
1964. The significance of the chemical bond for controlling the chemical distribution of the elements. Physics and chemistry of the earth, Vol. 5, p. 3-54.


Bastin, E.S., 1941. Paragenetic relations in the silver ores of Zacateos, Mexico. Econ. Geol., Vol. 36, p. 371-400.


1930. The ores of Northern Rhodesian copper belt. Econ. Geol., Vol. 25, p. 363-418.


Chudoba, K., 1933. The determination of feldspars in thin section (Translated by W.O. Kennedy). London (Murby).


Davidson, D.M., 1931. The geology and ore deposits of Chambishi, Northern Rhodesia: Econ. Geol., Vol. 26, p. 131-162.


Hawley, J.E. and Nichol, I., 1961, Trace elements in pyrite, pyrrhotite and chalcopyrite of different ores: Econ. Geol., Vol. 56, p. 467-487.


and Jones, W.R., 1964, Chemical aspects of hydrothermal alteration with emphasis on hydrogen metasomatism. Econ. Geol., Vol. 59, No. 4, 530-569.


Hewett, D.F., 1928, Dolomitization and ore deposition. Econ. Geol., Vol. 23, p. 621-663.


Hooker, J.D., 1854, Himalayan journals. 2 Vols. London.


Irving, J.D., 1904, 1911, See Lindgren, 1923.


James, J.A., 1949, Geologic relationships of the ore deposits in the Frederick town area, Missouri: Missouri Geol. Survey and Water Resources Rept. of Inv., No. 8.


Ker, Paul F., 1950, Discussion of alteration and its application to ore research; Colorado School of Mines, Quart., Vol. 45, p. 332.


Kilburn, L.C., 1960, Nickel, Cobalt, copper, zinc, lead and sulphur contents of some North American base metal sulphide ores; Econ. Geol., Vol. 55, p. 115-137.


------, 1960b, Pre-Cambrian stratigraphy of India. 21 Int. Geol. Congr., Proc. 9, 95-107.


------, 1968, Geology of India and Burma, Higginbothams (P) Ltd., Madras.


Kuroda, Y., 1961, Minor elements in a metasomatic zone related to a copper-bearing pyrite deposit, Econ. Geol., Vol. 56, p. 547-554.


Lindgren, W., 1913, See Lindgren, W. 1933.


Lopez, V.M., 1939, The primary mineralization at chulpichama, Chile: Econ. Geol., Vol. 34, p. 674-711.


__________ and Hubert, A.E., 1960, Concentration and minor element association of gold in ore related jasperoid samples, U.S.G.S. Prof. paper 600-B, P B112-B114.


__________, 1949, Rock alteration as a guide to ore - East Tintic district, Utah: Econ. Geol., Monograph 1, 64p.


Martin, K., 1950, Volumetric chemical changes and their relation to shattering at Santa Rita, New Mexico: Multifillith Copy, Jan.17, p. 10.


Maurizio, V., 1969, Experimental studies on galena and sphalerite deposition and on galena remobilisation, p.59-78, In Remobilisation of ores and minerals; Tipografia Nuova-Cagliari, 322p.


Nockolds, S.R. & Mitchell, R.L., 1940, The geochemistry of some calc-
dominant plutonic rocks; a study in the relationship between the major and trace elements of igneous rocks and their minerals. Trans. Roy. Soc. Edinb., Vol. 61, p. 533-578.


______, 1959, Some considerations in determining the origin of ore deposits of the Mississippi valley type. Econ. Geol., Vol. 54, p. 769-789.


Pinkney, D.M. and Rye, R.O., 1972, Variation of O\(^{18}/\)O\(^{16}\), C\(^{12}/\)C\(^{13}\), texture, and mineralogy in altered limestone in Hill Mine, Cave-in-District, Illinois, Econ. Geol., Vol. 67.


Ross, Clyde, P., 1941. The quick silver deposits of the Terlingua region, Texas. Econ. Geol., Vol. 36, p. 115-142.

Rundels, Donald D., 1969, The mineralogy and sulphur isotopes of the Ruby Creek Copper Prospect, Bornite, Alaska. Econ. Geol., Vol. 64, 1969, 75-90.


Schwartz, C.M., 1932, Microscopic criteria of hypogene and supergene origin of ore minerals. Econ. Geol., Vol. 27, p. 533-553.

———, 1934, Paragenesis of the oxidized ores of copper. Econ. Geol., Vol. 29, p. 55-75.


———, 1950, Problems in the relation of ore deposits to hydrothermal alteration; Colorado School of Mines Quart., Vol. 45, No. 15, p. 197-208.

———, 1951, Classifications and definitions of textures and mineral structures in ores. Econ. Geol., Vol. 46, p. 560-578.


Smith, F.G., 1948, The ore deposition temperature and pressure at the McIntyre mine, Ontario, Econ. Geol., Vol. 43, p. 627-636.


Spur, J.E., 1899, See Lindgren, W., 1933.


_______, 1964, Alteration area south of the iron silver mines, Beaver County, Special studies 9, p. 1-18.


Sullivan, C.J., 1954, Metallic melting points and ore deposition. Econ. Geol., V. 49, p. 555-574.

_______, 1957, Heat and temperature of ore formation. Econ. Geol., V. 52, p. 231-238.

Taylor, A.V. Jr., 1935, Ore deposits at Chuquicamata, Chile. 16th
International Geol. Cong., Copper resources of the world, Vol. 2,
p. 473-484.

Taylor, H.P. Jr., and Epstein, S., 1962, Relationship between O²⁸/O²⁶
ratios in coexisting minerals of igneous and metamorphic rocks,

Taylor & Coleman, R.G., 1963, O²⁸/O²⁶ ratios in rocks and
coexisting minerals of the Skærgaard intrusion, east Greenland.

Taylor & Coleman, R.G., 1965, O²⁸/O²⁶ ratios in coexisting
minerals in glauconite bearing metamorphic rocks. Geol. Surv.
Am., Meeting, Kansas City, 170-171.

Taylor, S.R., 1964, The abundance of chemical elements in the continental

Taylor, S.R., 1966, The application of trace element data to problems in

Thode, H.G., MacNamara, J., and Collins, C.B., 1949, Natural variations
in the isotopic content of sulfur and their significance. Canadian

Tilley, C.E., 1948, Earlier stages in the metamorphism of silicious

Turkian, K.K. and Wedepohl, K.H., 1961, Distribution of elements in
some major units of the earth's crust. Bull. Geol. Soc. Am.,
Vol. 72, p. 175-192.

Geol. Mag., Vol. 70, 529-541.

Verhoogen, J., 1961, Igneous and metamorphic petrology,

Verhoogen, J., 1962, Igneous and metamorphic petrology,


Wager, L.R. & Vincent, E.A. and Smale, A.A., 1957, Sulphide in the 


Warren, H.V. and Delavault, R.E., 1950, Readily extractable copper in 
eruptive rocks as a guide for prospecting. Econ. Geol., Vol. 54, 
p. 1291-1297.


Waters, A.C. and Campbell, C.D., 1935, Mylonite from San Andreas fault 

Watson, T.L., 1905, Lead and zinc deposits of Virginia. Virginia Geol. 
Surv., Bull. 1; p. 42.


________, 1956, See Ahrens, L.H., 1964;


________, 1969, Environments of generation of some base metal ore 

________, 1967, Mercury and base metal deposits with associated 
thermal and mineral waters. In Geochemistry of hydrothermal ore 
p. 575-631.

Wilson, H.D.B., 1953, Geology and geochemistry of base metal deposits, 
Econ. Geol., Vol. 48, p. 370-407.

________ & Anderson, D.F., 1959, The composition of Canadian 

Wilson, R.E., 1941, Noranda district, Quebec, Canada Geol. Surv. Mem., 
229; 102p.

Winchell, A.N. & Winchell, H., 1951, Elements of optical mineralogy. 
& Sons, Inc., 651p.


Wright, K., 1969, Textures from some epigenetic mineral deposits of Tennant Creek - Central Australia, In Remobilization of ores and minerals, Tipografia Nulas, Cagliari.
