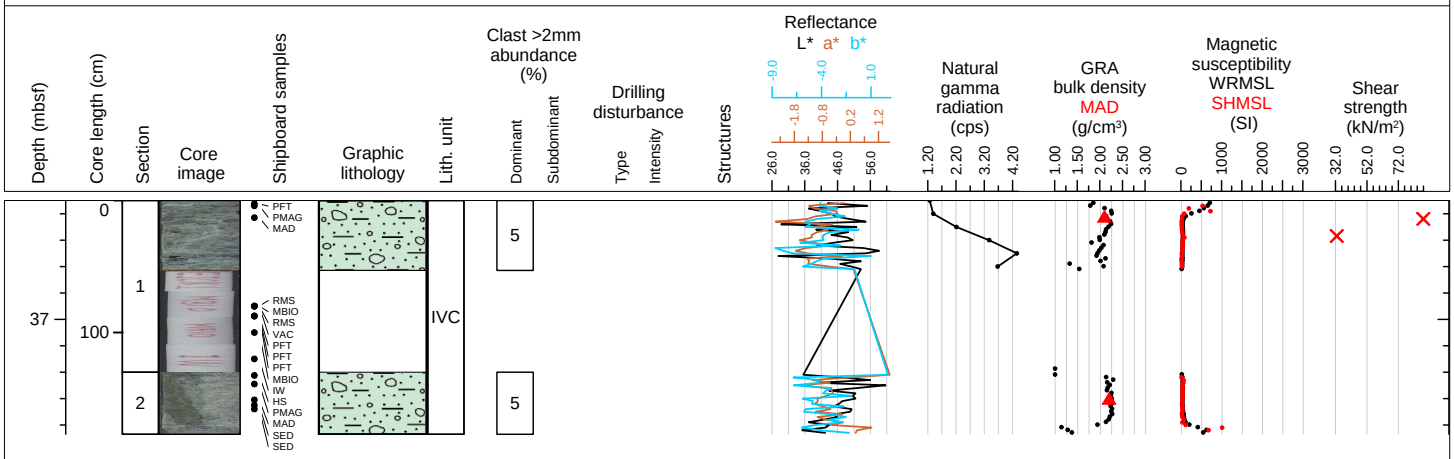
Hole 366-U1496A Core 8F, Interval 31.4-36.17 m (CSF-A)

greenish gray serpentinite pebbly mud with lithic clasts, with incresing down hole content of lithic clasts



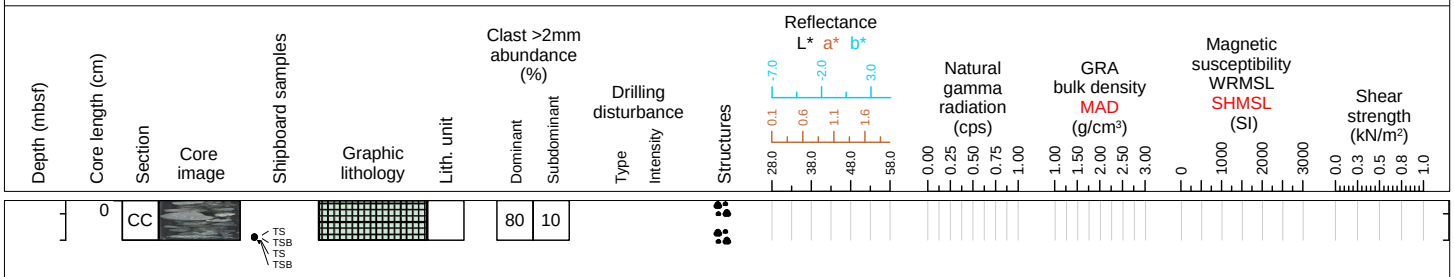
Hole 366-U1496A Core 9F, Interval 36.1-37.87 m (CSF-A)

greenish gray serpentinite pebbly mud with lithic clasts



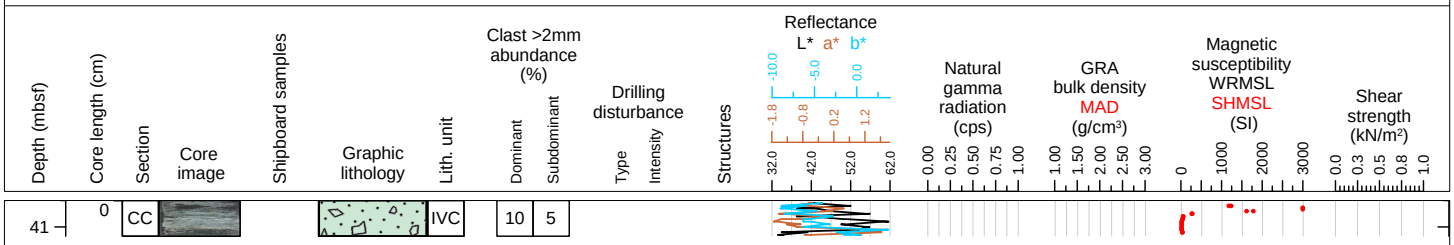
Hole 366-U1496A Core 10G, Interval 40.5-40.8 m (CSF-A)

GHOST CORE
serpentinite clasts



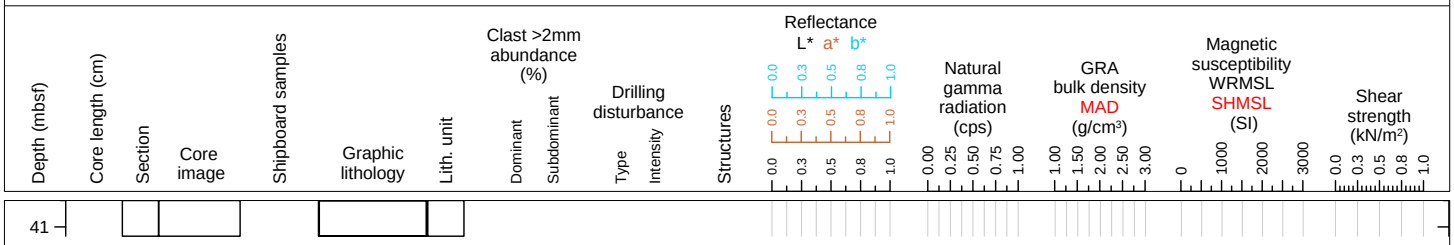
Hole 366-U1496A Core 11X, Interval 40.8-41.07 m (CSF-A)

greenish-gray serpentinite pebbly mud with lithic clasts



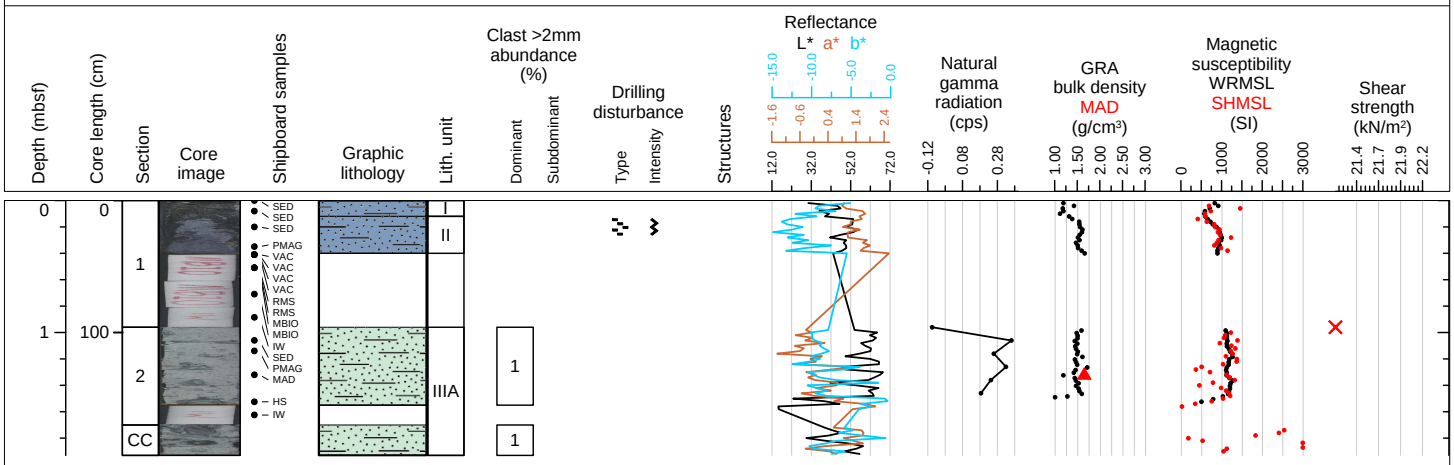
Hole 366-U1496A Core 121, Interval 42.8-42.8 m (CSF-A)

DRILLED INTERVAL



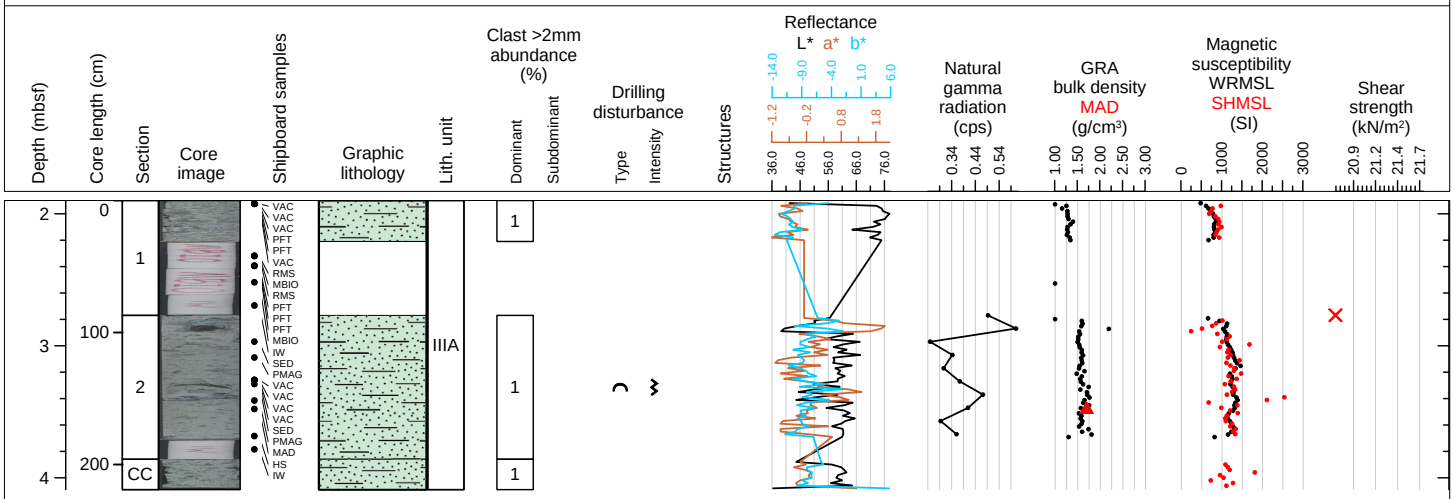
Hole 366-U1496B Core 1F, Interval 0.0-1.93 m (CSF-A)

grayish serpentinite mud with foraminifers and lithic clasts changing down hole to bluish gray serpentinite mud with lithic clasts and light greenish gray serpentinite mud with lithic clasts



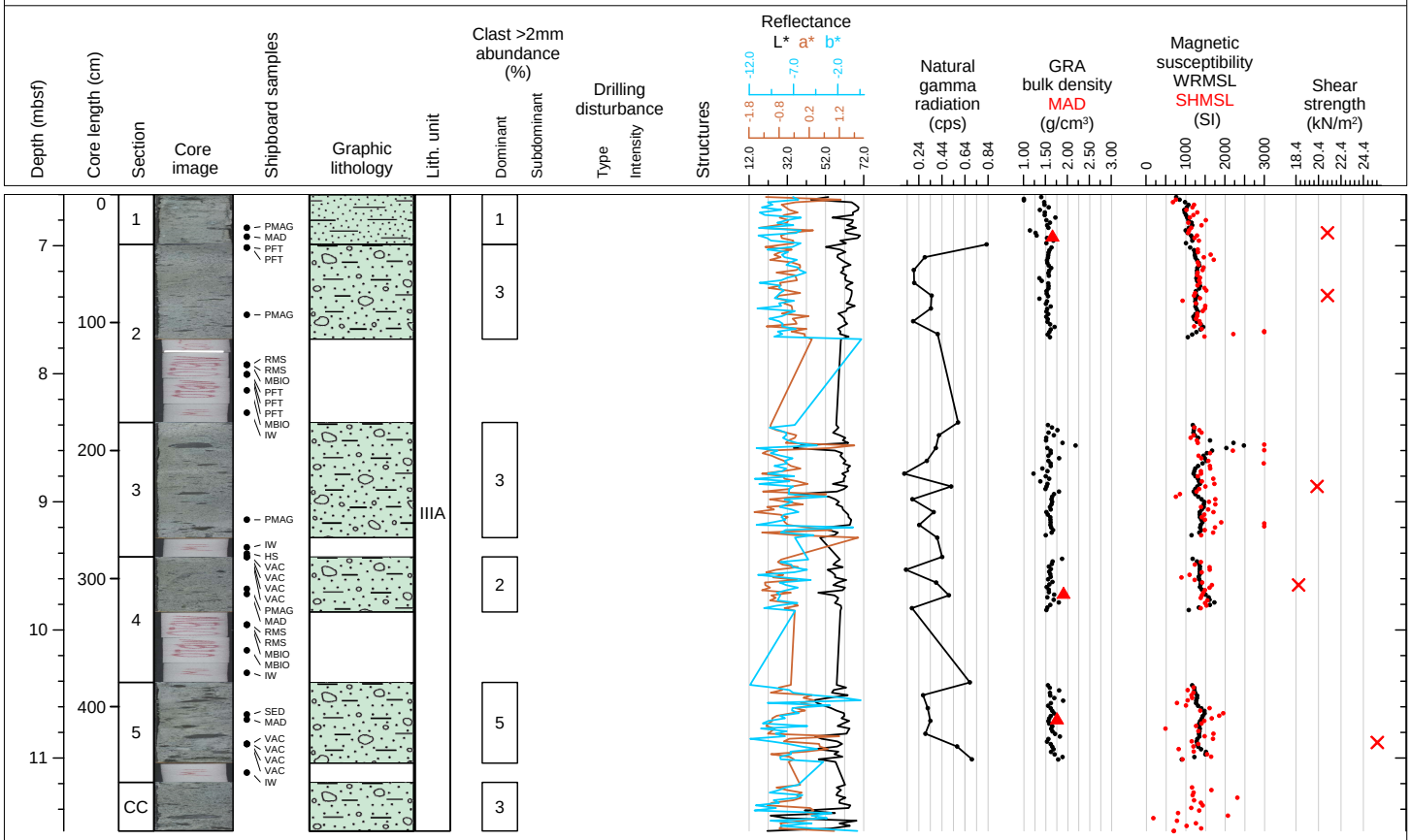
Hole 366-U1496B Core 2F, Interval 1.9-4.09 m (CSF-A)

light greenish gray serpentinite mud with lithic clasts



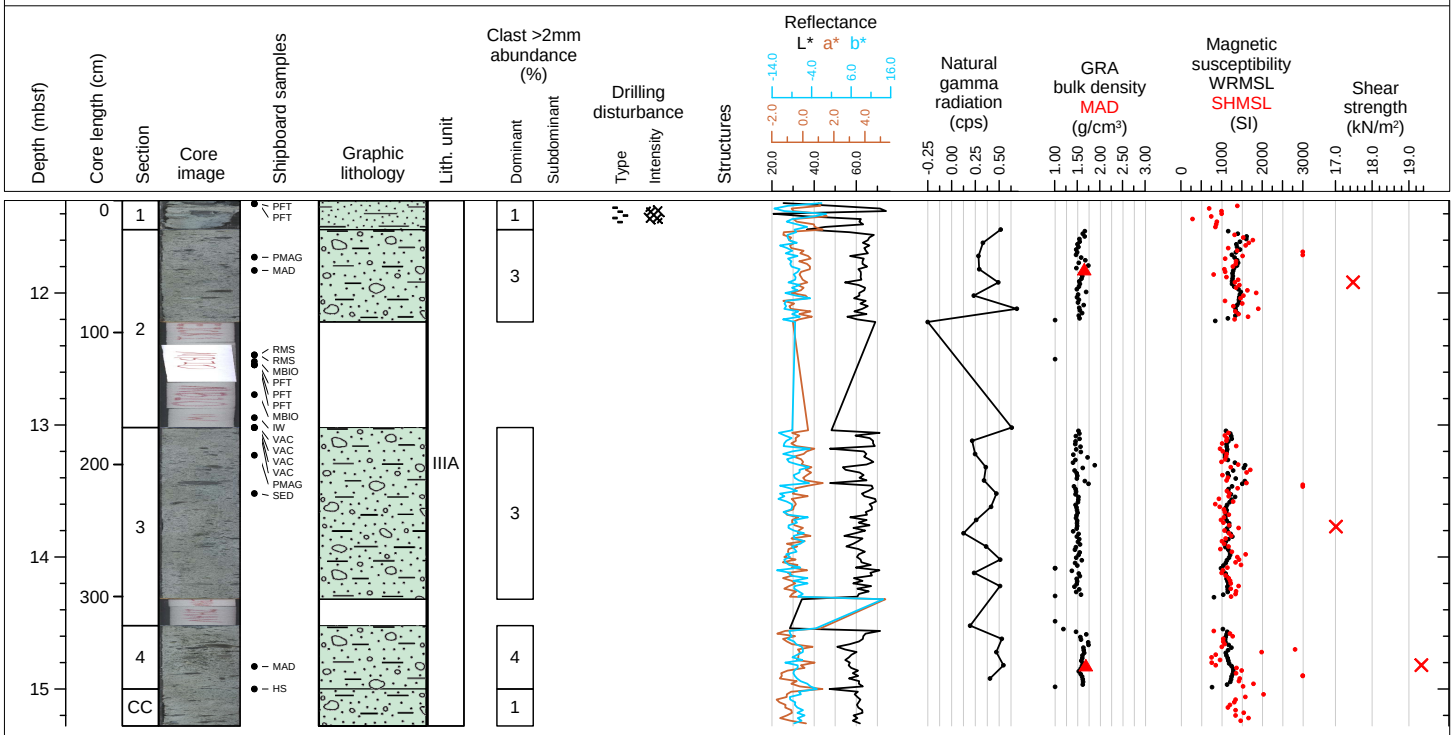
Hole 366-U1496B Core 3F, Interval 6.6-11.57 m (CSF-A)

light greenish gray serpentinite mud with lithic clasts grading into light greenish grey serpentinite pebbly mud



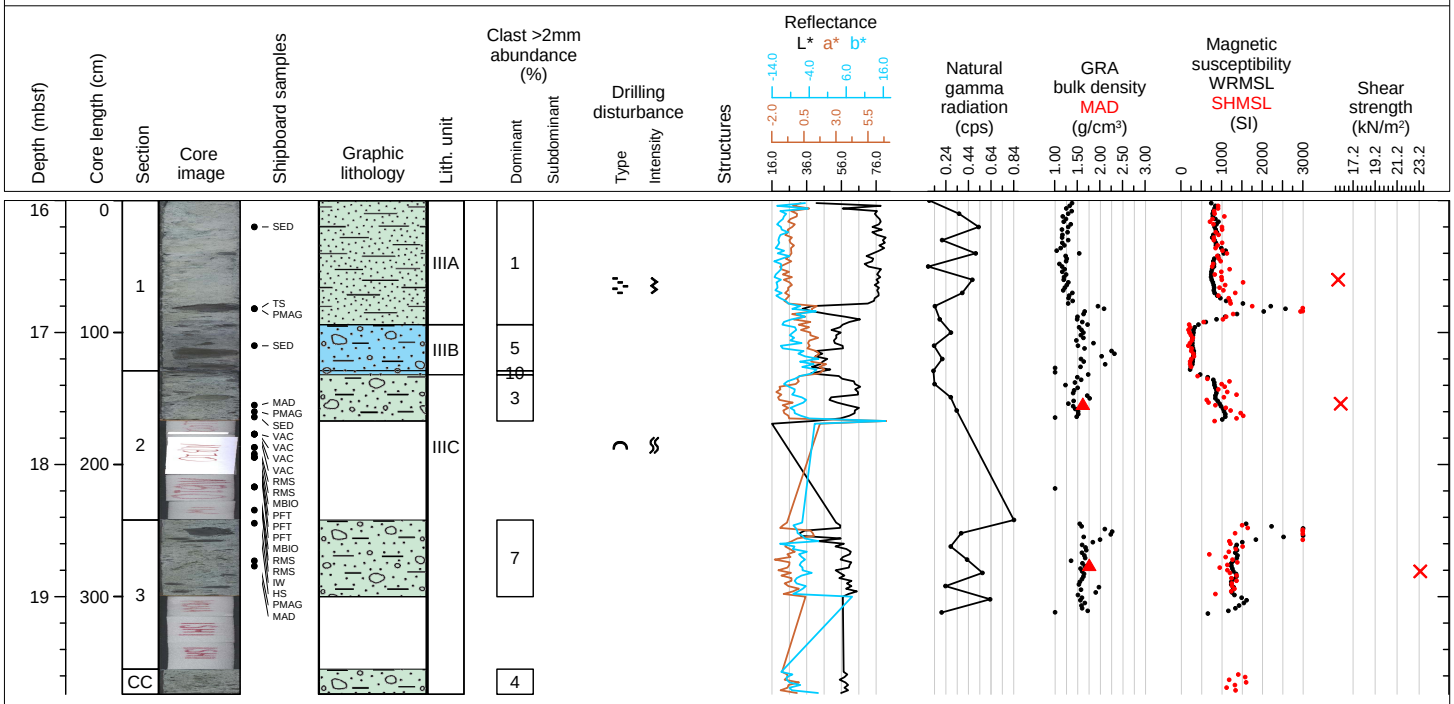
Hole 366-U1496B Core 4F, Interval 11.3-15.28 m (CSF-A)

light greenish gray serpentinite pebbly mud



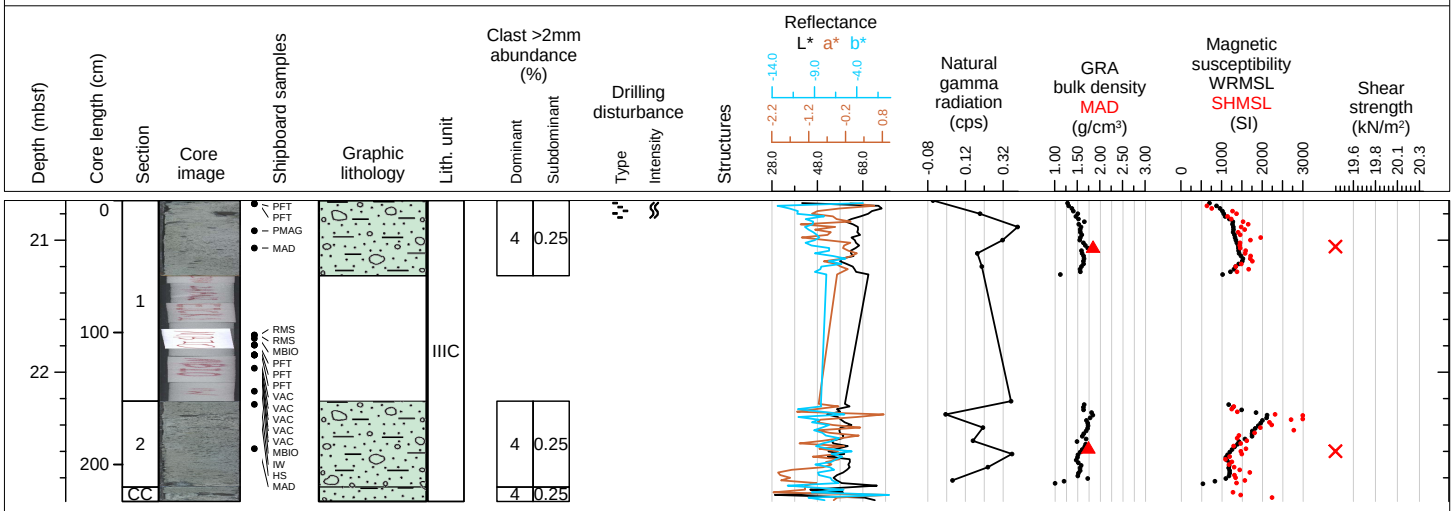
Hole 366-U1496B Core 5F, Interval 16.0-19.74 m (CSF-A)

light greenish gray serpentinite pebbly mud with a 38 cm layer of bluish gray serpentinite pebbly mud



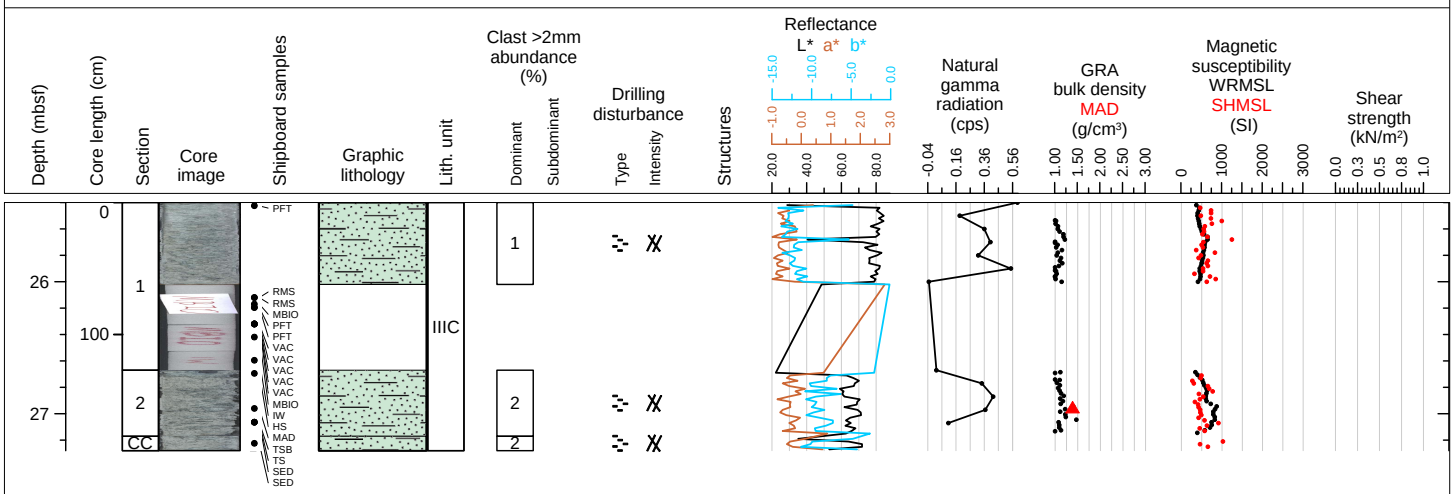
Hole 366-U1496B Core 6F, Interval 20.7-22.98 m (CSF-A)

light greenish gray serpentinite pebbly mud with lithic clasts in lower half of core



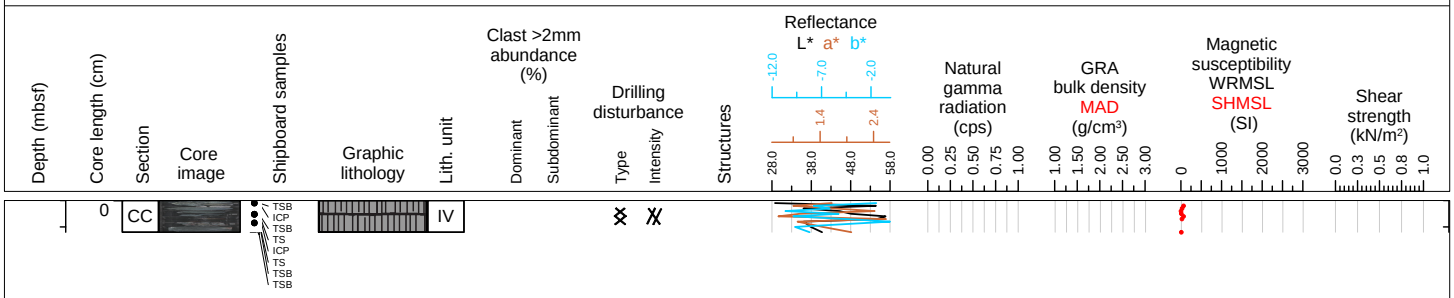
Hole 366-U1496B Core 7F, Interval 25.4-27.28 m (CSF-A)

light greenish gray serpentinite mud with lithic clasts



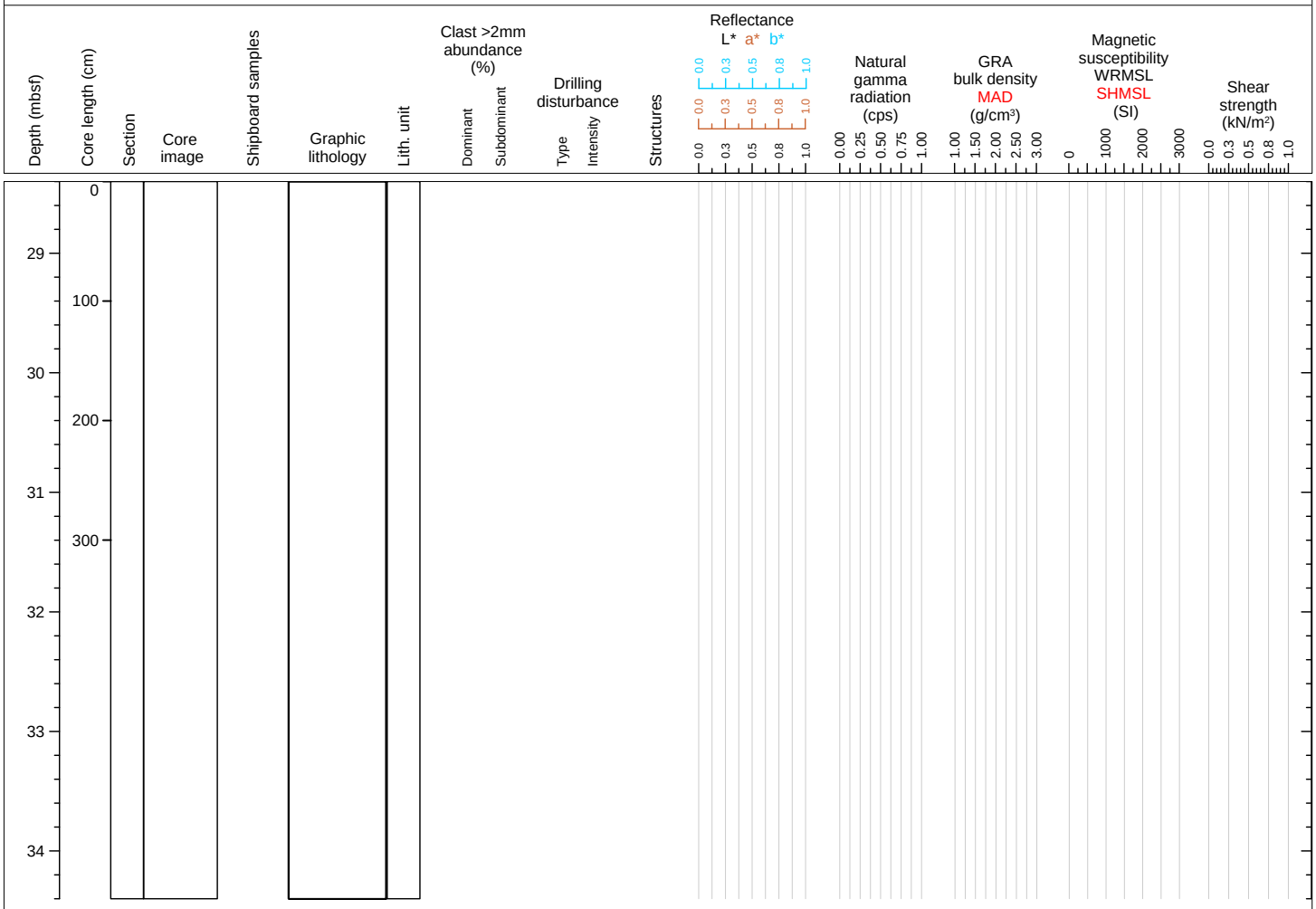
Hole 366-U1496B Core 8X, Interval 27.4-27.64 m (CSF-A)

Metabasalt with rodingite veins. Basalt greenstone is dark greenish gray (GLEY 2 4/10BG) medium grained rock crosscut by light green very thin veinlets and carbonate veins (up to 1 mm). It contains a rodingite domain. Rodingite composed of a reddish brown (10R 3/3 dusky red) mineral, green (Gley 1 3/5G very dark grayish green) chlorite or amphibole, and carbonate. Crosscut by carbonate veins.



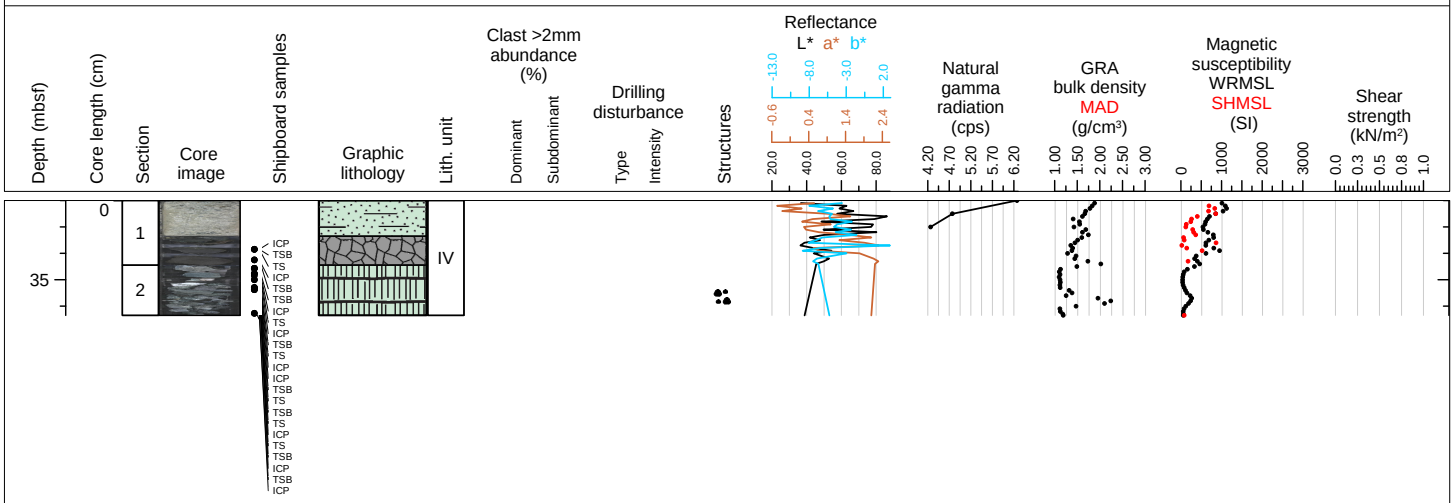
Hole 366-U1496B Core 91, Interval 28.4-34.4 m (CSF-A)

DRILLED INTERVAL



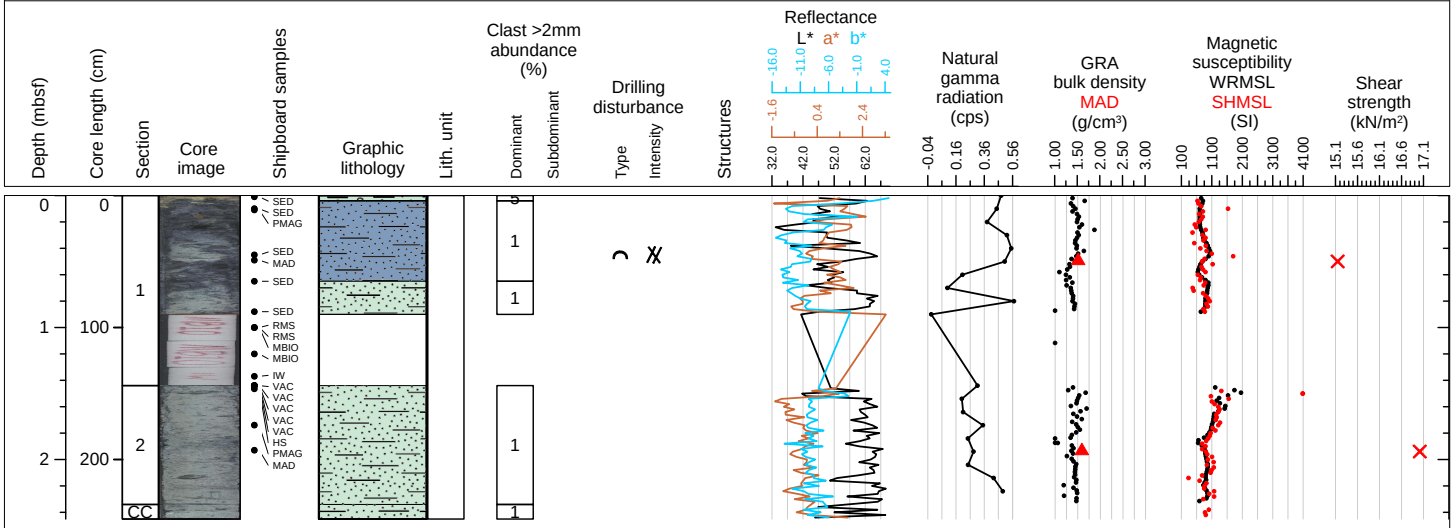
Hole 366-U1496B Core 10F, Interval 34.4-35.27 m (CSF-A)

Fragments of ultramafic rock and metabasite (greenstone), presumed clasts in serpentinite mudflow. Ground up by rotary core bit.



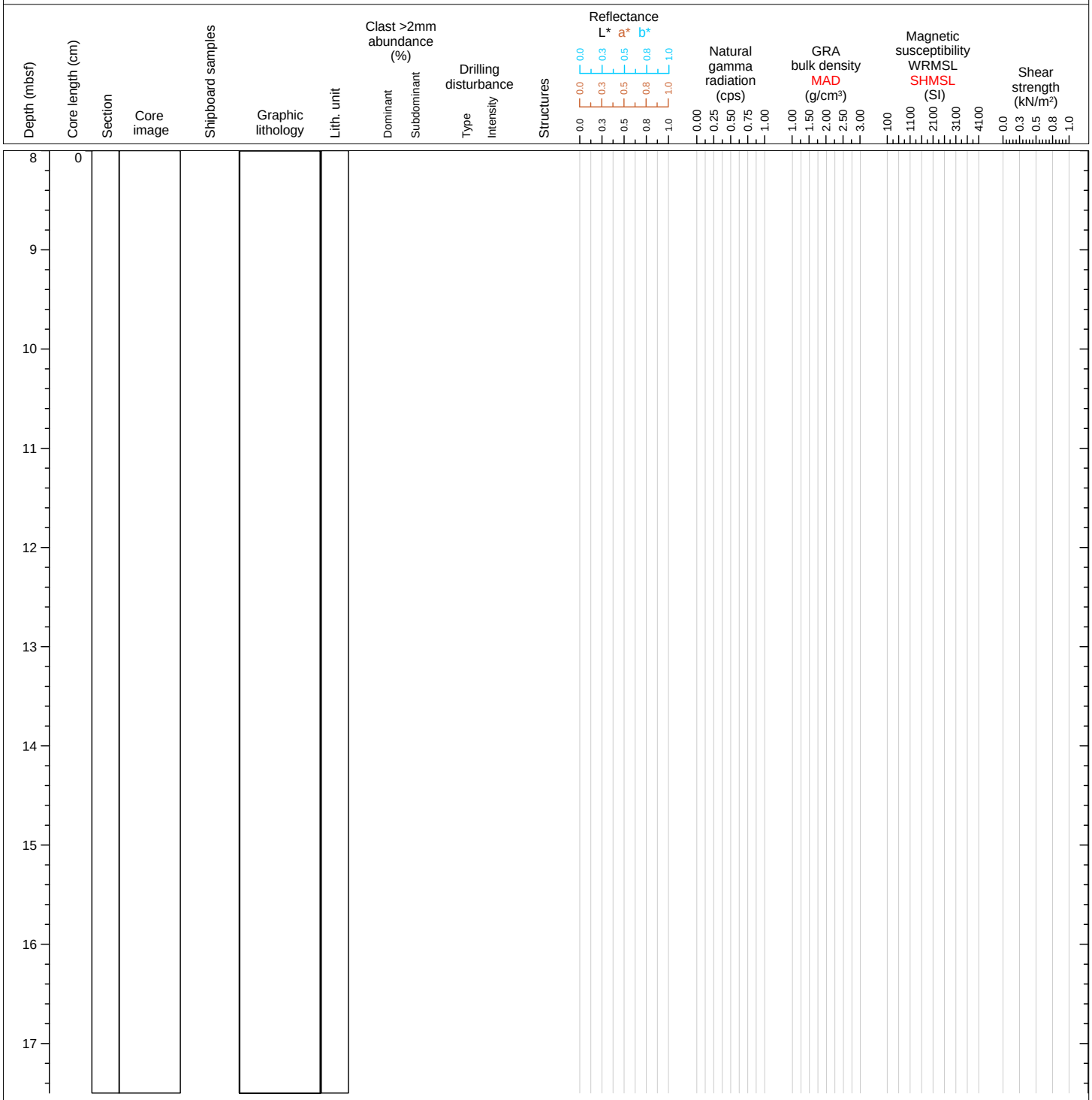
Hole 366-U1496C Core 1R, Interval 0.0-2.45 m (CSF-A)

Core U1496C-1R consists of (i) greenish-gray mud with about 5% of pebble-sized lithic clasts, (ii) dark bluish-gray serpentinite mud with about 1% of serpentinized ultramafic clasts and (iii) light greenish-gray serpentinite mud with about 1% of serpentinized ultramafic clasts. Drilling disturbance is severe in the uppermost section.



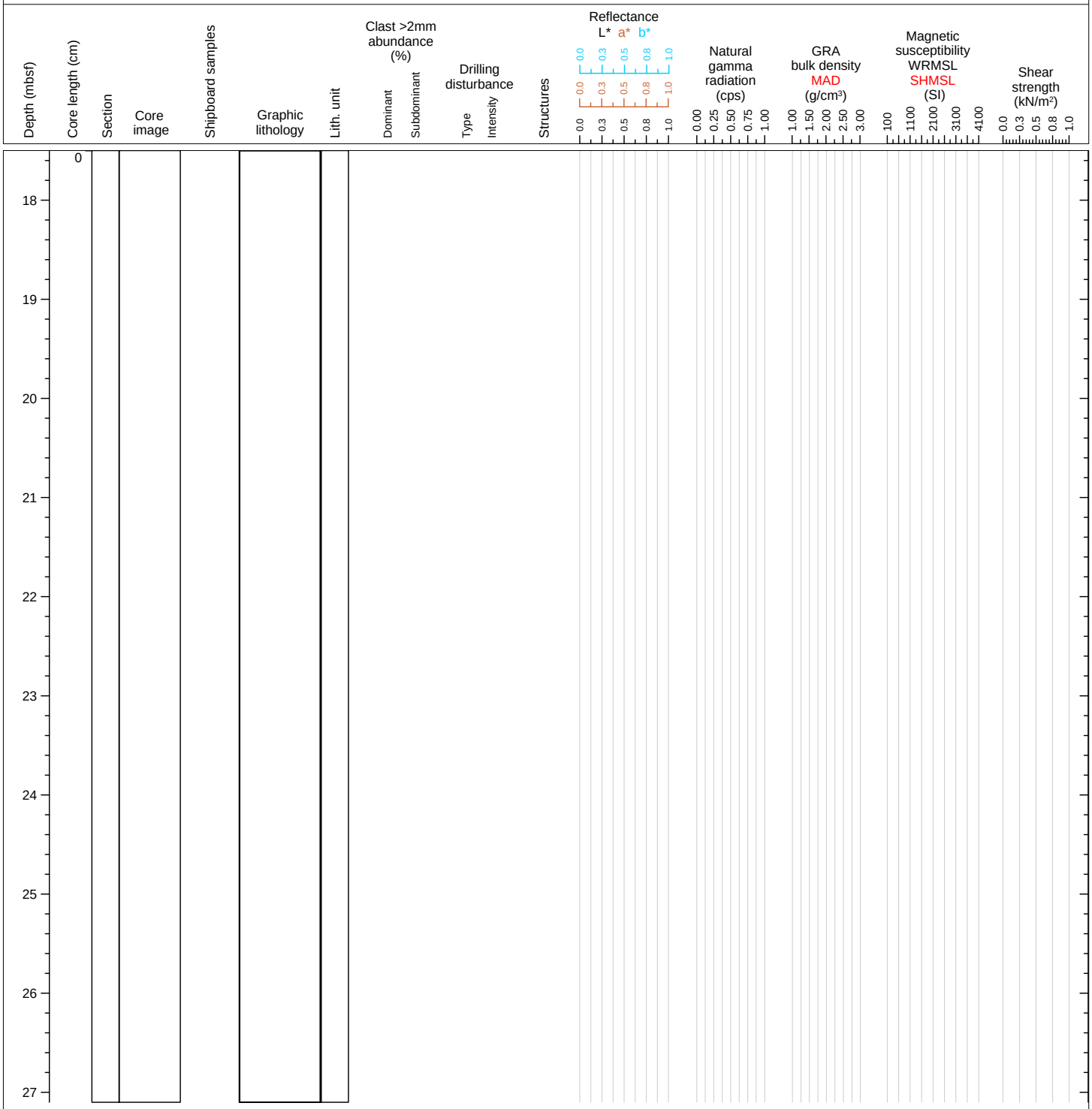
Hole 366-U1496C Core 2R, Interval 8.0-17.5 m (CSF-A)

NO RECOVERY



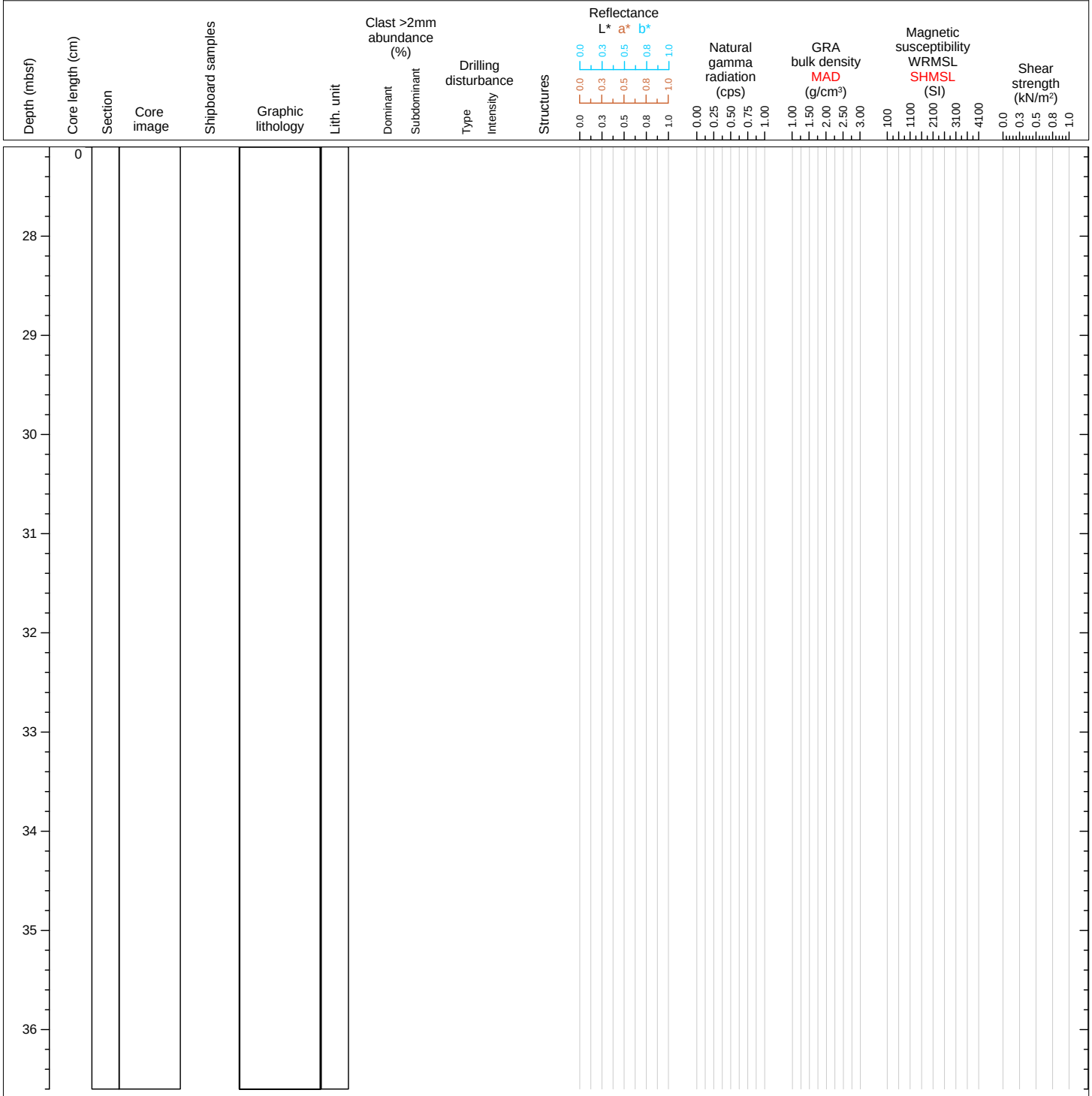
Hole 366-U1496C Core 3R, Interval 17.5-27.1 m (CSF-A)

NO RECOVERY



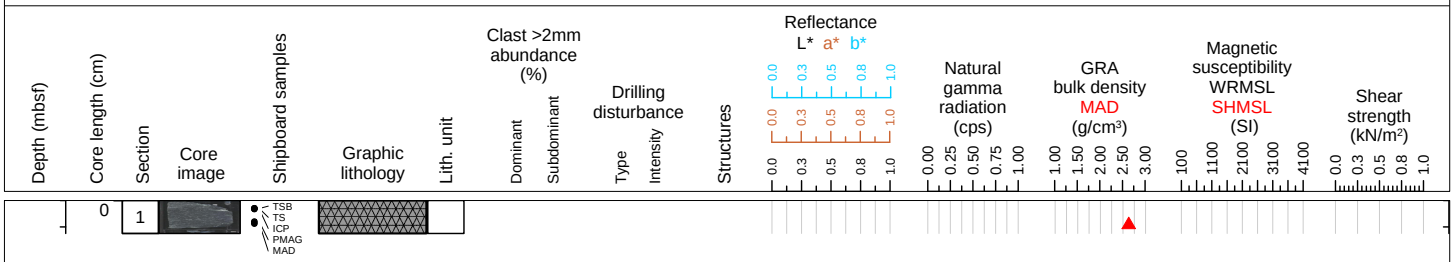
Hole 366-U1496C Core 4R, Interval 27.1-36.6 m (CSF-A)

NO RECOVERY



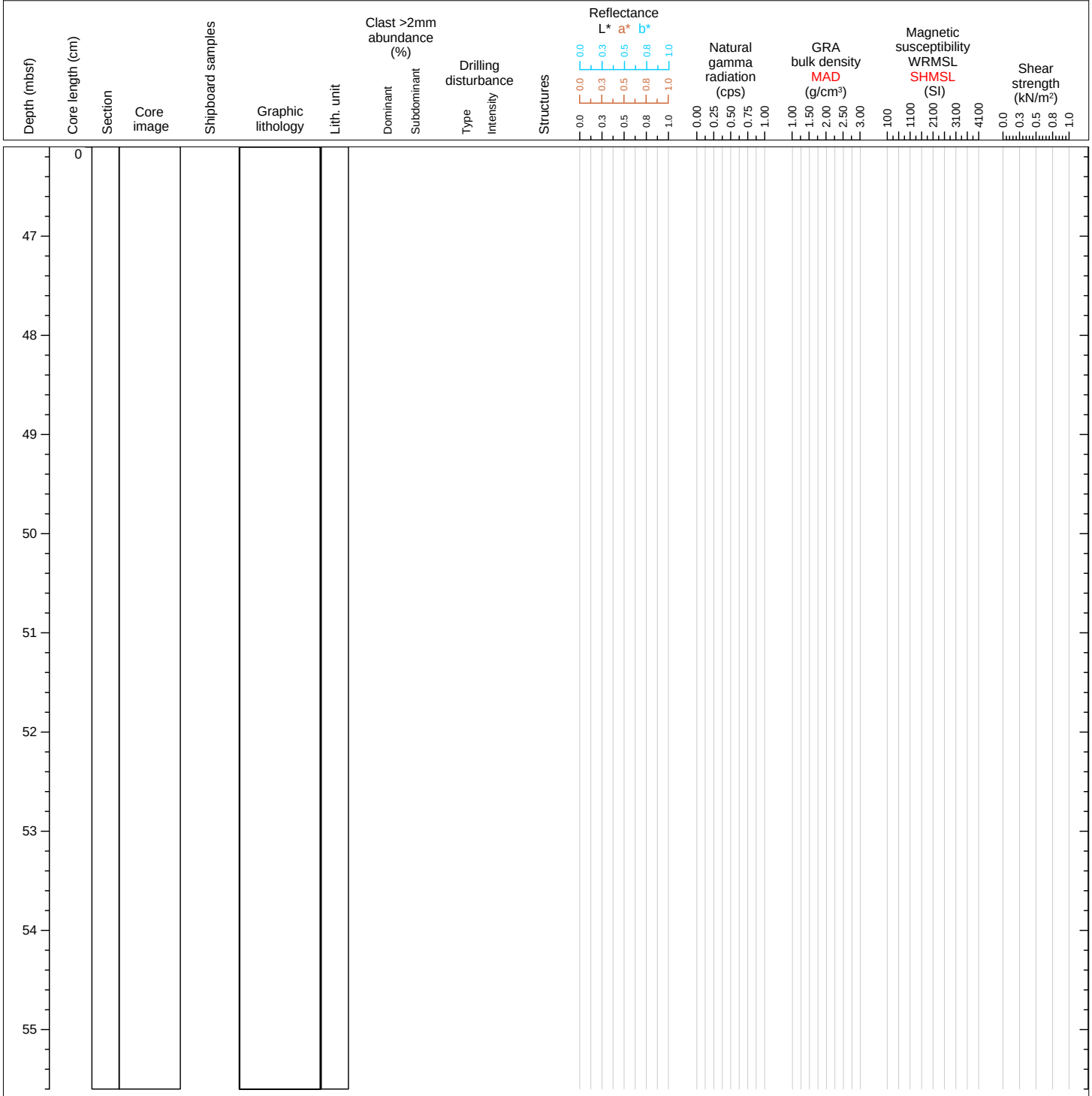
Hole 366-U1496C Core 5R, Interval 36.6-36.85 m (CSF-A)

Core U1496C-5R consists of one 20-cm-long and several cm-sized pieces of very dark bluish-gray harzburgite. They exhibit a coarse grained, porphyroclastic texture and consist of about 15% (ortho-)pyroxene. The clasts appear moderately serpentinized (about 75%) and feature numerous serpentine veins of different generations.



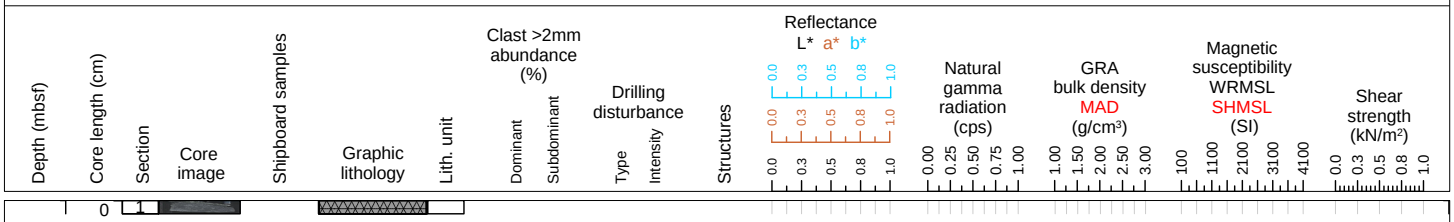
Hole 366-U1496C Core 6R, Interval 46.1-55.6 m (CSF-A)

NO RECOVERY



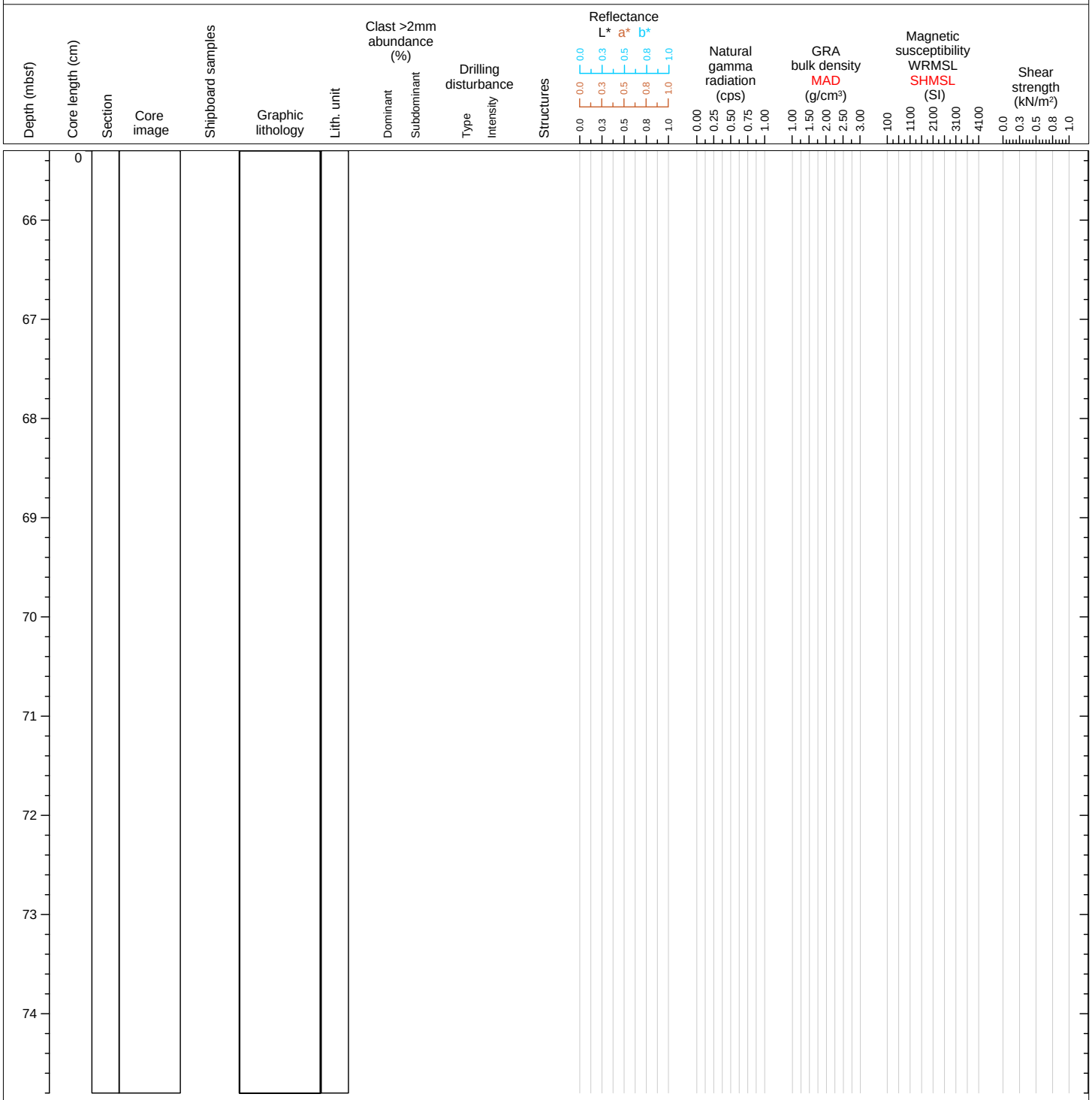
Hole 366-U1496C Core 7R, Interval 55.6-55.7 m (CSF-A)

Core U1496C-7R consists of a large clast of serpentinized harzburgite. It is coarse grained with a porphyroclastic texture, consisting of about 80% olivine/serpentine, 15% orthopyroxene/bastite and 5% spinel. Serpentinization is estimated to be 75%. Serpentine veins of numerous generations crosscut the clast.



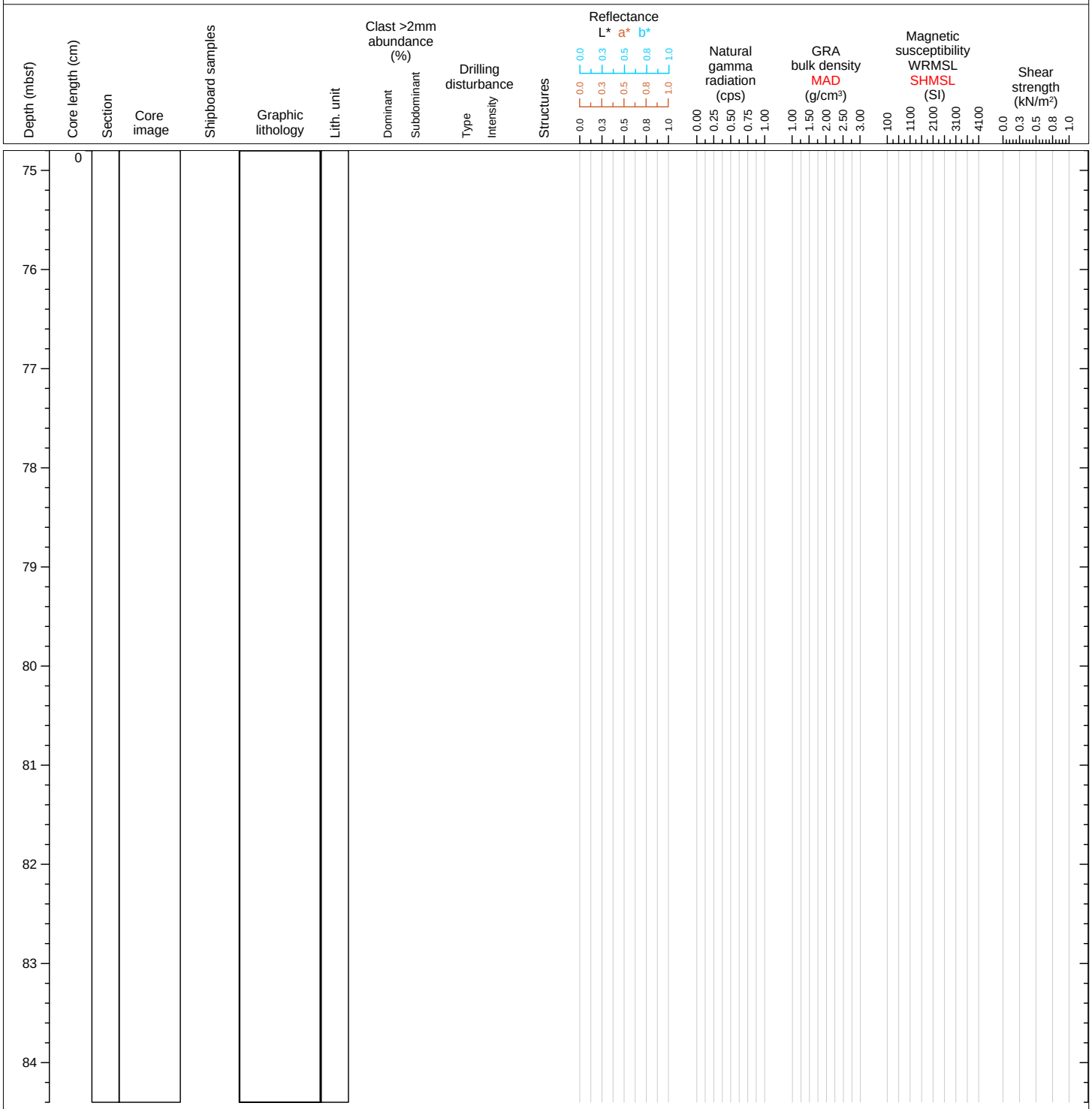
Hole 366-U1496C Core 8R, Interval 65.3-74.8 m (CSF-A)

NO RECOVERY



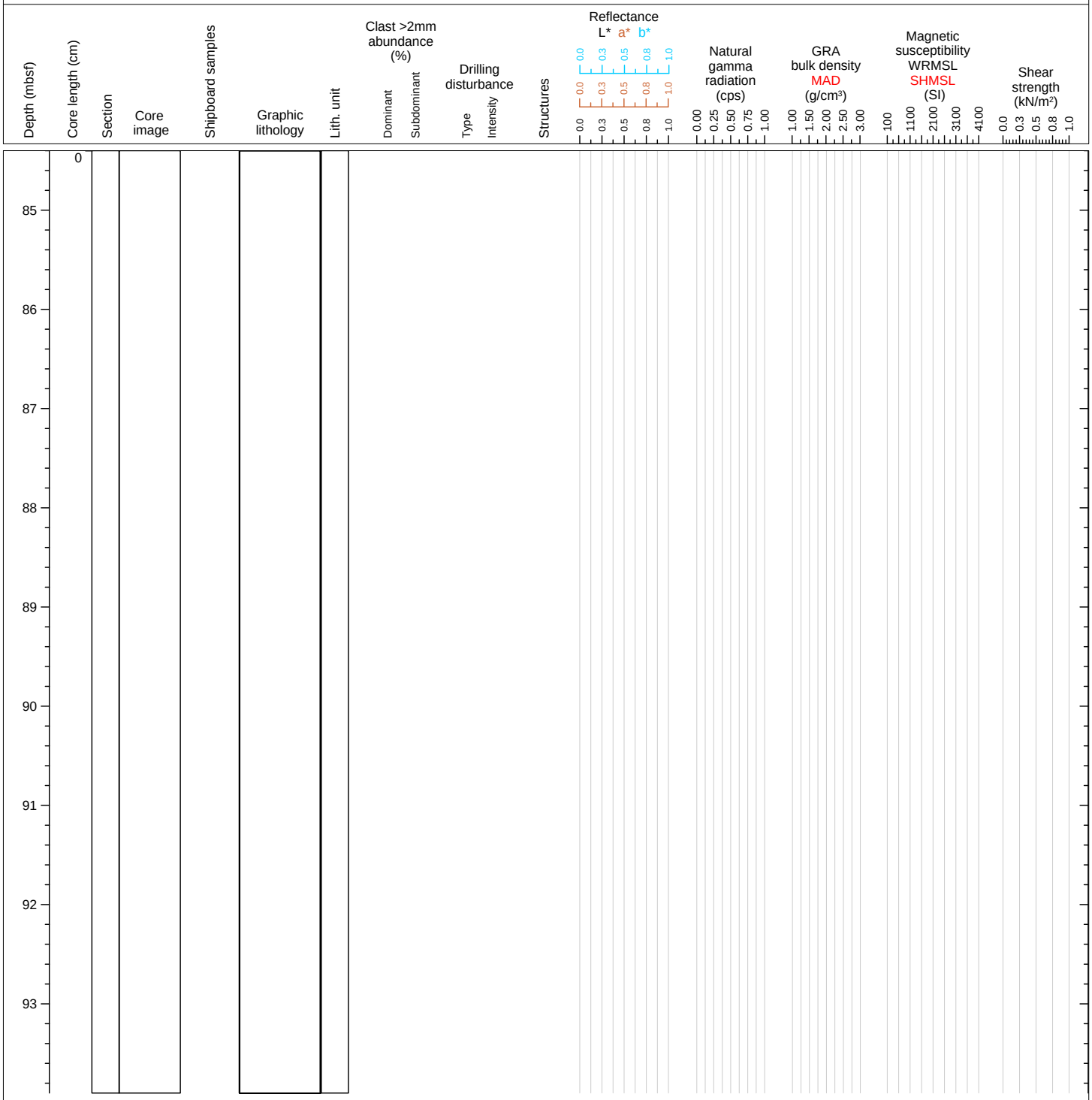
Hole 366-U1496C Core 9R, Interval 74.8-84.4 m (CSF-A)

NO RECOVERY



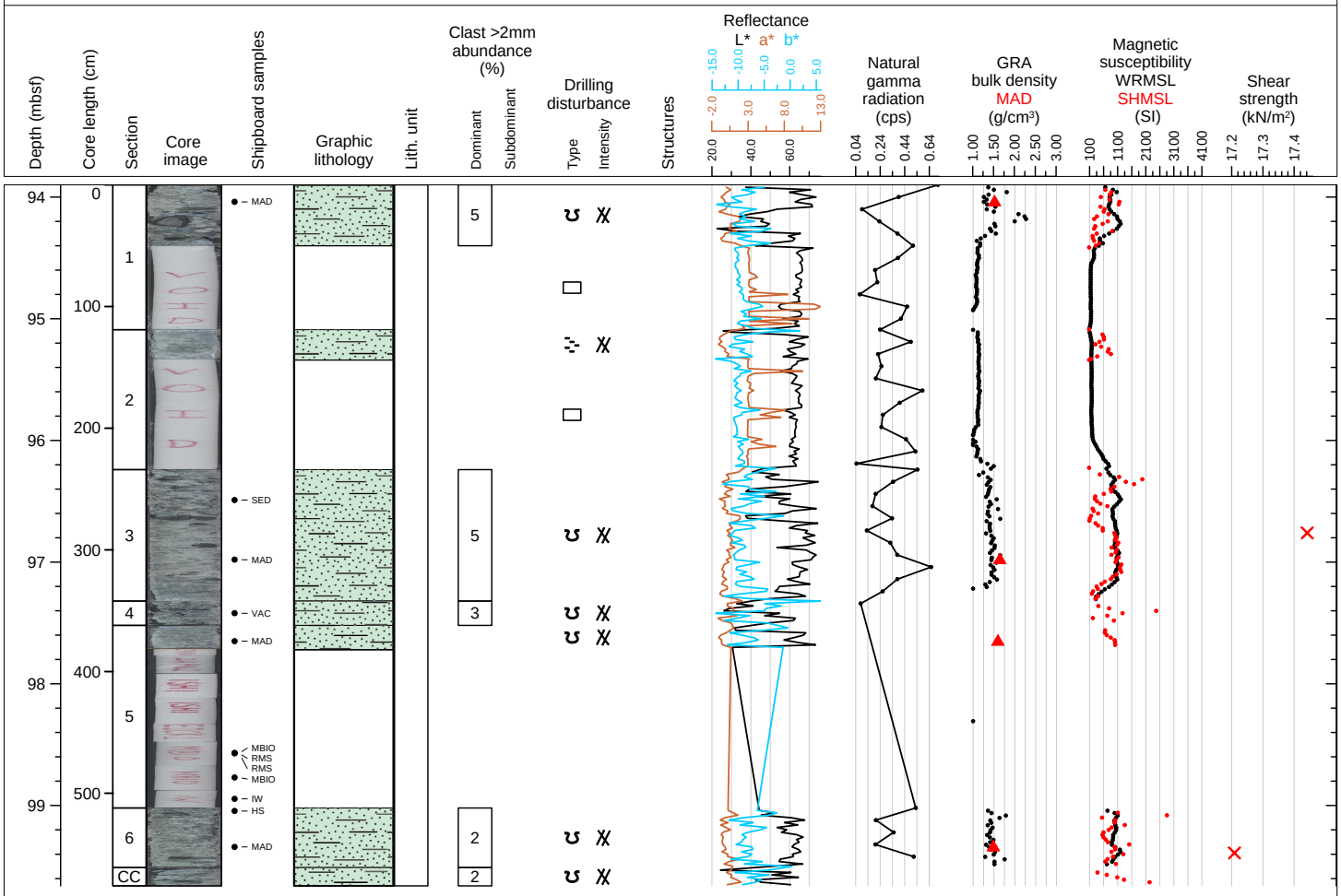
Hole 366-U1496C Core 10R, Interval 84.4-93.9 m (CSF-A)

NO RECOVERY



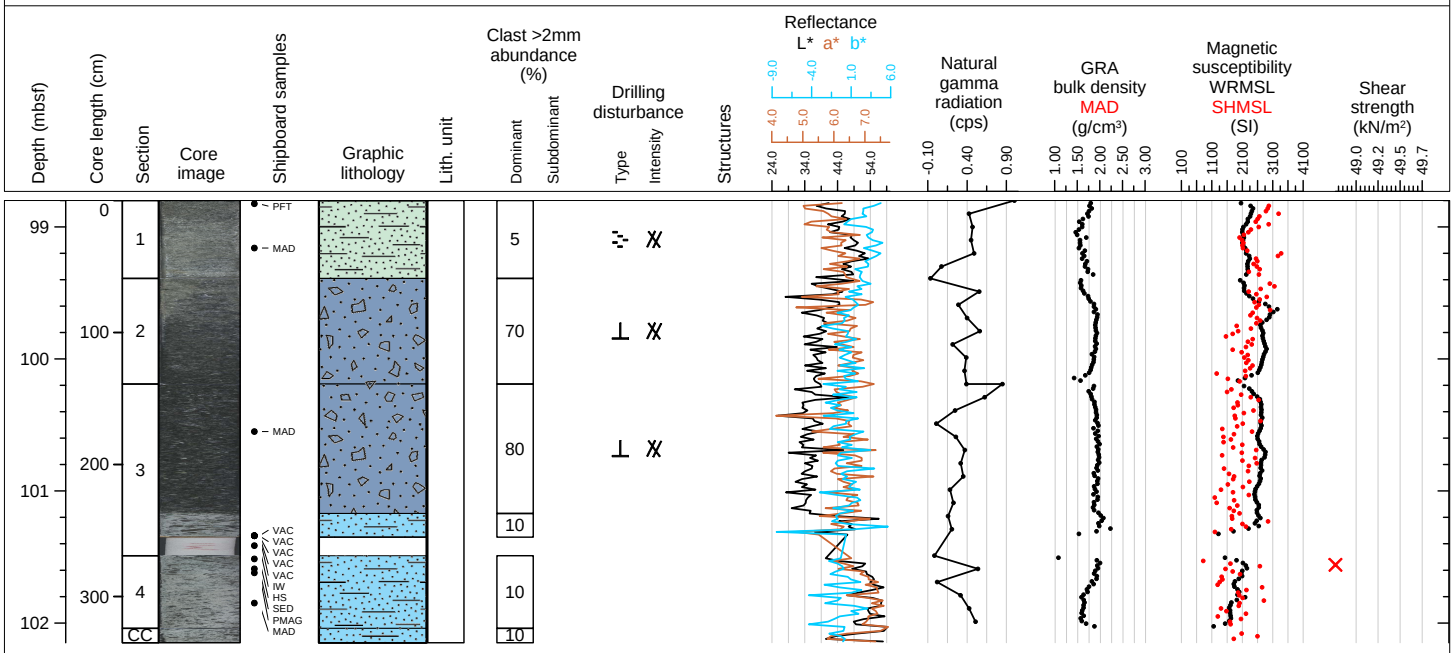
Hole 366-U1496C Core 11R, Interval 93.9-99.66 m (CSF-A)

Core U1496C-11R consists of light greenish-gray serpentinite mud with about 2-5% clasts of serpentinized ultramafic rock. Drilling disturbance is severe (core extension, void space and soupy sediments) throughout the core.



Hole 366-U1496C Core 12G, Interval 98.8-102.15 m (CSF-A)

GHOST CORE
Core U1496C-12G consists of (i) greenish to light bluish gray serpentinite mud with 5-10% sand to pebble size ultramafic rock clasts and (ii) dark bluish gray normally graded serpentinite breccia with ultramafic rock clasts (70-80% clasts, sand



Hole 366-U1496C Core 13G, Interval 102.5-106.55 m (CSF-A)

GHOST CORE
Core U1496C-13G consists of light bluish gray serpentinite mud with 2-3% granule to pebble size ultramafic rock clasts.