

REFERENCES

- Agarwal, B. N. P., and Sivaji, C., 1992, Separation of regional and residual anomalies by least-squares orthogonal polynomial and relaxation techniques, A performance evaluation: Geophysical Prospecting, 40, pp. 143-156.
- Armed Force Survey Department, 1969, Topographic maps of Thailand scale 1:50,000.
- Bashara, N. M., 1995, Subsurface Structure of the Eastern Edge of the Zagros Basin as Inferred from Gravity and Satellite data, American Association of Petroleum Geologists Bulletin, 79, no. 9, pp. 1259-1273.
- Chai, Y., and Hinze, W.J., 1988, Gravity inversion of an interface above which the density contrast varies exponentially with depth, Geophysics, 53, pp. 837-845.
- Chonglakmani, C., and Sattayarak, N., 1979, Geologic map of Thailand scale 1:250,000 sheet Changwat Phetchabun (NE 47-16), Geological Survey Division, Department of Mineral Resources, Bangkok.
- D'Andrea, W. R., 1990, Seismic and Gravity prospecting, Alberta, Calgary, Canada.
- Dobrin, M.B., and Savit, C.H., 1988, Introduction to Geophysical Prospecting, 4th ed., McGraw-Hill Inc., London.

- Geosoft, 1994, Geosoft Mapping and Processing System Manual, Geosoft Inc., Toronto, Canada.
- GM-SYS, 1993, GM-SYS users manual version 3.0, Northwest Geophysical Associates, Inc., Oregon, USA.
- Grant, W. S., and West, G. F., 1965, Interpretation theory in applied geophysics, McGraw-Hill, Toronto, Canada.
- Hongtong, T., and Trabtawee Wong, P., 1994, Geochemical surveys at Amphoe Muang, and Amphoe Chon Daen, Changwat Phetchabun (PB-1): Economic Geology Report, no. 6/1994, Economic Geology Division, Department of Mineral Resources, Bangkok (in Thai).
- Jungyusuk, N., 1985, Geology Survey Report Sheet 5141 III, Geological Survey Division, Department of Mineral Resources, Bangkok (in Thai).
- Jungyusuk, N., and Jingjitra, 1986, Geology of the Chon Daen Sheet (5141 II): Report of investigation No. 0069, Geological Survey Division, Department of Mineral Resources, Bangkok (in Thai).
- Jungyusuk, N., and Khositanont, S., 1993, Volcanic rocks and associated mineralization in Thailand: C. Piancharoen, ed., National conference on geological resources of Thailand: Potential for Future Development Department of Mineral Resources, Bangkok, pp. 522-538.
- Kane, M. F., and Godson, R. H., 1985, Features of a pair of long-wavelength (>250 km) and short-wavelength (< 250 km) bouguer gravity maps of the United State: Hinze, J. W., ed., The Utility of

- Regional Gravity and Magnetic Anomaly Maps, Society of Exploration Geophysicists, Tulsa, USA., pp. 46-61.
- Keary, P., and Brooks, M., 1991, An Introduction to Geophysical Exploration, Blackwell Scientific Publication, London.
- Kuttikul, P., and Utha-aroon, C., 1995, Subsurface continuation of gypsum/anhydrite, An evidence from gravity survey: Annual Technical Meeting 1995, Department of Mineral Resources, Bangkok (Abstract in Thai).
- Kuttikul, P., Surinkum, A., and Utha-aroon, 1997, Application of gravity survey in gypsum exploration, Wang Saphung, Loei: Mineral Resources Development Division Report, no. 20/1997, Ground Follow-up Section, Mineral Resources Development Division, Department of Mineral Resources, Bangkok, 32p.
- Nakornsri, N., 1977, Geological map of Thailand scale 1:250,000 Sheet Amphoe Ban Mi (ND 47-4), Geological Survey Division, Department of Mineral Resources, Bangkok.
- Odegard, M.E., and Berg, J.W., Jr., 1965, Gravity interpretation using the Fourier integral, Geophysics, 30, pp. 424-438.
- Nettleton, L. L., 1954, Regional, Residuals, and Structures, Geophysics, 19, pp. 1-22.
- Paranis, D. S., 1986, Principle of Applied Geophysics, Chapman & Hall, London.

- Rao, D.B., Prakash, M.J., and Babu, N.R., 1990, 3D and 2 1/2D modeling of gravity anomalies with variable density contrast, *Geophysical Prospecting*, 38, pp. 411-422.
- _____, 1993, Gravity interpretation using Fourier transforms and simple geometrical models with exponential density contrast, *Geophysics*, 58, pp. 1074-1083.
- Schnepfe, R.W., and Sumner, J.S., 1966, Underground Gravity Surveying at Bisbee, Arizona, (in): *Mining Geophysics-Volume I, Case histories*, SEG., pp. 243-251.
- Swartz, C. A. , 1954, Some Geometrical Properties of Residual Maps: *Geophysics*, 19, pp. 46-47.
- Telford, W.M., Geldart, L.P., and Sherriff, R.E., 1990: *Applied Geophysics*, Cambridge University Press, New York, USA.
- Utha-aroon, C., 1991, Somthing from the Nakhon Sawan-Phichit gypsum deposits: *Mineral Resources Gazettes*, Department of Mineral Resources (in Thai), vol. 36, no. 9, pp. 18-28.
- Wattananikorn, K., Beshir, J.A., and Nochaiwong, A., 1995, Gravity interpretation of Chiang Mai Basin, northern Thailand: Concentrating on Ban Thung Sieo area: *Journal of Southeast Asian Earth Science*, vol. 12, no. 1/2, pp. 53-64.
- Woraganok, W., 1994, Airborne radiometric data interpretation and ground follow-up surveys at the western part area of map sheet Amphoe Ban Mi (ND 47-4): *Economic Geology Report*, no. 19/1994, Economic

Geology Division, Department of Mineral Resources, Bangkok (in Thai).

Wisedsin, W., Kittwongchai, T., and Hatch, D., 1994, Airborne Geophysical Survey Interpretation of Phetchabun Study Area, Changwat Phetchabun, Pichit, Lopburi, and Nakhon Sawan, Thailand: Economic Geology Report, no. 6/1994, Economic Geology Division, Department of Mineral Resources, Bangkok (in Thai).

Yeamniyom, N., 1978, Gypsum: Economic Geology Bulletin no. 17, Economic Geology Division, Department of Mineral Resources, Bangkok (in Thai).

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