MAPS AVAILABLE

(Bibliographic guide prepared courtesy of Dr. J. Gravesteijn, with the assistance of the BRGM, France, and the IUGS Commission on Geological Documentation)

1:50 000 SERIES (GEOLOGICAL) - FIJI

FIJI

General literature and maps

Geology

Provisional geological map of Fiji - 1:500 000 - Suva: Geological Survey Department, 1965. For explanation see Phillips, K.A.J., Geological map of Fiji: Geol. Surv. Dept., Ann. Rep. 1964, p.4-6, 1966.

Chase, C.G., Tectonic history of the Fiji Plateau: Geol. Soc. America Bull., 82, No. 11, p.3087-3110, 1971.

Duberal, R.F., Rodda, P., Bibliography of the geology of Fiji. Suva: Geological Survey of Fiji, 81p., 1969.

Green, D., Cullen, D.J., The tectonic evolution of the Fiji region, in Coleman, P., (ed.), The Western Pacific, Island Arcs, Marginal Seas, Geochemistry: University of Western Australia Press, p. 127-145, 1973.

Rickard, M.J., Reconnaissance geology of Vanua Levu - 1:200 000: Geol. Surv. Fiji, Memoir No. 2, 81p., 1966. Accompanied by a geological map of Vanua Levu, scale 1:200 000.

Rodda, P., Outline of the geology of Viti Levu: New Zeal. J. Geol. Geophys., 10, No. 5, p.1260-1273, 1967. Accompanied by a simplified geological map of Viti Levu, scale 1:506 880, available from Mineral Resources Division, Suva.

Rodda, P., Fiji, in Mesozoic - Cenozoic orogenic belts: Geol. EPISODES, Vol. 1981, No. 3.

Soc. London, Special publication, 4, p.425-431, 1974.

Rodda, P., Band, R.B., Geology of Viti Levu (map) - 1:250 000. Suva: Geological Survey of Fiji, 1966. For explanation see Rodda, P., Band, R.B., Geology of Viti Levu: Geol. Surv. Dept., Ann. Rep. 1966, p.8-16, 1967.

Mineral deposits

Colley, H., Mineral deposits of Fiji (Metallic deposits): Miner. Res. Div., Fiji, Memoir, 1, 123p., 1976. Accompanied by 2 maps: Metallogenic map of Vanua Levu and Metallogenic map of Viti Levu, scale 1:250 000.

Green, D., Review of mineral potential in Fiji: Bur. Miner. Res., Geol. Geophys. Bull., 141, p.135-148. Canberra, 1973. Available from Mineral Resources Division, Suva.

Houtz, R.E., Phillips, K.A., Interim report on the Economic geology of Fiji: Geol. Surv. Dept., Fiji, Economic Report, 1, 36p., 1963. Accompanied by 2 maps: Generalized Geology of Fiji and Mineral Occurrences of Fiji.

Systematic Mapping

1:50 000 (Geological)

Systematic geological mapping of the two major islands of Vanua Levu (14 sheets) and Viti Levu (22 sheets), published with explanatory Bulletins of the Geological Survey of Fiji (Bulletins of Mineral Resources Division since 1972). Bulletins marked by an asterisk are out of print.

For location of sheets see index map.

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VANUA LEVU

Sheets:

1. Geology of Ndrua Ndrua area: Geol. Surv. Fiji, Bull., 14, 1970.
2. Geology of Undu Peninsula: Geol. Surv. Fiji, Bull., 14, 1970.
3. Geology of Rukuruku Bay: Geol. Surv. Fiji, Bull., 17, 1971.
4. Geology of Ndreketi area: Miner. Res. Div., Bull., 1, 1976.
5. Geology of Nanduri area: Miner. Res. Div., Bull., 1, 1976.
6. Geology of Lambasa area: Geol. Surv. Fiji, Bull., 16, 1969.
7. Geology of Sanggani area: Geol. Surv. Fiji, Bull., 16, 1969.
8. Geology of Nantewa Bay area: Geol. Surv. Fiji, Bull., 16, 1969.
9. Geology of Nambouwalu area: Geol. Surv. Fiji, Bull., 17, 1971.
10. Geology of Wainunu Bay area: Miner. Res. Div., Bull., No. 1, 1976.
11. Geology of Savusavu Bay West area: Geol. Surv. Fiji, Bull. 5, 1960.
12. Geology of Bay East area: Miner. Res. Div. Bull., 4, 1976.
13. Geology of Matakunea area: Miner. Res. Div. Bull., 4, 1976.
14. Geology of Mbutha Bay area: Miner. Res. Div. Bull., 4, 1976.

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Sheets:

1. Geology of Tavua area: Geol. Surv. Fiji, Bull., 8,* 1962.
2. Geology of Vaileka area: Miner. Res. Div. Bull., 3, 1976. (Map published in 1964; Bulletin 3 was previously listed as Bulletin 13 of the old Geological Survey series).
3. Geology of Nanukuloa area: Geol. Surv. Fiji, Bull., 12, 1966.
4. Geology of Lautoka: Geol. Surv. Fiji, Bull., 2,* 1959 (revision in preparation and will be published as Miner. Res. Div. Bull., 5).
5. Geology of Mbalevuto area: Geol. Surv. Fiji, Bull., 11, 1963.
6. Geology of Nandarivatu area: Miner. Res. Div., Bull., 3,* 1976.
7. Geology of Wainimbuka River area: Geol. Surv. Fiji, Bull., 12, 1966.
8. Geology of Londoni area: Geol. Surv. Fiji, Bull., 12, 1966.
9. & 15. Geology of Lomawai - Momi area: Geol. Surv. Fiji, Bull., 3,* 1959.
10. Geology of the Nandi area: Geol. Surv. Fiji, Bull., 7,* 1961.
11. Geology of Keiyasi: Geol. Surv. Fiji, Bull., 10, 1963.
12. Geology of Namosi area: Miner. Res. Div., Bull., 3, 1976.
13. Geology of Vunindawa area: Geol. Surv. Fiji, Bull., 12, 1966.
14. Geology of Nanduruloulou area: Geol. Surv. Fiji, Bull., 12, 1966.
15. See sheet No. 9.
16. Geology of the Singatoka area: Geol. Surv. Fiji, Bull., 6,* 1960.
17. Geology of Korolevu Bay area: Geol. Surv. Fiji, Bull., 15, 1968.
18. Geology of Navua River area: Geol. Surv. Fiji, Bull., 15, 1968.
19. Geology of Mau area: Geol. Surv. Fiji, Bull., 15, 1968.

20. Suva: Geol. Surv. Fiji, Bull., 4,* 1961.
21. Geology of Ovalau, Moturiki & Naingani: Geol. Surv. Fiji, Bull., 9, 1961.
22. Geology of Mbengga area: Geol. Surv. Fiji, Bull., 15, 1968.

Publications of the Mineral Resources Division (formerly Geological Survey of Fiji) are available from:

**The Library,
Mineral Resources Division,
Private Mail Bag,
G.P.O., Suva,
Fiji.**

VANUATU (formerly NEW HEBRIDES)

General literature and maps

Geology

Mallick, D.I.J., Geological map of the New Hebrides Condominium, 1:1 000 000 - British Government's Ministry of Overseas Development (D.O.S.), 1975. (Available from Geological Survey Dept., Port Vila).

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Mitchell, A.H.G., Warden, A.J., Geological Evolution of the New Hebrides Island Arc: Geol. Soc. London, Journal, 127, p.501-529, 1971. (Reprint available from Geol. Surv. Dept., Port Vila, as Occasional Paper 5).

Warden, A.J., Mitchell, A.H.G., New Hebrides, in Mesozoic - Cenozoic orogenic belts: Geol. Soc. London, Special publication, 4, p.433-442, 1974.

Miscellaneous

Malahoff, A., Gravity and magnetic studies of the New Hebrides Island Arc: Port Vila: Geol. Surv., 1970, 67p.

Warden, A.J., Manganese mineralisation in the New Hebrides. Port Vila: Geol. Surv., 1971, 59p.

Systematic Mapping

1:100 000

New Hebrides Geological Survey. Port Vila: Geological Survey Department.

For location of sheets see index map.

Sheets:

1. Geology of Torres Islands, 1975.
2. Geology of the Banks Islands, 1978.
3. Geology of North Santo, in preparation.
4. Geology of South Santo, 1977.
5. Geology of Aoba and Maewo, 1979.
6. Geology of Pentecost and Ambrym, 1976.
7. Geology of Malekula, 1972.
8. Geology of the Central Islands, 1972.
9. Geology of Efate and offshore islands, 1974.
10. Geology of Erromanga, 1974.
11. Geology of Tanna, Aneityum, Futuna and Aniwa, 1978.

Appropriate regional descriptions are given in the following Geological Survey publications:

- Geology of the Torres Islands, by D. Greenbaum (Regional Report, 1975).
- Geology of Southern Banks Island, by D.I.J. Mallick and R.P. Ash (Regional Report, 1975).
- Geology of Northern Banks Islands, by R.P. Ash (Regional Report, 1980).
- Geology of North Santo, by G.P. Robinson (Regional

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- Report, 1969).
- Geology of Southern Santo, by D.I.J. Mallick and D. Greenbaum (Regional Report, 1977).
- Geology of Aoba Volcano, by A.J. Warden (Reprinted from Bull. Volcanol. XXXIV, p.107-140, 1970).
- Geology of Maewo, by J.N. Carney (in preparation).
- Geology of Pentecost, by D.I.J. Mallick and G. Neef (Regional Report, 1974).
- Geology of Ambrym, by P.J. Stephenson (in preparation).
- Geology of Northern Malekula, by A.H.G. Mitchell (Regional Report, 1971).
- Geology of South Malekula, by A.H.G. Mitchell (Report 3, 1966).
- Geology of Central Islands, by A.J. Warden (Report 5, 1968).
- Geology of Efate and offshore islands, by R.P. Ash

(Regional Report, 1978).

- Geology of Erromanga, by H. Colley and R.P. Ash (Regional Report, 1971).
- Geology of Tanna, Aneityum, Futuna and Aniwa, by J.N. Carney and A. MacFarlane (Regional Report, 1979).

Miscellaneous Maps

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Publications of the Geological Survey Department are available from: **The Chief Geologist,
Geological Survey Department,
G.P.O., Vila, Vanuatu.**

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