

CURRICULUM VITAE

1. PERSONAL DETAILS

NAME PLANT, Jane Ann

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Until February 28 2005

STATUS Married – three children

DATE OF BIRTH 1 February 1945

AGE 59

NATIONALITY British

2. EDUCATION AFTER SCHOOL

1963-1967 University of Liverpool
1973-1977 University of Leicester (Part-time PhD while working at the British Geological Survey (BGS))

3. ACADEMIC QUALIFICATIONS

1966 BSc, Geology (Ordinary with distinction)
1967 BSc Honours, Geology (special geochemistry), Class 1
1977 PhD, Geochemistry

4. SENIOR POSITIONS

2000 – 2005 Chief Scientist, British Geological Survey (BGS) (Natural Environment Research Council)

- 2001 - Professor of Geochemistry (Department of Environmental Science & Technology (DEST) & the Department of Earth Sciences & Engineering (DESE)), Imperial College London
- 2000-2002 Chief Scientist, Head of Geoscience Resources and Facilities Directorate (GRDF).
- 1990-2000 Assistant Director (AD), Minerals, Environment & Geochemical Surveys Division (MEGSD).
- 1995-1997 Deputy to Director, BGS
- 1989-1990 Head, of Applied Geochemistry Group.
- 1988-1989 Sabbatical year to work in industry in North America. Vice President of Middleton Exploration (40 employees).
- 1983 Senior Principal Scientific Officer (Individual Merit Promotion). To research the geochemistry of the British Caledonides in relation to their geological and metallogenic evolution.

5. PRIZES, HONOURS AND AWARDS

- 2003 Honorary Degree from Kingston University for services to Environment and Earth Sciences
- 2002 Fellowship of the Royal Society of Edinburgh
- 2001 Honorary Doctorate of the University of Exeter for services to Earth Sciences
- 2000 Fellowship of the Royal Society of Arts
- 1999 Freeman of the City of London
- 1999 Lord Lloyd of Kilgerran Award of the Foundation of Science & Technology for the application of science and technology for the benefit of society (previous winners include Tim Berner-Lee, inventor of the world wide web and Ian Wilmut, creator of Dolly the Sheep)
- 1997 CBE for Services to Earth Sciences
- 1997 Honorary Doctorate of the Open University (for academic and scholarly distinction)
- 1985 Murchison Fund of the Geological Society
- 1971 Consolidated Goldfields Premium Award
- 1967 Liverpool and Manchester Geological Society Prize

6. OTHER SENIOR APPOINTMENTS AND TEMPORARY POSTS

- 2003 Honorary Research Fellow of the Macauley Institute
- 2003 United Kingdom Nirex Limited

7. PROFESSIONAL ASSOCIATIONS AND MEMBERSHIP OF LEARNED SOCIETIES

Water Bailiff and Member of the Worshipful Company of Water Conservators
 Fellow of the Institution of Materials, Minerals and Mining (FIMMM)
 Fellow of the Geological Society (FGS)
 Fellow of the Association of Exploration Geochemists (AEG)

Fellow of the Royal Geographical Society (RGS)
Honorary Research Fellow of the Macaulay Institute, Aberdeen
Chartered Engineer (CEng)
Chartered Geologist (CGeol)
Member of the Mineralogical Society (MinSoc)
Member of the Society of Environmental Geochemistry & Health (SEGH)
Member of Society for Geology Applied to Mineral Deposits (SGA)
Member of the Irish Association of Exploration Geochemists (IAEG)

8. OTHER APPOINTMENTS AND TEMPORARY POSTS

2003 Technical Advisor to the International Atomic Energy Agency panel on Natural Background of Radioactivity associated with Uranium deposits.

2001 - President of the Institution of Mining & Metallurgy

2001 - Member of the Council of the Parliamentary and Scientific Committee

2001 - Member of the All-Party Parliamentary Group for Earth Sciences

2001 - Chairman of the DEFRA Advisory Committee on Hazardous Substances

2001 - Member of the Chemical Stakeholder Forum

2001 Tetelman Fellowship at Yale University

1999 - Member of the Royal Commission for Environmental Pollution

1997-2003 Visiting Professor, University of Nottingham, School of Chemical, Environmental and Mining Engineering

1993 - Visiting Professor, University of Liverpool, Department of Earth Sciences

1992-94 Distinguished lecturer for Association of Exploration Geochemists

1988-89 Vice President Middleton Exploration Services Inc, Canada and a Director of Glen Auden Resources plc (sabbatical year to work in industry)

1985-87 Visiting Professor of Economic Geology, University of Strathclyde

1985 Visiting Professor, University of Berne, Switzerland

9. COMMITTEES, LEARNED SOCIETIES, ACADEMIC ACTIVITIES AND SOME MAJOR INTERNATIONAL MEETINGS

9.1. LEARNED SOCIETIES

2003 Member of Institute of Materials, Minerals & Mining Council and Management Board

2002 Associate Editor, 'Episodes', the journal of the International Union of Geological Sciences

2001 - President, IMM

2000-2001 President Elect IMM

2000 - Councillor, International Union of GeoSciences

1999 - Vice President, IMM

1999 - IMM Council Member (Vice Chairman, Library and Information sub-committee)

- 1998-2001 Member of Council, Minerals Industry Research Organisation
- 1998 - Member, Awards Committee of the Geological Society
- 1997 - Honorary Advisory Committee member, Society for Geology Applied to Ore Deposits
- 1997-2001 Associate Editor “Episodes”, the journal of the International Union of Geological Sciences
- 1995 - Member, Geological Society Working Group on Women Geologists
- 1992-1994 Member Council of the Institution of Mining and Metallurgy
- 1992-1994 Distinguished Lecturer of Association of Exploration Geochemistry, (world-wide remit to deliver lectures with funding from the Association)
- 1986-1988 Member, Council of the Geological Society
- 1985-1989 Associate Editor, Applied Geochemistry
- 1985-1987 Member, Promotions Board, Geological Society, London
- 1982-1999 Member, Editorial Board of the Institution of Mining and Metallurgy.
- 1982 Member, Mineralogical Society Geochemistry Sub-Committee
- 1981 Convenor of Mineralogical Society meeting on Uranium Mineralogy and the Geochemistry of Natural Radioelements in Crystalline Rocks
- 1980-1983 Member, Council of Mineralogical Society
- 1977-1982 Sub-editor for geochemistry; Mineralogical Abstracts
- 1977-1987 Member of the Geochemistry and Cosmochemistry Sub-Committee of the Royal Society
- 1974-1981 Treasurer, Geochemistry Group Committee of the Mineralogical Society

9.2. Government and National Committees other than as stated under 6

- 1999-2000 Member of Foresight panel on Energy and Natural Environment
- 1999 - Member of OST/Research Assessment Exercise 2001 Earth & Environmental Sciences
- 1999 - Member of Tomorrow Project – A 3-year programme of research and consultation about people’s lives by 2020
- 1998-2001 Member of DTI LINK/TCS Board
- 1998 - Member of Parliamentary & Scientific Committee
- 1998-2001 Associate of The Conservation Foundation (Chairman, David Bellamy)
- 1998-2003 Member of Science Panel, National Museums and Galleries of Wales
- 1997 Leader of NERC-MRC Environment & Health Initiative
- 1997 - Member of NERC URGENT Thematic Programme Steering Committee
- 1997 Chairman, OST, Environment Means Business, Conference, London
- 1996-1999 Member of OST Natural Resources & Environment (NRE) Technology Foresight Panel
- 1996 - Co-chairman of the OST NRE Sustainable Resource & Environment Management Sub-Group
- 1996 - Member of OST Health & Life Sciences Technology Foresight Panel
- 1996 -1999 Member of Organising Committee, CBI UK Minerals ’98 Event
- 1996 - Member, Parliamentary Minerals Group
- 1996 Co-organiser and Panel Chairman, UK Minerals Industry Forum
- 1996 Contribution on Draft Statutory Guidance on Contaminated Land, London

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| 1995 | Member, NERC Environmental Diagnostics sub-committee |
| 1994-2000 | Member, CBI Minerals Committee |
| 1993-1996 | Member, DTI Mineral Resources Investigation Review Committee |
| 1987 | Member, NERC Deep Drilling Working Party |
| 1987 | Member, NERC Chemistry Review Panel |
| 1980-1982 | Member of the Royal Society Ordnance Survey Scientific Committee. |
| 1979-1982 | Member, Royal Society working group on Environmental Geochemistry and Health. |

9.3. Some other academic and international activities

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| 2004 | Member of Scientific and Management Audit of the National Environmental Council Centre for Ecology and Hydrology |
| 2004 | Co-Convenor of two Geochemistry Sessions, International Geological Conference, Florence |
| 2003 | External PhD examiner, Bristol University |
| 2003 | External PhD examiner, University of Surrey |
| 2000-2002 | Member of Advisory Board of The Science in the Total Environment (STOTEN) |
| 2000 | Member of committee reviewing Australian captive research centre on landscape evolution |
| 2000 | Leader of interpretation team for FOREGS geochemical mapping programme |
| 2000 | Member of Editorial Board for the Journal of Applied Earth Observation and Geoinformation |
| 1999 - | Member of editorial board of International Journal of Applied Earth Observation and Geoinformation |
| 1999-2003 | Reviewer / panel member on EU 5 th Framework Programme |
| 1999 - | Member of Appointment Committee for Professor of Earth Sciences, University of Trondheim, Norway |
| 1999 | Member of UNESCO International Union of GeoScientists (IUGS) Strategy Group |
| 1999 | Member of international panel of experts to evaluate report on Kakadu National Park, on behalf of the International Council of Science |
| 1998 - | Member of organising committee of 2 nd Conference on Environmental Geochemical Baseline Mapping in Europe, September 1999, Vilnius |
| 1998-2002 | External Examiner, Lancaster University |
| 1998 - | Member of Advisory Panel for Centre for Earth & Environmental Science Research, Kingston University |
| 1997 | Member of Individual Merit Panel for scientist of Norwegian Geological Survey |
| 1997 | External Examiner, PhD, Wageningen, Holland |
| 1997 | External Examiner, MSc course, University of Cape Town |
| 1996 - | Honorary President of the Environment Society, Nottingham University |
| 1996 | Member of appointment panel for Professor of Economic Geology, Trondheim, Norway |
| 1996 | External examiner, University of Helsinki |

- 1996 Leader of the Scientific Committee for, Environmental Geochemical Baseline Mapping in Europe, Conference, Slovakia
- 1996 Co-convenor, AEG International Workshop on Legislative uses of Geochemical Baseline Data for Sustainable Development, Norway
- 1995-1998 External examiner, University of Leicester
- 1995 Chairman of session on sediment-hosted ore deposits, international SGA meeting, Prague
- 1995 Advisor on Geochemistry Course, Hull University
- 1995 - Co-Leader, International Geological Correlation Programme (IGCP) Project 360, Global Geochemical Baselines; now International Union Geosciences/International Association Geochemistry and Cosmochemistry Continental Geochemical Baselines Programme (adopted by UN committee on land resources)
- 1995-1997 Chairman, Forum of European Geological Surveys (FOREGS) Geochemistry Task Group
- 1994-1997 Referee of proposals on Training and Mobility for Researchers, EU programmes (1994-1998)
- 1994 - Member of panel of referees of European Science Foundation concerned with economic geology
- 1994 Co-chairman (with head of London Metal Exchange), of Mining & Metal Agency of Japan (mineral resources section of MITI, Japan) MMAJ Forum'94 on the global minerals market, London
- 1991-1994 External Examiner, MSc Course, University of Leicester
- 1991 Co-convenor with Professor Bjorklund, Finland, of session on Environmental Geochemistry and Health, International Symposium on Environmental Geochemistry, Uppsala
- 1989 Ontario Geological Survey: member of review team on the Minerals and Geochemistry Programmes
- 1989-1994 Co-ordinator of EU countries activities for IGCP 259 (World Geochemical Atlas)
- 1989-1995 Member of Western European Geological Surveys (WEGS) programme to prepare Geochemical Maps of Western Europe
- 1988-1993 Member of Steering Group of IGCP 259 (World Geochemical Atlas)
- 1988-1993 Member of Field Methods Committee, IGCP 259
- 1987 Co-Chairman, Anomaly Selection Criteria Workshop at 12th International Geochemical Exploration Symposium, Orleans, France
- 1985 Chairman. Regional geochemistry session at 11th International Geochemical Exploration Symposium, Toronto, Canada
- 1985 Co-convenor, Royal Society Discussion Meeting on Environmental Geochemistry
- 1983 United Kingdom representative on Geochemical Exploration Working Group of International Association of Geochemistry and Cosmochemistry
- 1982 Chairman, Litho geochemistry Session, 9th International Geochemical Exploration Symposium, Saskatchewan, Canada
- 1982 Consultant to Finnish Geological Survey with Professor W S Fyfe FRS on Interpretation of Geochemical Data
- 1974-1978 Member of International Working Group on Global Exchange and Processing of Information (GEPIC) (IGCP project No. 154. National correspondent for 'GEPIC' and 'IGCP' project No. 154

10. INVITED LECTURES/LECTURE SERIES/PRESENTATIONS

British and overseas universities and research institutes including: the Hatfield Lecture, Sheffield; the Horstmann Lecture, Bristol University; the Goldschmidt lecture, Trondheim, Norway; the Norwegian Geological Survey; the University of Turku and the University of Helsinki, Finland; Geological Survey of Denmark & Greenland, Copenhagen; the Free University and the Technical University, Berlin; the University of the West Indies, Jamaica; University College Dublin and University College Galway; the Universities of Berne and Zurich, Switzerland; the Geological Survey of Canada; the Ontario Geological Survey, Canada; the United States Geological Survey; the Geoinstitute, Belgrade; the Hahn Meitner Institute, Berlin; Eidgenossische Technische Hochschule (ETH), Zurich; the University of Aveiro, Portugal; Commonwealth, Scientific & Industrial Research Organisation, Sydney and Perth; Bureau de Recherches Geologiques et Minieres, France; BGR, Hannover; Institute of Geology, Chinese Academy of Sciences, Beijing; Beijing University; Geological Surveys of Zimbabwe; Geological Survey of South Africa; Cape Town University; KIGAM, Taejon, Korea; Seoul National University, Korea; University of Perth, Australia; University of Toronto; Wyndhoek University, Namibia;

In addition, more than forty lectures were presented internationally as part of the AEG Distinguished Lectureship.

Imperial College (many), University College, Bedford and Royal Holloway New College and Chelsea College, London, Liverpool (many), Oxford, Oxford Brookes, Cambridge, Edinburgh, Birmingham, Bristol, Hull, Leicester (several), Nottingham (several) and Leeds Universities; the Atomic Energy Research Establishment (AERE), Harwell; select committees of the House of Lords; the Prince of Wales Committee; learned societies including the Royal Society of Edinburgh and the Royal Society; Royal Museum of Scotland, Edinburgh; Macaulay Land Use Research Institute, Scotland; National Radiological Protection Board, Harwell.

Keynote Lecture, International meeting on the environment, Hong Kong; Invited keynote paper on geochemistry of gold deposits, AEG International Symposium on Geochemical Exploration, Prague; Keynote address on Regional Geochemical Exploration, Exploration '87 Symposium, Toronto, Canada (Chair of Session); Keynote address on the geochemical classification of metalliferous granites, SGA-EEC Meeting, Aachen, West Germany.

Recent invited lectures include: to deliver the distinguished lecture of the Royal Society of Chemistry (2005), the Tercentennial Tetelman Lecture (Yale University 2001); Ireland, Moscow and Irkutsk; Turku, Finland; Vail, Colorado; Oxford University; Toronto; Potsdam, Germany; and Kazakhstan; Morocco (representatives from most government departments), Parliamentary & Science Committee.

11. OTHER LINKS WITH USER COMMUNITY

Professional and trade associations including the Institute of Quarrying, Minerals Industry Research Organisation; British Association for Construction Minerals Industries; Mining Association of Great Britain; Soil and Groundwater Technology Association and the Chemical Industries Association; Royal Institution of Chartered Surveyors; Eurometaux, International Atomic Energy Agency, relevant sections of DTI, DEFRA, MoD, DoH; many staff of UK, International and European-based companies, universities and geological survey organisations.

12. PUBLIC UNDERSTANDING OF SCIENCE

Internet Conference on behalf of OST; lecture for SET '97 week; two presentations to the British Association for the Advancement of Science; two television programmes for the Open University; articles/reference in magazines and newspapers including RTZ in-house magazine; Times Higher Educational Supplement; Daily Telegraph; Times; BBC and BBC World Service. Lectures averaging 50 a year to amateur societies and adult education groups.

13. POPULAR SCIENCE BOOKS¹

Plant, J.A. 2000. *Your Life in Your Hands*. Virgin. Sales >4 million worldwide, translated into 15 languages Second edition 2003.
Plant, J.A. & Tidey, G. 2001. *The Plant Programme*. Virgin Books.
Plant, J.A. & Tidey, G. 2003. *Understanding, Preventing and Overcoming Osteoporosis*. Virgin Books.
Plant, J.A. 2004. *Prostate Cancer: Understand, Prevent and Overcome*. Virgin Books.

¹ Royalties from these books are set aside to provide small travel grants etc for students working on appropriate projects. .

Publications October 2004

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.*

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- 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.

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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 orefield 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

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- 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 Beward, 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

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- 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.
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