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Appendix A: Down-hole spectrometry modelling results

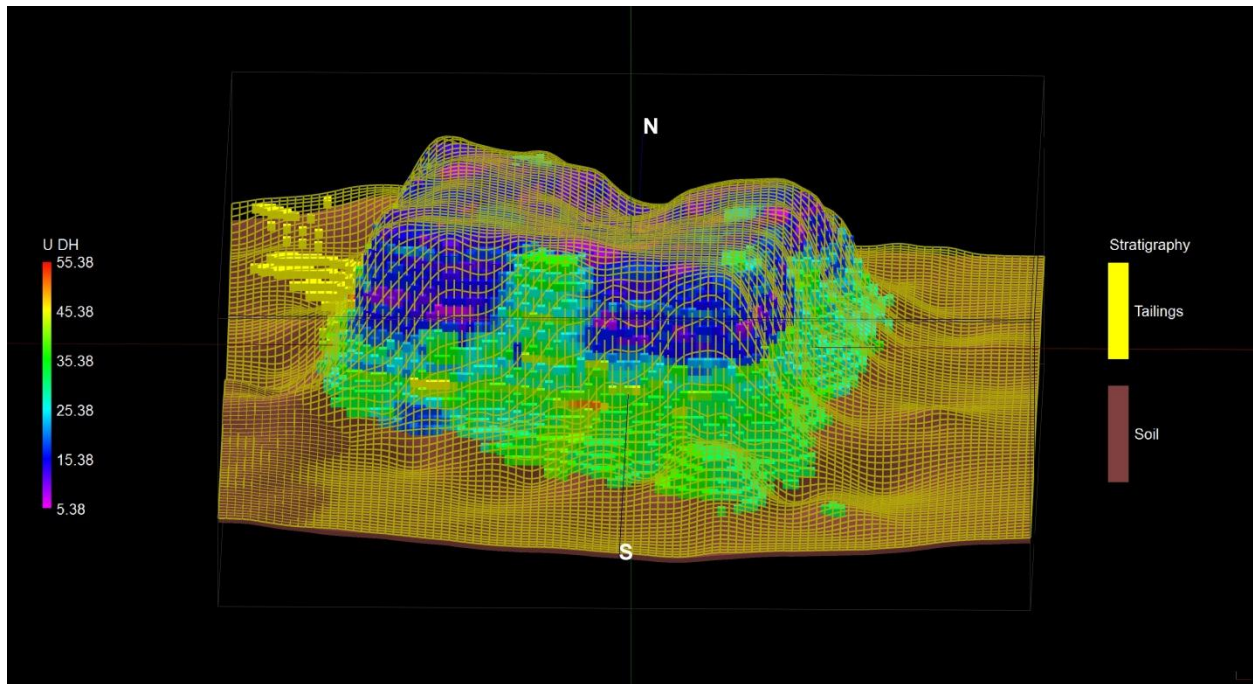


Figure A.1: New Machavie north-south view

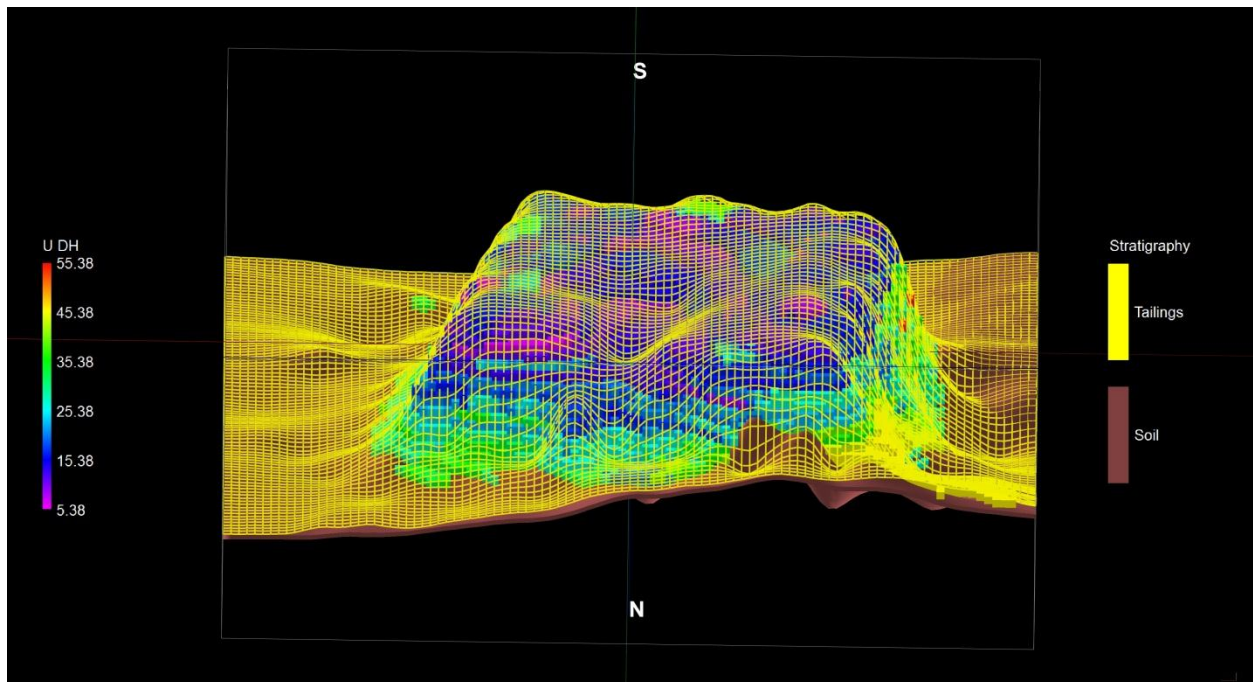


Figure A.2: New Machavie south-north view

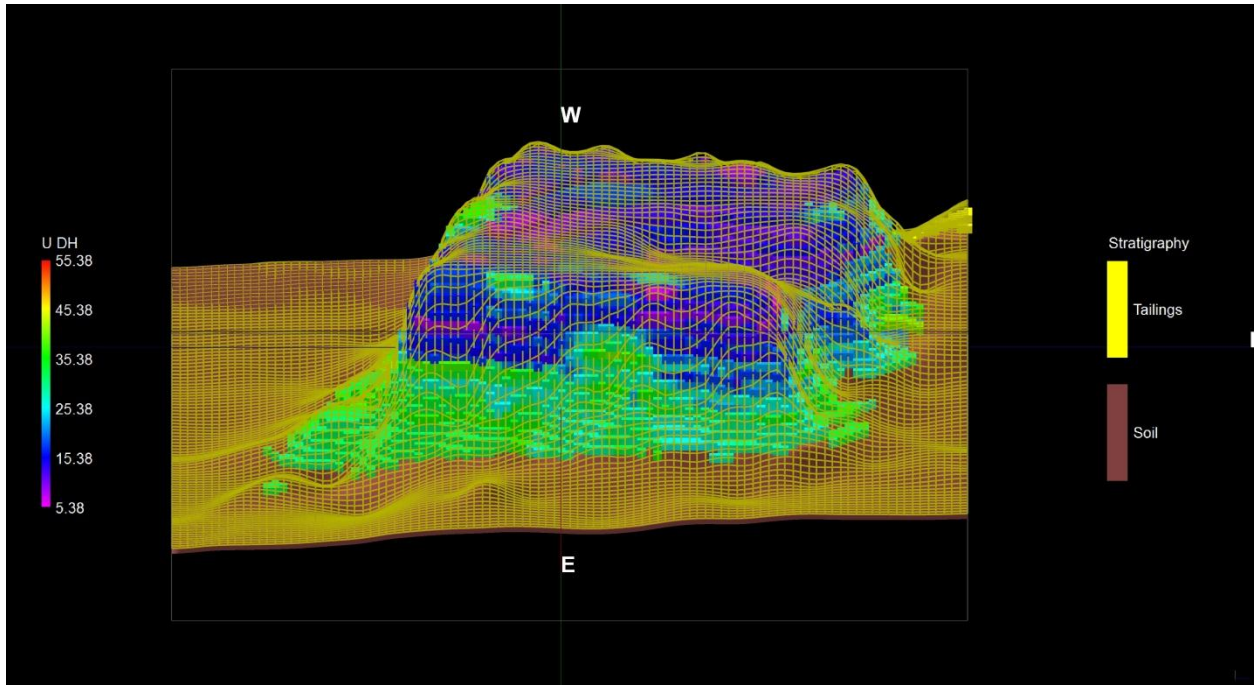


Figure A.3: New Machavie east-west view

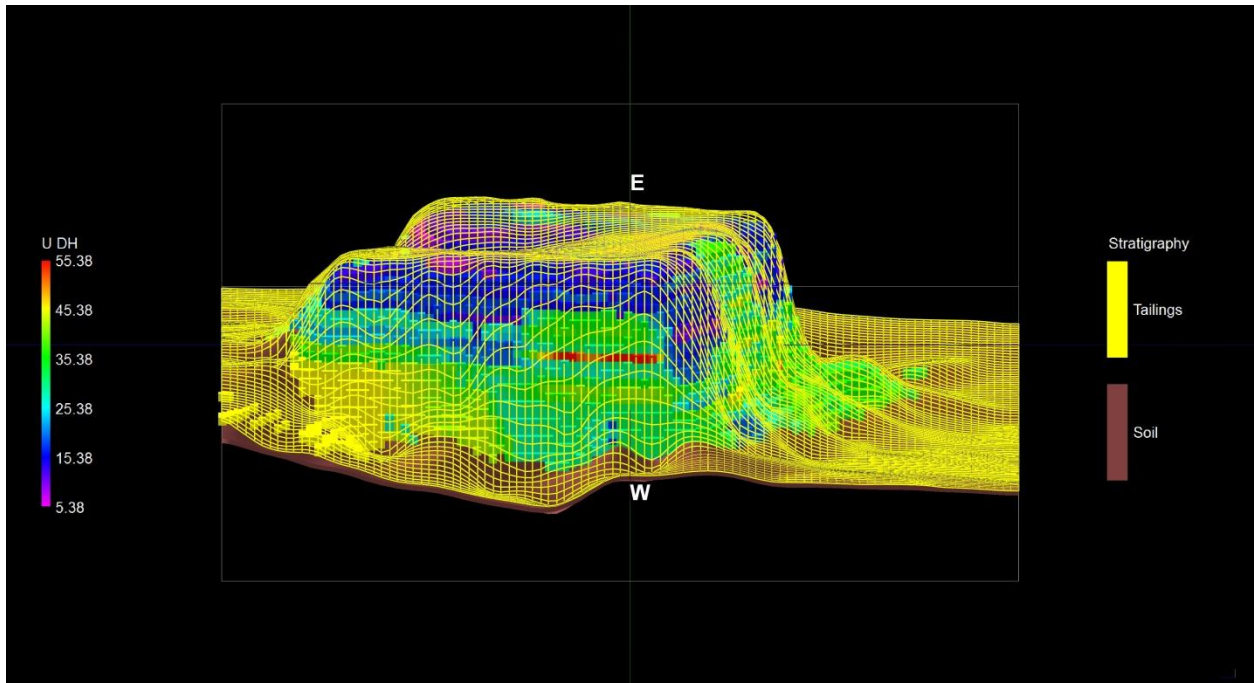


Figure A.4: New Machavie west-east view

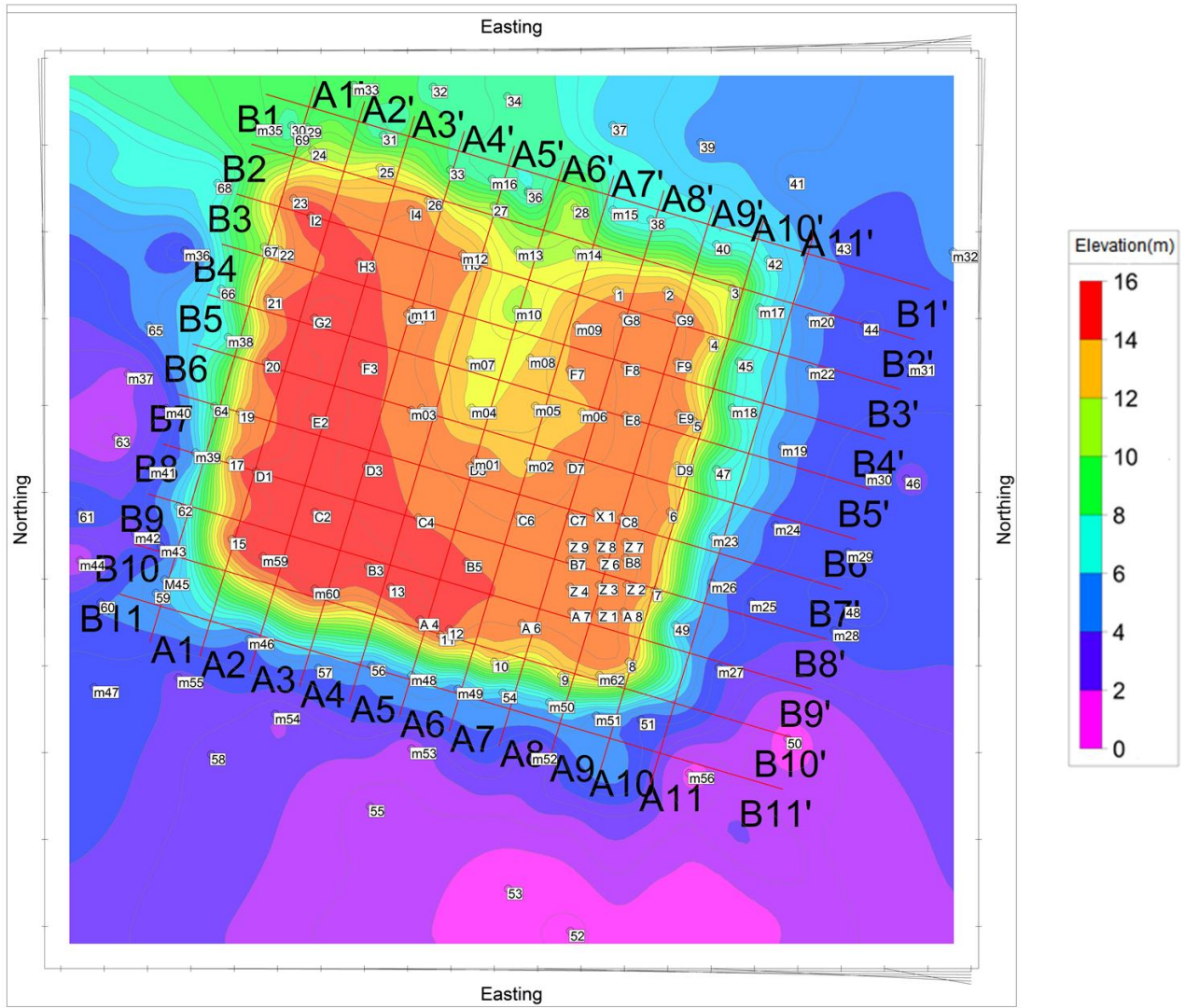


Figure A.5: Profile location and elevation map of New Machavie

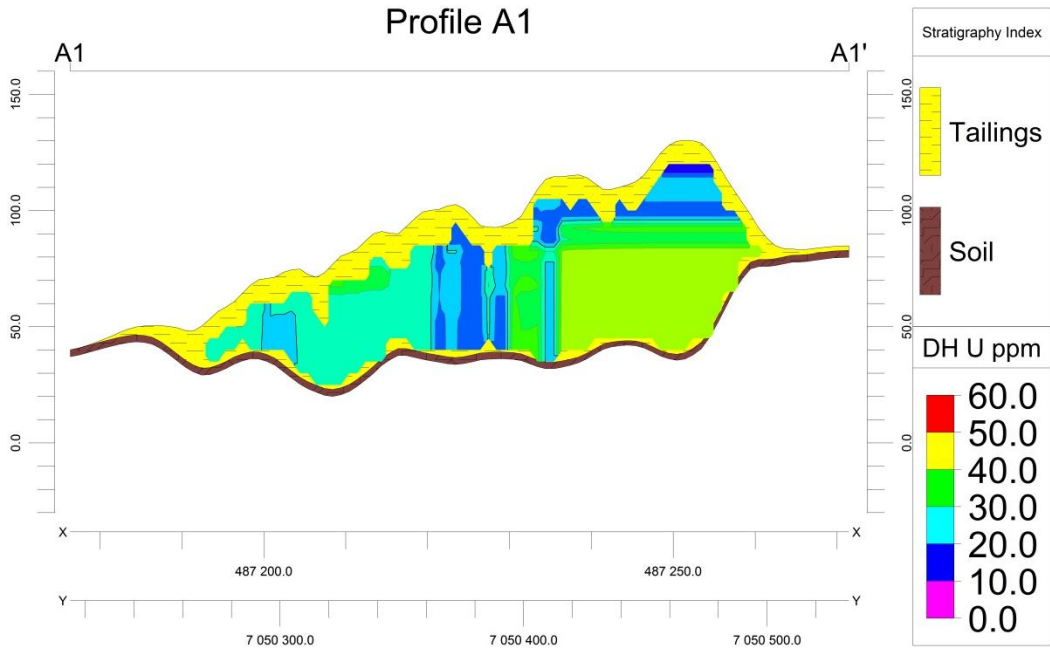


Figure A.6: Profile A1, New Machavie down-hole spectrometry

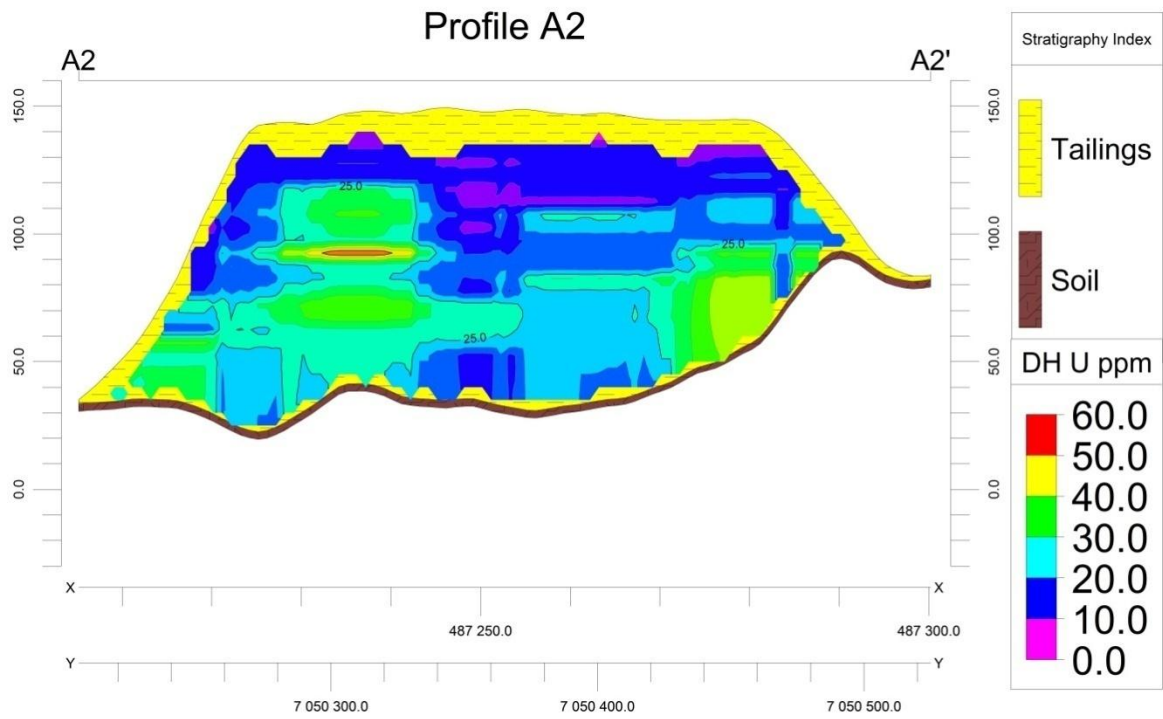


Figure A.7: Profile A2, New Machavie down-hole spectrometry

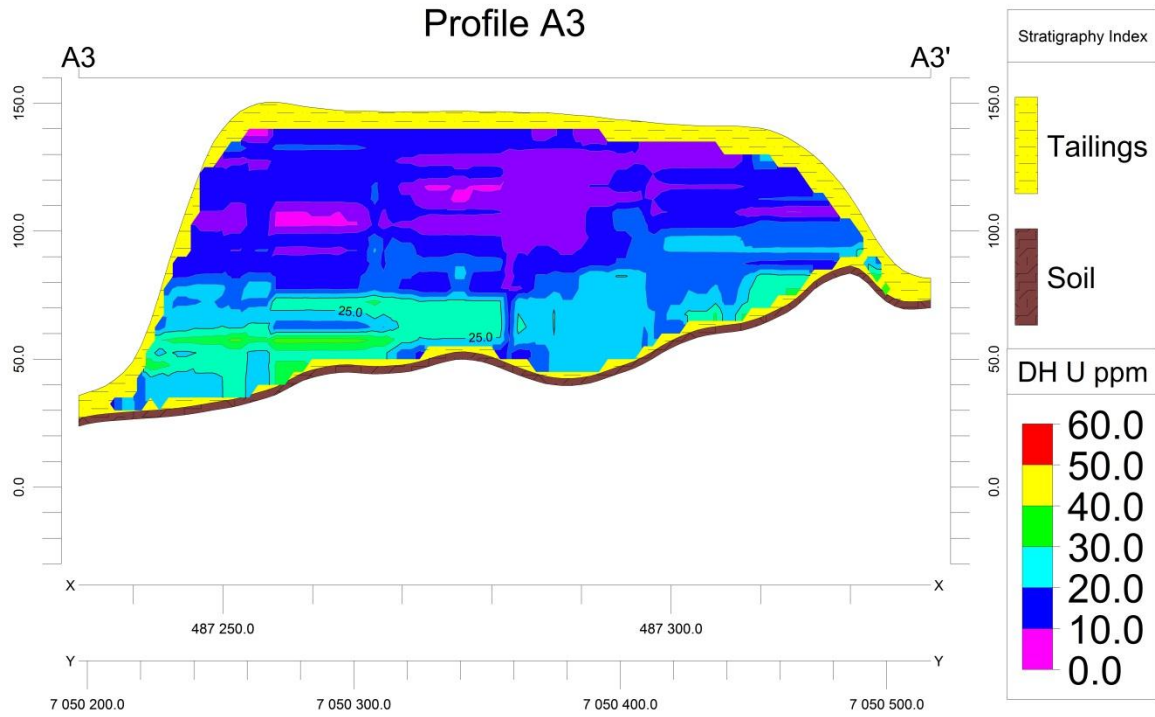


Figure A.8: Profile A3, New Machavie down-hole spectrometry

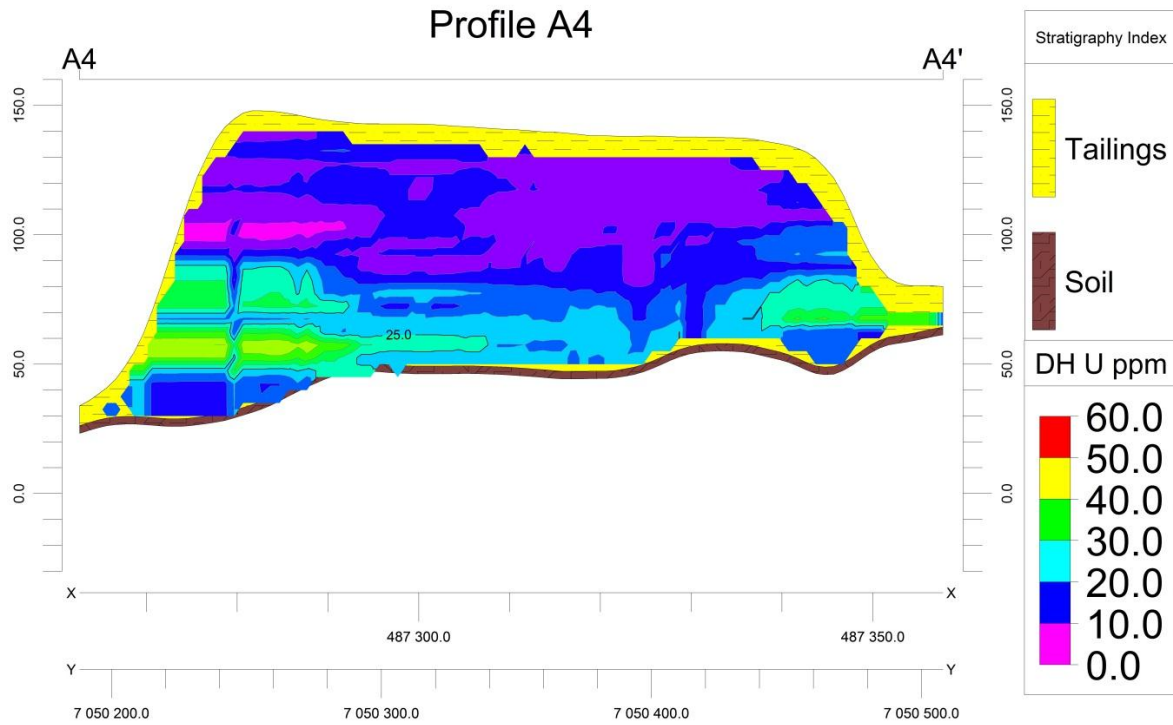


Figure A.9: Profile A4, New Machavie down-hole spectrometry

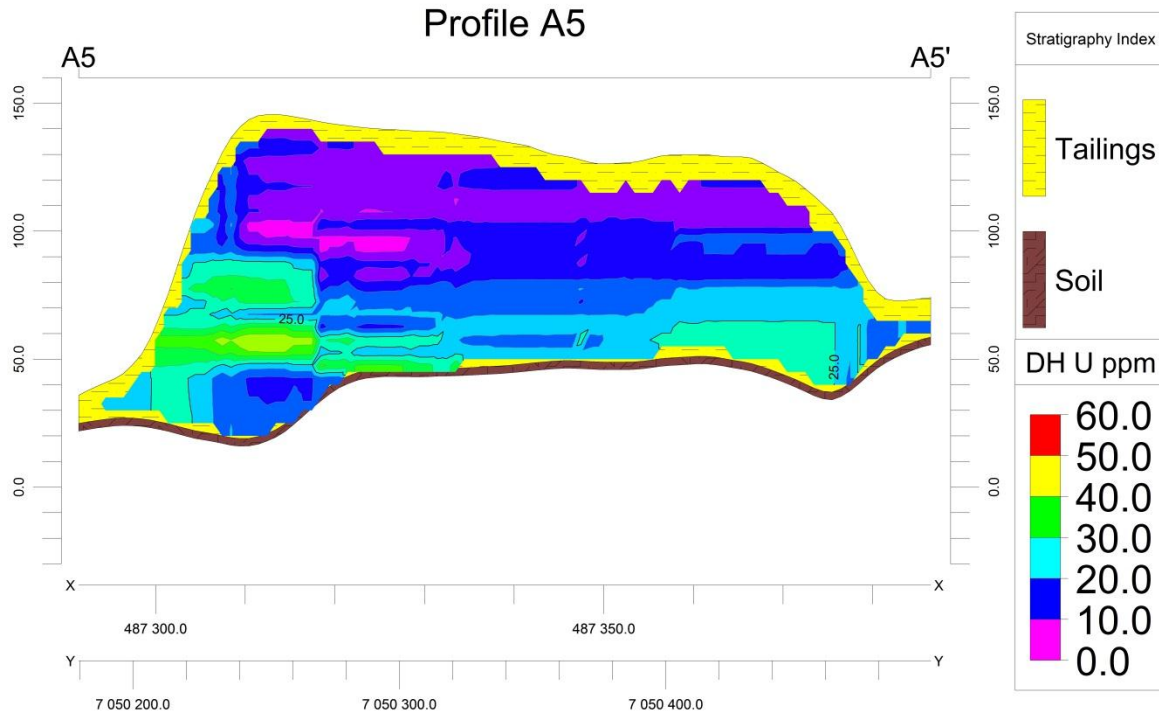


Figure A.10: Profile A5, New Machavie down-hole spectrometry

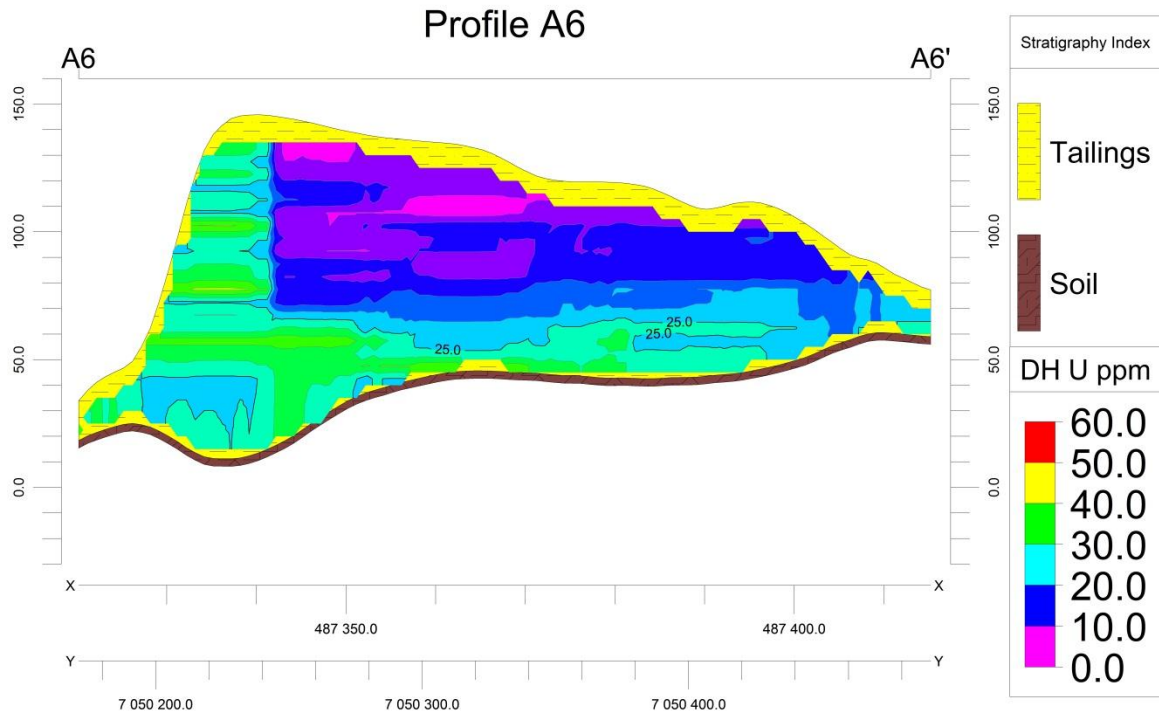


Figure A.11: Profile A6, New Machavie down-hole spectrometry

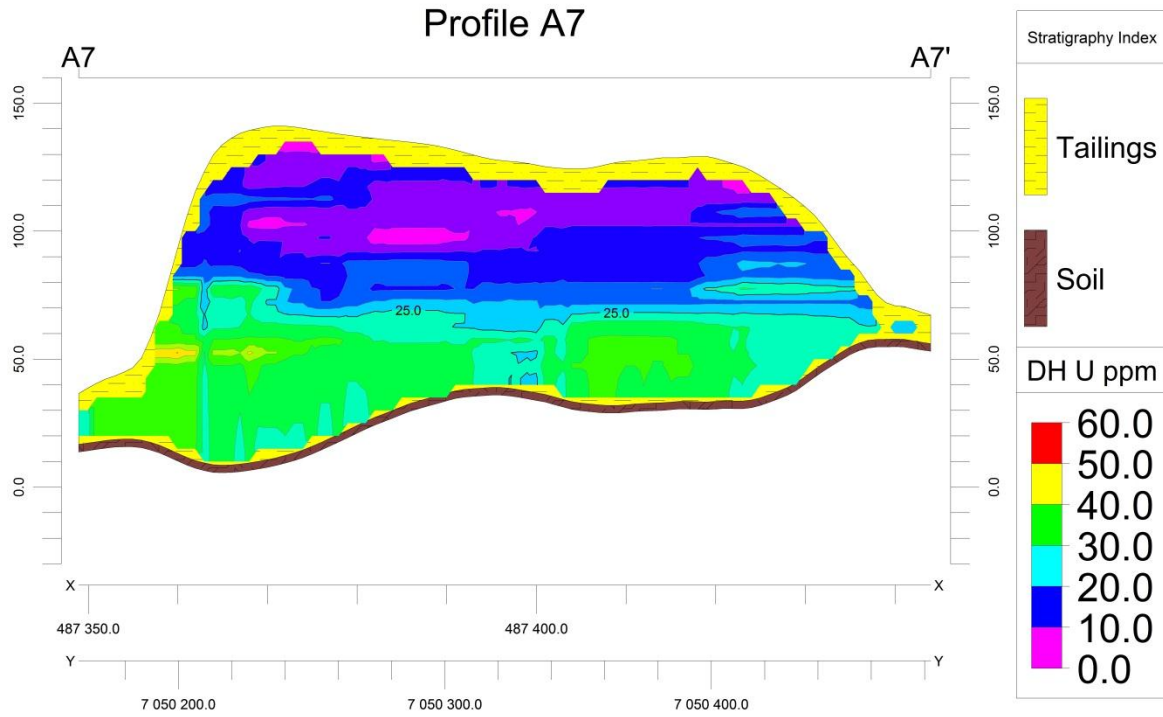


Figure A.12: Profile A7, New Machavie down-hole spectrometry

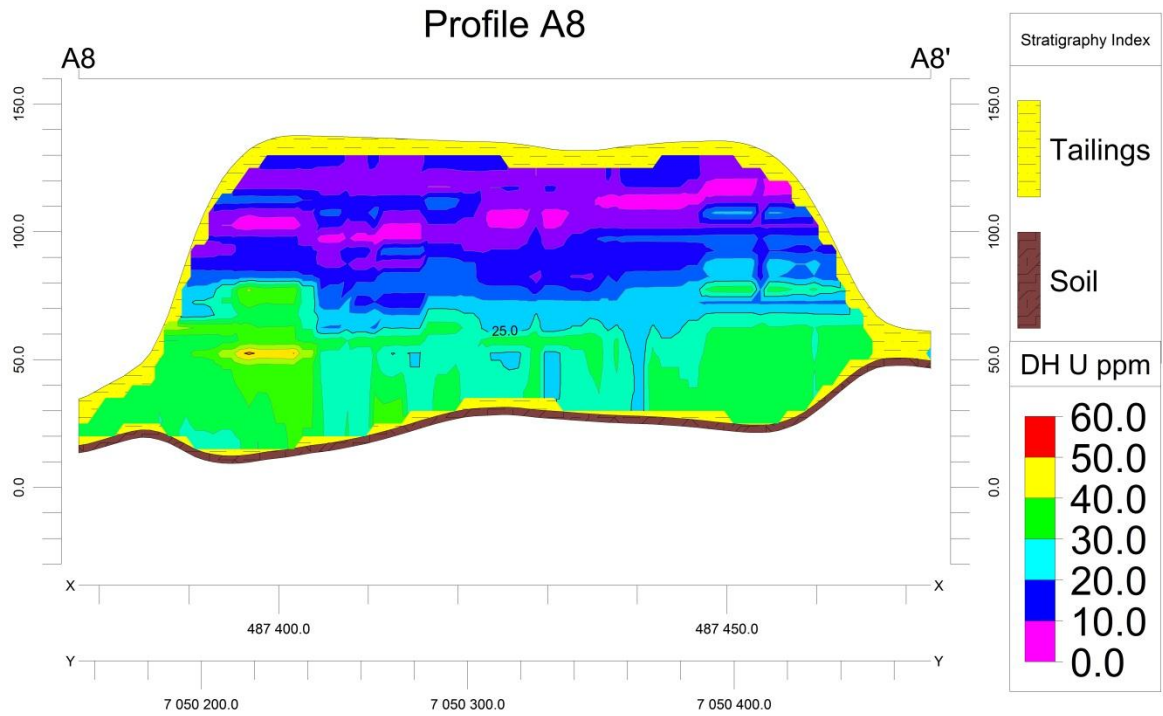


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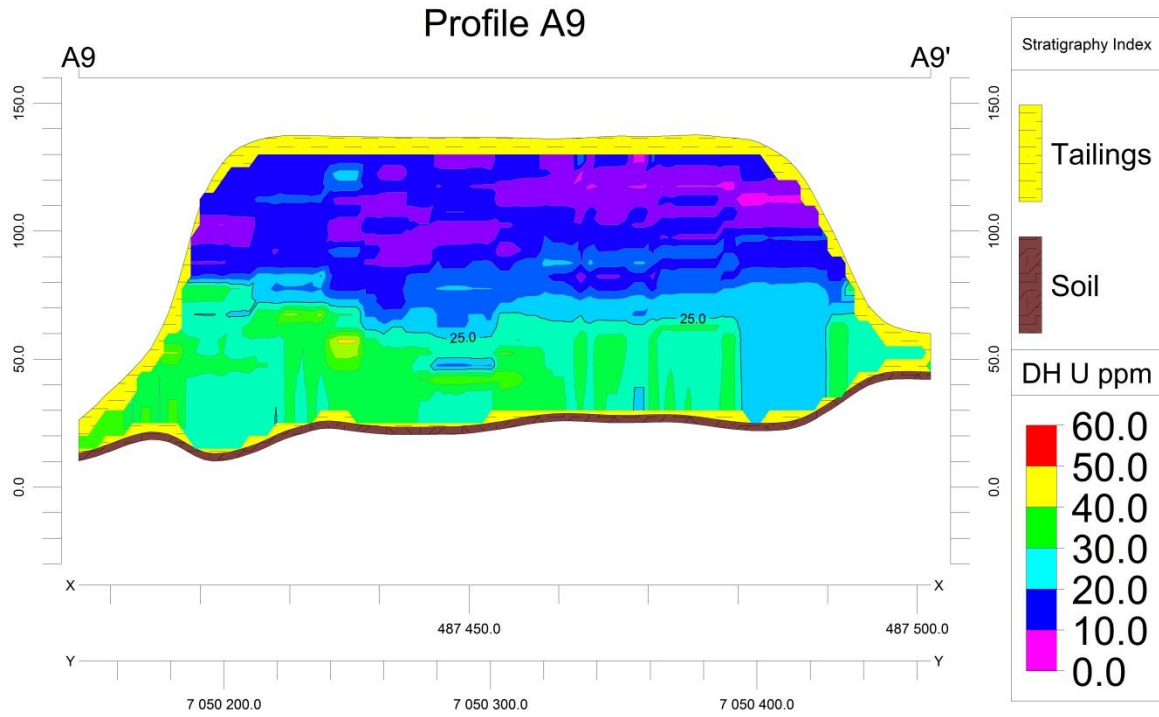


Figure A.14: Profile A9, New Machavie down-hole spectrometry

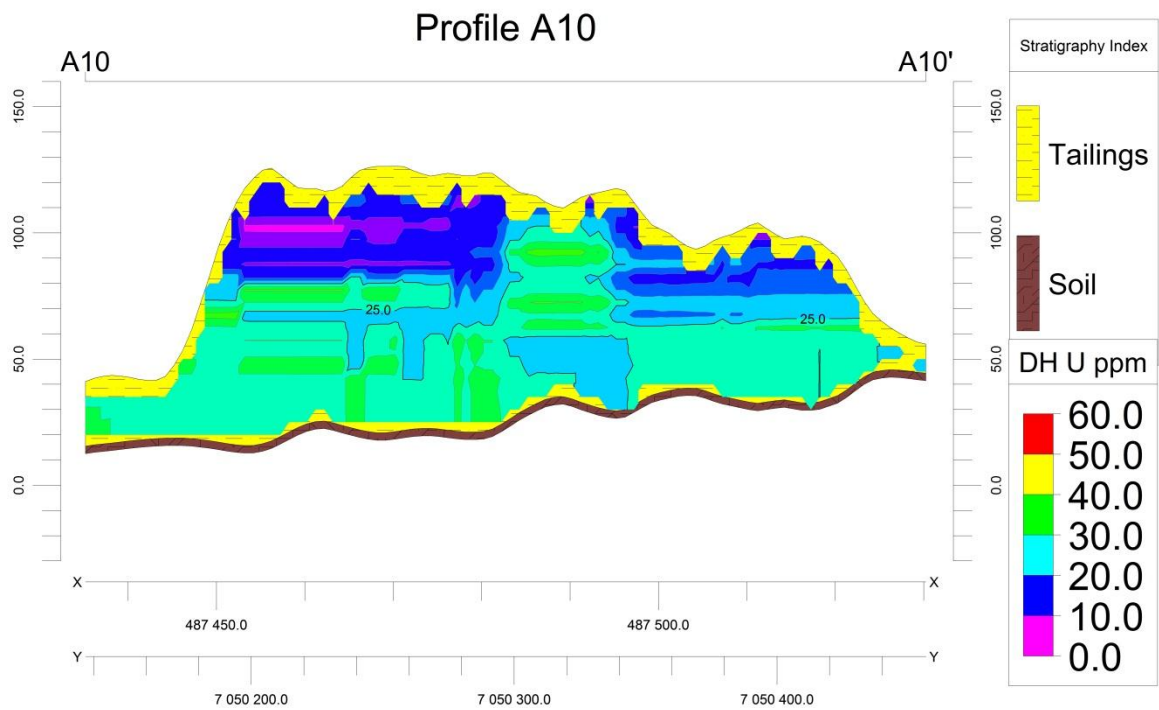


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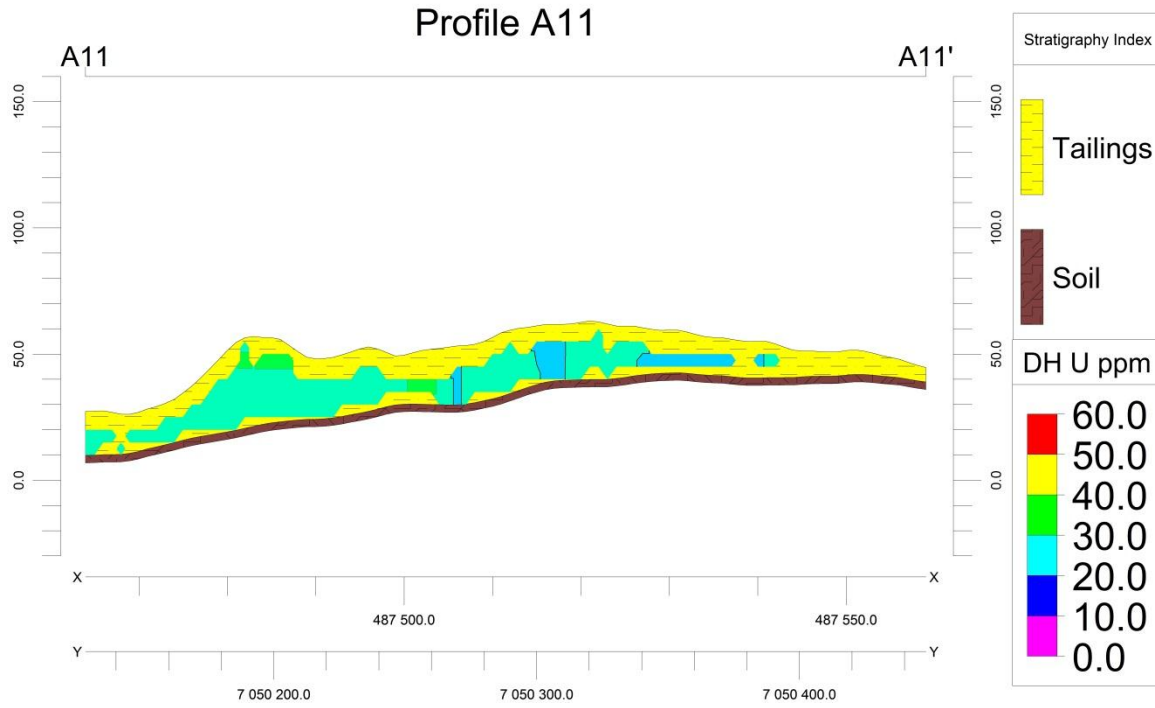


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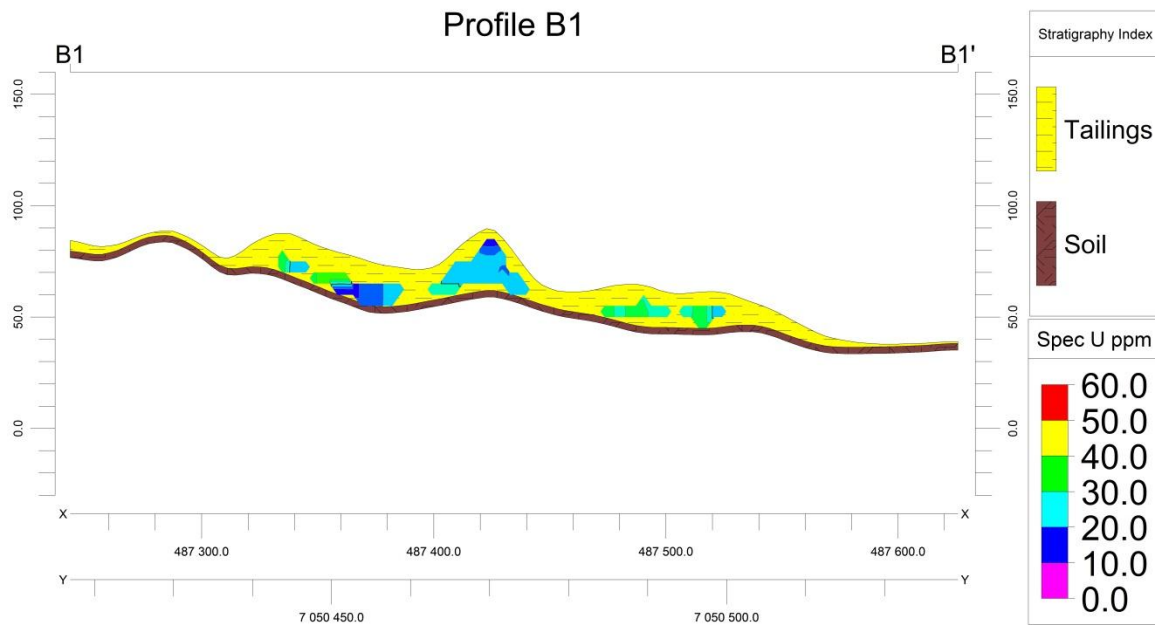


Figure A.17: Profile B1, New Machavie down-hole spectrometry

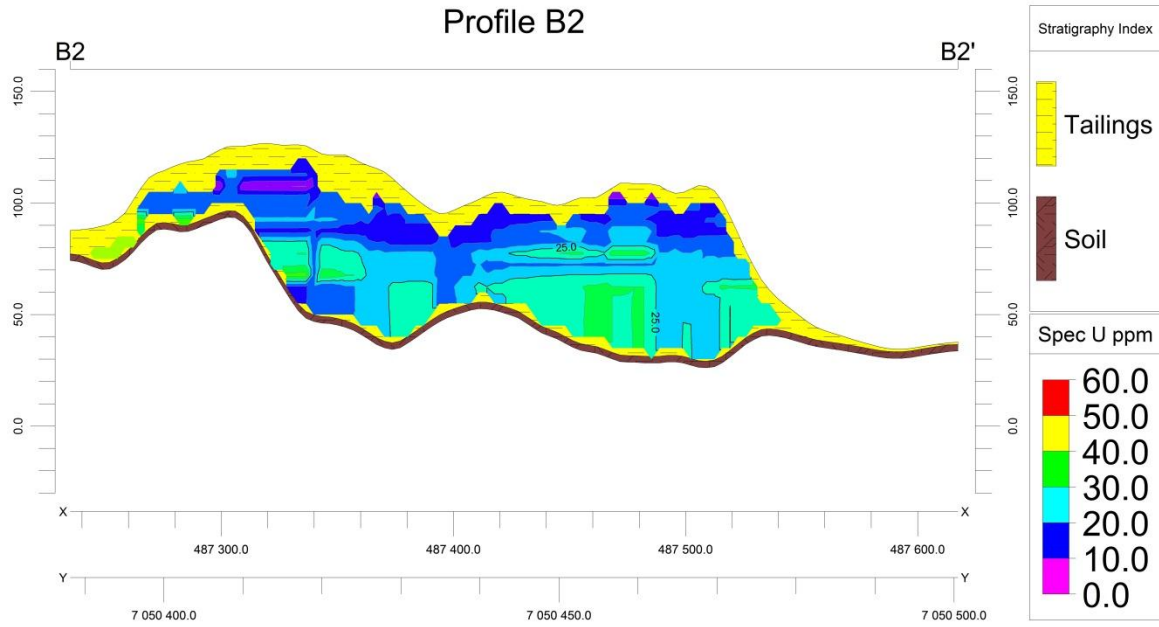


Figure A.18: Profile B2, New Machavie down-hole spectrometry

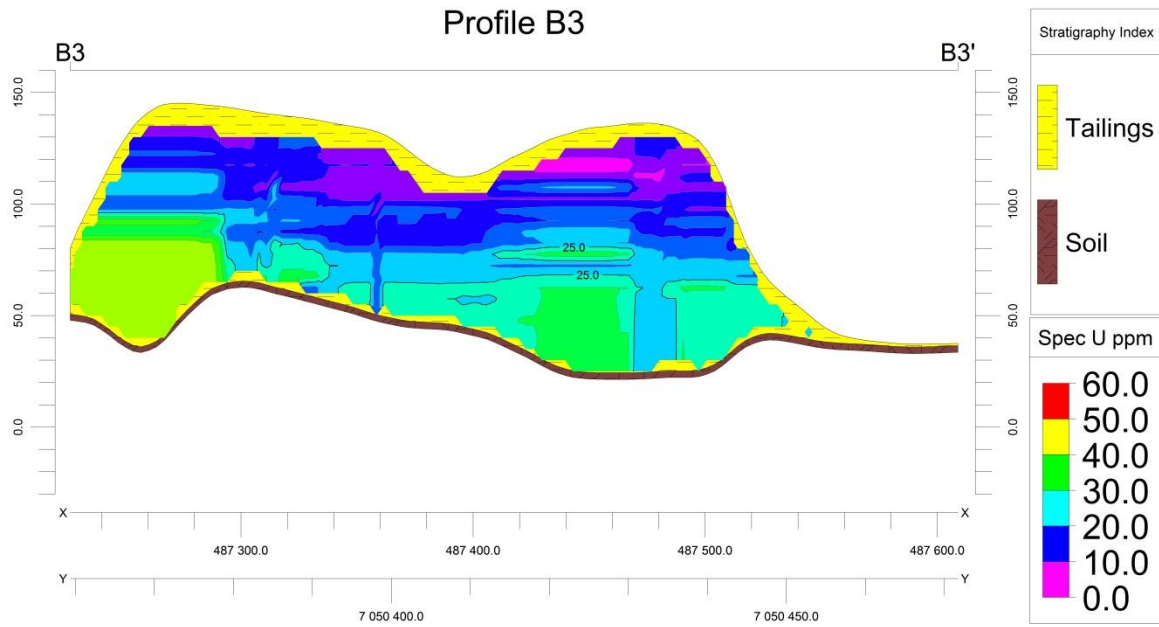


Figure A.19: Profile 23, New Machavie down-hole spectrometry

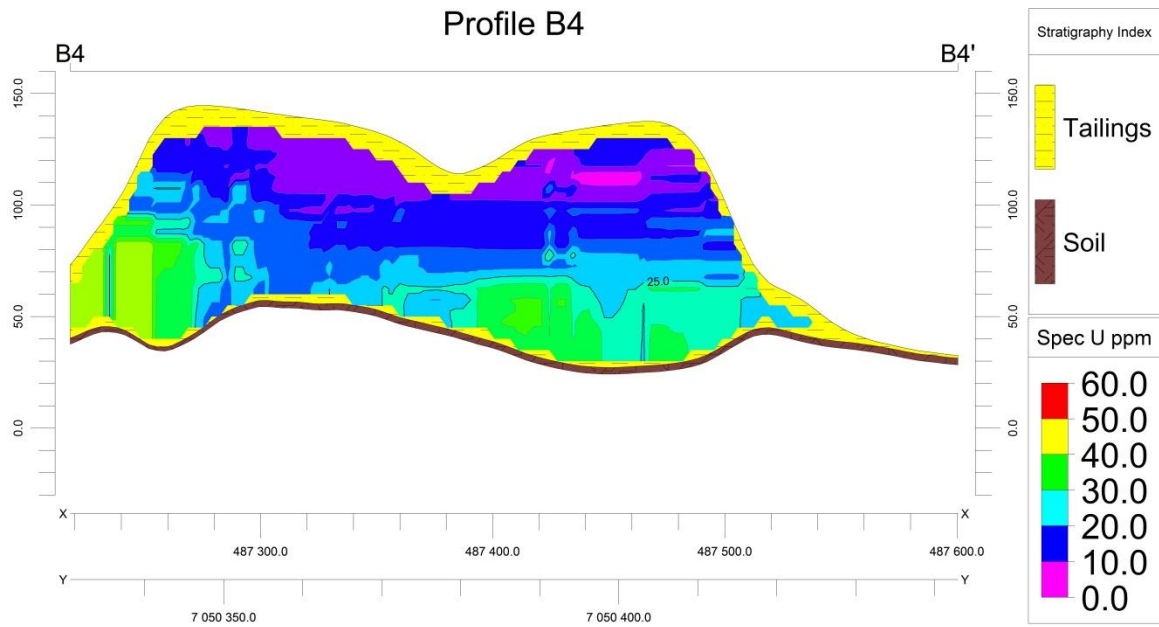


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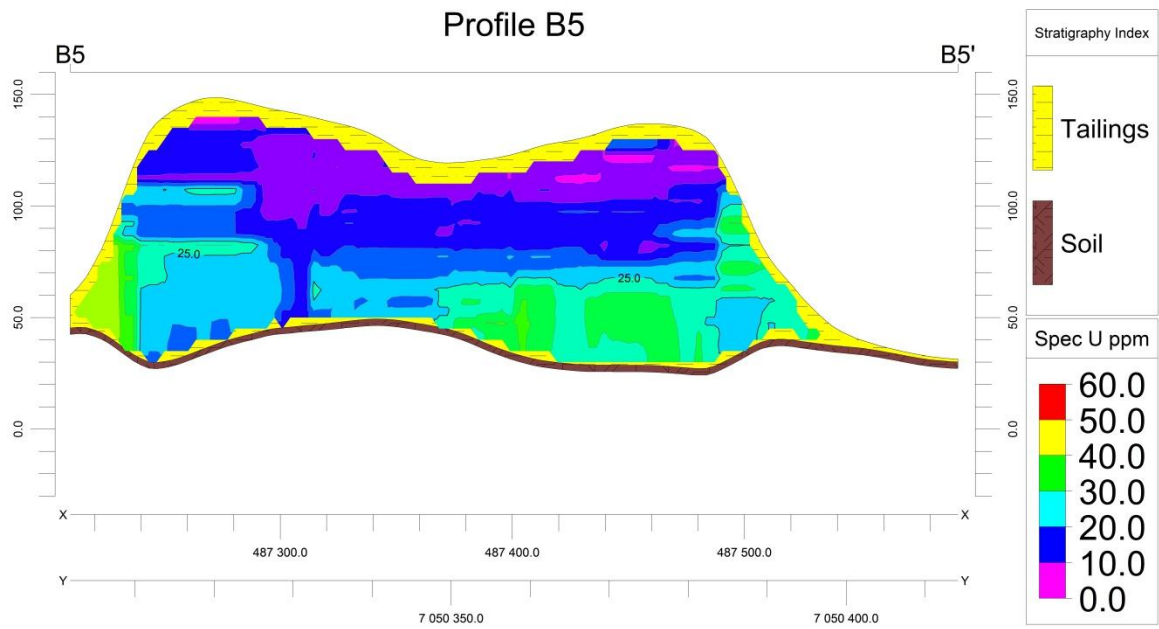


Figure A.21: Profile B5, New Machavie down-hole spectrometry

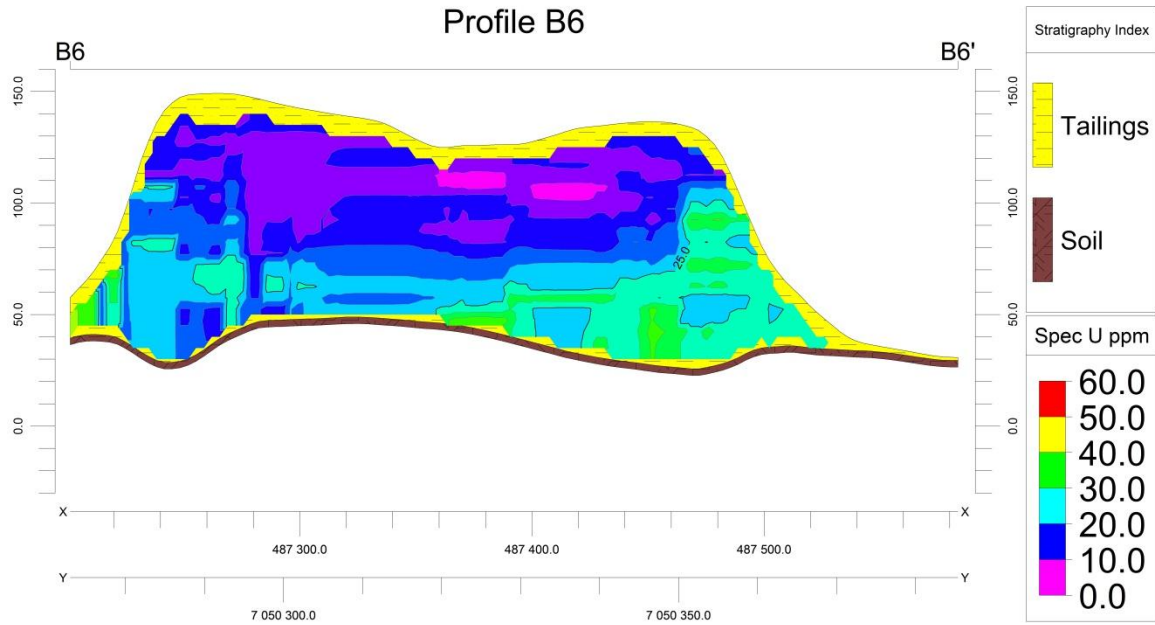


Figure A.22: Profile B6, New Machavie down-hole spectrometry

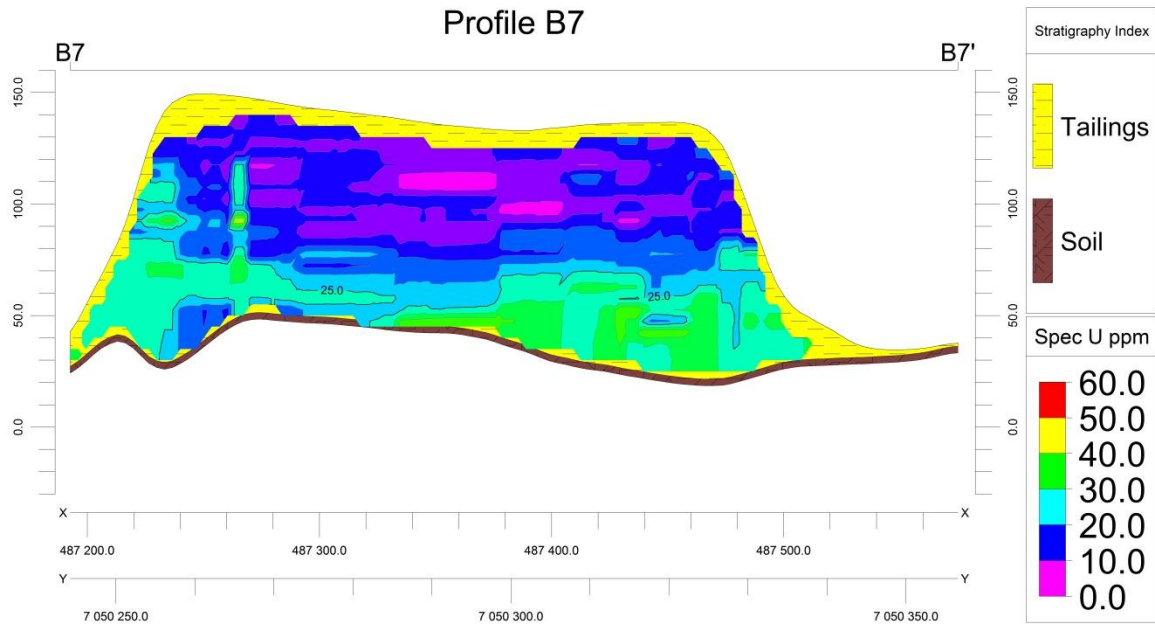


Figure A.23: Profile B7, New Machavie down-hole spectrometry

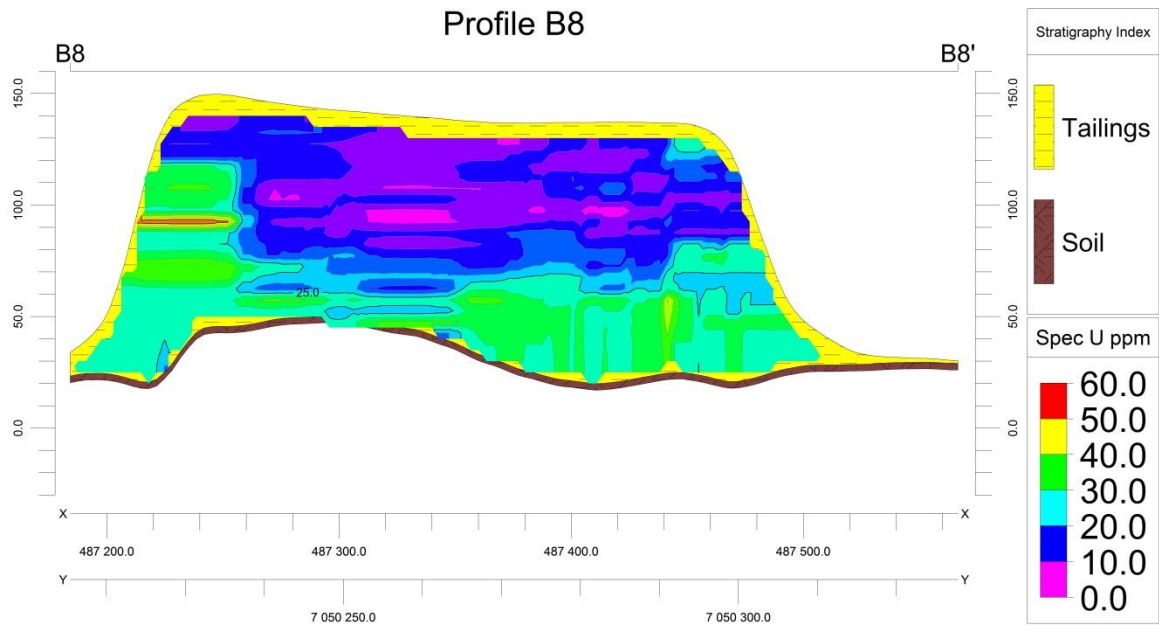


Figure A.24: Profile B8, New Machavie down-hole spectrometry

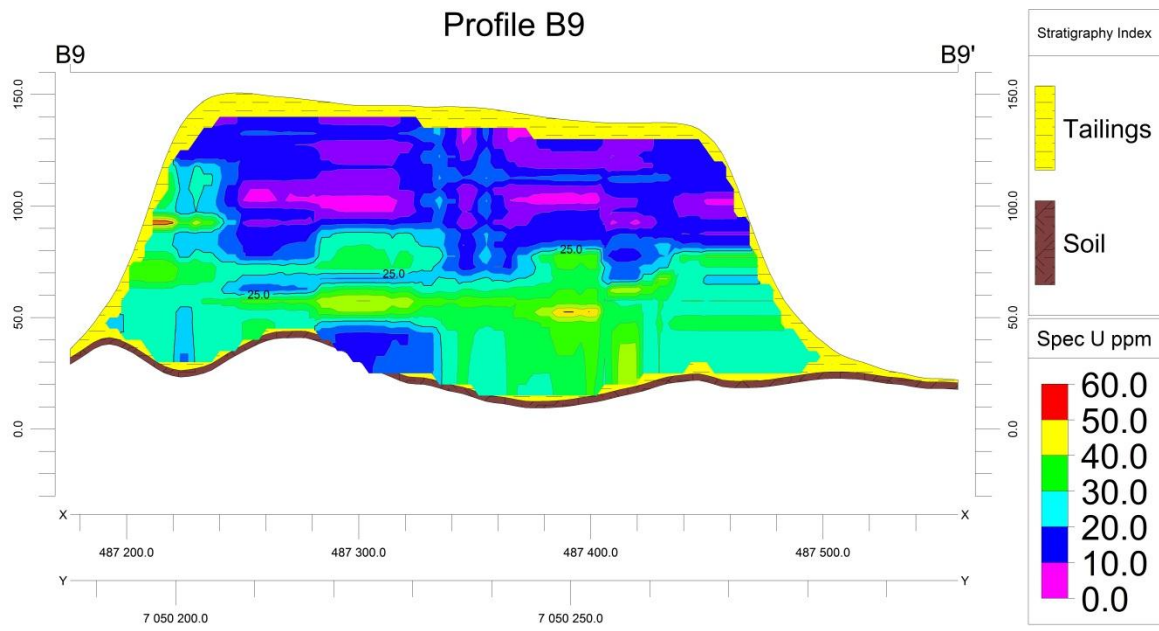


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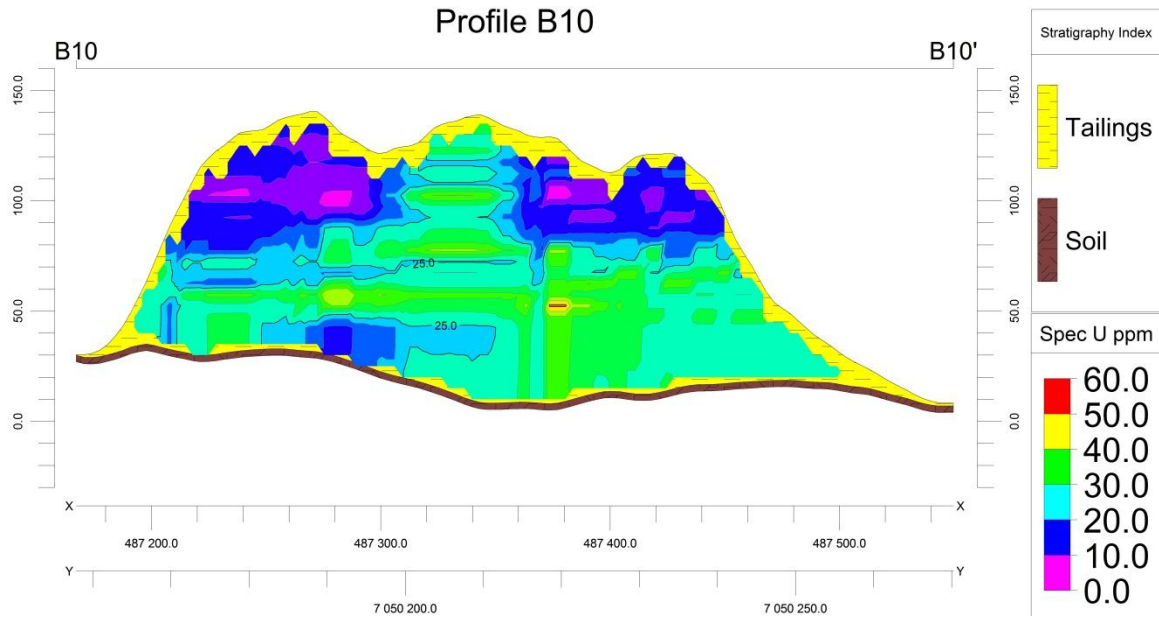


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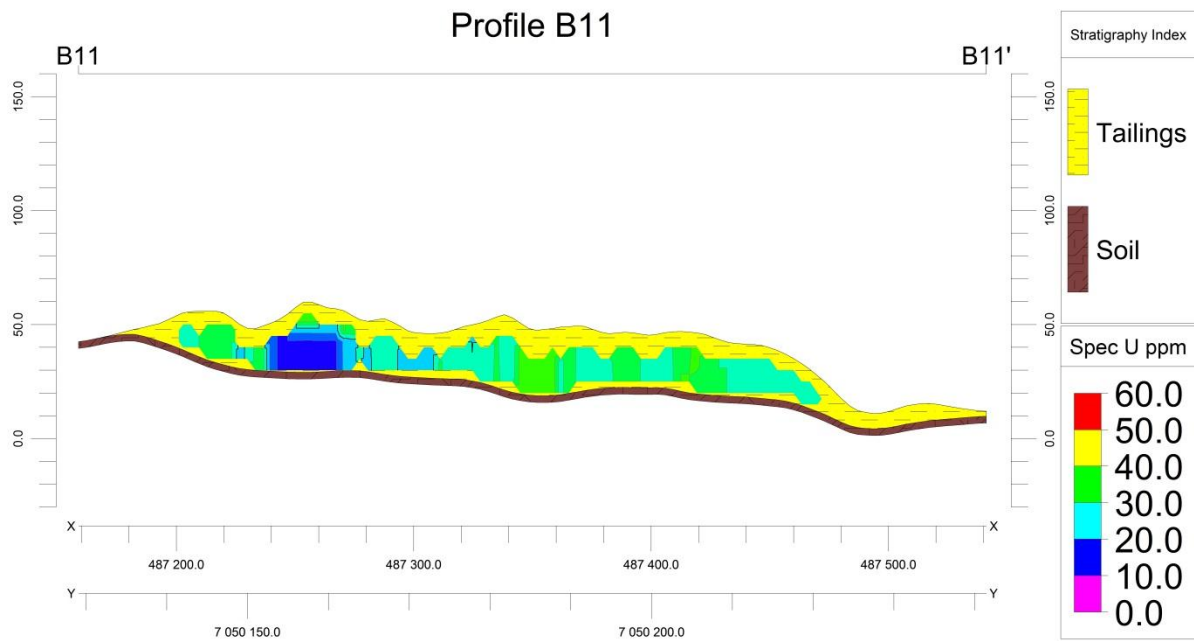


Figure A.27: Profile B11, New Machavie down-hole spectrometry

Appendix B: Laboratory Spectrometry of samples, modeling results

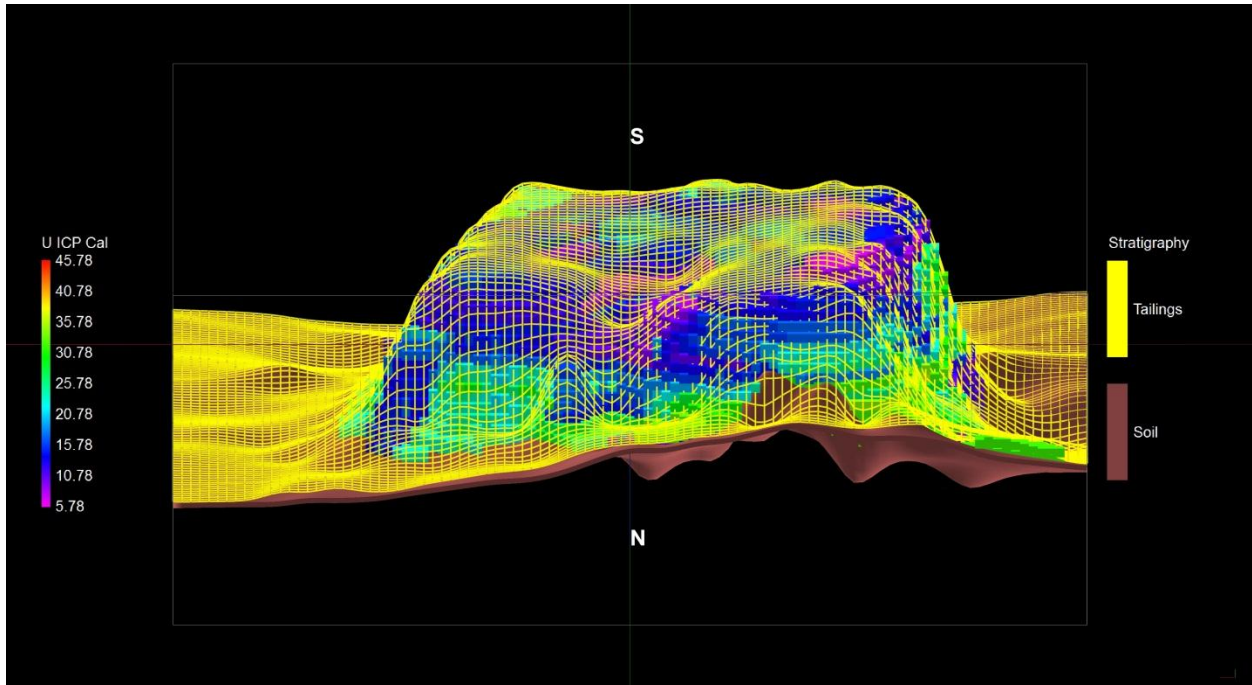


Figure B.1: Laboratory spectrometry model, north-south view

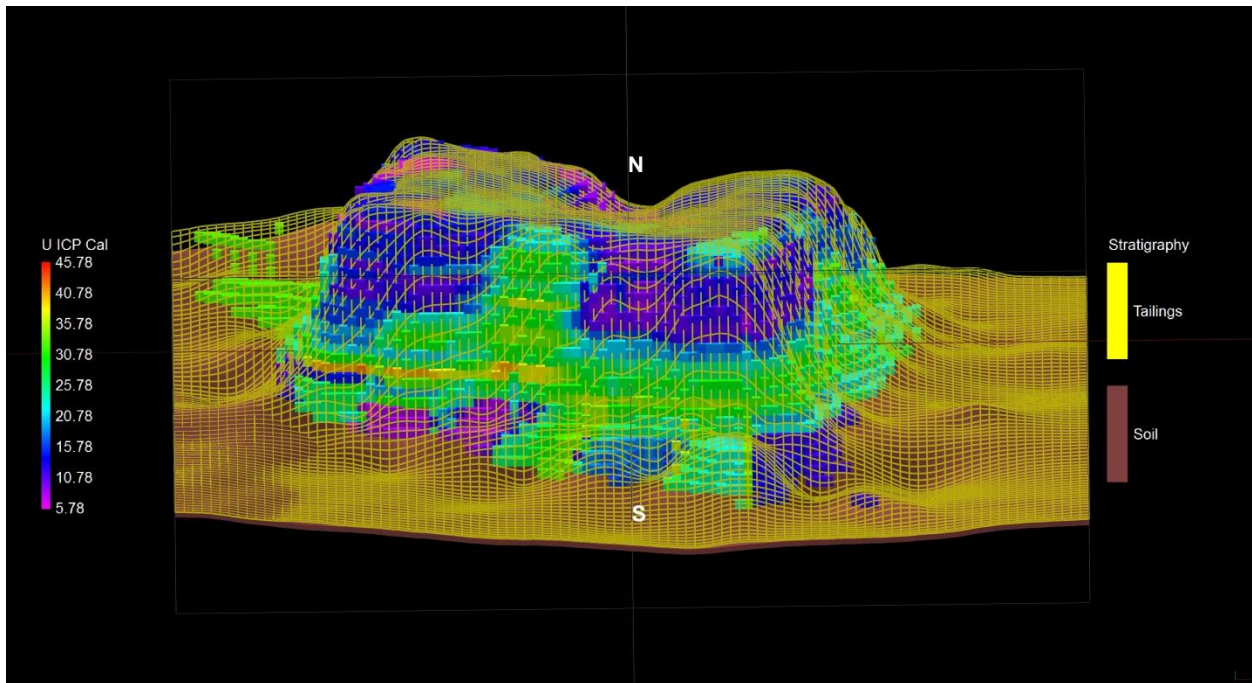


Figure B.2: Laboratory spectrometry model, south-north view

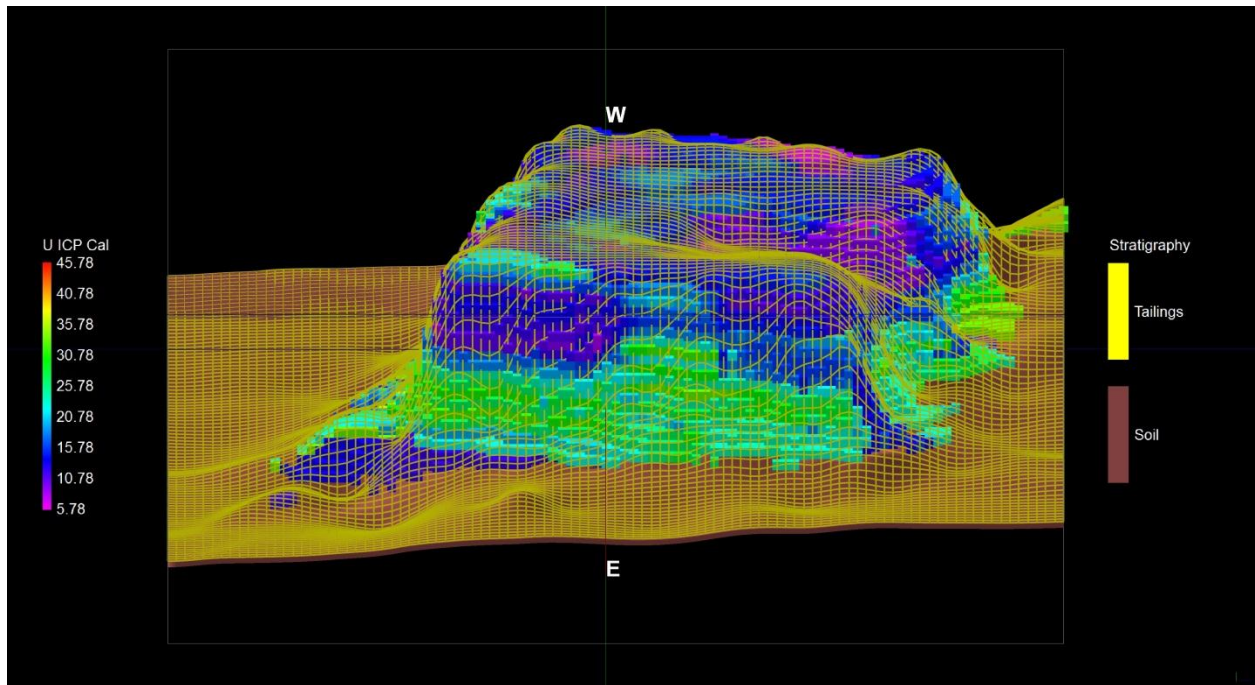


Figure B.3: Laboratory spectrometry model, east-west view

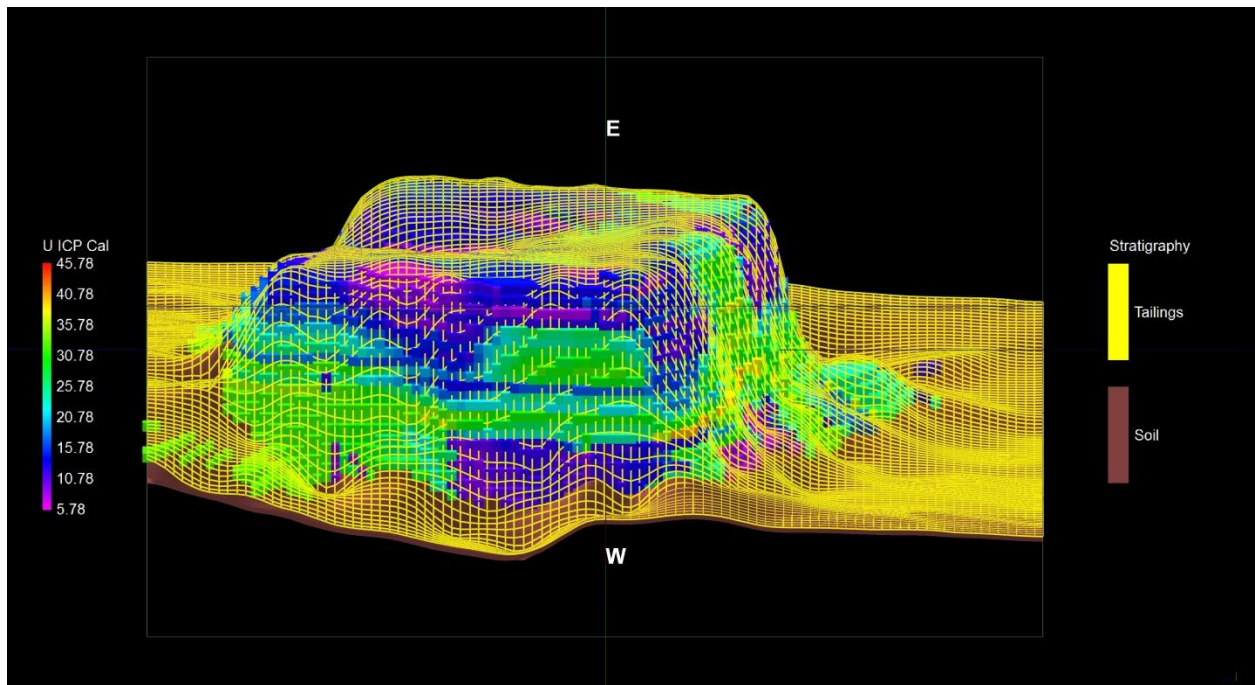


Figure B.4: Laboratory spectrometry model, west-east view

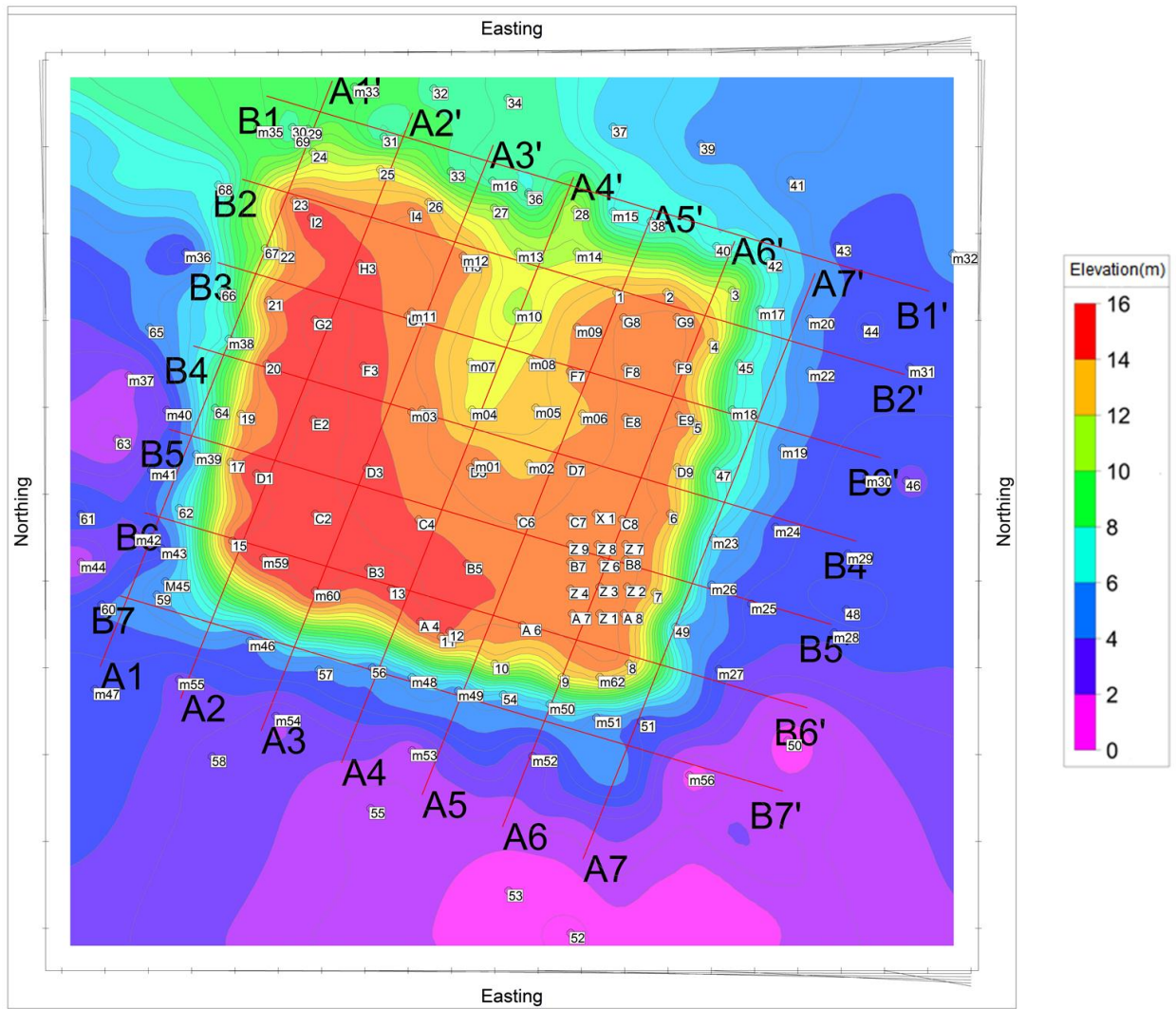


Figure B.5: Location map of laboratory spectrometry profiles

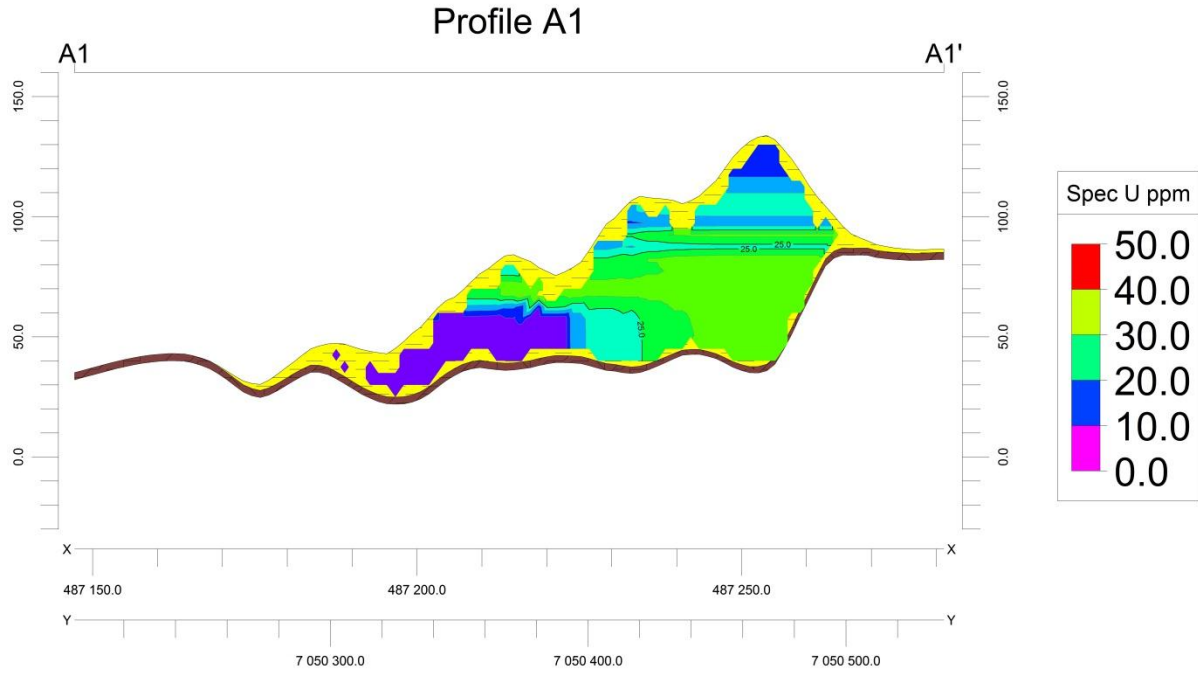


Figure B.6: Profile A1, Laboratory spectrometry model

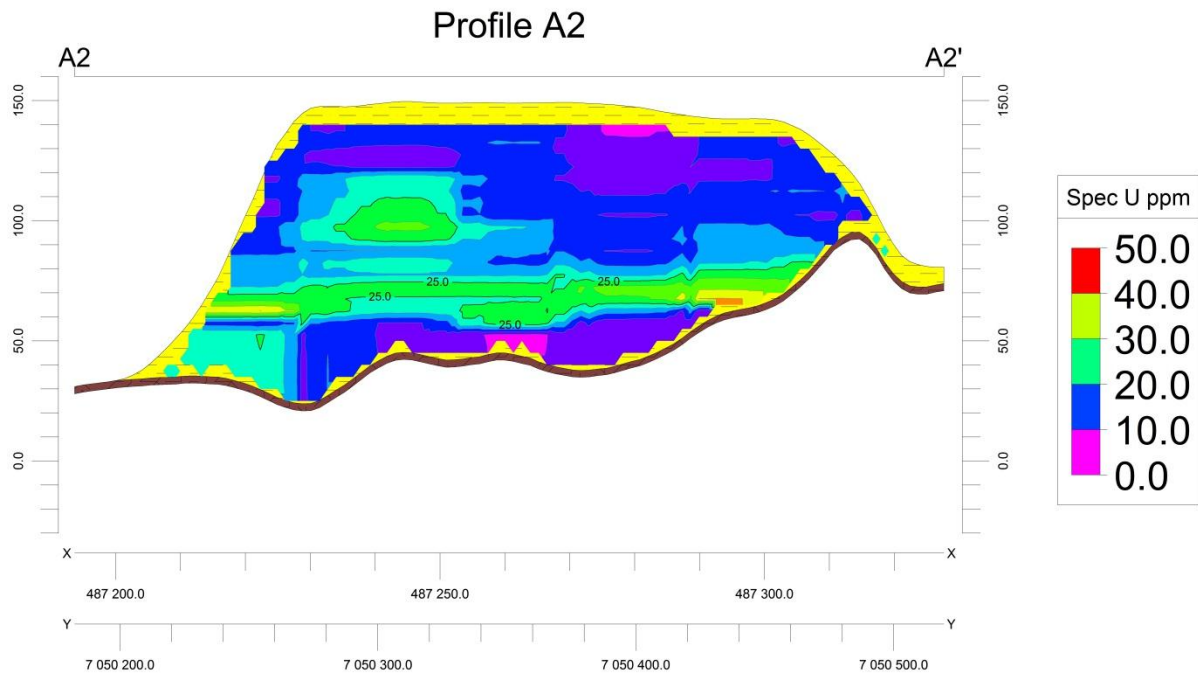


Figure B.7: Profile A2, Laboratory spectrometry model

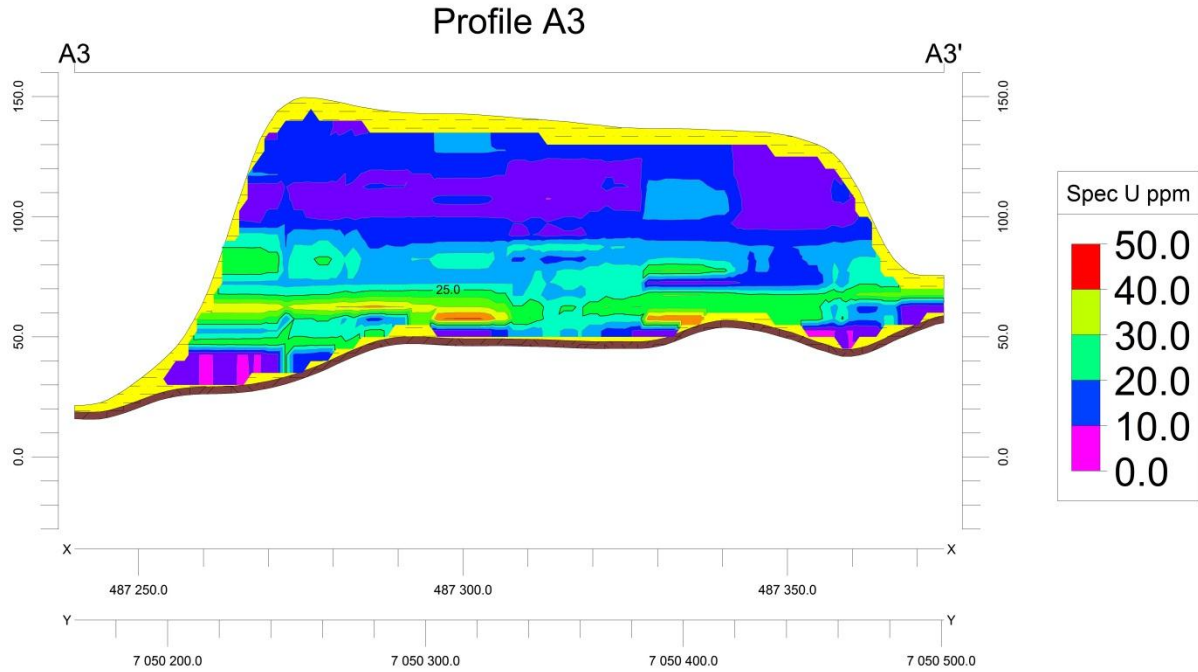


Figure B.8: Profile A3, Laboratory spectrometry model

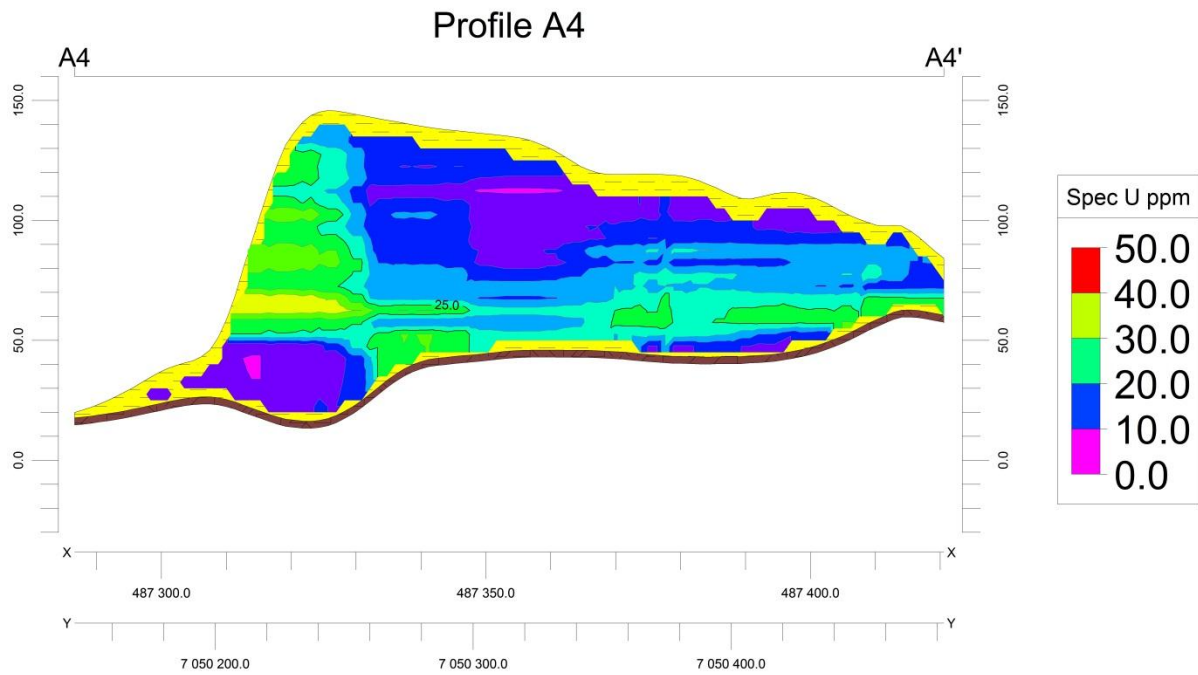


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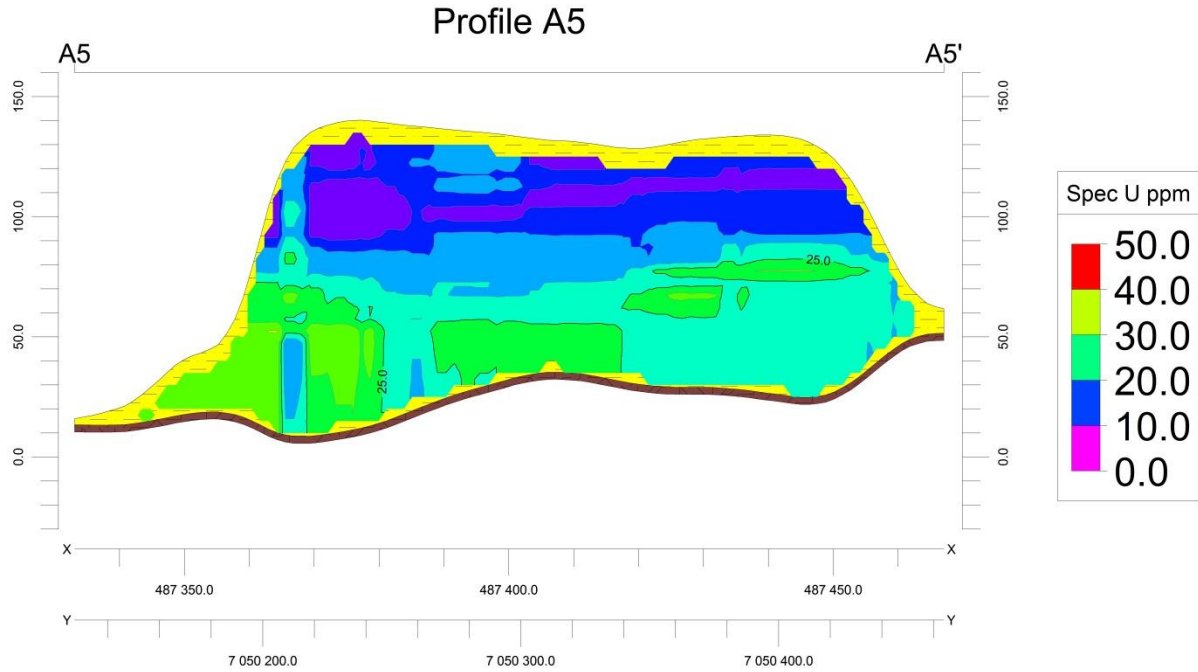


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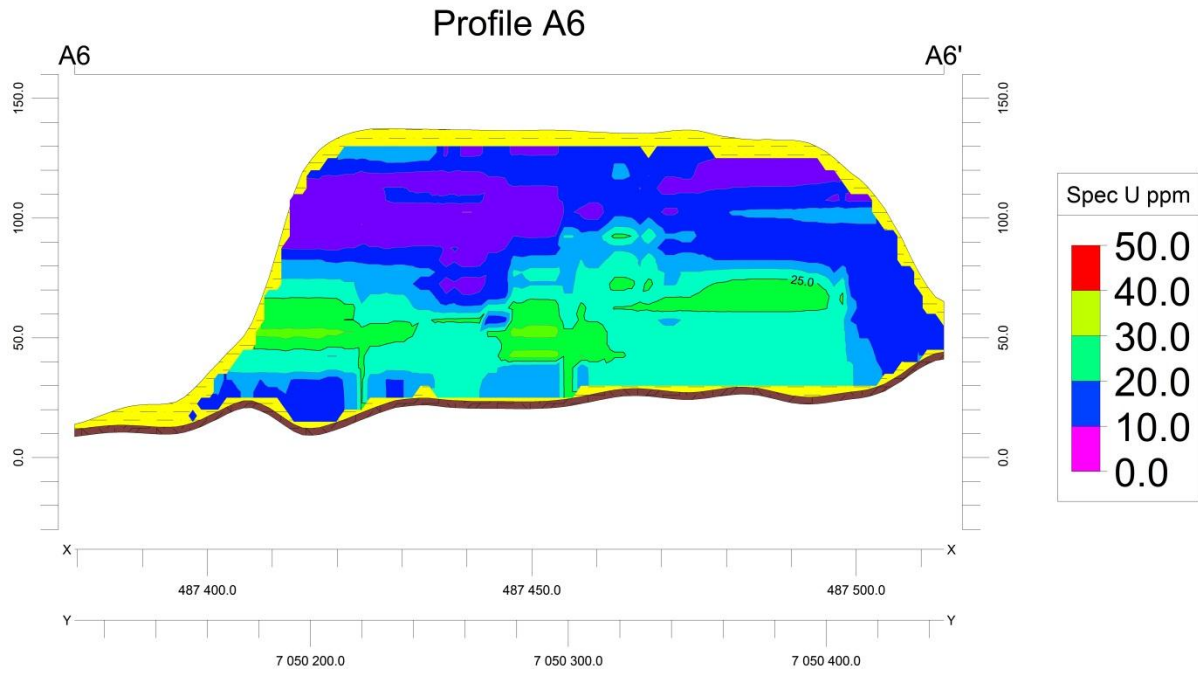


Figure B.11: Profile A6, Laboratory spectrometry model

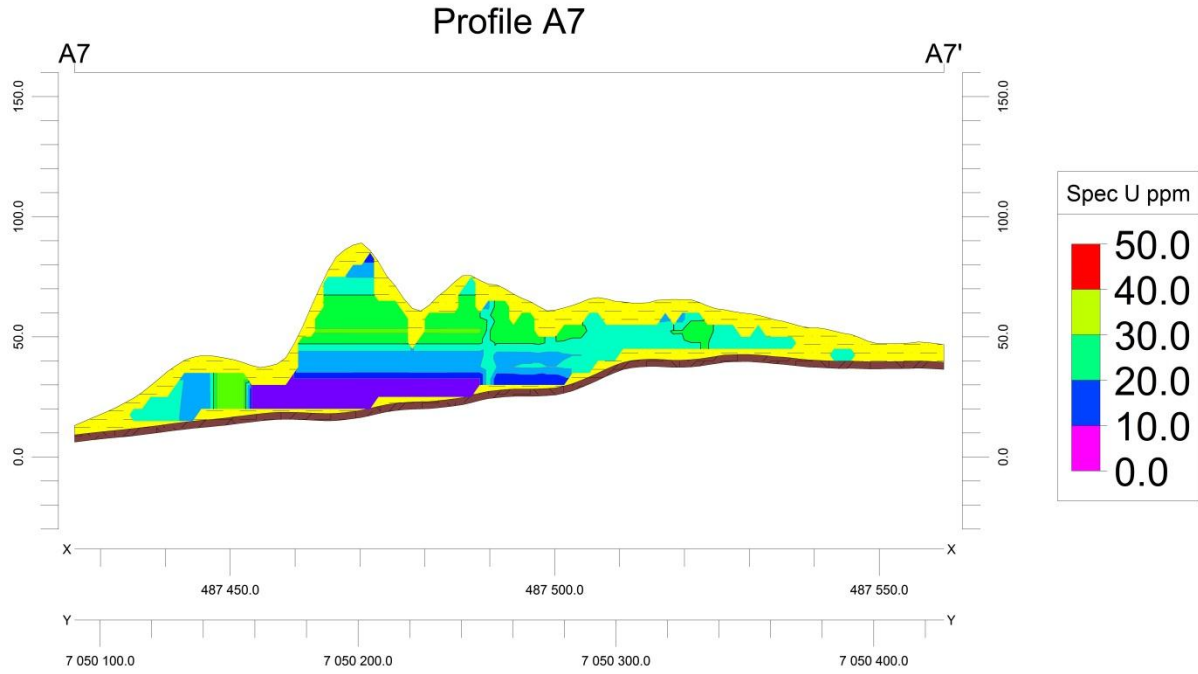


Figure B.12: Profile A7, Laboratory spectrometry model

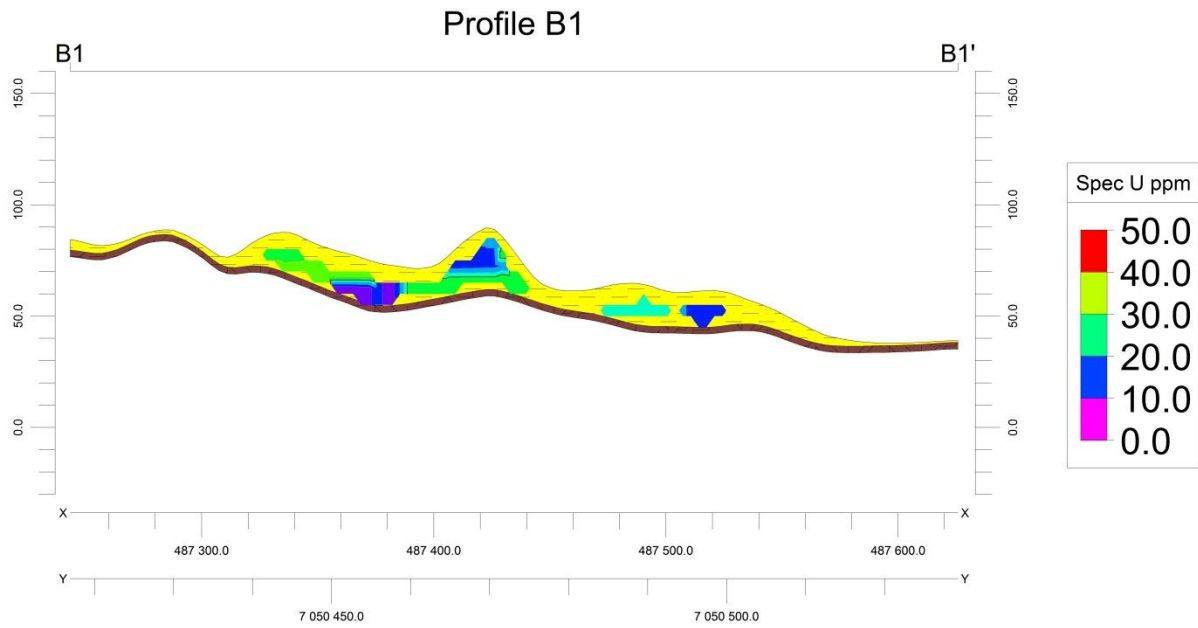


Figure B.13: Profile B1, Laboratory spectrometry model

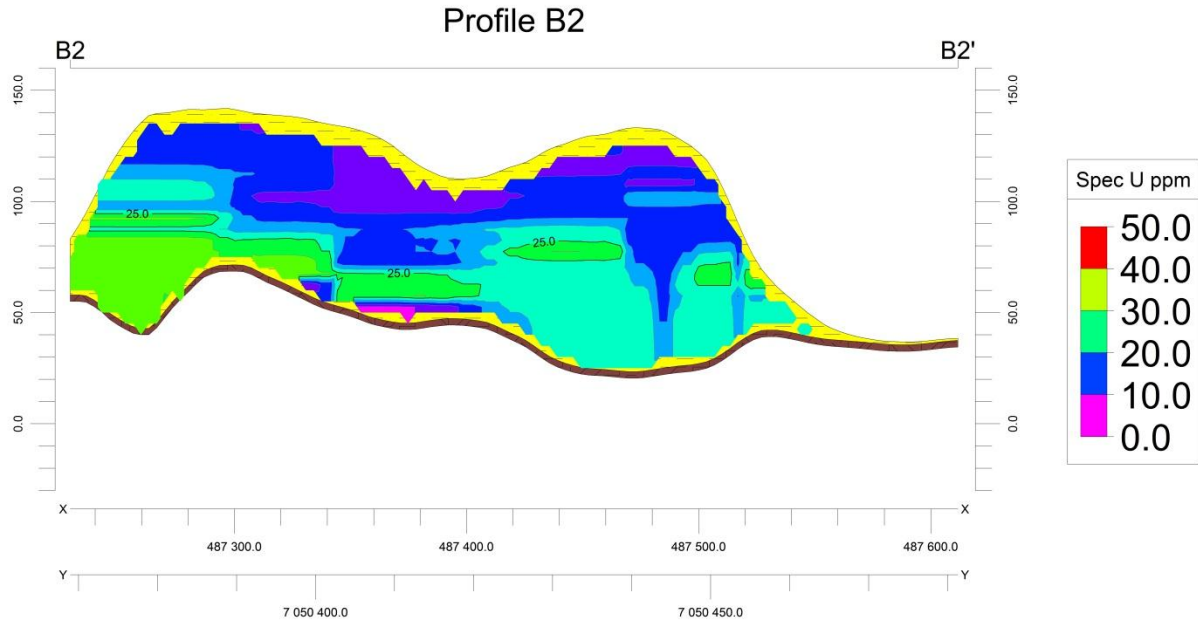


Figure B.14: Profile B2, Laboratory spectrometry model

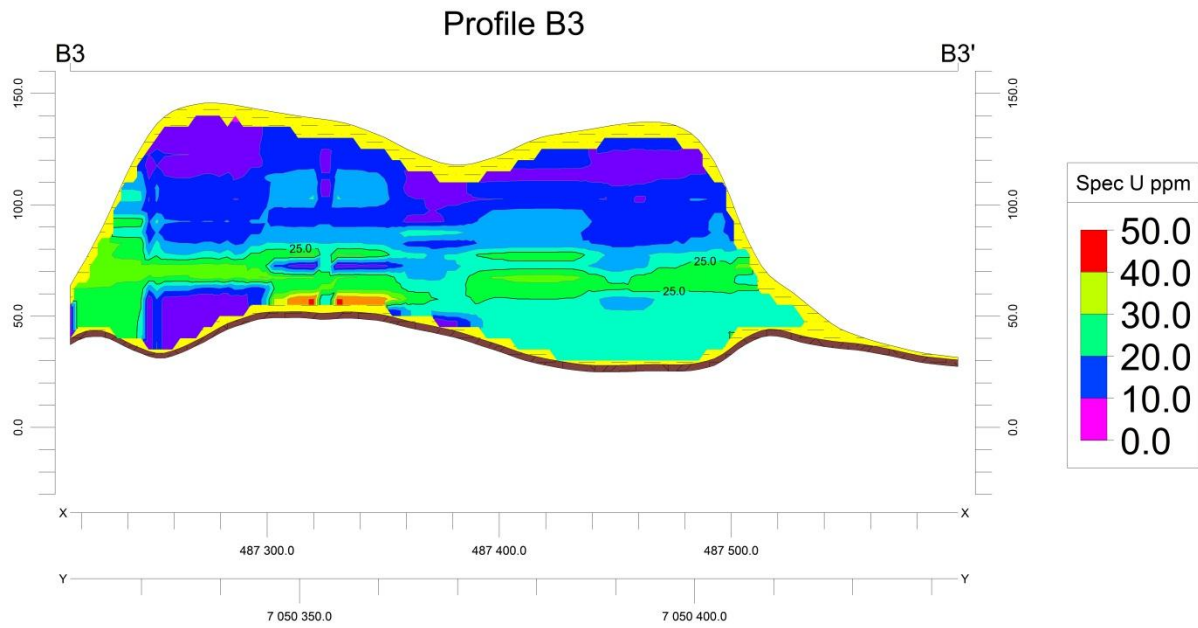


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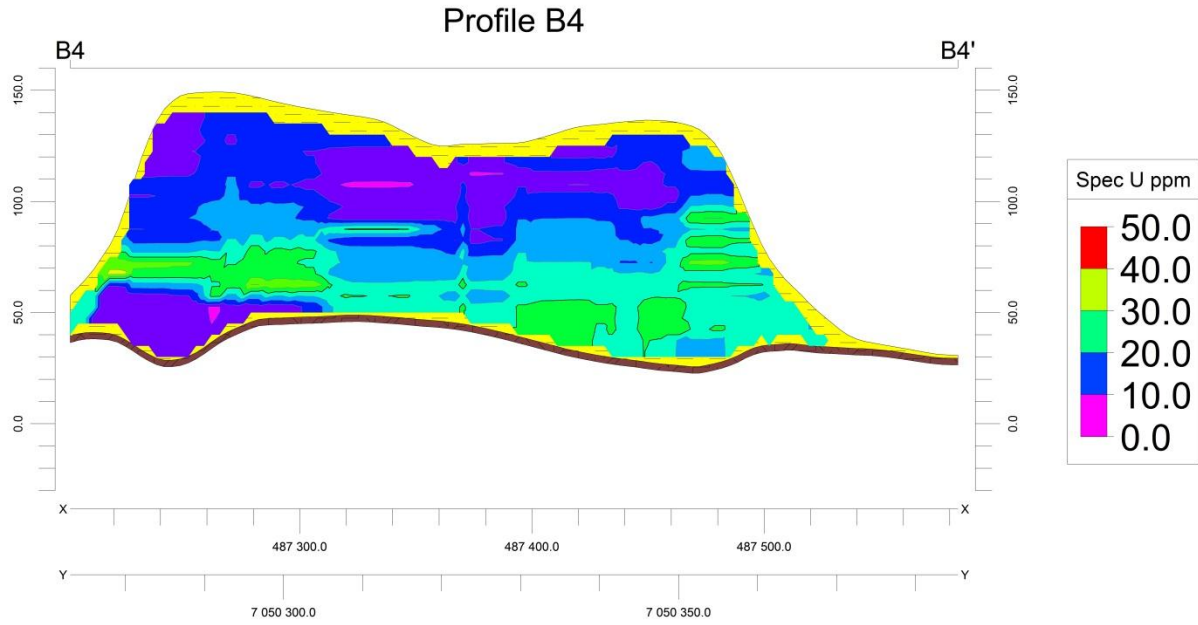


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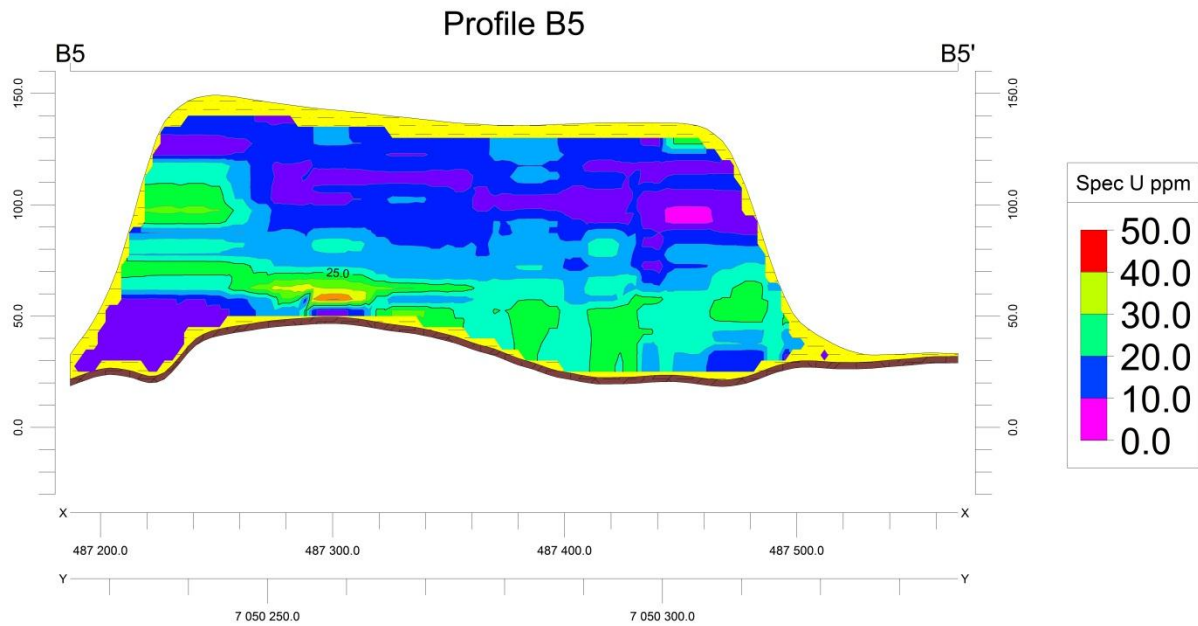


Figure B.17: Profile B5, Laboratory spectrometry model

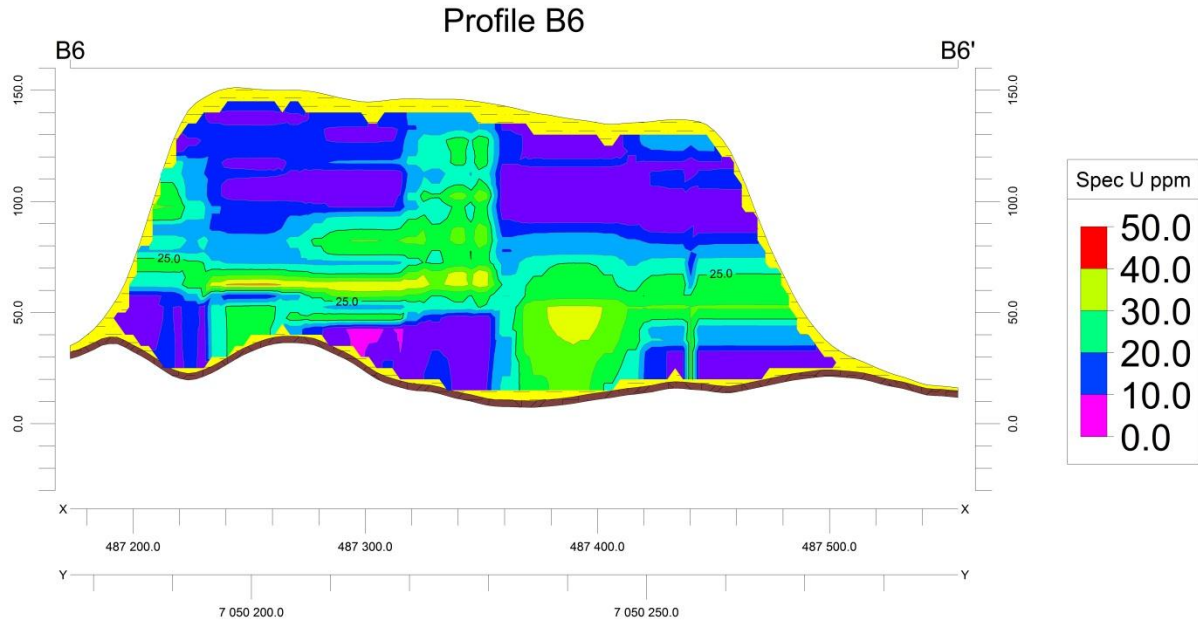


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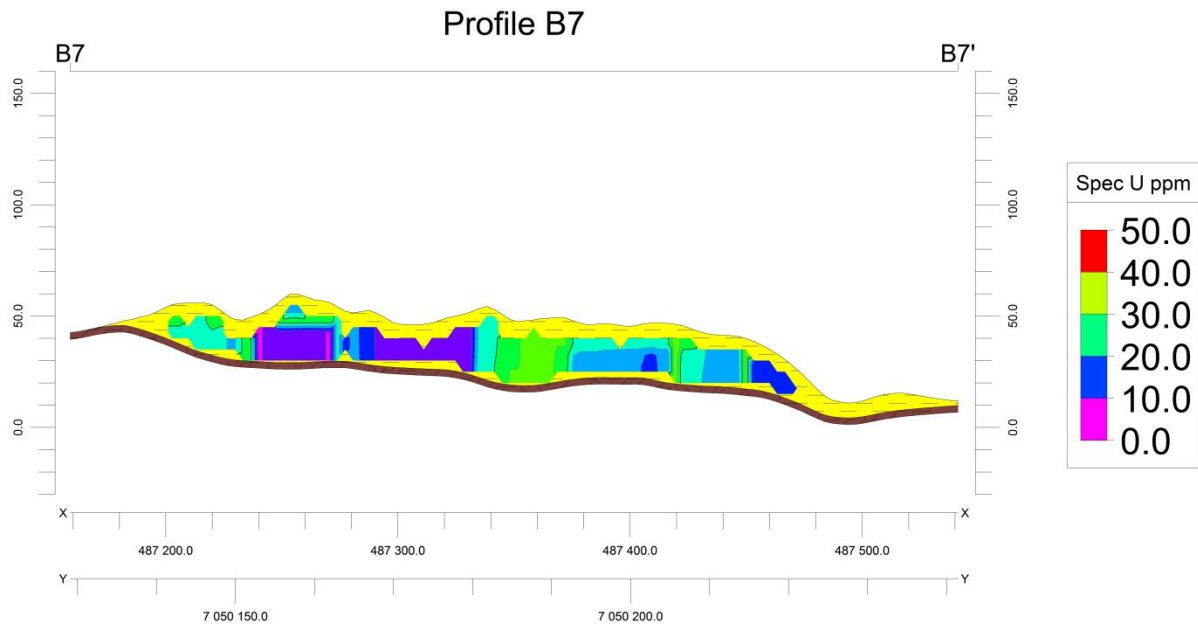


Figure B.19: Profile B7, Laboratory spectrometry model

Appendix C: Surface natural gamma spectrometry results

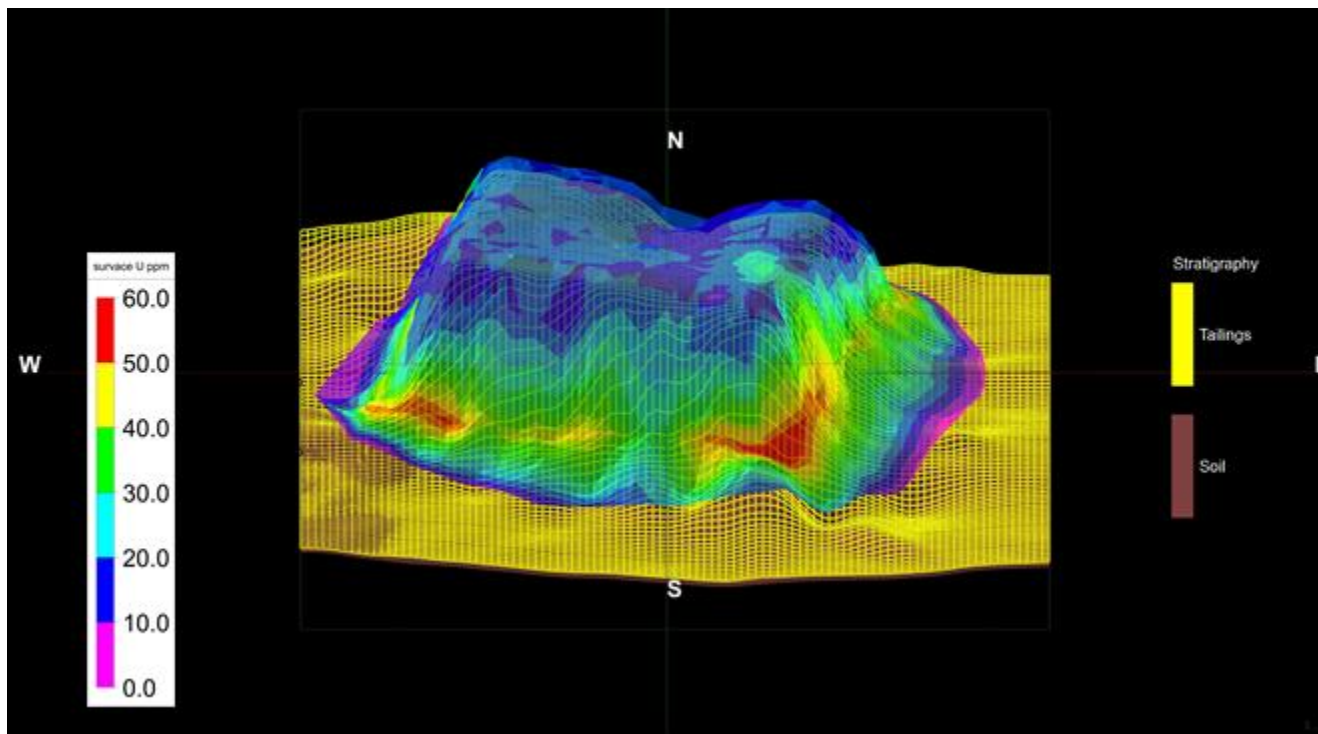


Figure C.1: Surface spectrometry results, south-north view

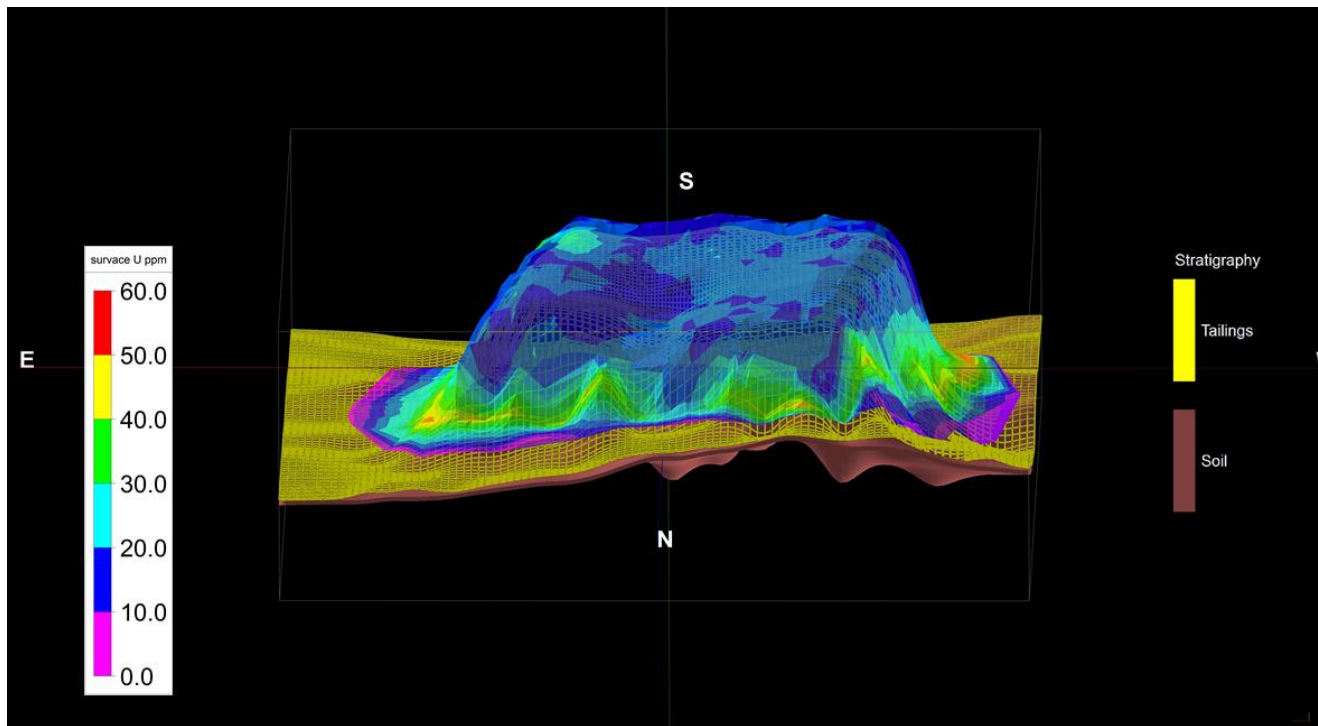


Figure C.2: Surface spectrometry results, north-south view

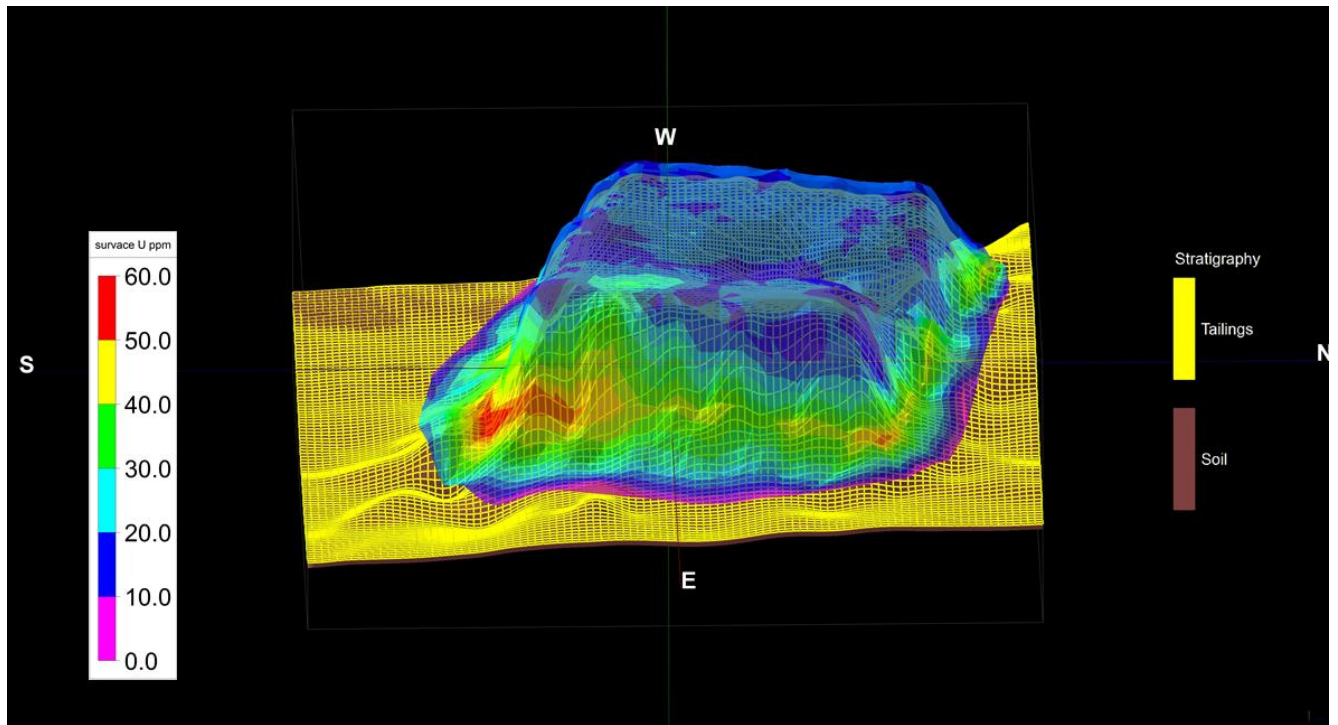


Figure C.3: Surface spectrometry results, east-west view

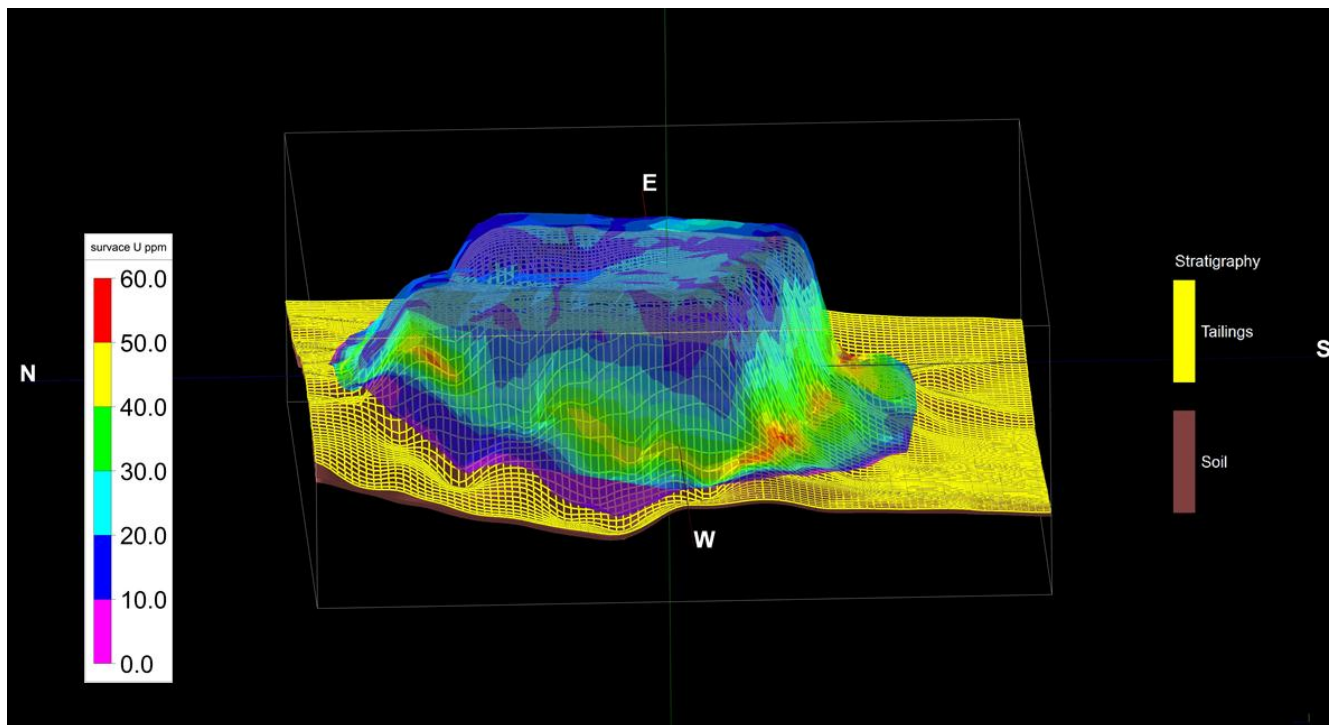


Figure C.4: Surface spectrometry results, west-east view

Appendix D: U mobility in New Machavie

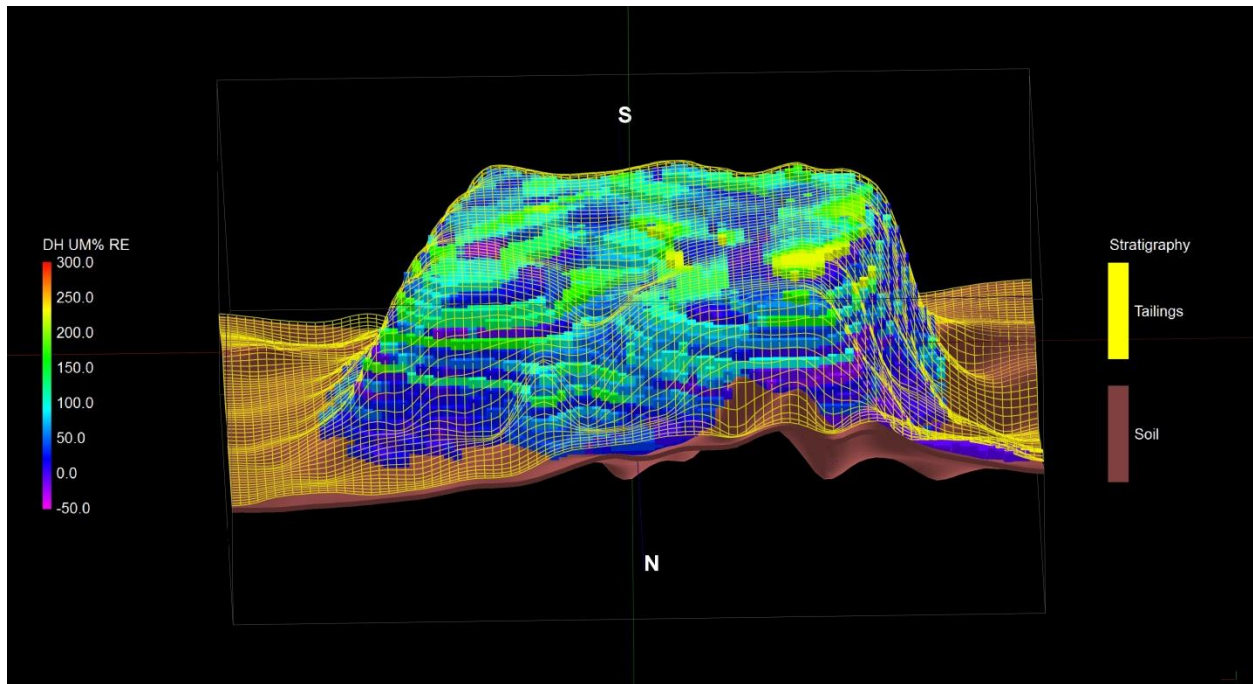


Figure D.1: U mobility results, north-south view

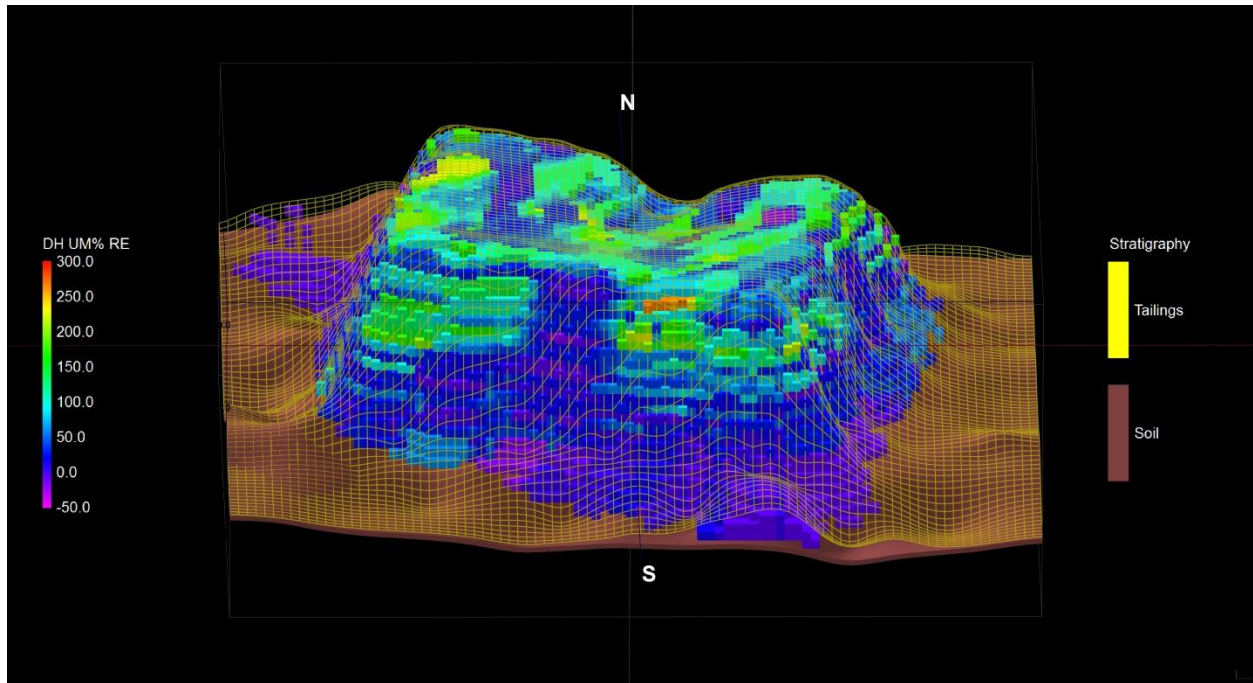


Figure D.2: U mobility results, south-north view

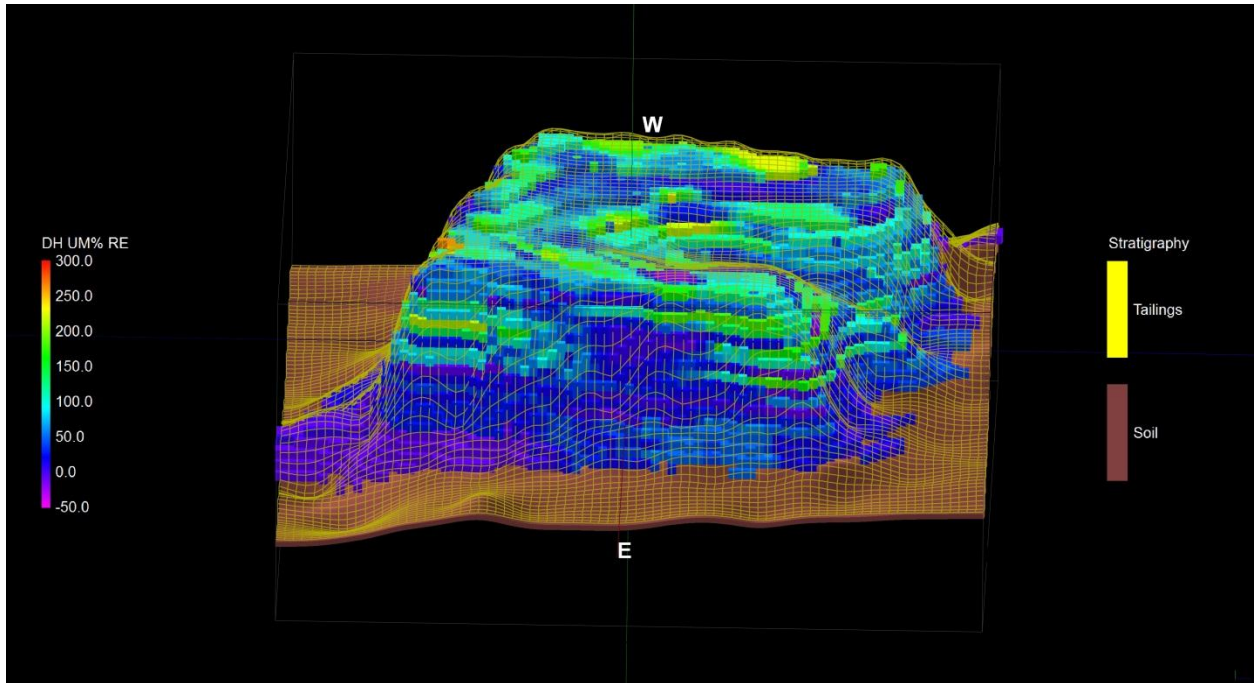


Figure D.3: U mobility results, east-west view

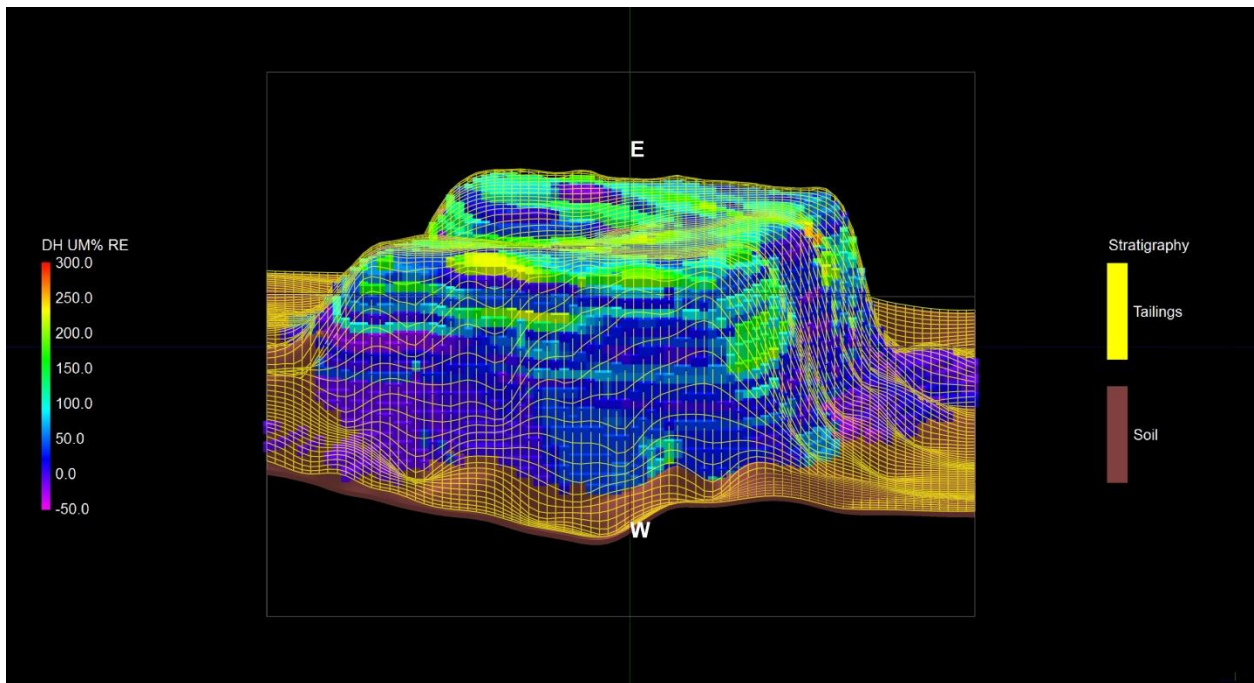


Figure D.4: U mobility results, west-east view

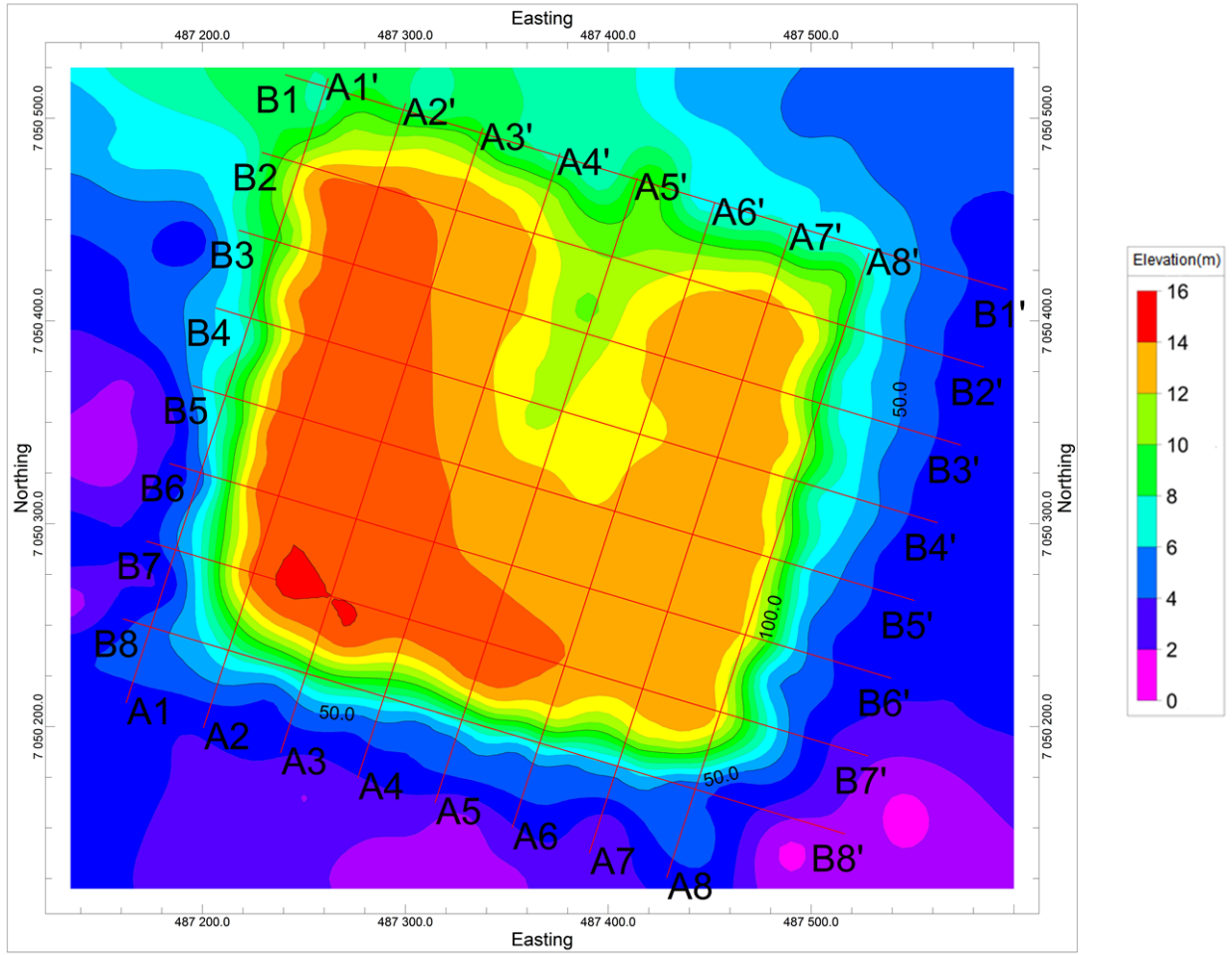


Figure D.5: Location map of U mobility profiles

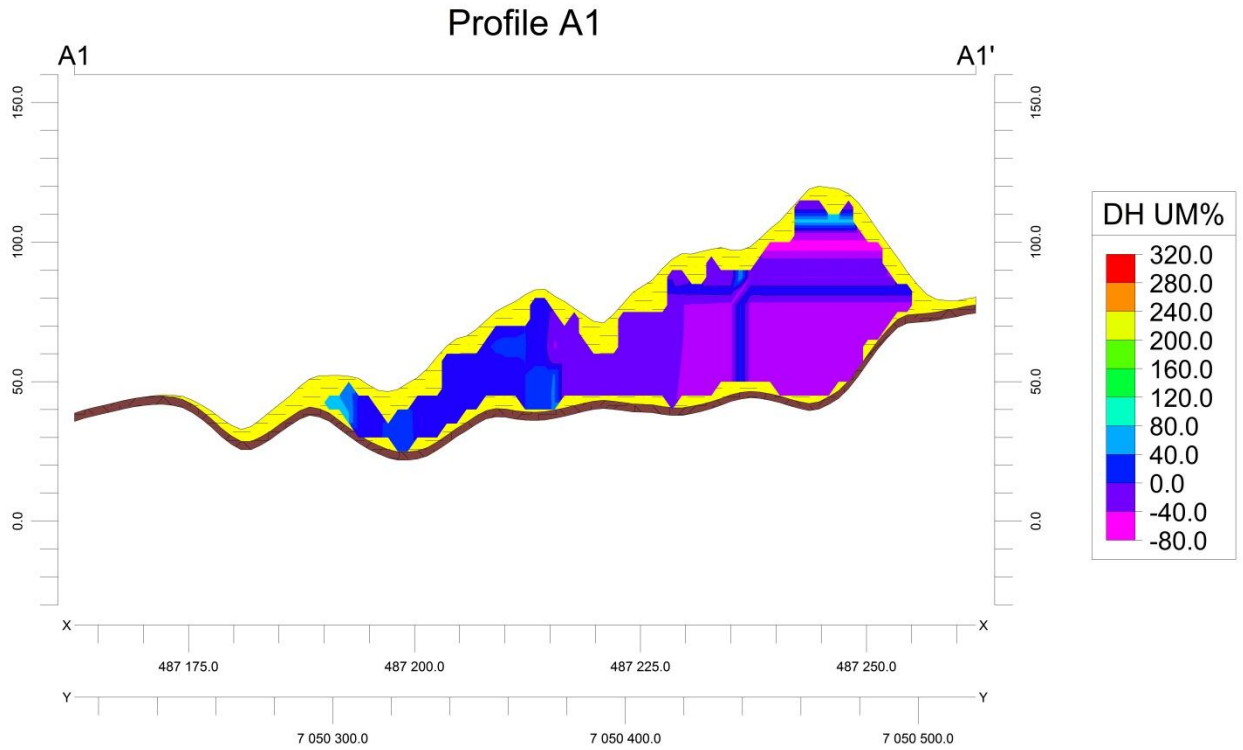


Figure D.6: Um% profile A1

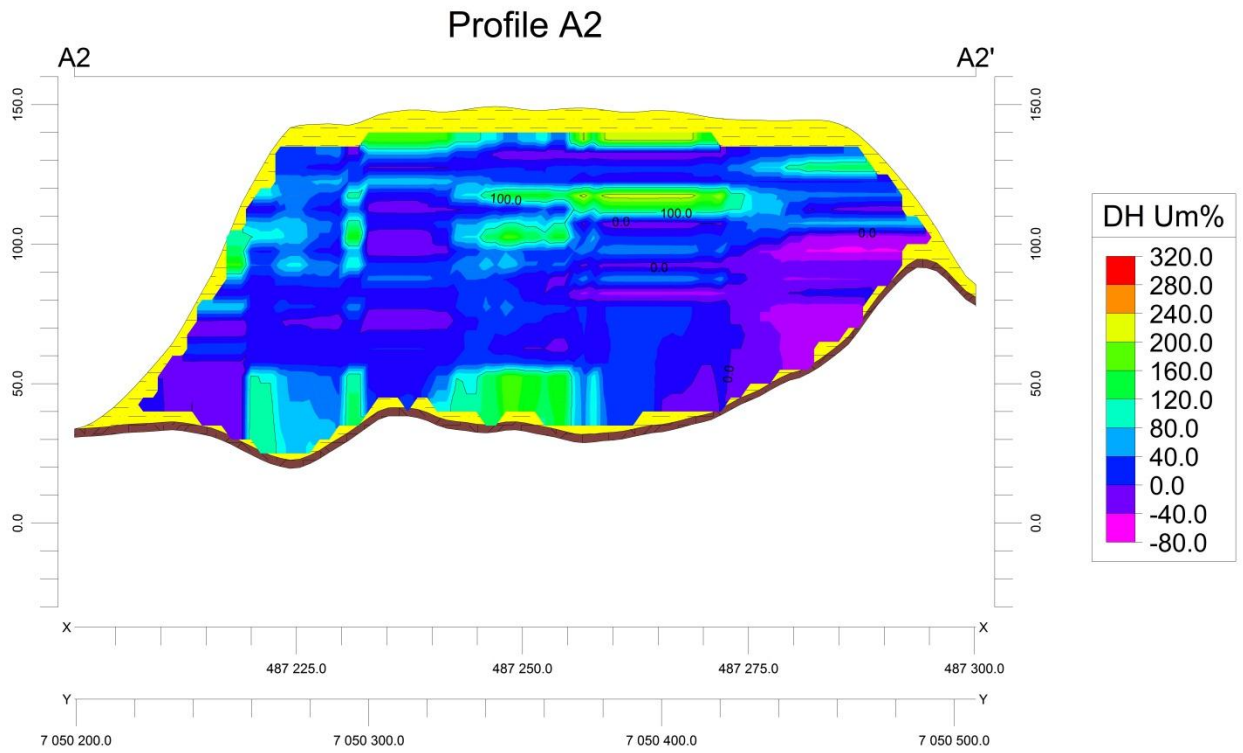


Figure D.7: Um% profile A2

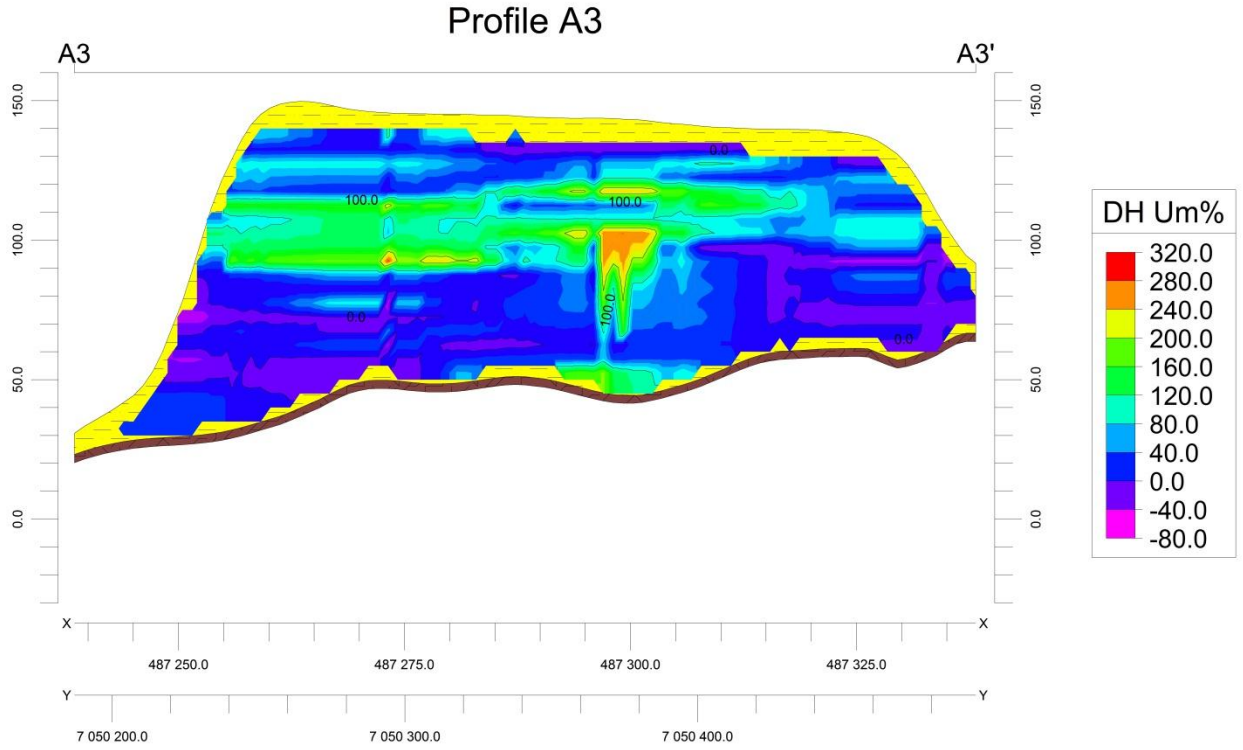


Figure D.8: Um% profile A3

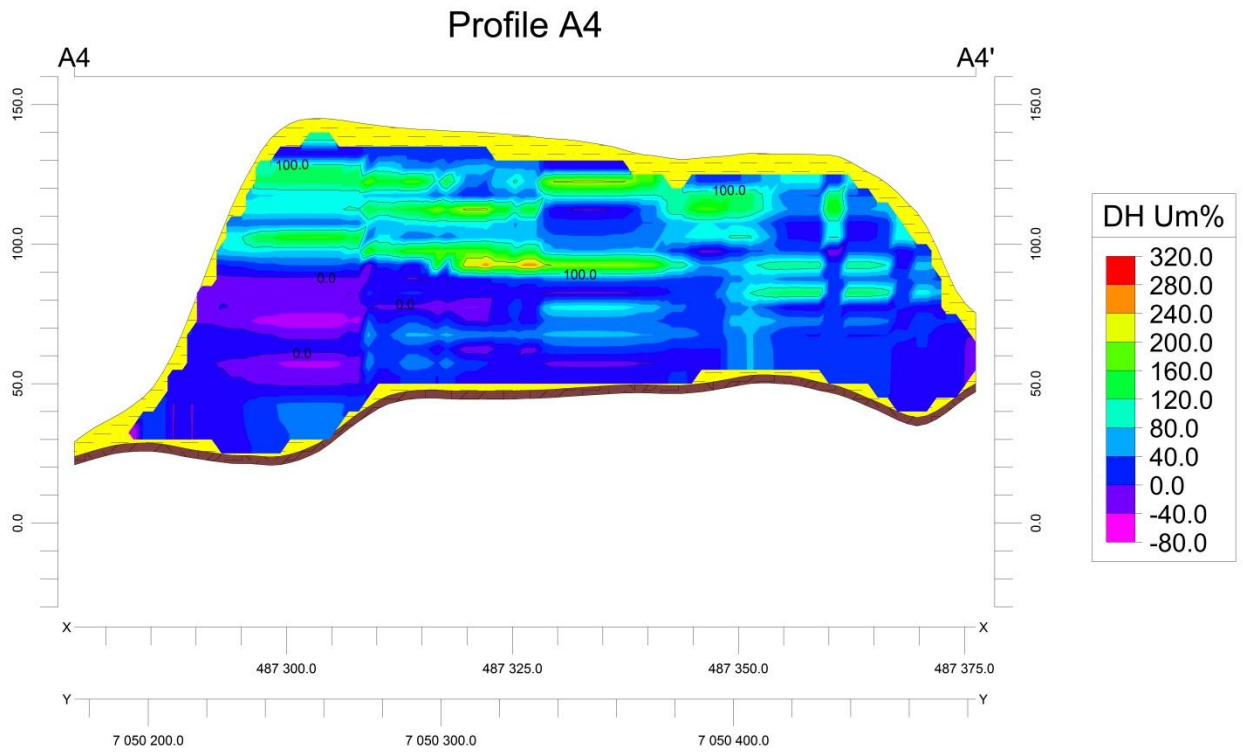


Figure D.9: Um% profile A4

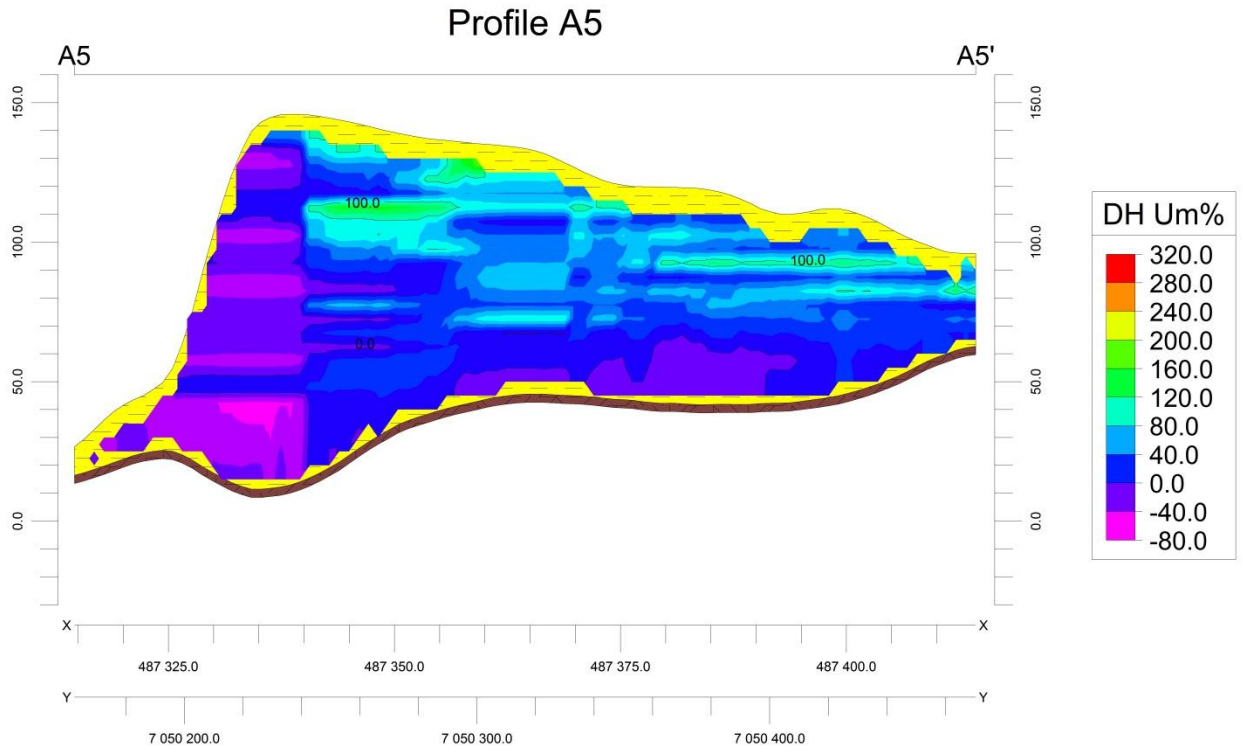


Figure D.10: Um% profile A5

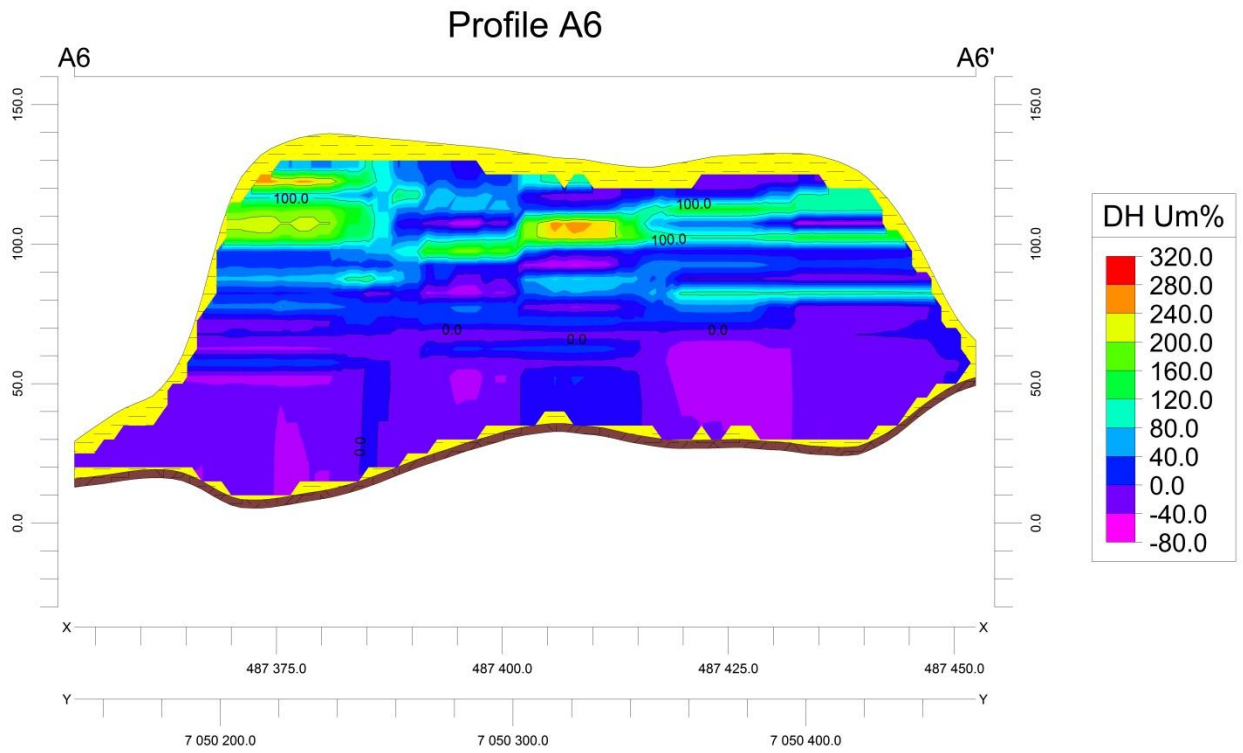


Figure D.11: Um% profile A6

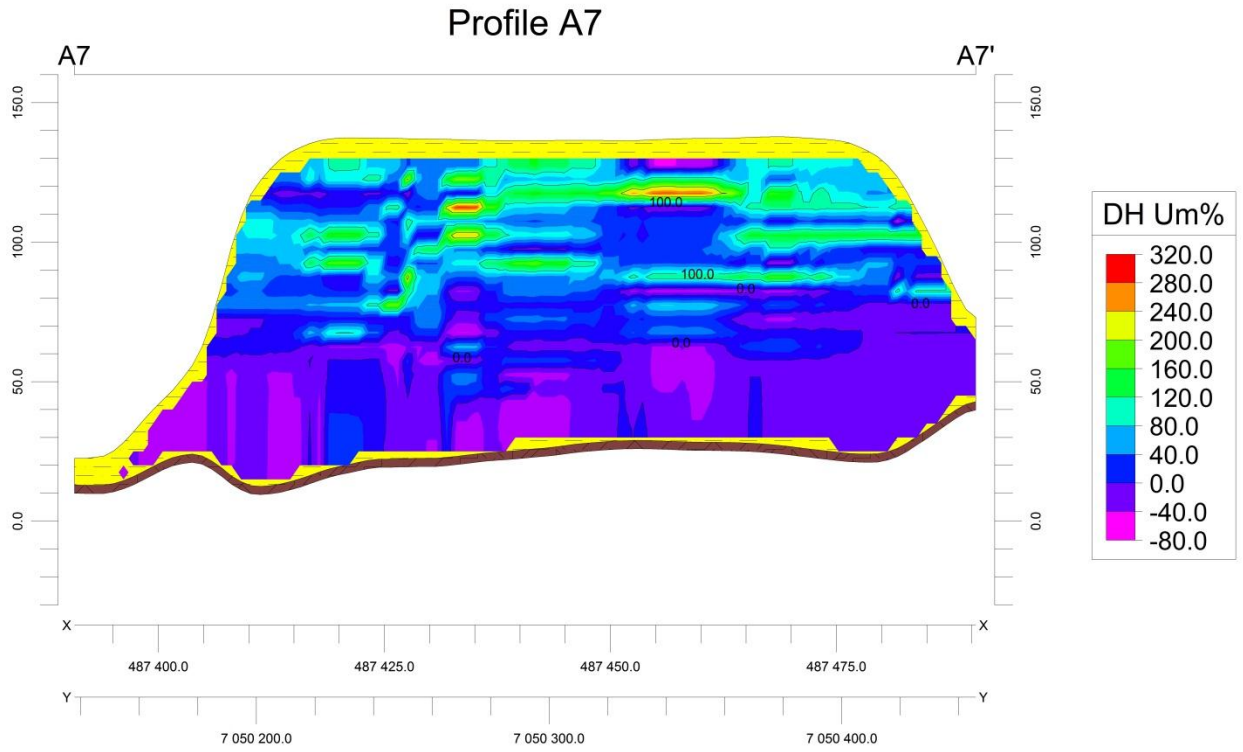


Figure D.12: Um% profile A7

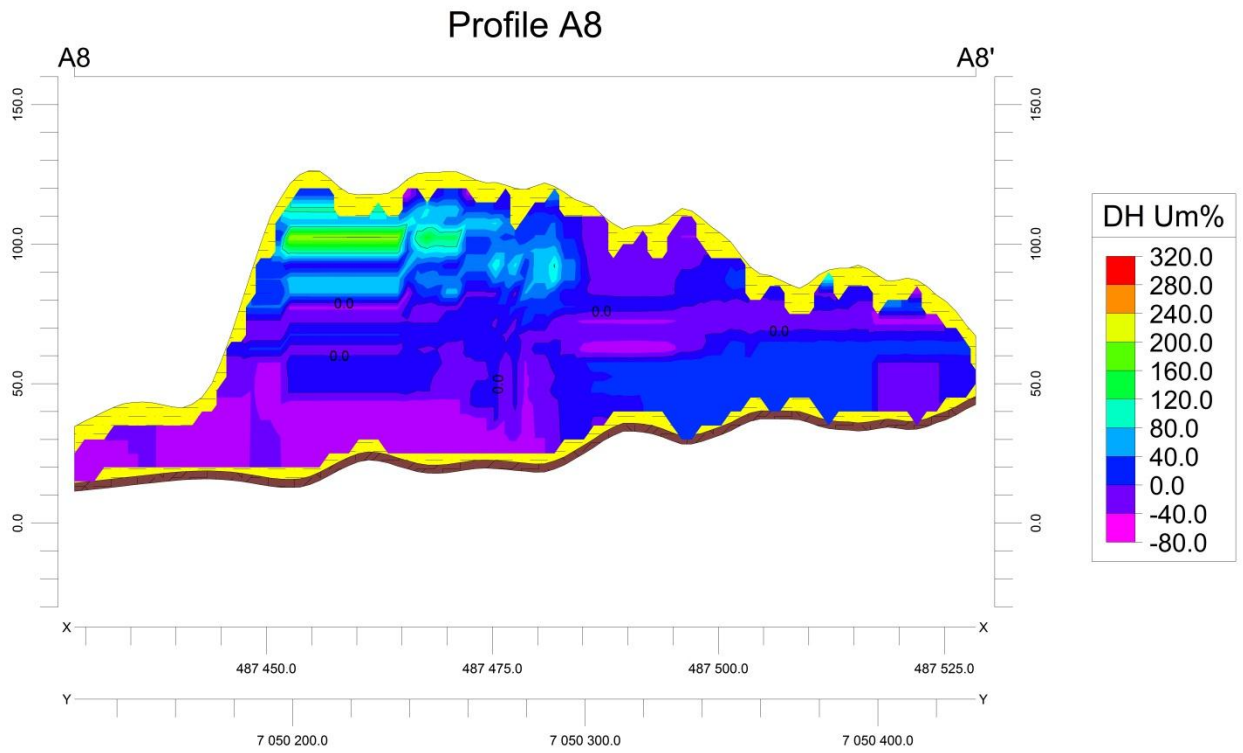


Figure D.13: Um% profile A8

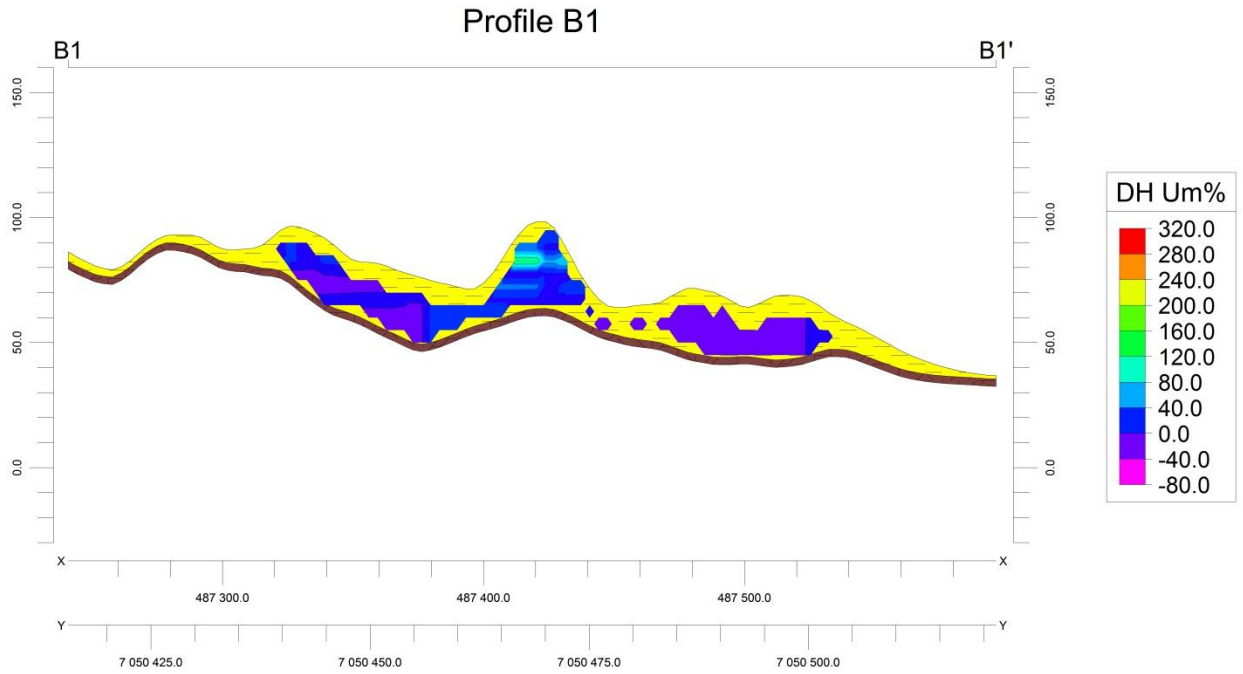


Figure D.14: Um% profile B1

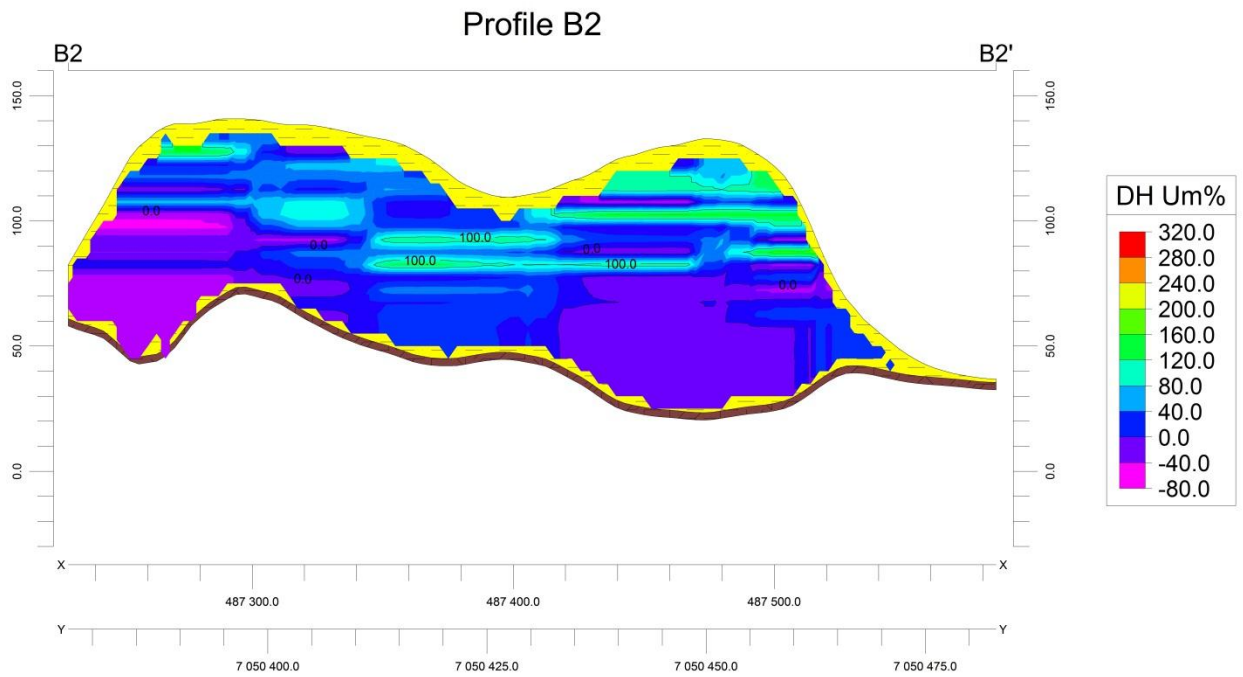


Figure D.15: Um% profile B2

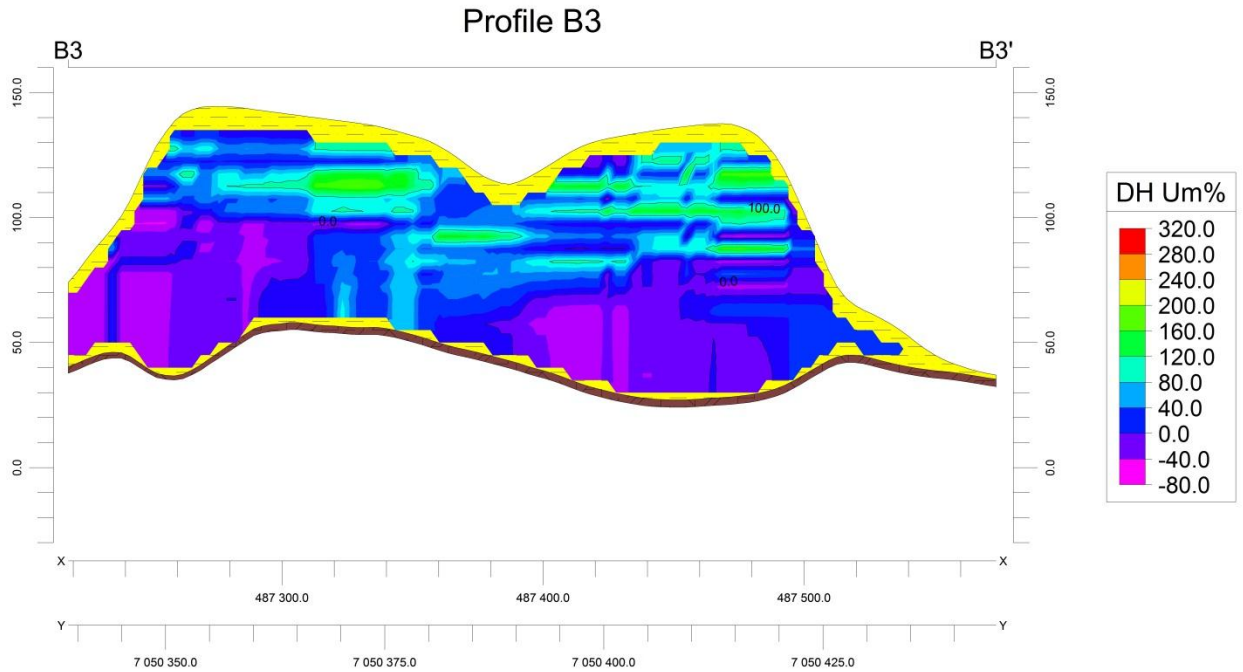


Figure D.16: Um% profile B3

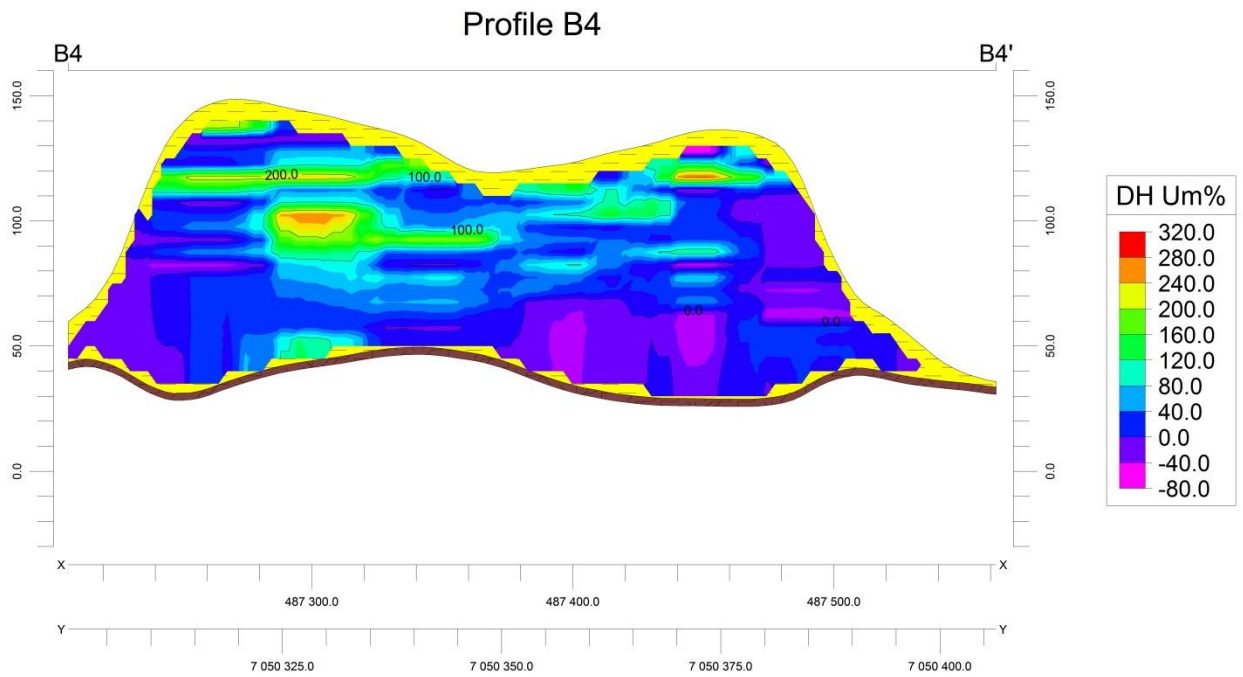


Figure D.17: Um% profile B4

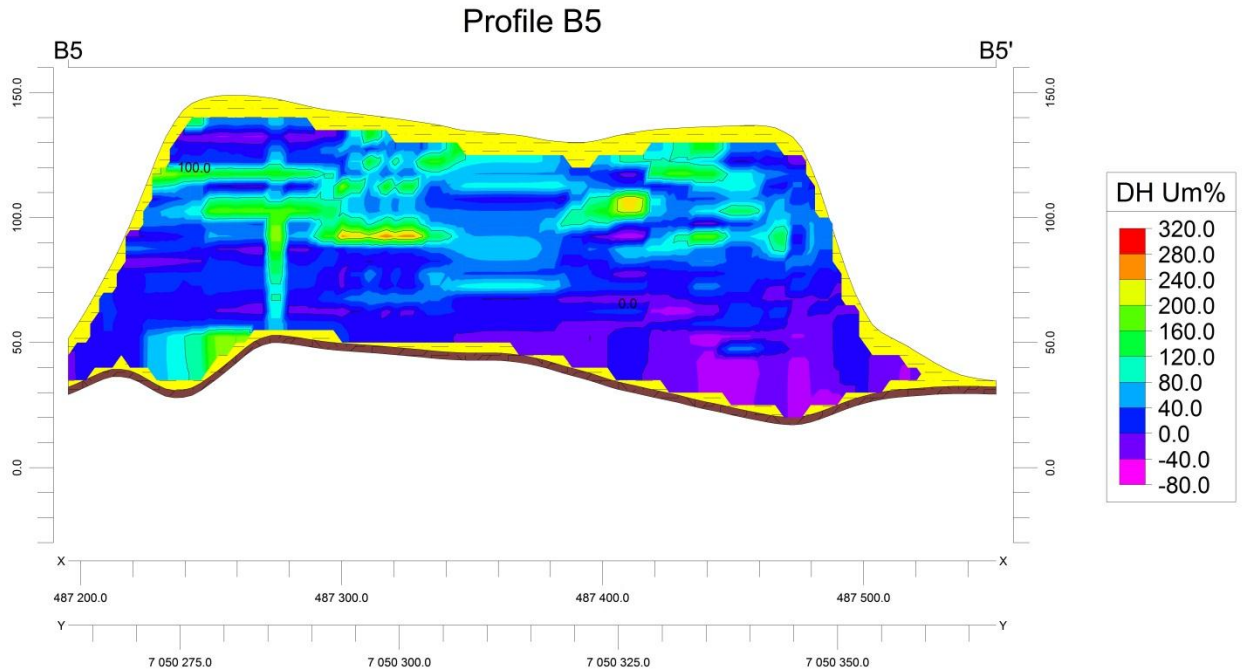


Figure D.18: Um% profile B5

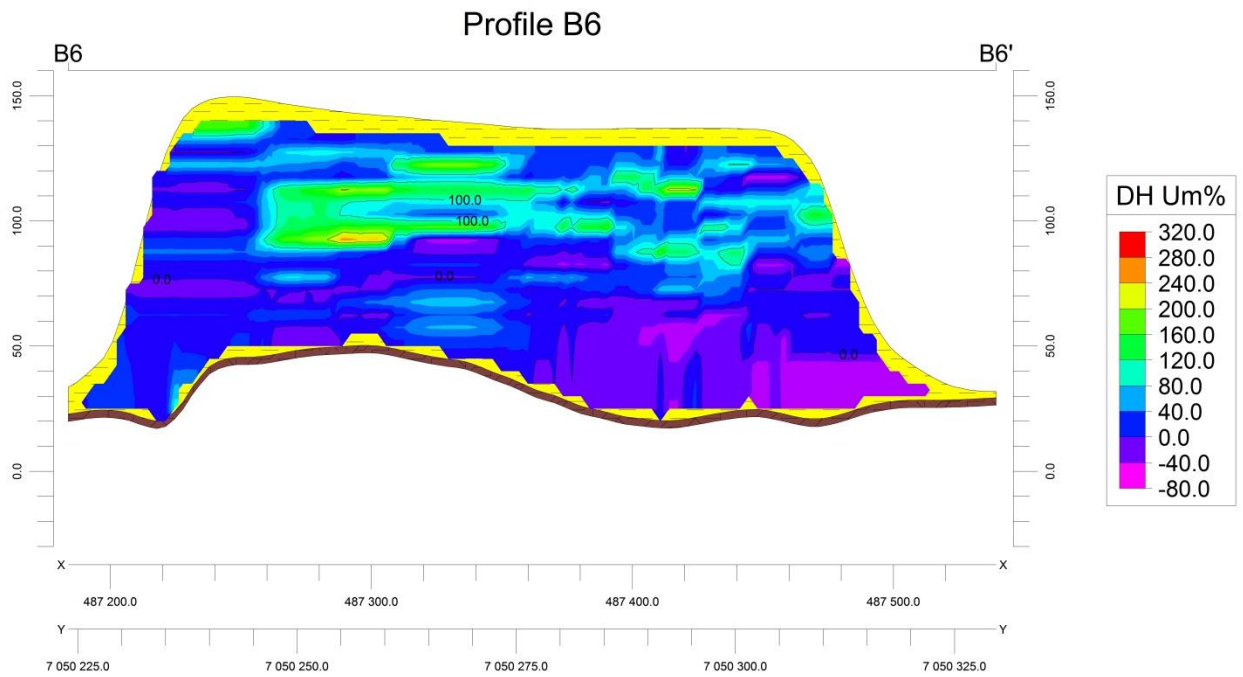


Figure D.19: Um% profile B6

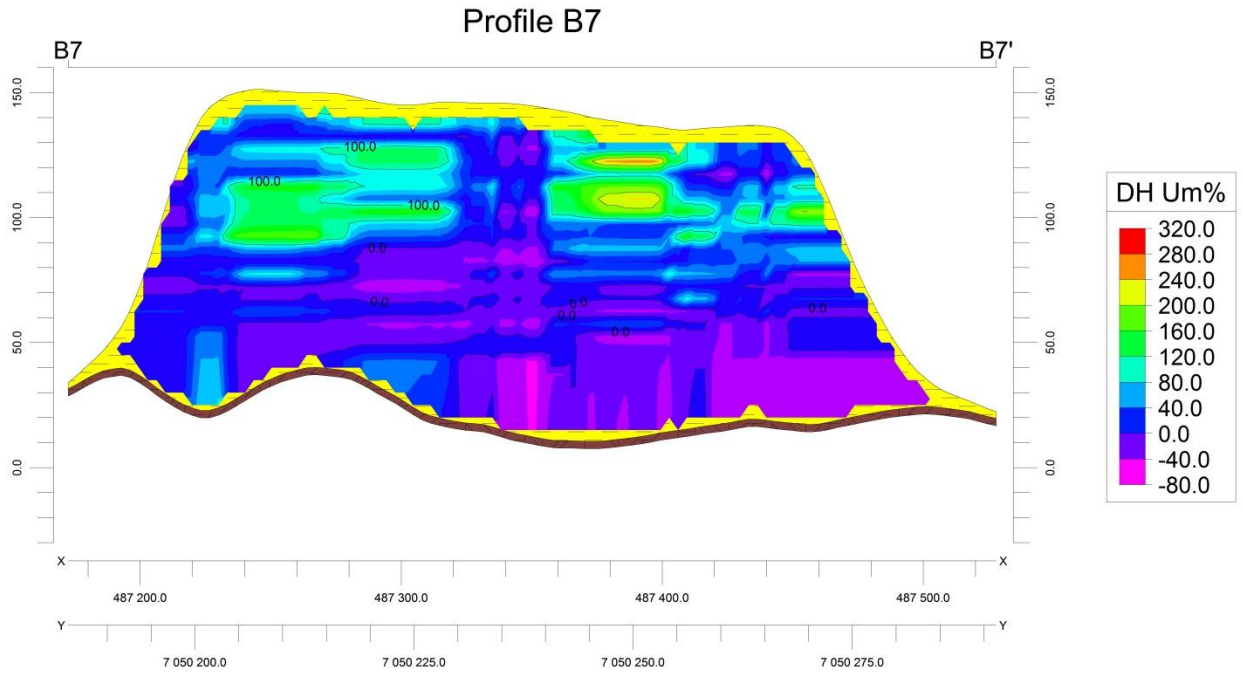


Figure D.20: Um% profile B7

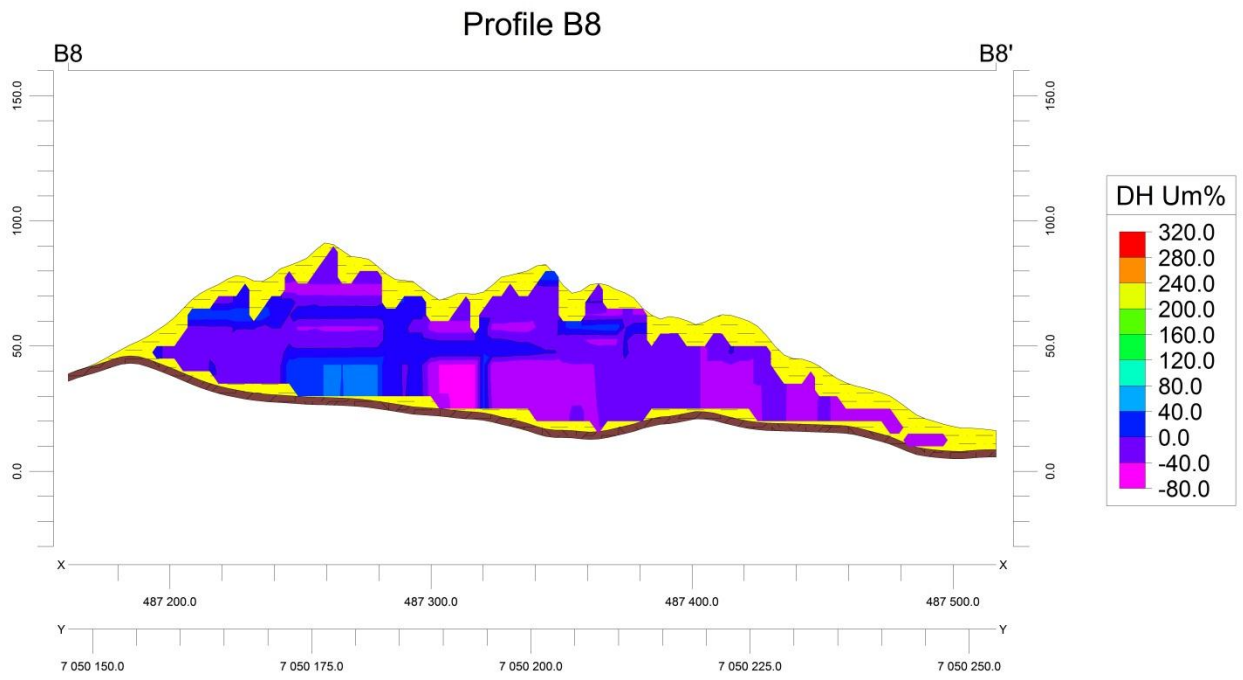


Figure D.21: Um% profile B8