

Publications November 2008

1. Journal articles

1. * Plant, J. A., 1971. Orientation studies on stream sediment sampling for a regional geochemical survey in northern Scotland. Trans. Instn. Min. Metall. Vol. 80: B323-346.
* Awarded the Consolidated Goldfields Premium Prize.
2. Garson, M.S. and Plant, J. A., 1972. Possible dextral movements on the Great Glen and Minch Faults in Scotland. Nat. Phys. Sci. Vol. 240: 31-35.
3. Garson, M.S. and Plant, J. A., 1973. Alpine type ultramafic rocks and episodic mountain building in the Scottish Highlands. Nat. Phys. Sci. Vol. 242(116): 34-38.
4. Plant, J. A. and Colman, R.F, 1973. Application of neutron activation analysis to the evaluation of placer gold concentrations. Geochemical Exploration 1972, Trans. Instn. Min. Metall. 373-381.
5. Plant, J. A., 1973. A random numbering system for geochemical samples. Trans. Instn. Min. Metall. Vol. 82: B63-66.
6. Plant, J. A. and Rhind, D., 1974. Geochemical maps of Great Britain. Geog. Mag., pp. 123-125.
7. Gass, I.G., Neary, C.R. and Plant, J. A., 1975. Comments on "The Troodos ophiolitic complex was probably formed in an island arc" by A. Miyashiro and subsequent correspondence by A. Hynes and A. Miyashiroi. Earth Planet. Sci. Letts. Vol. 25: 236-238.
8. Plant, J. A., 1975. Orientation studies on stream sediment sampling for a regional geochemical survey in northern Scotland. Trans. Instn. Min. Metal, Special Volume: Sampling of Geological Materials.
9. Plant, J. A., Jeffrey, K., Gill, E. and Fage, C., 1975. The systematic determination of accuracy and precision in geochemical exploration data. J. Geochem. Expl. Vol. 4: 467-486.
10. Plant, J. A., Goode, G.C. and Herrington, T.J., 1976. An instrumental neutron activation method for multi-element geochemical mapping. J. Geochem. Expl. Vol. 6: 299-319.
11. Simpson, P.R., Plant, J. A. and Cope, M.J., 1976. Uranium abundance and distribution in some granites from northern Scotland and southwest England as indicators of uranium provinces. Geology, mining and extractive processing of uranium: 126-139.
12. Brown, G.C., Plant, J. A. and Lee, M., 1979. Geochemical and geophysical evidence on the geothermal potential of Caledonian granites in Britain. Nature, Vol. 280: 129-131.
13. Plant, J. A. and Moore, P.J., 1979. Regional geochemical mapping and interpretation in Britain. Phil. Trans. Roy. Soc. London, Vol. B288: 95-112.
14. Simpson, P.R., Brown, G.C., Plant, J. A. and Ostle, D., 1979. Uranium mineralisation and granite magmatism in the British Isles. Phil. Trans. Roy.

Publications November 2008

- Soc., London, Vol. A291: 385-412.
15. Watson, J.V. and Plant, J. A., 1979. Regional geochemistry of uranium as a guide to deposit formation. Phil. Trans. Roy. Soc., London, Vol. A291: 321-338.
 16. Brown, G.C., Cassidy, J., Oxburgh, E.R., Plant, J. A., Sabine, P.A. and Watson, J.V., 1980. Basement heat flow and metalliferous mineralisation in England and Wales. Nature, Vol. 288: 657-659.
 17. Cassidy, J., Brown, G.C. and Plant, J. A., 1980. Correlation of mineralisation, granites and heat production in northern Britain. Geophys. J. Roy. Stron. Soc., Vol. 61: 201.
 18. Plant, J. A., 1980. The collection of geochemical samples. Proc. meeting: The vital role of accurate sampling and sample preparation. Mining J, Vol. 143(3).
 19. Plant, J. A., Brown, G.C., Simpson, P.R. and Smith, R.T., 1980. Signatures of metalliferous granites in the Scottish Caledonides. Trans. Instn. Min. Metall. Vol. 89: B198-210.
 20. Raiswell, R. and Plant, J. A., 1980. The incorporation of trace elements into pyrite during diagenesis of black shales. Yorkshire, England. Econ. Geol., Vol. 75: 684-699.
 21. Thornton, I. and Plant, J. A., 1980. Regional geochemical mapping and health in the United Kingdom. J. Geol. Soc. London, Vol. 137: 575-586.
 22. Brown, G.C., Cassidy, J., Locke, C.A., Plant, J. A. and Simpson, P.R., 1981. Caledonian plutonism in Britain: a summary. J. Geophys. Res. Vol. 86(B11): 10502-10514.
 23. Howarth, R.J., Koch, G.S. Jr., Plant, J. A. and Lowry, R.K., 1981. Identification of uraniferous source rocks on the basis of hydrogeochemical data from the National Uranium Resource Evaluation Program of the United States Department of Energy. Min. Mag. Vol. 44(Dec.1981): 455-470.
 24. Plant, J. A. and Watson, J.V., 1981. Regional geochemistry in relation to the structures in the southwest Highland of Scotland. Geophys. J. Roy. Astron. Soc., Vol. 65(1): 246-248.
 25. Le Bas, M. J., Durham, J. and Plant, J. A., 1983. IGBA and the national geochemical data bank in the UK. Computers and Geosciences, Vol. 9(4): 513-521.
 26. Plant, J. A., Watson, J.V., Simpson, P.R., Green, P.M. and Fowler, M.B., 1983. Metalliferous and mineralised Caledonian granites in relation to regional metamorphism and fracture systems in northern Scotland. Trans. Instn. Min. Metall. Vol. 92: B33-42.
 27. Plant, J. A., 1983. Regional geochemical mapping in Britain; some economic and environmental applications. Mercian Geologist, Vol. 10(2): 75-87.

Publications November 2008

28. Plant, J. A., Watson, J.V. and Green, P.M., 1984. Moine - Dalradian relationships and their palaeotectonic significance. Proc. R. Soc. London, Vol. A395: 185-202.
29. Simpson, P.R. and Plant, J. A., 1984. Role of High Heat Production granites in uranium formation. Uranium geochemistry, mineralogy, geology, exploration and resources: 167-178.
30. Watson, J.V., Fowler, M.B., Plant, J. A. and Simpson, P.R., 1984. Variscan - Caledonian comparisons: Late Orogenic Granites. Proc. Ussher Soc, Vol. 6: 2-12.
31. O'Brien, C., Plant, J. A., Simpson, P.R. and Tarney, J., 1985. Geochemistry, metasomatism and petrogenesis of the Lake District granites. J. Geol. Soc. London, Vol. 142: 1139-1157.
32. Fettes, D.J., Graham, G.C., Harte, B. and Plant, J. A., 1986. Lineaments and basement domains: an alternative view of Dalradian evolution. J. Geol. Soc. London, Vol. 143: 453-464.
33. Plant, J. A. and Slater, D., 1986. Regional geochemistry - potential developments. Trans. Instn. Min. Metall. Vol. 95: B63-70.
34. Brown, G.C., Ixer, R.A., Plant, J. A. and Webb, P.C., 1987. The geochemistry of granites beneath the North Pennines and their role in orofield mineralisation. Trans. Instn. Min. Metall. Vol. 96: B65-76.
35. Fowler, M.B. and Plant, J. A., 1987. REE chemistry of Lewisian hornblende - granulites: implications for crustal differentiation models. Scottish Journal of Geology, Vol. 23(2): 193-202.
36. Gallagher, M.J. and Plant, J. A., 1988. Scotland's golden prospects. British Business.
37. Simpson, P.R., Lalor, G.C., Robotham, H., Hurdley, J., Milowdowski, A.E., Plant, J. A. and Smith, T.K., 1988. New evidence of epithermal gold potential in andesitic volcanics of the Central Inlier, Jamaica. Trans. Instn. Min. Metall. Vol. 97: B88-91.
38. Plant, J. A., Cooper, D.C., Breward, N. and Simpson, P.R., 1989. The distribution of As, Sb and Bi in the Grampian Highlands of Scotland and the English Lake District; implication of gold metallogeny. Minerals Industry International, No. 991: p.32-33.
39. Plant, J. A., Breward, N., Forrest, M.D. and Smith, R.T., 1989. The gold pathfinder elements As, Sb and Bi - their distribution and significance in the southwest Highlands of Scotland. Trans. Instn. Min. Metall. Vol. 98: B91-101.
40. Hall, G.E.M. and Plant, J. A., 1990. Are your REE results total? Explore, Vol. 68: 18-20.
41. Plant, J. A., Breward, N., Simpson, P.R. and Slater, D., 1990. Regional geochemistry and the identification of metallogenic provinces: examples for lead-zinc, barium, tin-uranium and gold deposits. J. Geochemical

Publications November 2008

- Exploration, Vol. 39: 195-224.
42. Hall, G.E.M. and Plant, J. A., 1991. Application of geochemical discrimination diagrams for the tectonic interpretation of igneous rocks hosting gold mineralisation in the Canadian Shield. Chem. Geol. Vol. 95(1992): 157-165.
 43. Plant, J. A., Cooper, D.C., Green, P.M., Reedman, A.J. and Simpson, P.R., 1991. Regional distribution of As, Sb and Bi in the Grampian Highlands of Scotland and English Lake District: implications for gold metallogeny. Trans. Instn. Min. Metall. Vol. 100: B135-147.
 44. Simpson, P.R., Hurdley, J., Lalor, G.C., Plant, J. A., Robotham, H. and Thompson, C., 1991. Orientation studies and a preliminary geochemical dispersion model of Jamaica for multipurpose geochemical mapping of the Caribbean Region. Trans. Instn. Min. Metall. Vol. 100: B98-110.
 45. Stone, P., Green, P.M., Lintern, B.C., Plant, J. A., Simpson, P.R. and Breward, N., 1991. Geochemistry characterizes provenance in southern Scotland. Geology: 177-181.
 46. Hall, G.E.M. and Plant, J. A., 1992. Analytical errors in the determination of high field strength elements and their implications in tectonic interpretation studies. Chem. Geol. Vol. 95(1992): 141-156.
 47. Stone, P., Green, P.M., Lintern, B.C., Plant, J. A. and Simpson, P.R., 1993. Regional geochemical variation across the Iapetus Suture Zone: tectonic implications. Scottish Journal of Geology, Vol. 29(2): 113-121.
 48. Plant, J. A., Hackett, D. and Taylor, B.J., 1994. The role of women in the British Geological Survey. Geology: 151-156.
 49. Plant, J.A., Klaver, G., J., Locutura, R., Salminen, K., Vrana and F.M., Fordyce, 1997. The Forum of European Geological Surveys: Geochemical inventory. J. Geochem. Expl. Vol. 59: 123-146.
 50. Plant, J. A., Stone, P.M., Flight, D.M., Green, P.M. and Simpson, P.R., 1997. The Geochemistry of the British Caledonides: the setting for metallogeny. Trans. Instn. Min. Metall. Vol.106: B67-78.
 51. Cook, P. J. and Plant, J. A., 1998. Recent developments in Exploration Methods. China Mining.
 52. Plant, J. A., 1998. Brownfield Sites. Science in Parliament, pp. 14-15.
 53. Plant, J. A., 1998. Developing Brownfield Sites: Coping with Contamination. The Environmental Scientist, Vol. 7(6 (November/December 1998)): 2-3.
 54. Plant, J. A., Gunn, A. G., Rollin, K. E., Stone, P., Morissey, C. J., Norton, G.E., Simpson, P.R. and Wiggans, G.N., 1998. The MIDAS Project (Multidataset analysis for gold in Europe) - evidence from the British Caledonides. Trans. Instn. Min. Metall. Vol. 107: B77-88.
 55. Plant, J. A., Turner, K.T. and Highley, D.E., 1998. Minerals and the

Publications November 2008

- environment. Mineralogical Society Bulletin, No. 119 July 1998: 3-11.
56. Plant, J. A., Turner, K.T. and Highley, D.E., 1998. Minerals and the environment. Mineral Planning, 77(December 1998): 3-8.
 57. Plant, J. A., Turner, K.T. and Highley, D.E., 1998. Minerals and the environment. Trans. Instn. Min. Metall. Vol. 1(12): B331-336.
 58. Plant, J. A., Baldock, J. W., Haslam, H. W. and Smith, B., 1998. The role of geochemistry in environment and epidemiological studies in developing countries. Episodes, Vol. 21(1): 19-27.
 59. Stone, P., Plant, J. A., Mendum, J. R. and Green, P. M., 1998. A Regional geochemistry assessment of some terrane relationships in the British Caledonides. Scottish Journal of Geology, Vol. 35(2): 145-156.
 60. Plant, J. A., Smith, D., Smith, B. and Williams, L., 2000. Environmental Geochemistry at the Global Scale. J. Geol. Soc. Vol. 157: 837-849.
 61. Plant, J. A., 2001. Chemicals in the Environment. Journal of the Institution of Environmental Sciences, Vol. 10(2): 1-3.
 62. Plant, J. A., 2001. Chemicals in the Environment. Science in Parliament, pp. 8-10.
 63. Plant, J. A., 2001. Earthly pursuits. Chemistry in Britain, pp. 33-34.
 64. Plant, J. A., Smith, D., Smith, B. and Williams, L., 2001. Environmental Geochemistry at the Global Scale. Applied Geochemistry, Vol. 16(11-12): 1291-1308.
 65. Reeder, S., Plant, J. A. and Smith, P.B., 2002. IUGS/IAGC Working Group on Global Geochemical Baselines. Episodes, Vol. 25(No. 4): 286-287.
 66. Plant, J. A., Reeder, S., Salminen, R., Smith, D. B., Tarvainen, T., De Vivo, B. and Petterson, M. G., 2003. The distribution of uranium over Europe: geological and environmental significance. Trans. Instn. Min. Metall. Vol. 112: B221-238.
 67. Stone, P., Breward, N., Merriman, R.J and Plant, J.A., 2004. Regional geochemistry of cryptic geology: variations in trace element distribution across the Southern Uplands terrane, Scotland. Trans. Instn. Min. Metall. Vol. 113, B43-57.
 68. Plant, J. A., Korre, A., Reeder, S., Smith, B. and Voulvoulis N. 2005. Chemicals in the environment: implications for global sustainability. Trans. Instn. Min. Metall. Vol. 114: B65-97.
 69. Fedele, L., Plant, J., De Vivo, B. and Lima, A. In press. The REE distribution over Europe. Geochem. Explor. Envir. Analysis.
 70. Lima, A., De Vivo, B., Plant, J. A., Tarvainen, T., S. Albanese, S. and Cicchella, D. In press. Interpolation methods for geochemical maps: a comparative study using arsenic data from European stream waters. Geochem. Explor. Envir. Analysis.
 71. Colombo, C., Oates, C. J., Monhemius, A. J. and Plant, J. A. In press.

Publications November 2008

- Complexation of platinum, palladium and rhodium with inorganic ligands in the environment. *Geochem. Explor. Envir. Analysis*.
72. McKinlay, R., Plant, J. A., Bell, J. N. B. and Voulvoulis, N., 2008. Endocrine disrupting pesticides: Implications for risk assessment. *Environment International*, Vol. 34, 2, 168-183.
 73. McKinlay, R., Plant, J. A., Bell, J. N. B. and Voulvoulis, N., 2008. Calculating human exposure to endocrine disrupting pesticides via agricultural and non-agricultural exposure routes. *The Science of the Total Environment*, Vol. 398, 1, 1-12.
 74. Pan, J., Oates, C., Ihlenfeld, C., Plant, J. and Voulvoulis, N., 2008. Inorganic substances screening and prioritisation (ISSP) in risk assessment for mining operations. *Mineralogical Magazine*, Vol. 72, 1, 477-481.
 75. Pan, J., *Plant, J.A.* and Voulvoulis, N., 2008. Cadmium levels over Europe: implications for human health. *Critical Reviews in Environmental Science and Technology*.
 76. Pan, J., Oates, C., Ihlenfeld, C., Plant, J. and Voulvoulis, N., 2008. Screening and prioritisation of chemical risks from metal mining operations, identifying exposure media of concern. *Environmental Assessment and Monitoring*.
 77. Colombo C, Plant J A, Monhemius A J, 2007. Impact of vehicle-emitted platinum group elements on the human respiratory and digestive tracts. *Geochim Cosmochim Acta* **71**(15) Aug 2007.
 78. Colombo C., C. J. Oates, A. J. Monhemius & J. A. Plant, 2008. Complexation of platinum, palladium and rhodium with inorganic ligands in the environment. *Geochemistry: Exploration, Environment, Analysis*, **8**(1), 91-101.
 79. Colombo C, Monhemius A J, Plant J A, 2008. The estimation of the bioavailabilities of platinum, palladium and rhodium in vehicle exhaust catalysts and road dusts using a physiologically based extraction test. *Sci Total Environ*, **389**, 46-51.
 80. Claudia Colombo, A. John Monhemius, Jane A. Plant, 2008. Platinum, palladium and rhodium release from vehicle exhaust catalysts and road dust exposed to simulated lung fluids. *Ecotoxicology and Environmental Safety*, **71**(3), 722-730.

2. Conference Proceedings

81. Simpson, P.R., Brown, G.C. and Plant, J. A., 1978. Origin of uranium mineralisation associated with some granites in the British Isles, *Proc. 11th IMA, Novosibirsk*, pp. 4-11.
82. Bowie, S.H.U. and Plant, J. A., 1979. Introductory remarks on geochemistry in discovering ore deposits with particular reference to

Publications November 2008

- uranium. Ahrens (Editor), Second Symposium on the Origin and Distribution of the Elements. Perg. Press. Paris, 1977, pp. 647-648.
83. Brown, G.C., Plant, J. A. and Thorpe, R.S., 1979. Plutonism in the British Caledonides: space, time and geochemistry. Wones (Editor), The Caledonides in the USA. Dept. Geol. Sci. Virginia Polytechnic, Institute and State University, Blacksburg, Virginia, pp. 157-166.
 84. Johnstone, G.S., Plant, J. A. and Watson, J.V., 1979. Caledonian granites in relation to regional geochemistry in northern Scotland. Harris, Holland and Leake (Editors), The Caledonides of the British Isles - reviewed. Spec. Publ. Geol. Soc., London, pp. 663-667.
 85. Johnstone, G.S., Plant, J. A. and Watson, J.V., 1979. Regional geochemistry of the Northern Highlands of Scotland. Harris, Holland and Leake (Editors), The Caledonides of the British Isles - reviewed. Spec. Publ. Geol. Soc., London, pp. 117-128.
 86. Simpson, P.R., Plant, J. A., Watson, J.V., Green, P.M. and Fowler, M.B., 1982. The role of metalliferous and mineralised uranium granites in the formation of uranium provinces, Proc. Symposium on Uran. Geochem. In: Uran. Explor. Methods NEA, Paris, France, pp. 157-168.
 87. Watson, J.V., Fowler, M.B., Plant, J. A., Simpson, P.R. and Green, P.M., 1982. Uranium provinces in relation to metamorphic grades and regional geochemistry, Proc. Symposium on Uran. Geochem. In: Uran. Explor. Methods NEA, Paris, France, pp. 235-247.
 88. Drummond, J., Green, P.M., Jackson, M. and Plant, J. A., 1983. The application of interactive raster graphics to environmental modeling. The annual conference of the American Congress of Surveying and Mapping, Washington DC, pp. 394-401.
 89. Harmon, R.S., Pankhurst, R.J., Plant, J. A. and Simpson, P.R., 1984. Petrogenesis of the Cairngorm Granite, East-Central Grampian Highlands, Scotland, Proc. Conf. Open Magmatic Systems, I.S.E.M. Southern Methodist University, pp. 72-73.
 90. Plant, J. A., Smith, R.T., Stevenson, A.G., Forrest, M.D. and Hodgson, J.F., 1984. Regional Geochemical mapping for mineral exploration in northern Scotland, 6th International Prospecting in areas of glaciated terrain symposium, 17-18 May 1984. Instn. Min. and Metall., Glasgow, Scotland.
 91. Atherton, M.P. and Plant, J. A., 1985. High Heat Production Granites and the evolution of the Andean and Caledonian Continental Margins, In: High Heat Production (HHP) granites, hydrothermal circulation and ore genesis. IMM, pp. 459-478.
 92. Plant, J. A., O'Brien, C., Tarney, J. and Hurdley, J., 1985. Geochemical criteria for the recognition of High Heat Production Granites, High Heat Production (HHP) granites, hydrothermal circulation and ore genesis. IMM, pp. 263-285.
 93. Plant, J. A., 1985. Models for granites and their mineralising systems in the

Publications November 2008

- British and Irish Caledonides, Proc. of a meeting organised by Irish Association for Economic Geology. GCMP, Dublin 1984, pp. 121-156.
94. Plant, J. A. and Stevenson, A.G., 1985. Regional geochemistry and its role in epidemiological studies, Proc. TEMA 5 Workshop Two, The Detection of Anomalies in Trace Element Supply to Animals and Man, Edinburgh.
 95. Plant, J. A., Hale, M. and Ridgway, J., 1988. Developments in regional geochemistry for mineral exploration, Proc. Exploration '87, Toronto, pp. 289-295.
 96. Rowbotham, H., Lalor, G.C., Rattray, R., Thomas, J., Thompson, C., Hurdley, J., Plant, J. A. and Simpson, P.R., 1988. Orientation studies for regional geochemical surveys in Jamaica, Proc. Recent Advances in Caribbean Geology, International Conference to mark the 40th year of the University of the West Indies. Journal of the Geological Society of Jamaica.
 97. Simpson, P.R., Hurdley, J.A., Plant, J. A., Lalor, G.C. and Robotham, H., 1988. Geochemical techniques for agromineral and related studies in Jamaica, Proc. Geosciences in Development Conference, 1988, University of Nottingham.
 98. Plant, J. A., Simpson, P.R. and Tarney, J., 1989. A classification of ore deposits for regional geochemistry, Proc. 13th International Geochemical Exploration Symposium, Rio de Janeiro.
 99. Plant, J. A., Simpson, P.R. and Slater, D, 1989. Regional geochemistry in understanding metallogenic provinces, Proc. 28th International Geological Congress, Washington, D.C., USA.
 100. Simpson, P.R., Hurdley, J., Plant, J. A., Lalor, G.C. and Robotham, H., 1989. Geochemistry for agromineral studies in the Caribbean Region, Proc. 28th International Geological Congress, Washington D.C., USA.
 101. Simpson, P.R., Breward, N., Plant, J. A. and Raiswell, R, 1989. The regional geochemical setting of gold mineralisation in the Dalradian of Scotland. In Gold 89 in Europe, International Symposium on Gold Metallogeny Exploration and Beneficiation, Toulouse, France.
 102. Aggett, P.J., Mills, C.F., Morrison, A., Plant, J. A., Simpson, P.R., Callan, M., Dingwall-Fordyce, I., Halliday, G.F. and Stevenson, A., 1990. A study of environmental geochemistry and health in North East Scotland. In: Thornton (Editor), Geochemistry and Health, Proc. Second International Symposium. Monograph Series Environmental Geochemistry and Health, Science Reviews, Northwood, 1988, pp. 81-91.
 103. Jones, D.G., Plant, J. A., Colman, T.B., Swainbank, I.G. and Merriman, R.J., 1990. Visean-Namurian Shale Basins: their role in the genesis of the S Pennine orefield, Proc. 13th Int. Sedim. Cog., Nottingham, pp. 257-258.
 104. Plant, J. A., Henney, P. and Simpson, P.R., 1990. The genesis of Tin-Uranium granites in the Scottish Caledonides: Implications for metallogenesis. W.S. Pitcher Special Volume of the Journal of the Geological Society, Vol. 25(3 & 4): 431-442.

Publications November 2008

105. Cook, P.J., Plant, J. A. and Reedman, A.J., 1991. The role of the British Geological Survey in mineral exploration: Britain and worldwide, MMAJ Forum 1991, University of London.
106. Henney, P.J., McDermott, C., Plant, J. A. and Simpson, P.R., 1991. Comparison of lithogeochemical and stream sediment geochemical data in Northern Britain, Proc. of the Conference on Prospecting in Areas of Glaciated Terrain. IMM.
107. Jones, D.G., Plant, J. A., Colman, T.B. and Swainbank, I.G, 1991. New evidence for Viséan-Namurian shales as the source of the Pennine mineralisation of England. Pagel and Leroy (Editors), Proc. of the 25 years SGA Anniversary meeting, Nancy. A. A. Balkema, Rotterdam, pp. 309-312.
108. Stone, P., Green, P.M., Lintern, B.C., Plant, J. A. and Simpson, P.R., 1991. Regional geochemistry as an indicator of mineralisation potential in the Southern Uplands of Scotland, Proc. Exploration and the Environment, 9th International Conference, Prospecting in areas of glaciated terrain, BGS. IMM, Edinburgh.
109. Henney, P.J., McDermott, C., Plant, J. A. and Simpson, P.R., 1992. Comparison of lithogeochemical and stream sediment geochemical data for granitic rocks in Northern Britain: implications for petrogenetic, economic and environmental studies, Proc. V. M. Goldschmidt Conference, Reston, USA.
110. Plant, J. A., 1992. Geochemistry in the development of metallogenic models and exploration criteria for SEDEX and MVT base metal deposits, Proc. Modern Research on Ore Genesis, 3rd International Symposium, Seoul, Korea.
111. Plant, J. A., 1992. Regional geochemistry - a basis for development and environmental planning, Proc. Mineral Modern Research on Ore Genesis, 3rd International Symposium, Seoul, Korea.
112. Plant, J. A., Mills, C.F. and Flight, D.M.A., 1993. Regional geochemistry and health in Wales, Proc. Prince of Wales Committee on the Environment & Human Health.
113. Plant, J. A. and Riddler, G.P., 1993. The role of the British Geological Survey (BGS) in the development and application of information technology for the minerals industry, Proc. Technology Management in Industry Conference. MIRO special publication, London.
114. Cook, P.J., Plant, J. A. and Reedman, A.J., 1994. The role of the British Geological Survey in the minerals sector. Roberts (Editor), International Minerals and Metals Technology. MIRO, London.
115. Plant, J. A., et al., 1994. Metalliferous evaporite bitters and the genesis of Red Bed Copper deposits in the Cheshire Basin (abstract). Foster (Editor), Models for Mineral Deposits in Sedimentary Basins: abstract volume. Proc. Economic Geology in Europe and Beyond Conference, Nottingham, pp. 79.
116. Plant, J. A., et al., 1994. Resource potential of Permo-Triassic basins - the

Publications November 2008

- Cheshire Basin Project. Foster (Editor), Models for Mineral Deposits in Sedimentary Basins: abstract volume. Proc. Economic Geology in Europe and Beyond Conference, Nottingham, pp. 74-78.
117. Plant, J. A., Hackett, D. and Taylor, B.J., 1994. The role of women in the British Geological Survey, Proc. International Conference on Geoscience and Education and Training, Southampton University, 1993.
 118. Plant, J. A., Jones, D.G., Shepherd, T.J. and Smith, N.J.P, 1995. Carboniferous shale basins as sources of Pennine ore fluids: implications for MVT ore deposit formation. J, Kribek and Zak (Editors), Proc. SGA Meeting - Mineral Deposits: From their Origin to their Environmental Impacts. A.A. Balkema, Rotterdam, Prague, Czech Republic, pp. 967-970.
 119. Plant, J. A., Colman, T. B. and Cooper, D. C., 1995. Geochemical Exploration and Information Technology, Proc. OUGS National Symposium on Exploration Methods.
 120. Fordyce, F. M., Klaver, G., Loctura, J., Plant, J. A., Salminen, R. and Vrana, K., 1996. The FOREGS Geochemistry Task Group 1994-1996, Proc. Environmental Geochemical Baseline Mapping in Europe Conference, Slovakia.
 121. Plant, J. A., Baldock, J.W. and Fordyce, F.M., 1996. Baseline Geochemical Mapping in the UK, Proc. Environmental Geochemical Baseline Mapping in Europe Conference, Slovakia.
 122. Plant, J.A., Klaver, G., Locutura, J., Salminen, R., Vrana, K. and Fordyce, F.M., 1996. The Forum of European Geological Surveys Geochemistry Task Group 1994-1996. BGS, Nottingham.
 123. Plant, J. A., Stone, P.M. and Green, P.M., 1996. The Geochemistry of the British Caledonides: the setting for metallogeny, Mineralisation in the Caledonides. The Mike Callagher Memorial Meeting. Institution of Mining and Metallurgy, Edinburgh.
 124. Plant, J. A and Saunders, A., 1996. The Radioactive Earth. O'Riordan (Editor), Radiation protection dosimetry - Becquerel's Legacy: a Century of Radioactivity. Nuclear Technology Publishing, London, pp. 25-36.
 125. Simpson, P.R., Flight, D.M.A., Plant, J. A. and Stone, P.M., 1996. Caledonian gold: exploration and economic models and strategies, Mineralisation in the Caledonides. The Mike Callagher Memorial Meeting. Institution of Mining and Metallurgy, Edinburgh.
 126. Darnley, A G. and Plant, J. A., 1997. Environmental Monitoring and Global Change: The Need for Systematic Geochemical Baselines. Xuejin (Editor), Proc. 30th International Geological Congress. VSP, Beijing, China, pp. 85-87.
 127. Darnley, A.G., Plant, J. A. and Garrett, R.G., 1997. Global geochemical baselines: their importance for the mineral industry, Proc. Exploration '97, Toronto.

Publications November 2008

128. Fordyce, F., Plant, J. A., Klaver, G., Locutura, J., Salminen, R. and Vrana, K., 1997. Geochemical Mapping In Europe. Xuejin (Editor), Proc. 30th International Geological Congress. VSP, Beijing, China, pp. 111-125.
129. Koval, P., Darnley, A.G. and Plant, J. A., 1997. Global geochemical reference network and the geochemistry of continents, Proc. Geochemical Mapping and Environmental Protection Conference, Moscow.
130. Plant, J. A. and Jones, D G., 1997. Basin evolution and ore formation: examples from Britain and Ireland. Keynote paper, Proc. 4th Biennial SGA Meeting, Turku, Finland.
131. Plant, J.A., Colman, T.B. and Cooper, D C., 1997. Geochemical Exploration and Information Technology, Proc. OUGS National Symposium on Exploration Methods.
132. Plant, J. A. and Henney, P J., 1997. Granites and their role in ore formation, Proc. Conference in honour of Professor Peter Müller. Springer-Verlag, Potsdam, Germany.
133. Plant, J. A., Gunn, A.G., Morrissey, C., Norton, G., Simpson, P.R. and Stone, P., 1997. The MIDAS project (Multidataset analysis for gold in Europe) Evidence from the British Caledonides. Invited Keynote, Proc. Gold in Europe Conference. IAEG-IMM, Ireland.
134. Colman, T.B., Cooper, D.C., Gunn, A.G., Jones, D.G., Plant, J.A. and Wiggins, G., 1998. Mineral Exploration and Information Technology, Proc. Minerals '98.
135. Plant, J. A., Brown, M.J. and Williams, G.M., 1998. Building on Contaminated Land, Proc. CIRIA Conference "4.4m new homes", Manchester.
136. Plant, J. A., Smith, D., Smith, B. and Williams, L., 1998. Environmental Geochemistry at the Global Scale. Keynote Paper. In: Fuge, Li and Poon (Editors), Proc. First Asia Pacific Symposium on Environmental Geochemistry. Pergamon, Hong Kong.
137. Plant, J. A., Turner, K.T. and Highley, D.E., 1998. Minerals and the environment, Proc. Minerals '98.
138. Plant, J. A. and Smith, B., 2000. The Environment and Human Health. Setting the Research Agenda. Proc. Soil & Environment Meeting, Birmingham.
139. Plant, J.A., Smith, D. and Smith, B., 2000. Global Geochemical Baselines: The sustainability of the Earth's life support systems and human health. Proc. Nordiske Geologiske Vintermote, Trondheim, pp. 136-138.
140. Plant, J.A., 2000. Minerals, Land and the Natural Environment - the Foundation of Wealth. In: Moody, Stoneley, Oldershaw and Larwood (Editors), 'Earth Alert' - the past, present and future of our planet. Extended abstracts. The Geologists' Association, London.
141. Stone, P., Plant, J.A. and Green, P.M., 2000. Regional geochemistry of the

Publications November 2008

- Southern Uplands Terrane, Proc. Peach & Horne Symposium. Scottish Journal of Geology.
142. Plant, J.A., Reeder, S., Salminen, R. and Tarvainen, T., 2001. The Application of Geochemical Baselines to Environmental and Epidemiological Studies, Proc. 11th International Conference on Metals in the Environment, Vilnius, Lithuania.
 143. Plant, J. A., Smith, D., Smith, B. and Williams, L., 2001. Environmental Geochemistry at the Global Scale, Proc. Environmental Science Forum, Seoul, Korea.
 144. Holmes, D.C., Plant, J.A. and Shaw, R., 2002. Radioactive waste management - providing geoscience information to help the people decide, Proc. Environmental Science Forum & Workshop, Seoul, Korea.
 145. Plant, J. A., Korre, A., Reeder, S., Smith, B. and Voulvoulis, N., 2003. Chemicals in the environment: implications for global sustainability. Oral abstract; plenary, 6th International Symposium on Environmental Geochemistry. ISEG, Edinburgh, pp. 13.
 146. Plant, J. A., Demetriades, A., De Vos, W., Klaver, G., O'Connor, P., Ottesen, R-T., Salminen, R., Reeder, S., Siewers, U., Tarvainen, T., de Vivo, B. and De Almeida Farinha, M, 2003. The geochemistry of Europe: some preliminary findings of the FOREGS Geochemical Baselines Project. Oral abstract, 6th International Symposium on Environmental Geochemistry. ISEG, Edinburgh, pp. 31.
 147. Gilucis, A., Gregorauskiene, V., Halamic, J., Heitzmann, P., Jordan, G., Kivisilla, J., Klaver, G., Klein, P. , Lis, J., Locutura, J., Marsina, K., O'Connor, P., Olsson, S A, Ottesen, R-T., Plant, J. A., Reeder, S., Salpeteur, I., Siewers, U., Steenfelt, A. and De Vos, W., 2003. FOREGS geochemical baseline mapping - a new European-wide database and geochemical atlas. Oral abstract, 6th International Symposium on Environmental Geochemistry. ISEG, Edinburgh, pp. 207.
 148. Stone, P., Breward, N., Merriman, R.J. and Plant, J.A., 2003. Variations in trace element distribution across the Southern Uplands terrane, Scotland: the regional geochemistry of cryptic geology. Poster abstract, 6th International Symposium on Environmental Geochemistry. ISEG, Edinburgh, pp. 209.
 149. Berger (Editors), Geology and Health. Oxford University Press.
 150. De Vivo B, Bidovec M, Lima A, Plant J A, Pirc S, Reeder S, Siewers U, Smith B, Frizzo P and Sabatini G. 2004. The chemistry of the surface waters of Europe. 32nd International Geological Congress, Abstracts, Part 2, 1529.
 151. Smith D B, Plant J A and Reeder S. 2004. The IUGS/IAGC working group on Global geochemical baselines: history and progress. 32nd International Geological Congress, Abstracts, Part 2, 1529.
 152. Plant J A, Salminen R, Bidovec M, de Almeida Farinha M, De Vivo B,

Publications November 2008

- Demetriades A, De Vos W, Haugland T, Korre A, Lima A, O'Connor P J, Ottesen R T, Pirc S, Reeder S, Salpeteur I, Siewers U, Smith B, Svecova J and Tarvainen T. 2004. The surface geochemistry of Europe: preliminary findings of the Foregs geochemical baseline study. 32nd International Geological Congress, Abstracts, Part 2, 1530.
153. Salminen R, Ahlsved C, Batista M J, Bidovec M, Demetriades A, De Vivo B, de Vos W, Duris M, Frizzo P, Gilucis A, Gregorauskiene V, Halamic J, Haugland T, Heitzmann P, Jordan G, Kivisilla J, Klaver G, Klein P, Lima A, Lis J, Locutura J, Marsina K, Mazreku A, Mrnkova J, O'Connor P J, Olsson A A, Ottesen R T, Pasieczna A, Petersell V, Pirc S, Plant J A, Reeder S, Sabatini G, Salpeteur I, Sandström H, Schermann O, Siewers U, Steenfelt A, Tarvainen T and Van der Sluys J. 2004. Foregs Geochemical baseline mapping programme - a new European wide database and geochemical atlas. 32nd International Geological Congress, Abstracts, Part 2, 1531-1532.
154. De Vos W, Plant J A, Batista M J, Demetriades A and Korre A. 2004. Preliminary interpretation of European soil data from the Foregs geochemical baseline survey. 32nd International Geological Congress, Abstracts, Part 2, 1532.
155. Plant J A, De Vivo B, O'Connor P, Reeder S, Salminen R, Smith B, Tarvainen T, 2005. A global radioelement baseline for gamma-ray spectrometric data. 20-24 Juin 2005, International Symposium on Uranium Production and Raw Materials for the Nuclear Fuel Cycle - Supply and Demand, Economics, the Environment and Energy security, IAEA-CN-128, p.122-123, Vienne, Autriche.
156. Colombo C, Plant J A, Monhemius A J, 2007. Impact of vehicle-emitted platinum group elements on the human respiratory and digestive tracts. 17th Annual V M Goldschmidt Conference Abstracts, Aug 2007, A183.
3. Book chapters
157. Plant, J. A., 1978. Regional geochemical maps of uranium in northern Scotland. Environmental and economic considerations. Miscell. Paper No. 7. Geol. Soc., London, pp. 21-36.
158. Bowie, S.H. U., Fyfe, W.S., Ostle, D., Plant, J. A. and Simpson, P.R. (Editors), 1979. Theoretical and practical aspects of uranium geology. The Royal Society, London, 198 pp.
159. Plant, J. A., Brown, G.C. and Simpson, P.R., 1982. Signatures of metalliferous granites in the British Isles. In: Maurice (Editor), Uranium in Granites. Geological Survey of Canada, pp. 169-70.
160. Simpson, P.R., Plant, J. A. and Brown, G.M. (Editors), 1982. Uranium mineralogy and the geochemistry of natural radioelements in crystalline rocks. Mineral. Soc, London, 216 pp.
161. Bowie, S.H.U. and Plant, J. A., 1983. Radioactivity in the environment.

Publications November 2008

- Thornton (Editor), Applied Environmental geochemistry. Academic Press, London, pp. 481-494.
162. Plant, J. A. and Raiswell, R., 1983. Principles of environmental geochemistry. Thornton (Editor), Applied Environmental Geochemistry. Academic Press, London, pp. 1-39.
163. Plant, J. A. and Howarth, R.J., 1985. Exploration Geochemistry. P.A. Sabine (Editor), Geochemical and Cosmochemical Research in the United Kingdom: Roy. Soc., London.
164. Plant, J. A., Forrest, M.D., Hodgson, J., Smith, R.T. and Stevenson, A.G., 1986. Regional geochemistry in the detection and modelling of mineral deposits. In: Thornton and Howarth (Editors), Applied Geochemistry in the 1980's. Graham and Trotman, London, pp. 103-139.
165. Plant, J. A., Jones, D.G., Brown, G.C., Colman, T.B., Cornwell, J.D., Smith, K., Smith, N.J.P., Walker, A.S.D and Webb, P.C. 1988. Metallogenic models and exploration criteria for buried carbonate-hosted ore deposits: results of a multidisciplinary study in eastern England. Boissonais and Omenetto (Editors), Mineral deposits within the European Community - studies in economic geology and geochemistry. Springer-Verlag, Berlin, pp. 321-352.
166. Colman, T.B., Cornwell, J.D., Jones, D.G., Plant, J. A., Smith, K. and Walker, A.S.D., 1989. Exploration criteria for Pennine and Irish style mineralisation. Plant and Jones (Editors), Metallogenic models and exploration criteria for buried carbonate-hosted ore deposits: a multidisciplinary study in eastern England. IMM, London.
167. Colman, T.B., Jones, D.G., Plant, J. A. and Smith, K., 1989. Mineral deposit models for Pennine and Irish style mineralisation. Plant and Jones (Editors), Metallogenic models and exploration criteria for buried carbonate-hosted ore deposits: a multidisciplinary study in eastern England. IMM, London.
168. Jones, D.G. and Plant, J. A., 1989. Geochemistry of shales. Plant and Jones (Editors), Metallogenic models and exploration criteria for buried carbonate-hosted ore deposits: a multidisciplinary study in eastern England. IMM, London.
169. Plant, J. A. and Jones, D.G., 1989. Introduction. Plant and Jones (Editors), Metallogenic models and exploration criteria for buried carbonate-hosted ore deposits: a multidisciplinary study in eastern England. IMM, London.
170. Plant, J. A. and Jones, D.G. 1989. Metallogenic models and exploration criteria for buried carbonate-hosted ore deposits: a multidisciplinary study in Eastern England. IMM, London, 101 figs, 2 maps, 12 colour plates, 161 pp.
171. Haslam, H.W. and Plant, J. A. (Editors), 1990. Rock Geochemistry: Guidelines for the acquisition and interpretation of lithochemical data. Part 1: General. Part 2: Sedimentary rocks. BGS, 51 pp.
172. Henney, P.J. and Plant, J. A., 1992. Petrogenetic models of the Cairngorm

Publications November 2008

- Sn-U Granite and implications for granite associated Sn-U deposits (Abstract). In: Foster (Editor), Mineral deposit modelling in relation to crustal reservoirs of the oreforming elements. IMM / BGS, Nottingham.
173. Tarney, J. and Plant, J. A., 1992. Granites as crustal reservoirs of ore forming elements (Abstract). Foster (Editor), Mineral deposit modelling in relation to crustal reservoirs of the oreforming elements. IMM / BGS, Nottingham.
174. Flight, D. and Plant, J. A., 1993. Section on regional geochemistry in Geology of Yell and some neighbouring Islands in Shetland. In: Flinn (Editor), Memoir of The British Geological Survey, Sheet 130 (Scotland).
175. Cook, P.J. and Plant, J. A., 1994. Industrial and construction mineral resources in Europe, Mineral Resources and Sustainable Development: A Workshop. BGS / BRGM.
176. Hale, M. and Plant, J. A. (Editors), 1994. Drainage geochemistry. Handbook of exploration geochemistry, Volume 6. Elsevier, Amsterdam, 766 pp.
177. Henney, P. J., Jones, C. E., Plant, J. A. and Tarney, J., 1994. Petrogenetic modelling and source rocks of the granites. Cairgorm. Haslam and Plant (Editors), Granites, metallogeny, lineaments and rock-fluid interactions. BGS, Nottingham, pp. 178-184.
178. Henney, P. J., Jones, C. E., Plant, J. A. and Tarney, J., 1994. Petrogenetic modelling and source rocks of the granites. The genesis of the Fichtelgebirge granites. Haslam and Plant (Editors), Granites, metallogeny, lineaments and rock-fluid interactions. BGS, Nottingham, pp. 185-192.
179. Henney, P. J., Jones, C. E., Plant, J. A. and Tarney, J., 1994. Petrogenetic modelling and source rocks of the granites. The genesis of the Western Marche granites of the Massif Central. Haslam and Plant (Editors), Granites, metallogeny, lineaments and rock-fluid interactions. BGS, Nottingham, pp. 210-213.
180. Jones, D.G., Plant, J. A. and Colman, T.B., 1994. The genesis of the Pennine mineralization of Northern England and its relationship to mineralization in Central Ireland. Fonbote and Boni (Editors), Sediment hosted Zn-Pb ores. Springer-Verlag, Berlin, pp. 198-218.
181. Plant, J. A., et al., 1994. Diagenesis of the Permo-Triassic infill of the Cheshire Basin and its relationship to Red Bed Copper mineralisation (abstract). Foster (Editor), Models for Mineral Deposits in Sedimentary Basins: abstract volume. Proc. Economic Geology in Europe and Beyond Conference, Nottingham, pp. 74.
182. Plant, J. A., Henney, P. J. and Simpson, P. R., 1994. Geochemistry and petrography of altered rocks and mineralisation. Cairgorm. Haslam and Plant (Editors), Granites, metallogeny, lineaments and rock-fluid interactions. Applied Geochemistry Series. BGS, Nottingham, pp. 215.
183. Plant, J. A., Henney, P. J., Jones, C. E., Simpson, P. R. and Tarney, J.,

Publications November 2008

1994. Geochemistry and petrography of unaltered granites and their host rocks. Cairgorm. Haslam and Plant (Editors), Granites, metallogeny, lineaments and rock-fluid interactions. BGS, Nottingham, pp. 101-104.
184. Plant, J. A. and Smith, D. I., 1994. Geological setting: comparison between Caledonides and Hercynides. Scottish Caledonides. Haslam and Plant (Editors), Granites, metallogeny, lineaments and rock-fluid interactions. BGS, Nottingham, pp. 3-6.
185. Plant, J. A. and Hale, M., 1994. Introduction: The foundations of modern drainage geochemistry. Plant and Hale (Editors), Handbook of Exploration Geochemistry. Expert Series. Elsevier, pp. 3-9.
186. Plant, J. A. and Tarney, J., 1994. Mineral deposit models and primary rock geochemical characteristics. Plant and Hale (Editors), Handbook of Exploration Geochemistry. Expert Series. Elsevier, pp. 11-72.
187. Plant, J. A. and Raiswell, R.W., 1994. Modifications to the geochemical signatures of ore deposits and their associated rocks in different surface environments. Plant and Hale (Editors), Handbook of Exploration Geochemistry. Expert Series. Elsevier, pp. 73-109.
188. Plant, J. A., Henney, P. J., Jones, C. E. and Tarney, J., 1994. Petrogenetic modelling and source rocks of High Heat Production granites. Conclusions. Haslam and Plant (Editors), Granites, metallogeny, lineaments and rock-fluid interactions. BGS, Nottingham, pp. 214.
189. Darnley, A.G., Björklund, A., Bølviken, B., Gustavsson, N., Koval, P.V., Plant, J. A., Steenfelt, A., Tauchid, M. and Xuejing, Xie, 1995. A Global Geochemical Database for Environmental and Resource Management, Recommendations for International Geochemical Mapping, Earth Science Vol. 19. UNESCO, Paris.
190. Haslam, H.W. and Plant, J. A. (Editors), 1995. Granites, metallogeny, lineaments and rock-fluid interactions: a study of granites and associated rocks in the French and German Hercynides and the British Caledonides. Applied Geochemistry Series. British Geological Survey.
191. Plant, J. A., Stone, P., Tarney, J. and Green, P.M., 1995. The geochemistry of Caledonian orogenesis, Inaugural Meeting of Geochemistry Group. Geological Society of London Special Publication.
192. Plant, J. A. and Appleton, J. D., 1995. National geochemical baseline data - relevance to planning and development. Geological Society of London, Environment Group Special Publication.
193. Plant, J. A., Baldock, J.W. and Smith, B., 1996. The role of geochemistry in environmental and epidemiological studies in developing countries: a review. Appleton, Fuge and McCall (Editors), Environmental Geochemistry and Health. Geological Society Special Publication, pp. 7-22.
194. Plant, J. A., Hackett, D. and Taylor, B.J., 1996. The role of women in the British Geological Survey. Stow and McCall (Editors), Geoscience education and training. Joint special publication of the Commission on

Publications November 2008

- Geoscience Education and Training of the International Union of Geological Sciences and The Association of Geoscientists for International Development, AGID Special Publication Series, No 19. A.A. Balkema, Rotterdam, pp. 151-156.
195. Bouchot, V., Braux, C., Carmona, J., Damiao, J., Font, X., Gunn, A.G., Holder, M., Leveridge, B., Locutura, J., Lopez-Pamo, E., Norton, G.E., Ortiz, G., Perez, D., Pinheiro, R., Plant, J. A., Ribera, F., Stone, P., Toznos, F., Viladevall, M. and Zeegers, H., 1998. Gold mineralisation in the Variscan orogenic belt. Gunn and Plant (Editors), Multidataset analysis for the development of metallogenic / economic models and exploration criteria for gold deposits in Western Europe. BGS/European Union, Nottingham, pp. 56-81.
 196. Gunn, A.G., Plant, J. A. and Zeegers, H., 1998. Conclusions and recommendations. Gunn and Plant (Editors), Multidataset analysis for the development of metallogenic / economic models and exploration criteria for gold deposits in Western Europe. BGS/European Union, Nottingham, pp. 115-117.
 197. Gunn, A.G. and Plant, J. A. (Editors), 1998. Multidataset analysis for the development of metallogenic/economic models and exploration criteria for gold deposits in Western Europe. BGS/European Union, 143 pp.
 198. Plant, J. A., Gunn, A.G. and Zeegers, H., 1998. Introduction. Gunn and Plant (Editors), Multidataset analysis for the development of metallogenic / economic models and exploration criteria for gold deposits in Western Europe. BGS/European Union, Nottingham, pp. 1-5.
 199. Plant, J. A., Bouchot, V., Braux, C., Carmona, J., Font, X., Gunn, A. G., Locutura, J., Morrissey, C. J., Pinheiro, R., Ribera, F., Simpson, P. R., Viladevall, M. and Zeegers, H., 1998. Metallogenic models and exploration criteria. Gunn and Plant (Editors), Multidataset analysis for the development of metallogenic / economic models and exploration criteria for gold deposits in Western Europe. BGS/European Union, Nottingham, pp. 85-108.
 200. Salminen, R., Tarvainen, T., Demetriades, A., Duris, M., Fordyce, F.M., Gregorauskiene, V., Kahelin, H., Kivisilla, J., Klaver, G., Klein, H., Larson, J.O., Lis, J., Locutura, J., Marsina, K., Mjartanova, H., Mouvet, C., O'Connor, P., Odor, L., Ottonello, G., Paukola, T., Plant, J. A., Reimann, C., Schermann, O., Siewers, U., Steenfelt, A., Van de Sluys, J., de Vivo, B. and Williams, L., 1998. FOREGS Geochemical Mapping Field Manual. Geological Survey of Finland.
 201. Stone, P., Gunn, A.G., Gallagher, V., Norton, G.E., O'Connor, P.J., Plant, J. A., Rollin, K.E. and Simpson, P.R., 1998. Gold mineralisation in the Caledonic orogenic belt. Gunn and Plant (Editors), Multidataset analysis for the development of metallogenic / economic models and exploration criteria for gold deposits in Western Europe. BGS/European Union, Nottingham, pp. 6-55.

Publications November 2008

202. Colman, T.B., Jones, D.G., McDonald, A.J.W. and Plant, J. A., 1999. Exploration criteria and prospectivity. Plant and Jones (Editors), Development of regional exploration criteria for buried carbonate-hosted mineral deposits: A multidisciplinary study in Northern England. BGS, Nottingham, pp. 133-140.
203. Jones, D.G., Colman, T.B., Bateson, J.H., Plant, J. A., Swainbank, I.G. and Merriman, R.J., 1999. Geochemical investigation of potential source and host rocks for mineralisation. Plant and Jones (Editors), Development of regional exploration criteria for buried carbonate-hosted mineral deposits: A multidisciplinary study in Northern England. BGS, Nottingham, pp. 75-118.
204. Plant, J. A., Jones, D.G. and Haslam, H.W. (Editors), 1999. The Cheshire Basin: evolution, fluid movement and mineral resources in a Permo-Triassic rift setting. BGS, 263 pp.
205. Plant, J. A. and Jones, D.G. (Editors), 1999. Development of regional exploration criteria for buried carbonate-hosted mineral deposits: a multidisciplinary study in northern England. BGS, 198 pp.
206. Plant, J. A. and Jones, D.G., 1999. Introduction. Plant, Jones and Haslam (Editors), The Cheshire Basin: Basin evolution, fluid movement and mineral resources in a Permo-Triassic rift setting. BGS, Nottingham, pp. 1-9.
207. Plant, J. A., Colman, T.B., Holliday, D.W. and Jones, D.G., 1999. Introduction. Plant and Jones (Editors), Development of regional exploration criteria for buried carbonate-hosted mineral deposits: A multidisciplinary study in Northern England. BGS, Nottingham, pp. 1-6.
208. Plant, J. A., Colman, T.B. and Jones, D.G., 1999. Metallogenic models for MVT and SEDEX carbonate-hosted ore deposits. Plant and Jones (Editors), Development of regional exploration criteria for buried carbonate-hosted mineral deposits: A multidisciplinary study in Northern England. BGS, Nottingham, pp. 127-132.
209. Plant, J. A., Stone, P. and Mendum, J.R., 1999. Regional geochemistry, terrane analysis and metallogeny in the British Caledonides. Niogail and Ryan (Editors), Continental Tectonics. The Geological Society, London, pp. 109-126.
210. Plant, J. A., Ball, D.F., Bradley, A.D., Chadwick, R.A., Evans, D.J., Jones, D.G., Kirby, G.A., Milodowski, A.E., Nicholson, R.A., Shepherd, T.J., Smith, N.J.P., Warrington, G. and Wilson, A.A., 1999. Resources of the basin: base metals, industrial minerals, hydrocarbons and groundwater. Plant, Jones and Haslam (Editors), The Cheshire Basin: Basin evolution, fluid movement and mineral resources in a Permo-Triassic rift setting. BGS, Nottingham, pp. 210-239.
211. Plant, J. A., Simpson, P.R., Smith, B.R. and Windley, B.F., 1999. Uranium Ore Deposits - Products of the Radioactive Earth. Burns and Finch (Editors), URANIUM: Mineralogy, Geochemistry and the Environment. Mineralogical Society of America, Washington D.C., pp. 255-319.

Publications November 2008

212. Plant, J. A. and Davis, D.L., 2003. Sources and pathways of endocrine disrupting chemicals (EDCs). Skinner and Berger (Editors), *Geology and Health*. Oxford University Press.
 213. Plant, J. A., Kinniburgh, D.G., Smedley, P.L., Fordyce, F.M. and Klinck, B., 2003. Chapter 9.02: Arsenic and Selenium. Holland and Turekian (Editors), *Treatise on Geochemistry*. Elsevier, Amsterdam, pp. 17-66.
 214. Plant, J. A., Smith, D., Smith, B. and Reeder, S., 2003. *Environmental Geochemistry on a Global Scale*. Skinner and Berger (Editors), *Geology and Health*. Oxford University Press.
 215. Salminen, R., Plant, J. A. and 25 others, 2005, *The Geochemical atlas of Europe – part one*. Geological Survey of Finland, Espoo.
 216. Plant J. A., Whittaker A., Marsina K. and de Vivo B., 2005 *The Geological and Tectonic Framework of Europe*. *The Geochemical atlas of Europe – part one*. Geological Survey of Finland, pp. 23-43.
4. BGS geochemical atlases (principal author of the series 1978-1990 and direction of the series 1992-2000)
217. 1978. *Regional Geochemical Atlas of Orkney*. Regional Geochemical Atlas. Institute of Geological Sciences, London.
 218. 1978. *Regional Geochemical Atlas of Shetland*. Regional Geochemical Atlas. Institute of Geological Sciences, London.
 219. 1979. *Regional Geochemical Atlas of South Orkney and Caithness*. Regional Geochemical Atlas. Institute of Geological Sciences, London.
 220. 1982. *Regional Geochemical Atlas of Sutherland*. Regional Geochemical Atlas. Institute of Geological Sciences, London.
 221. 1983. *Regional Geochemical Atlas of Hebrides*. Regional Geochemical Atlas. Institute of Geological Sciences, London.
 222. 1987. *Regional Geochemical Atlas of Great Glen*. Regional Geochemical Atlas. British Geological Survey, Nottingham.
 223. 1990. *Regional Geochemical Atlas of Argyll*. Regional Geochemical Atlas. British Geological Survey, Nottingham.
 224. 1992. *Regional Geochemical Atlas of the East Grampians Area*. Regional Geochemical Atlas. British Geological Survey, Nottingham.
 225. 1992. *Regional Geochemical Atlas of the Lake District and adjacent areas*. Regional Geochemical Atlas. British Geological Survey, Nottingham.
 226. 1993. *Regional Geochemical Atlas of Southern Scotland and part of Northern England*. Regional Geochemical Atlas. British Geological Survey, Nottingham.
 227. 1996. *Regional Geochemical Atlas of North-East England*. Regional Geochemical Atlas. British Geological Survey, Nottingham.

Publications November 2008

228. 1997. Regional Geochemical Atlas of North-West England and North Wales. Regional Geochemical Atlas. British Geological Survey, Nottingham.
229. 2000. Regional Geochemical Atlas of Wales and part of west-central England: stream sediment and soil. Regional Geochemical Atlas. British Geological Survey, Nottingham.
230. 2000. Regional Geochemical Atlas of Wales and part of west-central England: stream water. Regional Geochemical Atlas. British Geological Survey, Nottingham.

5. Other BGS publications

231. Plant, J. A., Ostle, D. and Miller, J., 1983. Natural levels of uranium in Britain, economic and environmental significance. Research report*. Rep. Instn. Geol. Sci., Vol. 83(1): 32-39.
232. Plant, J. A., 1984. Regional Geochemical maps of the United Kingdom, NERC Journal Vol. 3 (4), pp. 5-7.
233. Plant, J. A., 1989. Inorganic geochemistry, Chemistry in the sciences of the natural environment, A Review. NERC special publication.
234. Plant, J. A., 1990. Introduction. In: Rock Geochemistry: Guidelines for the acquisition and interpretation of litho-geochemical data, British Geological Survey Technical Report WP/90/1, Nottingham.

6. Reports

235. Plant, J. A., 1970. Distribution of gold in alluvium of Strath Halladale, Sutherland, Report for Sutherland County Council.
236. Plant, J. A. and Goode, G C, 1972. Neutron activation analysis in exploration for noble metals, International Atomic Energy Agency Report.
237. Plant, J. A., Goode, G C and Carpenter, R, 1976. Epithermal neutron activation for determination of platinum group metals in exploration samples, International Atomic Energy Agency Report.
238. Plant, J. A. and Thornton, I, 1980. Epidemiology for geochemists, Report for the Royal Society working party on Environmental Geochemistry and Health, Part 1.
239. Plant, J. A. and Thornton, I, 1980. Geochemical aspects of the rock-soil-plant-animal relationship: regional geochemical mapping and health in the United Kingdom, Report for the Royal Society working party on Environmental Geochemistry and Health, Part 2.
240. Plant, J. A. and Jones, D. G., 1986. Metallogenic models and exploration criteria for buried carbonate-hosted ore deposits: results of a multidisciplinary study in eastern England, EEC Contract No. MSM-90-UK(H). BGS, Nottingham, 2 vols.

Publications November 2008

241. Plant, J. A. and David, C, 1989. Lithochemical investigations on the Joburke Gold Property, Keith Township, Porcupine Mining Division, Ontario, Report for Noranda Exploration Co Ltd. 11 p, 110 figs.
242. Bolviken, B., Demetriades, A., Hindel, R., Loctura, J., O'Connor, P., Ottesen, R.T., Plant, J. A., Ridgway, J., Salminen, R., Salpeteur, I., Schermann, O. and Volden, T., 1990. Geochemical mapping of Western Europe towards the year 2000, NGU report 98-106, 12 p., 9 appendices.
243. Plant, J. A. and Ridgway, J, 1990. Inventory of geochemical surveys of Western Europe. Geochemical Mapping of Western Europe towards the year 2000. Norges Geologiske Undersokelse Report 90-105, WECS Working Group on Regional Geochemical Mapping.
244. Plant, J. A., Morteani, G, Poty, B and al, 1990. Metallogeny related to granite-sediment fluid interactions and lineaments in the Caledonides and Hercynides, Report for the Commission of the European Communities, 184 p, 120 figs.
245. Plant, J. A., 1993. The role of the British Geological Survey in the Minerals Industry, Report to the DTI.
246. Reeder, S., Bidovec, M., Darnley, A., Demetriades, A., Duris, M., Govil, P., Gregorauskiene, V., Grosz, A., Hall, G., Hindel, R., Kaminari, M., Klein, P., Lima, A., Locutura, J., Marsina, K., O'Connor, P., Ottesen, R-T., Petersell, V., Plant, J. A., Salminen, R., Salpeteur, I., Sandstrom, H., Smith, D., Tarvainen, T., De Vos, W., de Vivo, B. and Walraven, N., 2000. IUGS/IAGC Working Group on "Global Geochemical Baselines" and Forum of European Geological Surveys "Geochemistry" Working Group. Progress Report September 1999 - November 2000. Minutes and Future Plans, BGS Technical Report IR/00/69.

7. Royal Commission on Environmental Pollution and other Government Reports

Office of Science & Technology

247. Plant, J. A., 1997. Minerals, Land and the Natural Environment - the Foundation of Wealth, Technology Foresight: Progress through partnership. Natural Resources & Environment. Office of Science & Technology.
248. Plant, J. A., 1997. Vision statement and key recommendations (contribution), Technology Foresight: Progress through partnership. Natural Resources & Environment. Office of Science & Technology.

Royal Commission on Environmental Pollution (RCEP)

249. 2001. The Royal Commission on Environmental Pollution 22nd Report. 'Energy – the changing climate.'
250. 2002. The Royal Commission on Environmental Pollution 23rd report: 'Environmental Planning'.

Publications November 2008

251. 2002. The Royal Commission on Environmental Pollution: 'The Environmental Effects of Civil Aircraft in Flight'. Special report.
252. 2003. The Royal Commission on Environmental Pollution 24th report: 'Chemicals in products: Safeguarding the environment and human health'.
253. 2004. The Royal Commission on Environmental Pollution 25th report. 'Turning the Tide – Addressing the Impact of Fisheries on the Marine Environment.'
254. 2005. The Royal Commission on Environmental Pollution Special Report: 'Crop Spraying and the Health of Residents and Bystanders'.
255. 2007. The Royal Commission on Environmental Pollution 26th report: 'The Urban Environment'.

Advisory Committee on Hazardous Substances (ACHS)

256. 2003. Advisory Committee on Hazardous Substances (ACHS) Sixth Annual Report 2001-2002. Defra Publications (Department for Environmental Food & Rural Affairs).
257. 2004. Advisory Committee on Hazardous Substances (ACHS) Seventh Annual Report 2002-2003. Defra Publications (Department for Environmental Food & Rural Affairs).

8. Science in society / public understanding of science

258. Plant, J. A. and Haslam, H.W., 1999. The Geological Environment - Links with the human dimension, Earthwise 13, pp. 6-7.
259. Plant, J. A., 2000. Your Life in Your Hands. Virgin Books, London. Third edition, 2007.
260. Plant, J. A. and Tidey, G., 2003. Understanding, preventing and overcoming osteoporosis. Virgin Books, London.
261. Plant, J. A., 2004. Prostate cancer: Understand, prevent and overcome. Virgin Books, London. Second edition 2007.
262. Plant, J. A. and Stephenson, J., 2008. Beating Stress, Anxiety and Depression. Piatkus, London..