

REFERENCES

- Bates, R.L., and Jackson, J.A. 1980. Glossary of geology. second Edition, American geological Institute, Fall Church, Virginia.
- Brown, G.F. 1953. Geologic Reconnaissance of the Mineral Deposits of Thailand: Geol. Surv. Mem. 1 Department of Mineral Resources, 183 pp.
- Corbett G. J., and Leach T.M. 1994. A Guide to Pacific rim Au/Cu exploration. A workshop presented to Newmont Proprietary Ltd. in Veintiane, Laos. 82 pp.
- Darnley, A.G., and Ford, K.I. 1987. Regional Airborne Gamma-ray Survey. A Review. P 229-240, in Proceeding of Expolration' 87 Third Decennial International Conference on Geophysic and Geochemical Exploration for Mineral and Groundwater, Edited by G.D. Garland, Ontario, Geological Survey Special Volume 3, 914 pp.
- Droop, G.T.R. 1987. A general euation for estimating Fe^{3+} concentrations in ferromagnesian silicates and oxides from microprobe analyses using stoichiometric criteria. Mineral Magazine 51 : 431-435.
- Einaudi, M.T. et al. 1981. Skarn deposit. Economic Geology 75 th Anniv. : 317-391.
- Einaudi, M.T. 1981b. Skarns associated with porphyry plutons II. General features and origin in Titley, S.R. ed., Advances in geology of porphyry copper deposits of Southwestern North America. Tucson, Univ. Arizona Press, pp. 157-183.
- Einaudi, M.T. and Burt, D.M. 1982. Introduction- terminology, classification and composition do skarn deposits. Economic Geology 77 : 745-754.

- Greenwood, J.H. 1967. Wollastonite : Stability in H₂O-CO₂ mixtures and occurrence I a contact metamorphic aureole near Salmo, British Columbia, Canada. American Mineralogist 52 : 1669-1680.
- Hintong C., Chaewirot S., Kaeoyana V. and Sirsuk S. 1981. Geological survey report number 4. Map sheet Changwat Phranakorn Si Ayotthaya (ND 47-8), 1:250,000. Geological Survey Division, Department of Mineral Resources, 105 pp.
- Intasopa S., Dunn T. and Lambert R. S., 1995. Geochemistry of Cenozoic and silic magma in the central portion of the Loei-Petchabun volcanic belt, Lopburi, Thailand. Canada Journal of Earth Science 32 : 393-409.
- Kerrick, D.M. 1974. Review of Metamorphic Mixed-Volatile (H₂O-CO₂) equilibria. American Mineralogist 59 : 729-762.
- Luengingasoot M. 1996. Geophysical surveys at Khao Phra Ngam area, Amphoe Muang, Changwat Lopburi. Mineral Resources Development Division report No. 12/1996 (in Thai). Department of mineral Resources, Thailand, 15 pp.
- Meinert, L.D. 1993. Igneous petrogenesis and skarn deposits in (R.V. Kirkham, W.D. Sinclair, R.I. Thorpe and J.K. Duke, eds.). Geol. Assoc. Can. Special Paper 40 : 401-418.
- Metz, P.W., and Winkler, H.G.F. 1963. Experimentelle Gesteins metamorphose-VII. Die Bildung vanTalk aus Kieseligem Dolomit. Geochim Cosmochim Acta. 27 : 431-457.
- Metz, P.W., and Trommsdorff, V. 1968. On phase equilibria in metamorphosed silicious dolomite. Contributions to Mineralogy and Petrology 18 : 305-309.

- Sindhusen, A. 1986. Occurrence of iron deposit at Khao Thab Kwai, Lopburi. Senior Project, Department of Geology, Chulalongkorn University, Thailand, 57 pp.
- Streckeisen, A. 1979. Classification and nomenclature of volcanic rocks, lamprophyres, carbonatites and melilitic rocks; Recommendations and suggestions of the IUGS subcommission on the systematics of igneous rocks. Geology 7 : 331-335.
- Uchida, E. et al. 1982. Physiochemical study of skarn Formation in the Shinyama Iron-Copper Ore Deposit of the Kamaishi Mine, Northeastern Japan. Economic Geology 77 : 809-822.
- Utha-aroon C., Wathanakul P., Meesuk L. and Sindhusen P. 1988. Industrial potential of wollastonite from Lopburi, Central Thailand. Ninth Regional Congress on Geology, Mineral and Energy Resources of Southeast Asia. Kuala Lumpur, Malaysia, pp. 209-230.
- Winkler H.G.F. 1965. Petrogenesis of Metamorphic Rocks. Springer-Verlag, New York-Berlin.
- Wisedsind W. 1994. Airborne geophysical Survey Interpretation of Petchabun study area, Changwat Petchabun, Pichit, Lopburi and Nakarn Sawan, Thailand. Economic Geology Division report. Department of mineral Resources, 98 pp.
- Yavichai P. 1992. The preliminary mineral exploration at Lopburi area. Mineral Resources Development Project. Report No 4/1994 (in Thai), Department of Mineral Resources, 113 pp.

BIOGRAPHY

Mr. Surin Intayot was born in Chiang Mai Province, Thailand, on January 20, 1965. He graduated from the Department of Geological Science, Faculty of Science, Chiang Mai University in 1986 with a B. Sc. degree in Geology. In 1987, he started his first work at Geochemical Exploration Section, Economic Geology Division, Department of Mineral Resources. He was assigned to work on the geochemical exploration. During 1993-1995, he was joined with Pha Thong exploration and mining Co. Ltd. and worked as a geologist in copper and gold exploration at Loei province, northeastern Thailand. Since 1997 to present, he was attached to Department of Material Science, Faculty of Science, Burapha University. He was acted as instructor in Geology and Gemology.

