

# Appendix B

## Properties of marine cores

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Figure B.1 Graphical presentation of data from TAN0706-1

Figure B.2 Graphical presentation of data from TAN0706-2

Figure B.3 Graphical presentation of data from TAN0706-3

Figure B.4 Graphical presentation of data from TAN0706-4

Figure B.5 Graphical presentation of data from TAN0706-5

Figure B.6 Graphical presentation of data from TAN0706-8

Figure B.7 Graphical presentation of data from TAN0706-10

Figure B.8 Graphical presentation of data from TAN0706-13

Figure B.9 Graphical presentation of data from TAN0706-15

Figure B.10 Graphical presentation of data from TAN0706-16

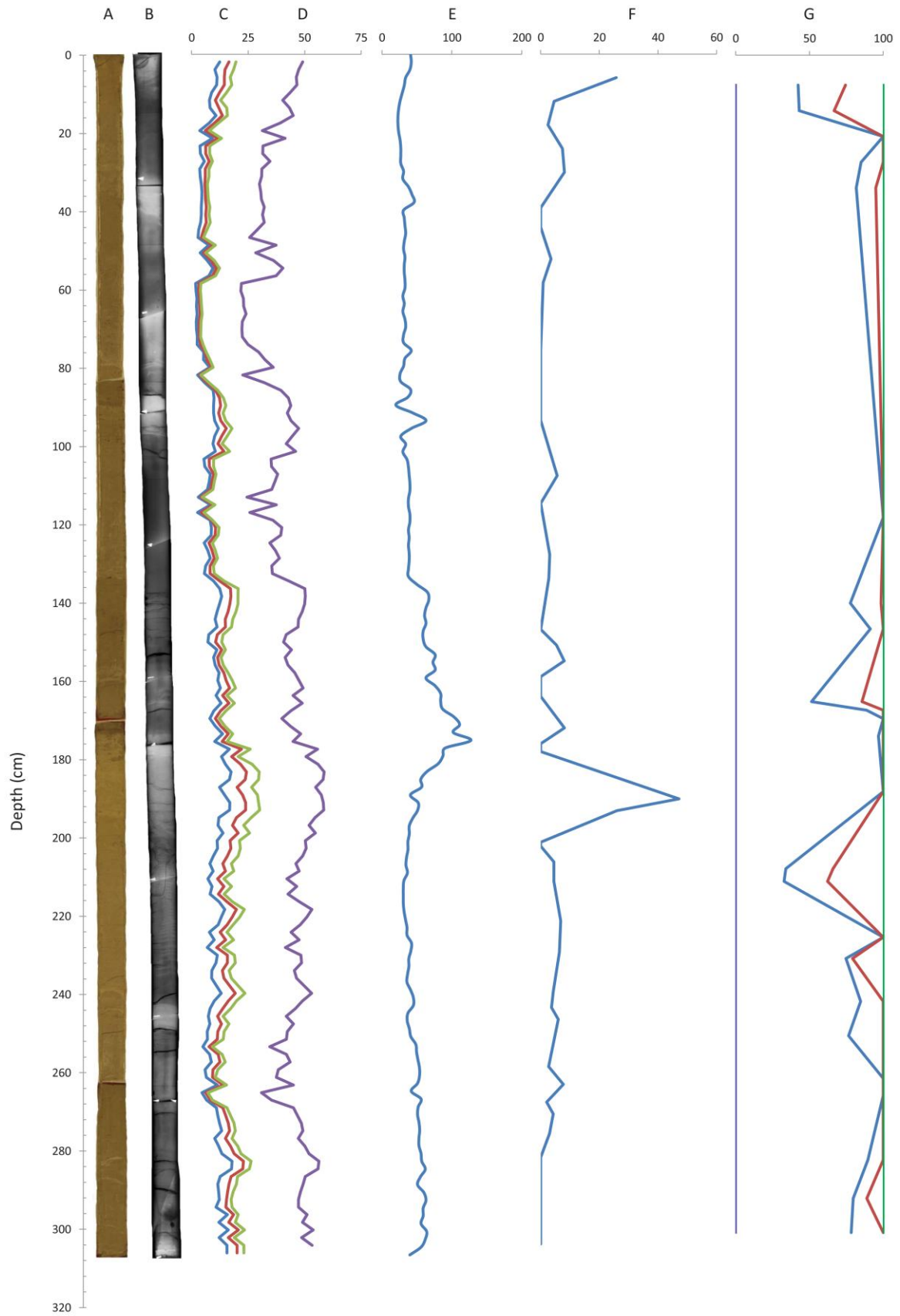


Figure B.1 Graphical representation of data obtained from TAN0706-1 using both non-invasive methods (A-E) and sediment analysis (F and G). A) Photograph of core. B) X-ray image of core. C) Spectral reflectance (nm). D) Colourmetric analysis (L\*). E) Magnetic susceptibility. F) CaCO<sub>3</sub> content (% of sample). G) Sieved cumulative grain size analysis (space between purple and blue lines represents <63  $\mu\text{m}$ ; space between blue and red lines represents 63  $\mu\text{m}$  - 140  $\mu\text{m}$ ; space between red and green lines represents >140  $\mu\text{m}$ )

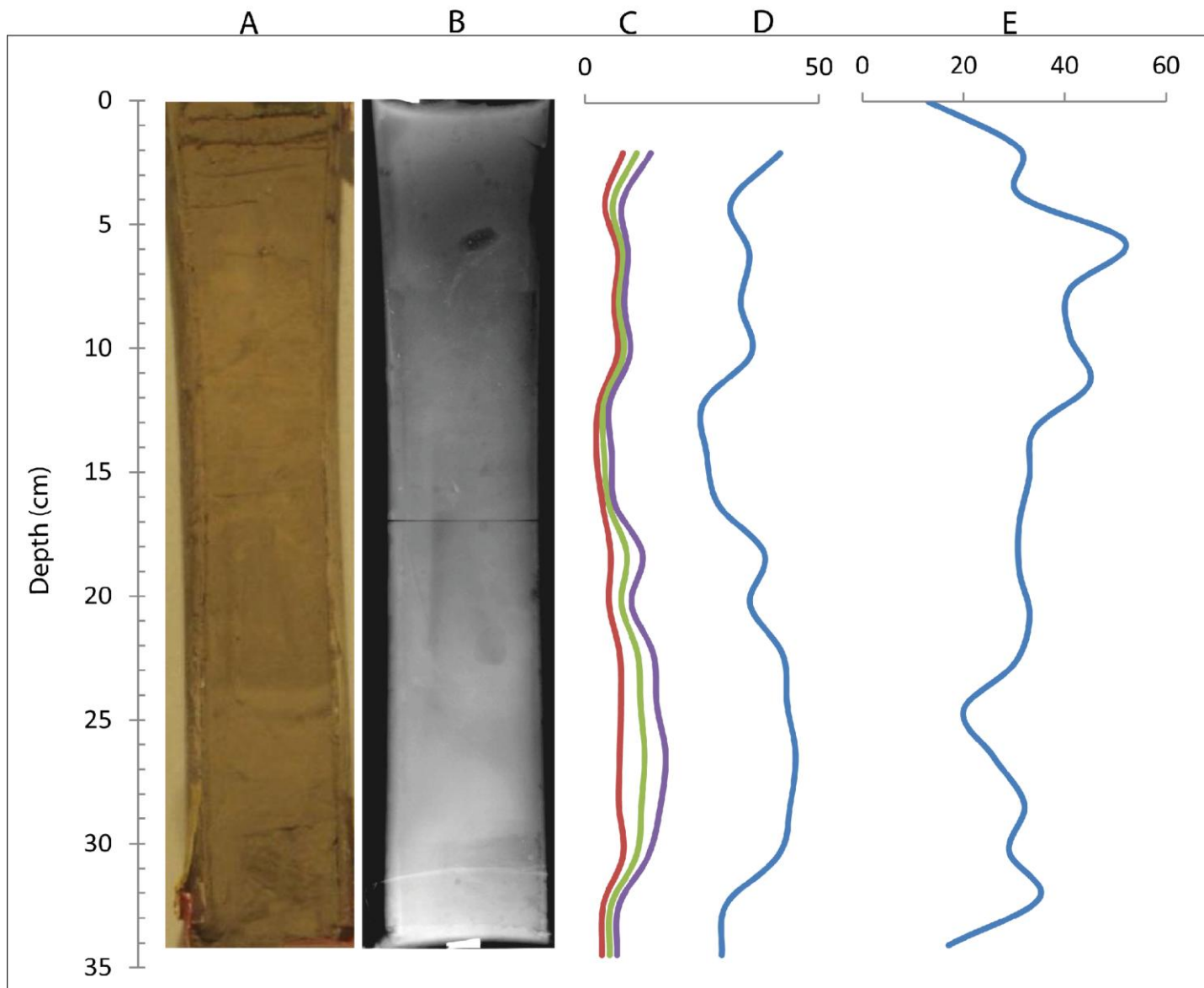


Figure B.2 Graphical representation of data obtained from TAN0706-2 using non-invasive methods (A-E). A) Photograph of core. B) X-ray image of core. C) Spectral reflectance (nm). D) Colourmetric analysis ( $L^*$ ). E) Magnetic susceptibility.

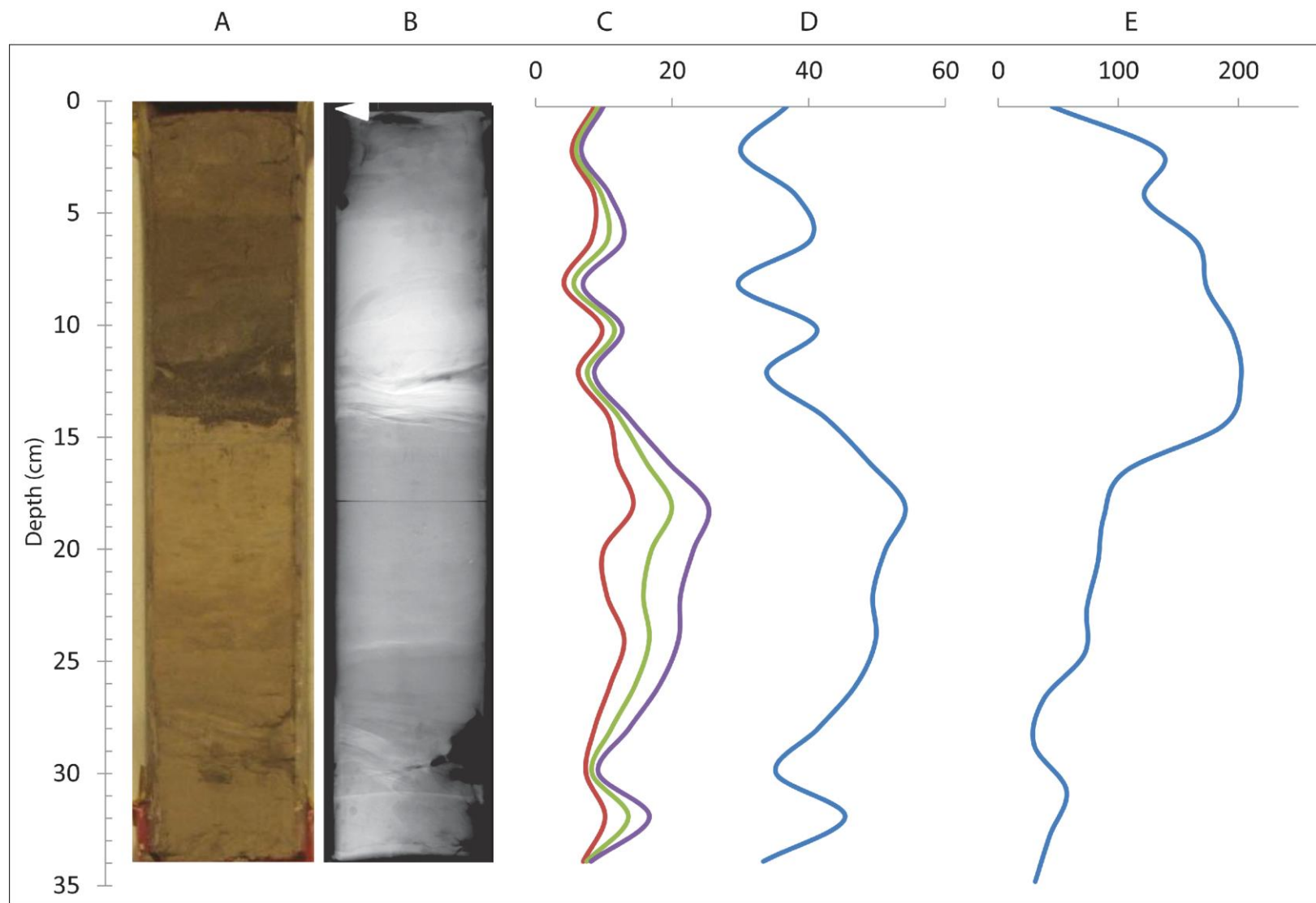


Figure B.3 Graphical representation of data obtained from TAN0706-3 using non-invasive methods (A-E). A) Photograph of core. B) X-ray image of core. C) Spectral reflectance (nm). D) Colourmetric analysis (L\*). E) Magnetic susceptibility.

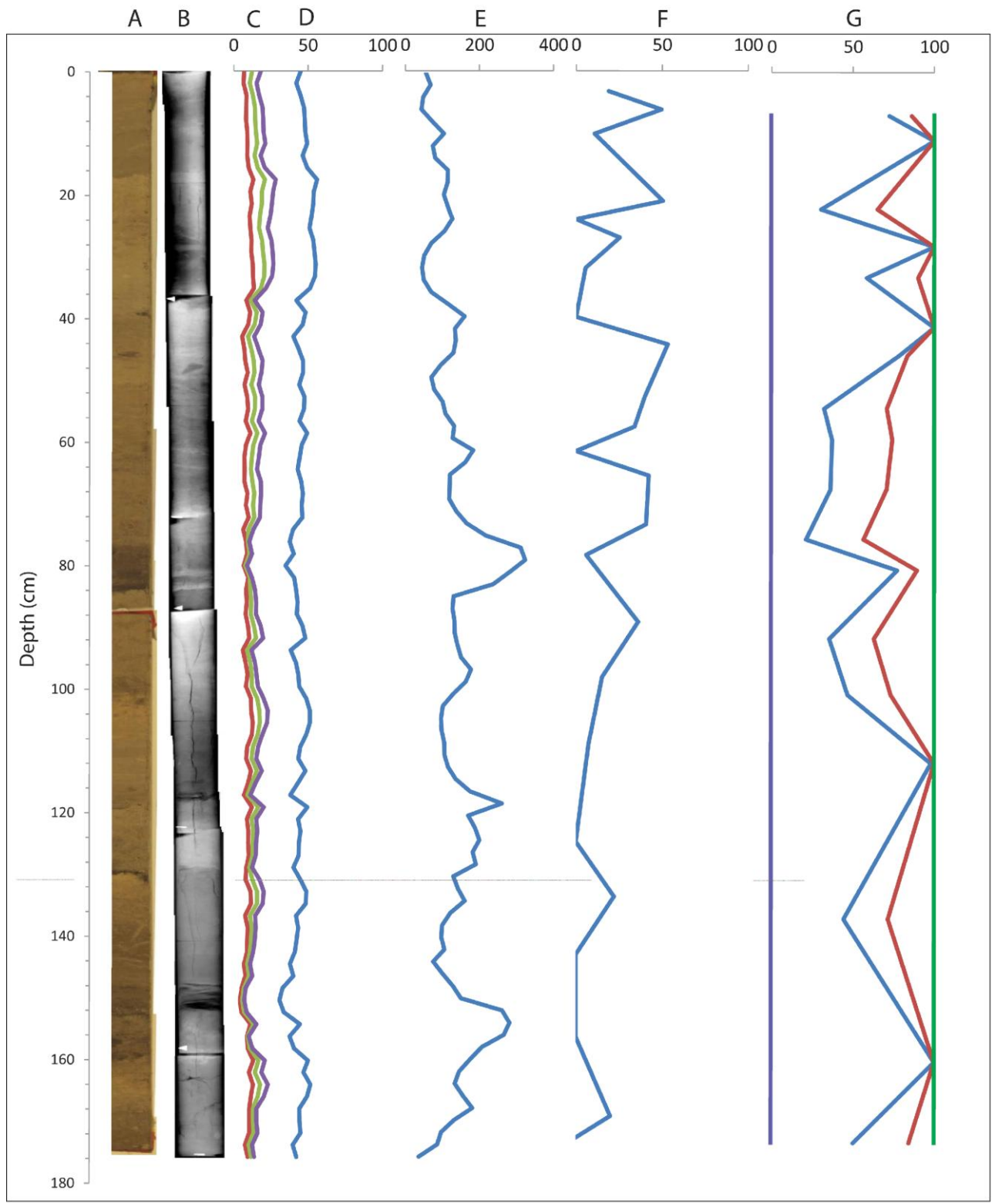


Figure B.4 Graphical representation of data obtained from TAN0706-4 using non-invasive methods (A-E). A) Photograph of core. B) X-ray image of core. C) Spectral reflectance (nm). D) Colourmetric analysis (L\*). E) Magnetic susceptibility. F) CaCO<sub>3</sub> content (% of sample). G) Sieved cumulative grain size analysis (space between purple and blue lines represents <63 μm; space between blue and red lines represents 63 μm - 140 μm; space between red and green lines represents >140 μm)

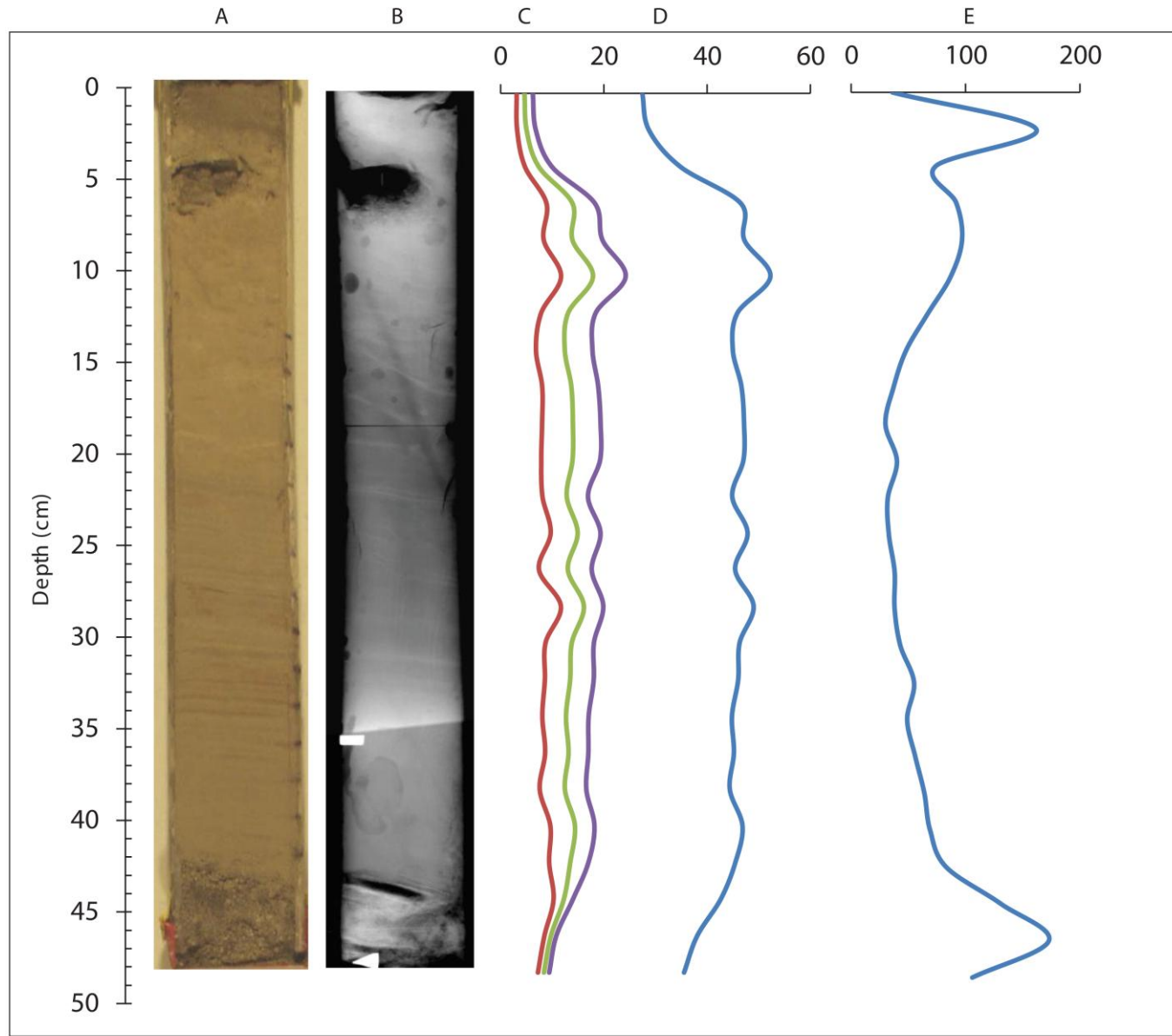


Figure B.5 Graphical representation of data obtained from TAN0706-5 using non-invasive methods (A-E). A) Photograph of core. B) X-ray image of core. C) Spectral reflectance (nm). D) Colourmetric analysis (L\*). E) Magnetic susceptibility.



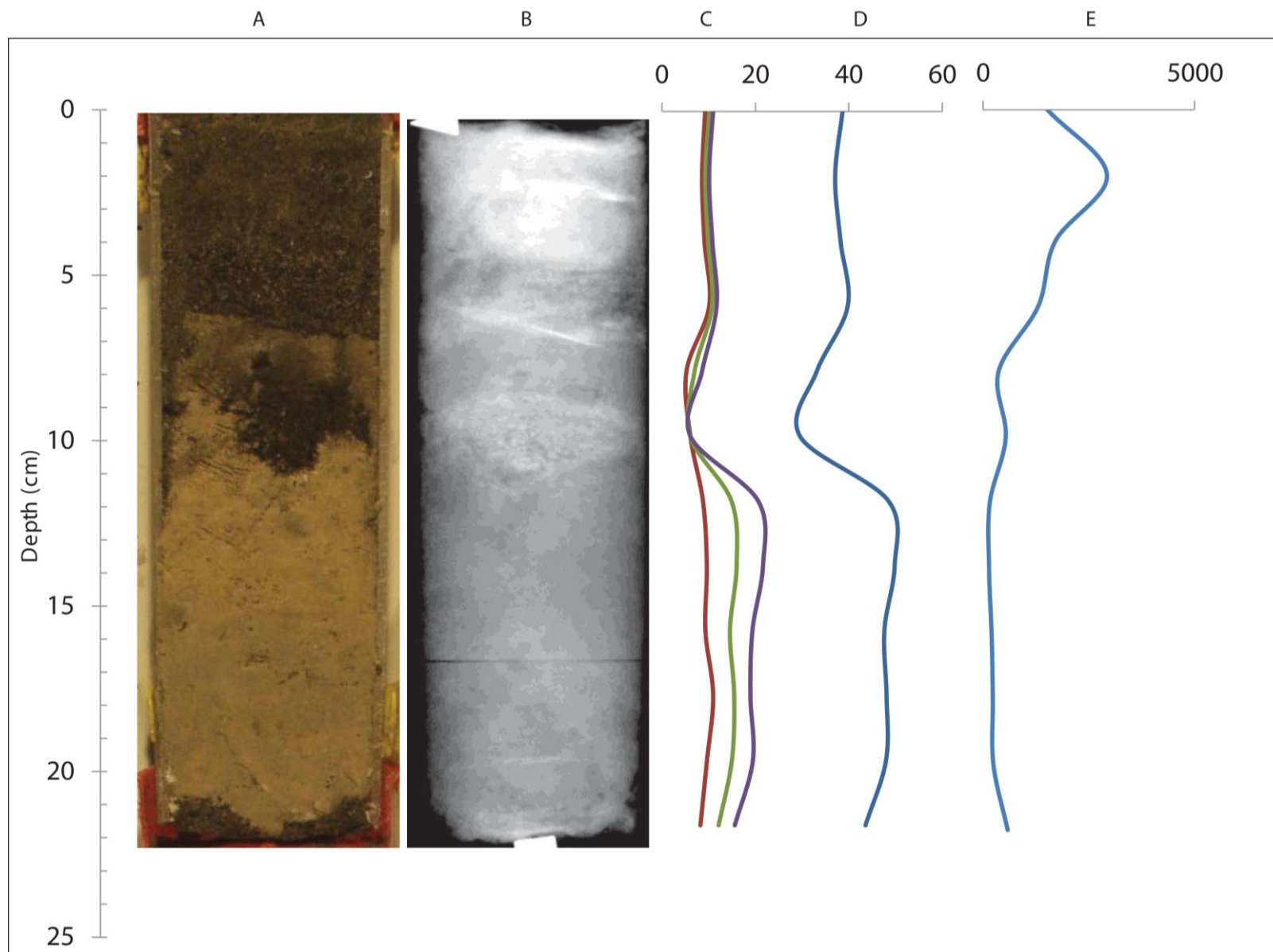


Figure B.6 Graphical representation of data obtained from TAN0706-8 using non-invasive methods (A-E). A) Photograph of core. B) X-ray image of core. C) Spectral reflectance (nm). D) Colourmetric analysis (L\*). E) Magnetic susceptibility.

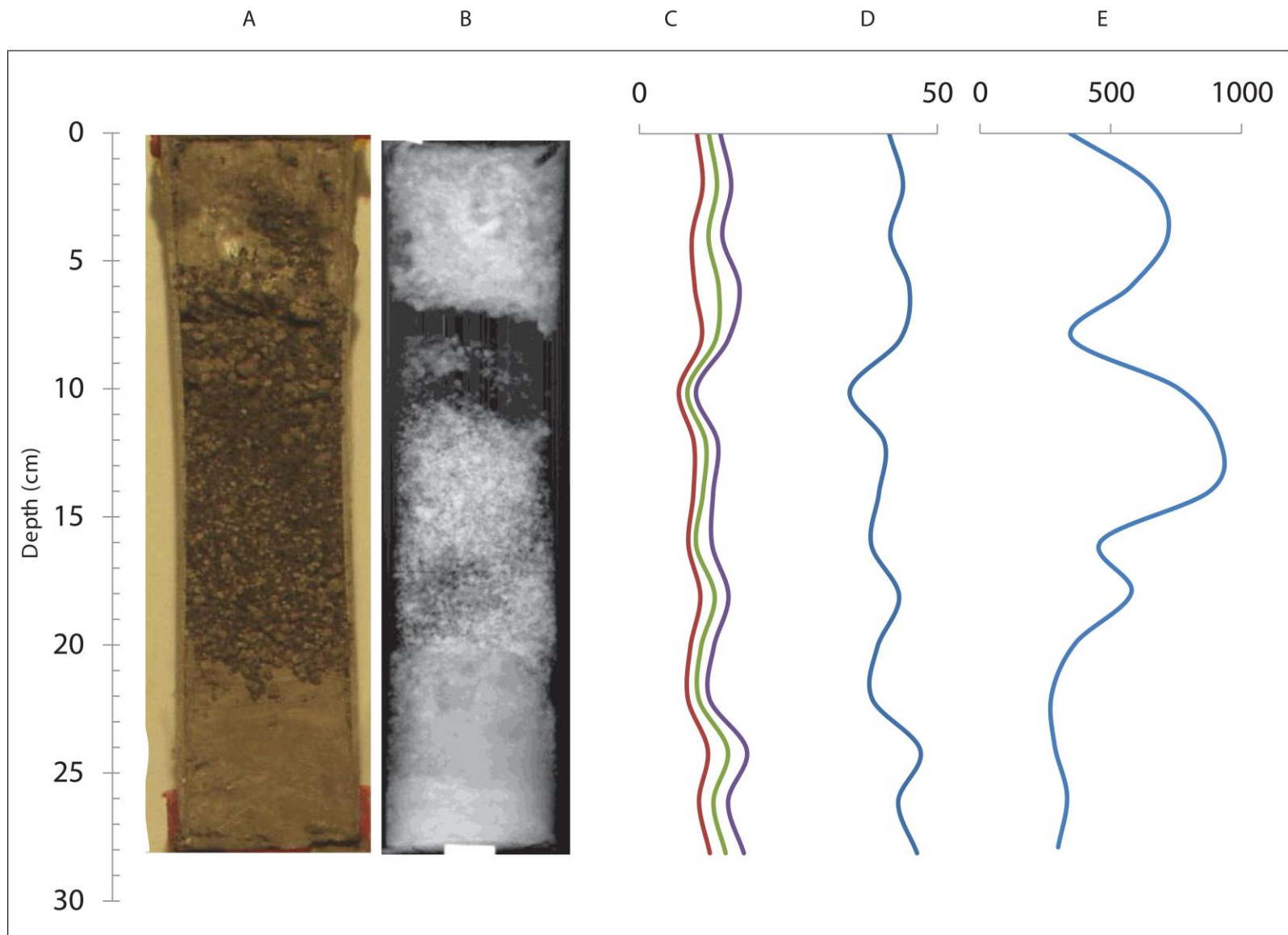


Figure B.7 Graphical representation of data obtained from TAN0706-10 using non-invasive methods (A-E). A) Photograph of core. B) X-ray image of core. C) Spectral reflectance (nm). D) Colourmetric analysis ( $L^*$ ). E) Magnetic susceptibility.



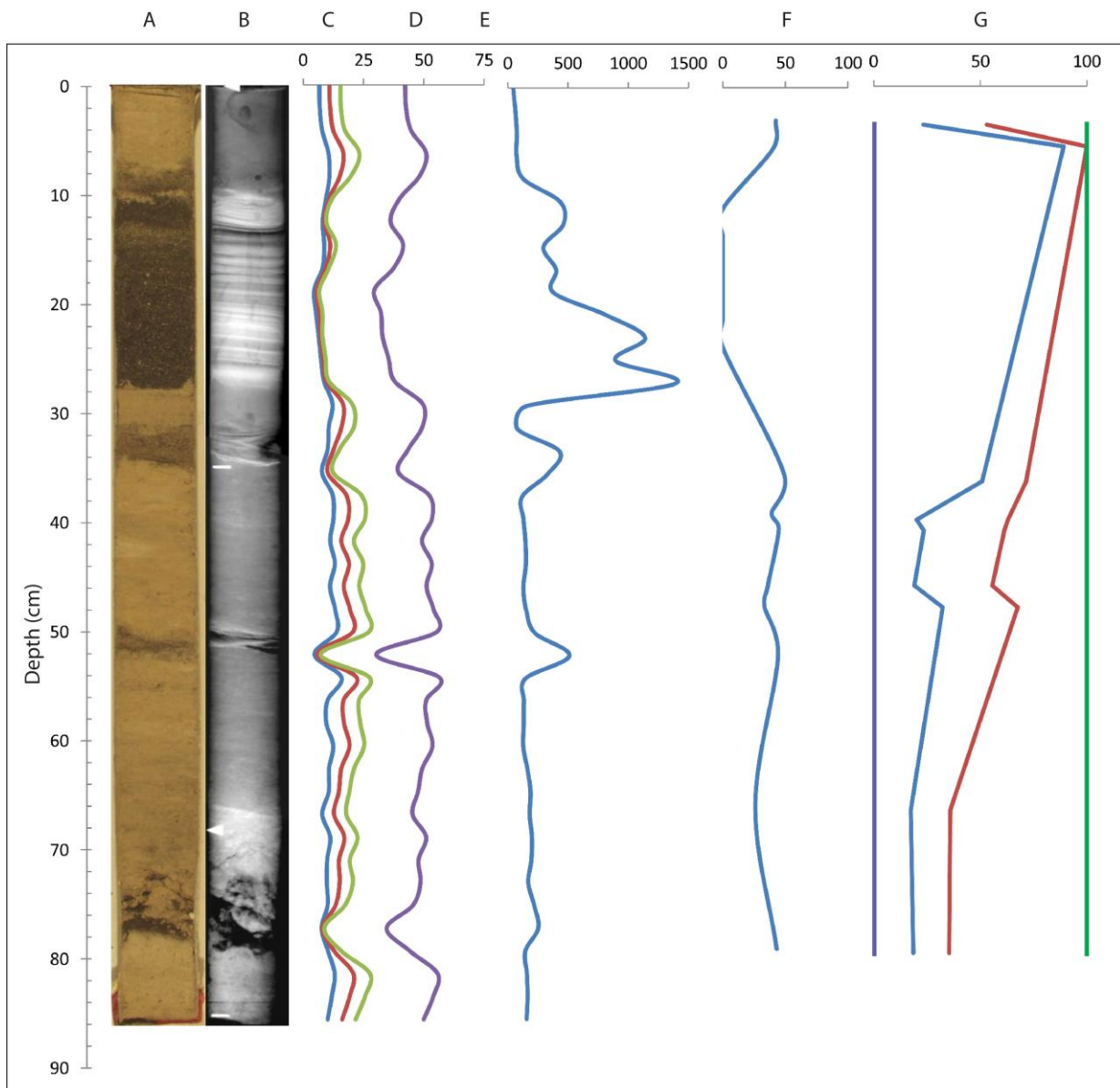


Figure B.8 Graphical representation of data obtained from TAN0706-13 using non-invasive methods (A-G). A) Photograph of core. B) X-ray image of core. C) Spectral reflectance (nm). D) Colourmetric analysis (L\*). E) Magnetic susceptibility. F) CaCO<sub>3</sub> content (% of sample). G) Sieved cumulative grain size analysis (space between purple and blue lines represents <63  $\mu\text{m}$ ; space between blue lines red lines represents 63  $\mu\text{m}$  - 140  $\mu\text{m}$ ; space between red and green lines represents >140  $\mu\text{m}$ )

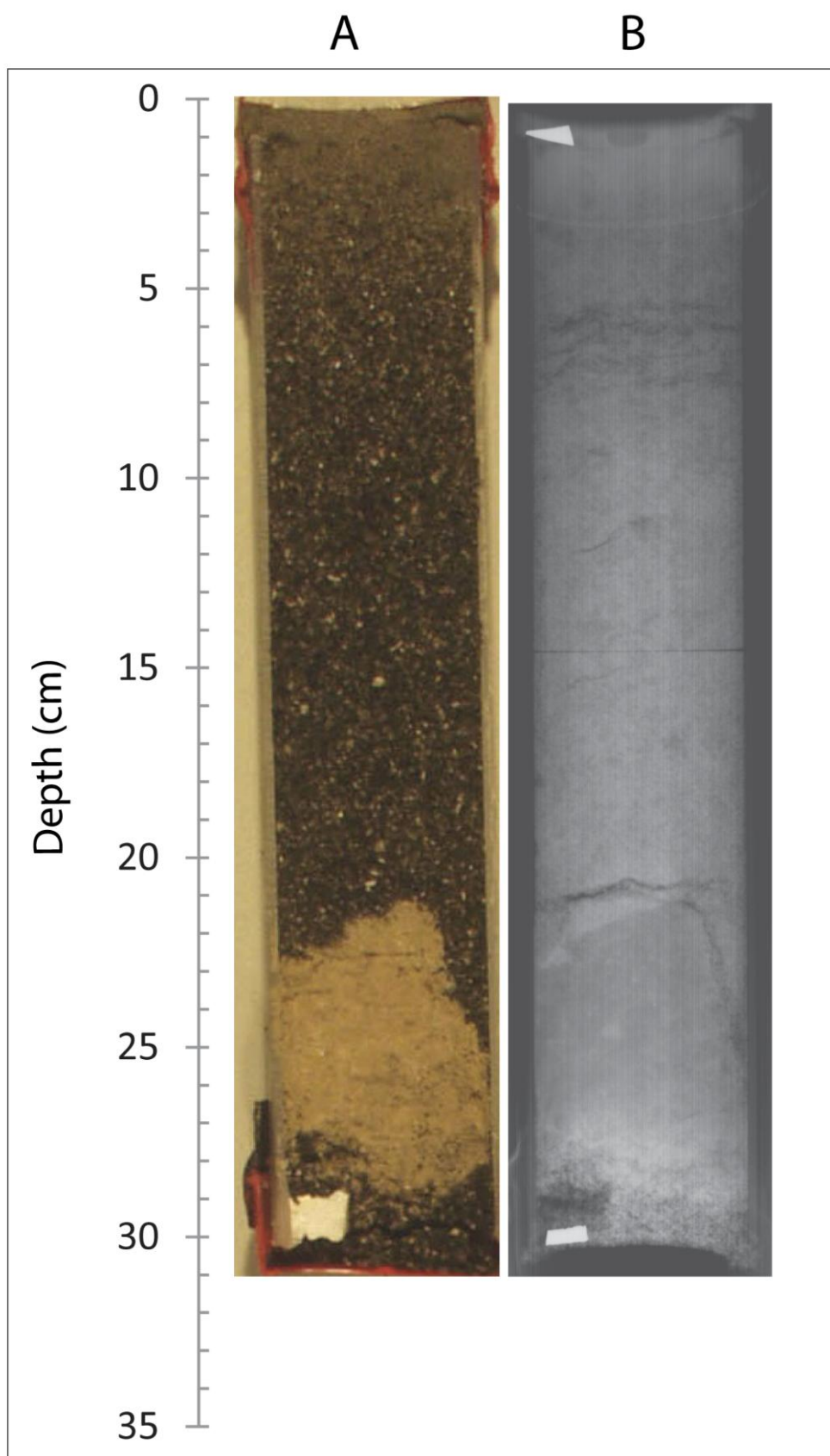


Figure B.9 Graphical representation of data obtained from TAN0706-15 using non-invasive methods (A-B). A) Photograph of core. B) X-ray image of core.

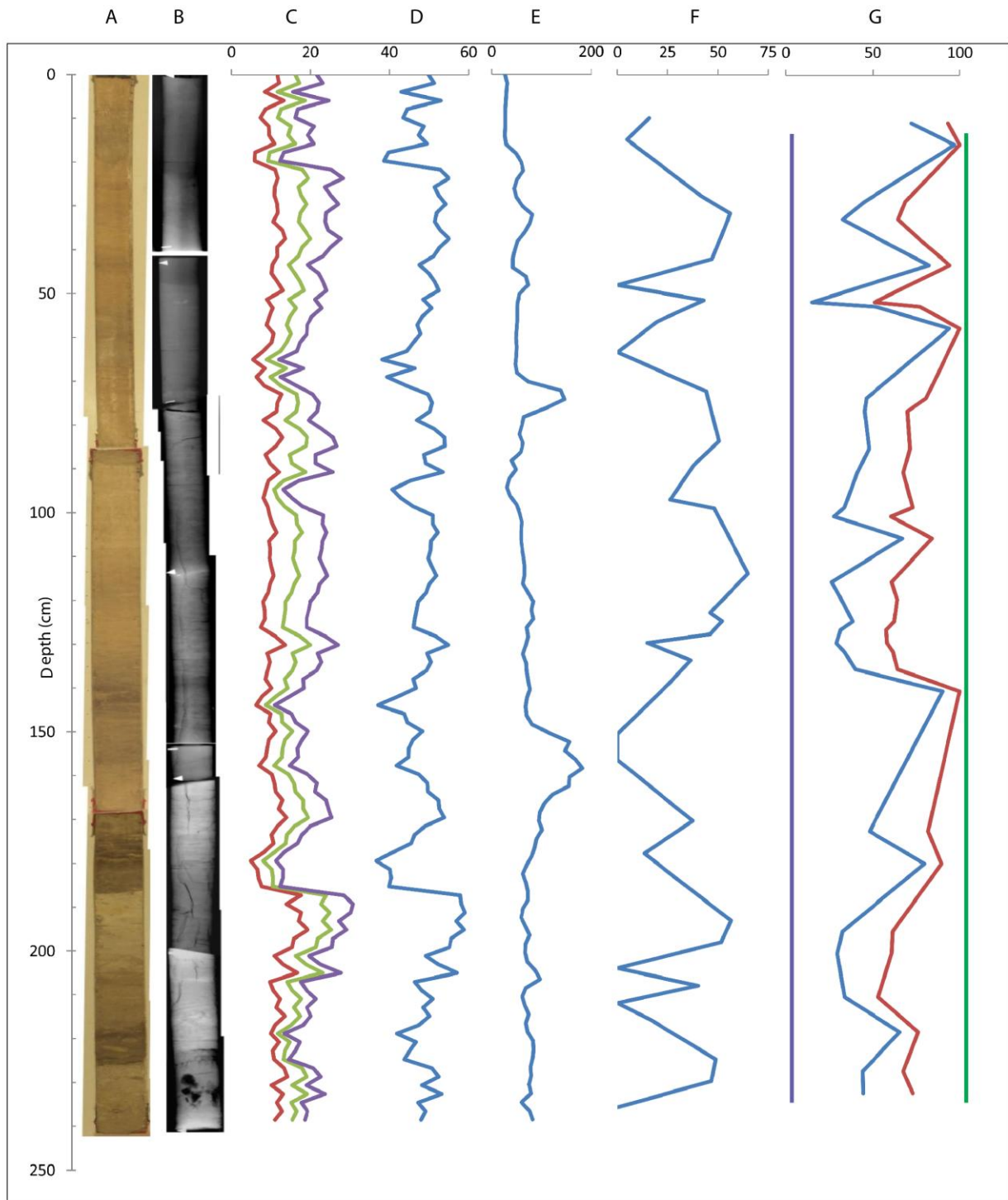


Figure B.10 Graphical representation of data obtained from TAN0706-16 using non-invasive methods (A-E). A) Photograph of core. B) X-ray image of core. C) Spectral reflectance (nm). D) Colourmetric analysis ( $L^*$ ). E) Magnetic susceptibility. F)  $\text{CaCO}_3$  content (% of sample). G) Sieved cumulative grain size analysis (space between purple and blue lines represents  $<63 \mu\text{m}$ ; space between blue and red lines represents  $63 \mu\text{m} - 140 \mu\text{m}$ ; space between red and green lines represents  $>140 \mu\text{m}$ )