BRITISH SOLOMON ISLANDS PROTECTORATE

(1) Mining Engineer/Geologist

To undertake detailed geological mapping and supervise diamond drilling and prospecting operations in connection with an aerogeophysical survey ground follow up programme. To give some training to the Melanesian staff and to assist with the administration of various aspects of the local mining ordinance if mining interest develops.

The qualifications required are a degree in geology or mining engineering with mineral exploration training, preferably at the Royal School of Mines. Experience of diamond drilling and detailed geological prospecting using geophysics and geochemistry. Knowledge of and preferably experience in general mining methods and practice.

RC 218/27/02

(2) Geophysicist/Geologist

To direct in the field magnetic and electro magnetic surveys of targets revealed by aerogeophysical survey, involving patient instruction and supervision of Melanesian assistants. To check and supervise a routine seismological station operation with a view to improving local service. Must be prepared to work in the field under canvas.

The qualifications required are a degree in geology with geophysics and experience of geophysical prospecting and mineral search methods together with a sound basic knowledge of fundamental seismology. Experience of diamond core drilling an advantage but not essential.

RC 218/27/03

Applicants for either of the above posts should be willing to go anywhere in the islands, but the likely posting on arrival will be Honiara. The ability to get along with others and to rough it in clean jungle is important. Applicants must be male, nationals of the United Kingdom or Republic of Ireland and preferably under 35 years, although older active men will be considered. Salary £1,104-£2, 230 per annum according to post graduate experience. Contract appointment with gratuity for two tours of approximately two years each. Free passages. Paid leave. Children's education allowances. Free Medical attention.

Please apply, quoting appropriate reference number and giving full names, age, qualifications and experience to :---

THE APPOINTMENTS OFFICER, MINISTRY OF OVERSEAS DEVELOPMENT, Room 301, Eland House, Stag Place, Victoria, London S.W. 1.

FOSSILS

WANTED Good specimens of Trilobites, Graptolites, Echinoids, Crinoids, Brachiopods, Lamellibranchs, Cephalopods to be purchased. For further details apply Schools Service Officer for Geology, National Museum of Wales, Cardiff.

TANZANIA (TANGANYIKA) GEOLOGISTS

MINISTRY OF INDUSTRY, MINES AND POWER

To carry out regional geological surveys of metamorphic and igneous terrain together with preliminary investigations of economic deposits.

Applicants must have a 1st or good 2nd Class Honours degree in Geology with emphasis on metamorphic rocks and/or structural geology. Previous experience is desirable but not essential. Experience in economic geology also advantageous.

Candidates must be male, nationals of the United Kingdom or the Republic of Ireland and preferably between 24 and 45 years. Salary £1,179 to £2,448 per annum according to post-graduate experience but total emoluments are subject to an *increase of about* $12\frac{1}{2}$ %, details of which will be available before appointment is effected. Gratuity, free passages. Generous children's education allowances. Paid leave. Free medical attention. One or two tours of 21–27 months on contract.

Please apply giving full names, age, qualifications and experience and quoting RC 218/173/02 to :—

The Appointments Officer, MINISTRY OF OVERSEAS DEVELOPMENT, Room 301, Eland House, Stag Place, Victoria, London, S.W. 1.

GEOLOGICAL PUBLICATIONS OFFICER

FEDERATION OF NIGERIA

Duties: To edit and prepare geological publications for the printer, to systematize and bring up to date the publications work of the Geological Survey and to train young Nigerian Officers in the discipline of producing high standard publications embodying the results of their own work.

Qualifications: Long experience of official geological survey work. Previous specialization in the preparation of publications an advantage.

Age : Not critical. Retired officer of a Geological Survey might be considered.

Duration of Appointment : For two years under contract.

Emoluments : Basic salary £2,500 per annum (subject to British Income Tax) plus generous tax-free overseas allowance. All emoluments paid by British Government. Free passages for officer and family. Free furnished accommodation. Free medical attention. Paid leave.

Candidates, who should be Nationals of the United Kingdom or the Republic of Ireland, should apply for further details quoting RC 218/129/03 and stating full names, age, qualifications and experience to :—

The Appointments Officer (Room 301), MINISTRY OF OVERSEAS DEVELOPMENT, Eland House, Stag Place, London, S.W. 1.

GEOLOGISTS

SIERRA LEONE

To undertake geological mapping of selected areas on scale 1:50,000 and the description and preparation of reports on such areas.

1st or 2nd class Honours degree in Geology with emphasis on Petrology. Postgraduate research or other experience in mapping areas of metamorphic rocks is desirable and special interest in Geochemistry and Economic Geology would be an advantage.

30/36 months' contract. Salary £1,300-£1,924 per annum according to experience plus 15 per cent terminal gratuity. Free passages. Children's education allowances.

Candidates, men and preferably between the ages of 23 to 40 should apply quoting RC 218/159/01 and giving full names, age, qualifications, and experience to :—

SIERRA LEONE RECRUITING AGENCY, Room 301, Eland House, Stag Place, Victoria, London, S.W. 1.

FIELD GEOLOGIST

PERU

To work in the headquarters of the Geological Survey, Lima, on the systematic preparation of the geological map of Peru and survey of its natural resources and to instruct Peruvian geologists. 1st or good 2nd Class Honours degree in Geology required with a minimum of about five years' postgraduate experience. Postgraduate training for a higher degree advantageous. Knowledge of Spanish desirable.

Applicants, preferably under 40, should be citizens of the United Kingdom or Republic of Ireland and must be capable of working at 15,000 feet. Threeyear contract. Salary £1,200 to £1,500 per annum according to experience plus tax-free allowances per annum of £730 (single) or £1,063 to £1,086 (married, unaccompanied) or £1,230 to £1,265 (married, accompanied by wife). All emoluments paid by the British Government. Free passages, accommodation, and medical attention. Paid leave. Please apply, giving full names, age, qualifications, and experience and quoting RC 218/142/02, to : The Appointments Officer (Room 301), Ministry of Overseas Development, Eland House, Stag Place, Victoria, London, S.W. 1.

BUILDING RESEARCH STATION

Garston, Watford, Herts

ASSISTANT EXPERIMENTAL OFFICER/EXPERIMENTAL OFFICER (GEOLOGIST) to investigate petrology of rocks used as building stone or concrete aggregate. Project includes study of the alteration of rocks caused by contact with cement or by atmospheric weathering. Some field work in connection with survey of resources expected.

QUALIFICATIONS : Degree, Dip. Tech., H.N.C., or equivalent in appropriate subject. Under 22, minimum qualification is two G.C.E. "A" levels in Science and/or Maths. subjects. Experience or interest in micropetrology required. SALARY : A.E.O. £549 (at 18)-£776 (at 22)-£983 (at 26 or over)-£1,201; E.O. (minimum age 26) £1,319-£1,675.

APPLICATION FORMS from the Director at the above address quoting E/AF/153.

UNIVERSITY OF OTAGO, DUNEDIN, NEW ZEALAND

LECTURER IN GEOLOGY

Applications are invited for the position of Lecturer in Geology. Special interests in analytical geochemistry would be advantageous.

Salary: $\pounds 1,300 \times \pounds 100 - \pounds 2,000/\pounds 2,000 \times \pounds 100 - \pounds 2,500$ per annum. The status of Senior Lecturer may be awarded as a mark of personal distinction either on initial appointment or by subsequent promotion. The salary of a Senior Lecturer will be not less than £2,300 per annum.

Further particulars are available from the Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W. 1, or from the Registrar of the University.

Applications close in New Zealand and London on 10th May, 1965.

Instruments for Geology & Survey

Write for list "G.M." for further details of Compasses, Clinometers, Levels (Telescopic) and Hand (Abney pattern), Soil Samplers, Altimeters, Geological Hammers, Brunton Optical Instru-Dials ; ments. including Tele-Binoculars, and scopes, Magnifiers, Rangefinders, Stereoscopes and Microscopes, Steel and Linen Measures, Thermometers, and Hygrometers.

We are U.K. Representatives for Keuffel and Esser Co. and stock "Leroy" Lettering Templates and equipment.



Bridge Sight Combined Compass and Clinometer in case—£6 15s. 0d.

J. H. STEWARD, LIMITED

Opticians and Scientific Instrument Makers

406 STRAND, LONDON, W.C.2 Contractors to Universities and Oil Companies, etc.

Contractors to Universities a

Temple Bar 1867

Established 1852

MINING GEOLOGIST/MINERAL ECONOMIST KENYA

To be based at Nairobi and to collect and analyse mineral resources information, conduct mining feasibility studies and to collaborate with a Mineral Exploration Team and Ore Dresser.

A degree in Geology or Mining and experience of mineral resources essential. Experience in mineral economics desirable.

Applicants should be nationals of the United Kingdom or the Republic of Ireland and preferably between 30 and 55. Two-year contract. Salary between $\pounds3,000$ and $\pounds4,000$ per annum plus generous tax free overseas allowances. All emoluments paid by British Government. Free furnished accommodation. Free passages. Free medical attention. Paid leave.

Please apply for further details giving full names, age, qualifications and experience and quoting RC 218/95/06 to :---

The Appointments Officer, MINISTRY OF OVERSEAS DEVELOPMENT, Room 301, Eland House, Stag Place, Victoria, London, S.W. 1,

SWISS MERIDIAN GEOLOGICAL COMPASS

Designed by Prof. N. Oulianoff A hand-held instrument for Geologists, Mining Engineers, Explorers, Geographers, Agricultural Engineers, and Foresters. It will serve for all

geological measurements (strike and dip of beds, faults and folds, also lodes) for establishment of the geographical orientation, for topographical surveyings (triangulation, levelling),

plane-table surveying, and ascertaining of strong magnetic anomalies. Supplied in leather case.

Send for leaflet on all Meridian Swiss hand-held survey instruments.



SALES OFFICE

SERVICE ONLY

Compass fitted with completing device.

SURVEY AND GENERAL INSTRUMENT CO. LTD.

dir.

Fircroft Way, Edenbridge, Kent. Tel. 2434 (STD Code OSE 271)

Survey Works Pembroke Road, Bromley, Kent, Rav. 4665/6

Bulletins of the Geological Survey

The Bulletins of the Geological Survey series were started in 1939, and following wartime interruption 21 bulletins have been published since 1951. Each Bulletin contains reports by Geological Survey and other geologists on various research topics, including accounts of boreholes drilled in Great Britain for the Geological Survey and for industry.

Prices range from 5s. to 40s.

The Geology of the South Wales Coalfield

Part IV: The Country around Pontypridd and Maesteg Third Edition

The years since the publication of the Second Edition of this memoir have seen a considerable expansion in mining in the Pontypridd district, as well as a greatly increased understanding of Coal Measures stratigraphy, palaeontology and sedimentation generally. A resurvey of the district was therefore undertaken, giving particular attention to the correlation of the Pennant strata, which has resulted in a revised classification of these rocks. This new edition together with the published six-inch and one-inch maps, represents a great advance in the understanding of the geology of the district.

£3 (by post £3 1s. 5d.)

Overseas Geology and Mineral Resources

This quarterly bulletin of Overseas Geological Surveys records the progress made in the geological investigations of the British overseas and dependent territories with a view to their economic development. It contains illustrated articles, notes, book reviews, bibliographies, mineral statistics and mineral and metal prices.

15s. (postage extra); Annual subscription including postage £3 2s. 4d.

A Soil and Irrigability Survey of the Lower Usutu Basin (South) in the Swaziland Lowveld

This exhaustive 3-year survey of the irrigable possibilities of the soil in this area of Swaziland is a conscientious essay in soil investigation. Its recommendations demonstrate conclusively that preliminary surveys of this kind provide the only real foundation for making the best use of natural resources.

25s. (by post 25s. 11d.)

Free lists of titles (state subject/s) are available from Her Majesty's Stationery Office. P6A (GEOM), Atlantic House, Holborn Viaduct, London, E.C.1



Government publications can be purchased over the counter or by post from the Government Bookshops in London, Edinburgh, Cardiff, Belfast, Manchester, Birmingham and Bristol, or through any bookseller

PRINCIPLES OF PHYSICAL GEOLOGY

Professor ARTHUR HOLMES

Professor Holmes, Vetlesen Prize-winner and one of the century's great geologists, has expanded and completely rewritten the classic which has profoundly influenced the thinking and training of geologists throughout the world.

"Professor Holmes has given a fresh meaning to the words 'new and fully revised'... Almost miraculously, as it now seems—since he, as well as geology and geophysics, has moved 20 years onward—the original qualities of freshness and clarity have survived the immensely greater work of preparing this new yet familiar book ... Handsomely illustrated "—

The Times Science Review

"The author has maintained the same fresh outlook and vigorous discussion while bringing it up-to-date by a radical rewriting and the addition of much new material . . . It is without doubt the best value in physical geology "—

Geographical Magazine

880 maps, diagrams, photographs $9\frac{1}{2}'' \times 6\frac{1}{2}''$ 1,304 pages 84s

PRINTED BY STEPHEN AUSTIN AND SONS, LTD., HERTFORD, ENGLAND.