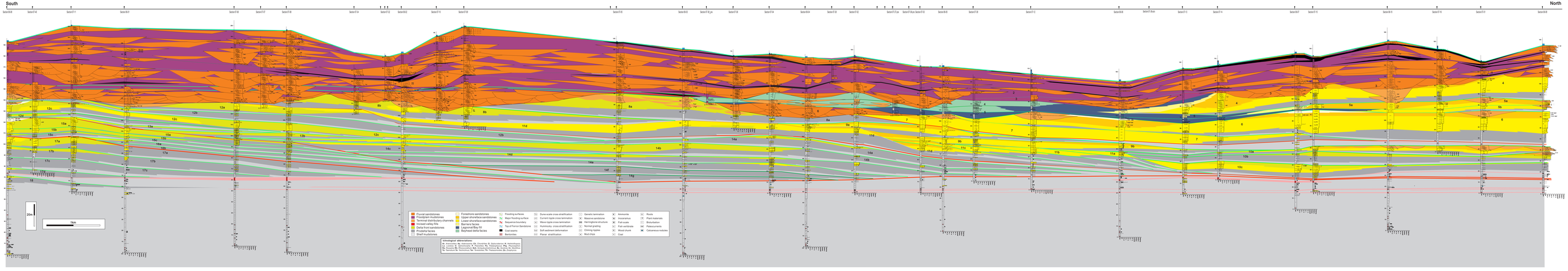APPENDEX A Detailed Regional Correlation