

**U. S. Department of the Interior
U.S. Geological Survey**

**ANNOTATED BIBLIOGRAPHY OF METALLOGENIC MAPS
[MATERIAL MOSTLY PUBLISHED BETWEEN 1960 AND 1987]**

Compiled by

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[MATERIAL MOSTLY PUBLISHED BETWEEN 1960 AND 1987]

INTRODUCTION

This annotated bibliography of metallogenic maps was compiled under the auspices of the Subcommittee for Metallogenic Maps, a part of the Commission for the Geologic Map of the World. The compilation was made largely from material available at the United States Geological Survey's Headquarters in Reston, Va., U.S.A., but has been supplemented by references added by other subcommission members. Because metallogenic maps are of very diverse types and published in many different ways, it is recognized that this bibliography is not complete. However, it is hoped that it will provide a useful listing of most of the major and readily available maps that have been produced relatively recently.

The following guidelines were used in compiling these references.

Date: Most of the citations are for maps published after 1960. This date was arbitrarily selected in order to restrict the number of maps in the bibliography and to focus on relatively modern references. Some older maps which were considered important references are listed in the bibliography.

Size: The areas covered by individual maps vary greatly. In general they cover significant political or geographic areas. Thus, maps of states and provinces are included, but those of smaller subdivisions, such as quadrangles, are too detailed for this compilation. Similarly maps were not included if their scale was so small and the information so general that they could not be a working source of information.

Other Publications: Many books and journals contain maps. Some of these are included. An attempt has been made to cite only those maps which can serve as a useful source of information without extensive reference to accompanying text. Thus maps that were simply supplements to discussions of metallogeny or metallogenesis are generally excluded.

Descriptions and codes have been added to most references. The descriptions give the major elements or commodities shown on the map. The codes indicate the manner in which metallogenic information is displayed. The codes are:

A- map symbols show the specific metals/minerals present in each deposit.

B- map symbols do not show the specific metals/minerals present in each deposit.

C- map shows geologic character of the deposit.

D- map does not show the geologic character of the deposit.

E- map includes regional geologic information.

F- map does not include regional geologic information.

S- deposit size is specifically indicated by grade and/or tonnage information.

O- deposit size is not specifically indicated.

ACKNOWLEDGMENTS

Most of the data was compiled at the U.S.G.S. Additional contributions were submitted by other members of the subcommission for metallogenic maps. These include additions offered by Dr. Ian Speden (New Zealand), Dr. W.E. Petrascheck (Austria), Dr. G.B. Leech (Canada), Dr. G.P. Salas (Mexico), Dr. J.N. Casey (Australia), and Dr. D.V. Rundquist (USSR).

BIBLIOGRAPHY

Africa

African Geological Surveys, 1970, Carte des gisements de fer en Afrique (Iron ore deposits in Africa): (Paris) Association des Services Geologiques Africains, 1:10,000,000, 2 sheets.

Fe

A, C, F, S

Africa

Aleiner, A. V., 1966, Karta poleznykh iskopaemykh Afriki (Map of mineral resources of Africa): Ministerstvo geologii SSSR, 1:10,000,000, 2 sheets.

Fe, Mn, Ti, Cr, W, Co, Mo, Ni, Hg, Sb, Al, Cu, Pb, Ag, Zn, Sn, Au, Pt, Y, Th, Be, Y, Li, Nb, REE, Ta, Ce, Zr, Ba, Ca, V, Bi, As, Pd, Os, La, Rb, Sc, Cs

A, C, F, O

Africa

Lombard, Jean, 1968, Carte minerale de l'Afrique: (Paris) UNESCO and Association of African Geological Surveys, 1:10,000,000, 1 sheet.

Li, Be, Nb, Ta, Th, REE, Sn, W, Mo, V, U, Au, As, Fe, Ni, Cr, Co, Pt, Ti, Zr, Ba, Pb, Sr, Zn, Cu, Sb, Hg, Ag, Bi, Al, Mn

A, C, E, O

Africa, Algeria, Algiers

Algeria. Service Geologique, 1965, Carte des gites mineraux de l'Algerie: Alger-Nord: Algeria, Service Geologique, 1:500,000, 1 sheet.

Pb, Zn, Cu, Sb, Hg, As, Au, Sn, W, U, Al, Cr, Fe, Mn, Be, Th, Sr, Ba

A, C, E, O

Africa, Algeria, Oran

Algeria. Service Geologique, 1969, Carte des gites mineraux de l'Algerie: Oran-Nord: Algeria, Service Geologique, 1:500,000, 1 sheet.

Pb, Zn, Cu, Sb, Hg, As, Au, Sn, W, U, Al, Cr, Fe, Mn, Be, Th, Sr, Ba

A, C, E, O

Africa, Angola

Portugal. Direccao Provincial dos Servicos de Geologia e Minas, 1966, Portugal, Provincia de Angola, ocorrencias minerais: Plate in- Ocorrencias minerais: Luanda, Direccao Provincial dos Servicos de Geologia e Minas, 59p., 1:2,000,000, 1 sheet.

Ag, Au, Ba, Be, Cr, Cu, Fe, Mn, Ni, Pb, Pt, Sn, Ti, U, V, W, Zn

A, D, F, O

Africa, Botswana

Baldock, J. W., 1975 [1977], Mineral occurrences and metallogenic districts of eastern Botswana: Plate in-Resources inventory of Botswana: metallic minerals, mineral fuels and diamonds by J. W. Baldock: Botswana, Geological Survey Department, Mineral Resources Report no. 4, 69p., 1:1,000,000, 1 sheet.

Au, Ag, Ni, Cu, Pb, Zn, Cr, Sb, W, Fe, Mn

A, C, E, O

Africa, Cameroon

Laplaine, L., 1968, Cameroun, carte miniere et des indices: (Yaounde) Service Geologique de Cameroun, 1:2,000,000, 1 sheet.

Fe, Al, Ti, Mn, Cr, Cu, Pb, Zn, Mo, Sn, U, W, Nb, Ta, Au, Pt

A, D, F, O

Africa, Chad

Chaussier, Jean-Bernard, 1969, Carte minerale de la Republique du Tchad: Republique du Tchad, Service Geologique, 1:1,500,000, 1 sheet.

Au, Be, Cr, Cu, Fe, Nb, Ta, Ni, Pb, Pt, Sn, REE, Ti, U, W

A, D, F, O

Africa, Congo

Republique Democratique du Congo. Institut Geographique, 1969, Carte des Mines et des Industries: Republic Democratic du Congo, Institut Geographique, 1:3,000,000, 1 sheet.

Au, Cu, Sn, Fe, Mn

A, D, F, O

Africa, Egypt

Afia, M. S. and Imam, Ibrahim, 1979, Mineral map of the Arab Republic of Egypt- metallic mineral deposits and occurrences: (Cairo) Egypt, Geological Survey and Mining Authority, 1:2,000,000, 1 sheet.

Fe, Ti, Mn, Cr, Pb, Zn, Cu, Ni, Au, Sn, Be, W, U, Th, Mo, V

A, D, F, O

Africa, Egypt

Afia, Samih and Muhammad, Farag, 1955, Ore deposits of Egypt: Egypt, Department of Mines, 1:2,000,000, 1 sheet.

Ba, Fe, Au, Cu, Ni, Mn, W, Sn, Pb, Zn, Ti, Be, Mo

A, D, F, O

Africa, Ghana

Ghana. Survey of Ghana, 1969, Mineral deposits [of Ghana]: (Accra) Survey of Ghana, 1:2,000,000, 1 sheet.

Au, Mn, Al, Fe, Sn, Cr, Ba

A, D, F, O

Africa, Ivory Coast

Peron, Christine, 1974, Carte des indices mineraux de la Cote d'Ivoire: (Abidjan) Societe pour le Developpement Minier de la Cote d'Ivoire, 1:500,000, 4 sheets.

Al, Ag, As, Ba, Be, Bi, Cr, Co, Cu, Sn, Fe, Li, Mn, Hg, Mo, Ni, Nb, Au, Pt, Pb, Ta, Te, Th, Ti, REE, W, U, V, Zn, Zr

A, C, F, S

Africa, Kenya, Tanzania, and Uganda

Saggerson, E. P., 1961, East Africa- mineral resources, forests and game reserves: Directorate of Overseas Surveys, Misc. 299-C, 1:4,000,000, 1 sheet.

Ba, Be, Bi, Cu, Au, Ag, Fe, Pb, Zn, Mg, Mn, Sn, Ti, W, U, Zr

A, D, F, O

Africa, Madagascar

Besairie, H., 1964, Madagascar, carte miniere, deuxieme ed.: (Tananarive) Service Geologique de Madagascar, 1:2,500,000, 1 sheet.

Au, Fe, Cr, Mn, Be, Nb, Ni, Cu, Pb, Sn, Ti, U, Sc, Ba

A, D, F, O

Africa, Morocco

Agard, J., 1962, Carte metallogenique du Maroc, Feuille 1. Gites lies aux roches eruptives: Direction des Mines et de la Geologie, Division de la Geologie, Service d'Etudes des Gites Mineraux, 1:2,000,000, 1 sheet.

Ba, Fe, Nb, Mo, Sn, W, Ag, Ni, Ta, Be, Cr, Cu

A, C, E, O

Africa, Morocco

Bouladon, J. and Moussu, R., 1962, Carte metallogenique, Feuille 2. Gites hydrothermaux secondaires: (Rabat) Division de la Geologia, Direction des Mines et de la Geologie, Comite National de Geographie du Maroc, Atlas du Maroc, Planches no. 9a, 1:2,000,000, 1 sheet.

Pb, Ba, Cu

A, C, E, O

Africa, Morocco

Bouladon, J. and Moussu, R., 1962, Carte metallogenique, Feuille 3. Gites sedimentaires: (Rabat) Division de la Geologia, Direction des Mines et de la Geologie, Comite National de Geographie du Maroc, Atlas du Maroc, no. 9a, 1:2,000,000, 1 sheet.

Ti, Th, K

A, C, E, O

Africa, Morocco

Destombes, J. and Jeannette, A., 1962, Carte metallogenique du Maroc, Feuille 3. Gites sedimentaires: Direction des Mines et de la Geologie, Division de la Geologie, Service d'Etudes des Gites Mineraux, 1:2,000,000, 1 sheet.

Ti, Th, Fe, Mn, K

A, C, E, O

Africa, Morocco

Emberger, Andre, 1969, Carte des mineralisations plombo-zinciferes du Maroc, gites et indices renfermant du plomb ou du zinc en element majeur ou mineur: Morocco, Service Geologique, Notes and Memoires no. 215, 1:2,000,000, 1 sheet.

Pb, Zn

A, C, E, O

Africa, Morocco

Morocco. Division de la Geologie, 1968, Carte des gites mineraux du Maroc: Morocco, Division de la Geologie, 1:500,000, 6 sheets.

Zn, Pb, Cu, Sb, Au, Ag, W, Sn, Ti, Fe, Mn, Ca, Ba, As, W, V, Bi

A, C, E, O

Africa, Morocco

Morocco. Division des Mines et de la Geologie, 1951, Maroc: gisements minieres: (Rabat) Bureau des Mines et de la Geologie, 1:2,000,000, 1 sheet.

Cu, Au, Mo, Sn, W, Be, Ti, V, Ba, Pb, Zn, Mn, Fe, Co, Sb

A, D, F, O

Africa, Morocco, Northern

Saadi, Moussa, 1975, Carte miniere du Maroc (provinces du nord): Service Geologique du Maroc, Notes and Memoires no. 279, 1:2,100,000, 1 sheet.

Pb, Zn, Ag, Mn, Fe, Co, Ni, Ba, Cu, Sb, Sn, W, U, Th, REE, K

A, D, F, O

Africa, Mozambique

Mozambique. Direccao dos Servicos de Geologia e Minas, 1974, Estado de Mocambique, carta de jazigos e ocorrencias minerais: (Lourenco Marques) [Imprensa Nacional de Mocambique], 1:2,000,000, 1 sheet.

Nb, Ta, Be, Bi, Li, REE, U, Zr, Sn, Fe, Ti, Cu, Ni, Au

A, C, E, O

Africa, Nigeria

Nigeria. Federal Surveys, 1967, Nigeria, geology and mineral deposits: Nigeria, Federal Surveys, 1:3,000,000, 1 sheet.

Fe, Sn, Nb, W, Ta, Pb, Zn, Ba, Sr, Mo, Au

A, D, E, O

Africa, Republic of South Africa

[Republic of South Africa, Dept. of Mines, Geological Survey], 1976, Mineral map of the Republic of South Africa: Accompanies- Mineral resources of the Republic of South Africa: (Pretoria) Geological Survey of South Africa, 1:1,500,000, 2 sheets.

Cr, Co, Fe, Mn, Mo, Ni, Ta, Nb, W, V, Al, Sb, As, Be, Bi, Cu, Au, Pb, Hg, Pt, REE, Ag, Sn, Ti, Zn, Zr, Ba

A, D, F, O

Africa, Republic of South Africa

South Africa. Geological Survey, 1959, Mineral map of the Union of South Africa: Accompanies- The mineral resources of the Union of South Africa, 4th edition: Pretoria, Geological Survey of South Africa, 622p., 1:2,000,000, 1 sheet.

Sb, As, Ba, Be, Bi, Co, Cu, Ge, Fe, Pb, Li, Mg, Mn, Hg, Mo, Ni, Nb, Pt, REE, Ag, Na, Ta, Th, Sn, Ti, U, V, W, Zn, Zr

A, D, F, O

Africa, Rwanda

Rwanda. Ministere des Ressources Naturelles, 1982, Carte des gites mineraux du Rwanda: Rwanda, Ministere des Ressources Naturelles, 1:250,000, 1 sheet.

Sn, W, Nb, Ta, Li, Bi, Be, Au, U, Th, Pb, Zn, Cu, Ti, Zr, Fe

A, C, E, O

Africa, Senegal

Permingeat, F. and Sagatsky, J., 1966, Carte des gites mineraux de la Republique du Senegal: France, Bureau de Recherches Geologiques et Minieres, 1:500,000, 4 sheets.

Pb, Zn, Cu, Hg, Au, Ni, Ti, Zr, Cr, U, Sn, Mo, Li, Th, Nb, Ta, W, Fe, Mn, Ba

A, C, E, O

Africa, Sierra Leone

Sierra Leone. Geological Survey Division, 1975, Mineral map of Sierra Leone: Sierra Leone, Geological Survey Division, 1:1,000,000, 1 sheet.

Au, Pt, Fe, Cr, Mo, Pb, Zn, Ti, Nb, Sn, Al, REE

A, D, F, O

Africa, southern

Martini, J. E. J. and Hammerbeck, E. C. I., 1981 [1982], Mineral map of the republics of South Africa, Transkei, Bophuthatswana, Venda and Ciskei and the kingdoms of Lesotho and Swaziland, 1981: (Pretoria) Geological Survey of South Africa, 1:1,000,000, 4 sheets.

Al, Sb, As, Ba, Be, Bi, Cs, Cr, Co, Cu, Au, Fe, Pb, Li, Mg, Mn, Hg, Mo, Ni, Pt, Pt-group, REE, Ag, Sr, Ta, Nb, Th, Sn, Ti, W, U, V, Zn, Zr

A, C, E, S,

Africa, Tanzania

Moller, T., 1970, Ostafrika Geologie und Bergbaustandorte, 1970: (Entwurf) 1:6,000,000, 1 sheet.

Au, Fe, Sn, Cu, Co, W, Be, Mg, Nb

A, D, E, O

Africa, Tanzania

Tanganyika. Geological Survey Division, 1960, Mines and prospects (overlay for Geological map of Tanganyika): Accompanies- Summary of the geology of Tanganyika, Part IV, Economic geology by J. F. Harris: Tanganyika, Geological Survey Division, Memoir no. 1, Part 4, 143p., 1961, 1:2,000,000, 1 sheet.

Cu, Au, Pb, Nb, REE, Sn, Fe, W, Mg

A, D, F, O

Africa, Tunisia

Nicolini, P., Djellouli, A., and Ilavsky, J., 1966, Carte des gites mineraux de la Tunisia: Tunisia, Service Geologique, 1:500,000, 2 sheets.

Pb, Zn, Cu, Sb, Hg, As, Fe, Mn, Sr, Ba, V, K, Mg, Ca

A, C, E, O

Africa, Upper Volta

Upper Volta. Direction de la Geologie et des Mines, 1970, Principaux gisements et indices dans leur cadre geologique: Upper Volta, Direction de la Geologie et des Mines, 1:1,000,000, 1 sheet.

Mn, Fe, Ti, V, Al, Cu, Ni, Sb, Pb, Mo, Cr, Sn, Nb, Ta, Au

A, C, E, O

Africa, West

[United Nations. Economic Commission for Africa], 1974, West Africa, distribution of main mineral deposits: (Addis Ababa) United Nations, Economic Commission for Africa, Map M-74-1 to M-74-5, 1:12,000,000, 5 sheets.

Fe, Cr, Mn, Mo, Ni, Ti, V, W, Al, Cu, Nb, Pb, Sn, Ta, Zn, Au, REE, Radioactive elements

A, D, F, O

Africa, West

[United Nations. Economic Commission for Africa] , 1976, West Africa, distribution of main mineral deposits: (Addis Ababa) United Nations, Economic Commission for Africa, 1:10,000,000, 5 sheets.

Fe, Cr, Mn, Mo, Ni, Ti, V, W, Al, Cu, Nb, Pb, Sn, Ta, Zn, Au, REE, Radioactive elements

A, D, F, O

Africa, Zaire

Service geologique du Zaire, 1976, Carte des gites mineraux du Zaire a l'echelle du 2,000,000: Zaire, Direction du Service Geologique, 1:2,000,000, 2 sheets.

Cu, Zn, Pb, Fe, Mn, Mo, Sn, W, Nb, Ta, As, Bi, U, Ni, Cr, Au, Ag, Pt, REE, Th, Zr, Co, Al, Ba

A, C, E, O

Africa, Zaire

Zaire. Institut Geographique, 1973, Republique du Zaire, carte economique, principales productions minerales, vegetales, animales: Institut Geographic du Zaire, 1:3,000,000, 1 sheet.

Au, Cu, Sn, Fe

A, D, F, O

Africa, Zaire

Zaire. Service geologique, 1974, Carte des gites mineraux du Zaire: (Paris) France, Bureau de Recherches Geologiques et Minieres, 1:5,000,000, 6 sheets.

Cu, Pb, Zn, U, Ni, Co, Sn, W, Nb, Ta, Be, Ce, Th, As, Pt, Ag, Au, Mn, Fe

A, C, F, O

Africa, Zambia

Legg, C. A., 1973, Provisional mineral map of the Republic of Zambia, June 1973: (Lusaka) Geological Survey of Zambia, 1:1,500,000, 1 sheet.

Ag, Bi, Fe, Mn, Mo, Nb, Sn, Ta, Th, Ti, U, W, Cu, Pb, Zn, Ni, Au

A, C, F, O

Africa, Zambia

Northern Rhodesia. Geological Survey, 1959, Mineral map of Northern Rhodesia: (Lusaka) Northern Rhodesia, Geological Survey, 1:3,000,000, 1 sheet.

Cu, Ba, Be, Bi, Co, Nb, Au, Fe, Pb, Mn, REE, Sn, Ti, W, U, V, Zn

A, D, F, O

Africa, Zambia

Rhodesia and Nyasaland. Dept. of Trigonometrical and Topographical Surveys, 1960, Provisional mineral map of Rhodesia and Nyasaland: (Causeway) Rhodesia and Nyasaland, Dept. of Trigonometrical and Topographical Survey, Federal atlas map no. 5, 1:2,500,000, 1 sheet.

Ag, Al, As, Au, Ba, Be, Bi, Co, Cr, Cs, Nb, Cu, Fe, Hg, Li, Mg, Mn, Mo, REE, Pb, Pt, Sb, Sn, Sr, Ta, Ti, U, V, W, Zn, Zr

A, D, F, O

Africa, Zambia

Zambia. Survey Dept., 1968, The Republic of Zambia-minerals: (Lusaka) Ministry of Lands and Mines, 1:2,500,000, 1 sheet.

Au, Ba, Be, Bi, Cd, Co, Nb, Cu, Fe, Mn, Pb, Se, Sn, Ta, Ti, U, V, W, Zn

A, D, F, O

Africa, Zimbabwe

Southern Rhodesia. Geological Survey, 1963, Provisional mineral map of Southern Rhodesia, 6th ed.: (Salisbury) Southern Rhodesia, Geological Survey, 1:2,000,000, 1 sheet.

Al, As, Au, Be, Ba, Bi, Co, Cr, Cs, Cu, Fe, Hg, Li, Mg, Mn, Mo, REE, Ni, Pb, Pt, Sb, Sn, Ta, Nb, Ti, U, V, W, Zn

A, D, F, O

Asia

Kanehira, Keiichiro, and others, 1985, Metallogenic Map of South and East Asia, First Edition: Commission for the Geological Map of the World (CGMW/UNESCO) (Tokyo) Geological Survey of Japan, 1:5,000,000, 5 sheets.

W, Sn, Be, Nb, Ta, Li, Fe, Ti, P, Cu, Mo, Zn, Pb, Au, Ag, Cr, Ni, Co, Asbestos, Gypsum, Na, K, Magnesite, B, Hg, Sb, F, Ba, Sr, U, V, Th, Mn, Al, Kyanite Group, Clay, Talc, S, Pyrite, REE, Gems, Diamond, Graphite

A, C, E, S

Asia

United Nations Economic and Social Commission for Asia and the Pacific, 1979, Mineral distribution map of Asia, 2nd ed.: (New York) United Nations Economic and Social Commission for Asia and the Pacific, Publication sales no. E.79.II.F.13, 1:5,000,000, 4 sheets.

Cr, Co, Fe, Ti, V, Mn, Mo, Ni, W, Sb, Bi, Cu, Pb, Hg, Sn, Zn, Al, Be, Li, Mg, Au, Ag, Pt, Nb, Ta, REE, Th, U, Zr, Ba, As, Sr

A, D, E, O

Asia

United Nations. Economic Commission for Asia and the Far East, 1963, Mineral distribution map of Asia and the Far East: (Bangkok) United Nations, Publication sales no. 63-1-18, 1:5,000,000, 4 sheets.

Cr, Co, Fe, Ti, , Mn, Mo, Ni, W, Sb, Bi, Cd, Cu, Pb, Hg, Sn, Zn, Al, Be, Li, Mg, Au, Pt, Ag, Nb, REE, Sr, Th, U, Zr, Ba, K

A, D, E, O

Asia, Afghanistan

[Afghanistan. Dept. of Mines and Geology], 1976, Map of mineral deposits and occurrences of ferrous metals and fuel minerals of Afghanistan: (Kabul) [Afghanistan, Dept. of Mines and Geology], 1:2,000,000, 1 sheet.

Fe, Cr, Mn

A, C, F, O

Asia, Afghanistan

[Afghanistan. Dept. of Mines and Geology], 1976, Map of mineral deposits and occurrences of non-ferrous metals of Afghanistan: (Kabul) [Afghanistan, Dept. of Mines and Geology], 1:2,000,000, 1 sheet.

Al, Cu, Pb, Zn

A, C, F, O

Asia, Afghanistan

[Afghanistan. Dept. of Mines and Geology], 1976, Map of mineral deposits and occurrences of tin, tungsten, molybdenum and bismuth of Afghanistan: (Kabul) [Afghanistan, Dept. of Mines and Geology], 1:2,000,000, 1 sheet.

Sn

A, C, F, O

Asia, Afghanistan

[Afghanistan. Dept. of Mines and Geology], 1976, Map of mineral deposits and occurrences of rare and precious metals of Afghanistan: (Kabul) [Afghanistan, Dept. of Mines and Geology], 1:2,000,000, 1 sheet.

Au, Be, Li, Ta, Nb

A, C, F, O

Asia, Afghanistan

Afghanistan. Dept. of Geology and Mines., 1972, Map of mineral resources of Afghanistan: (Kabul) Afghanistan, Dept. of Geology and Mines., 1:1,000,000, 4 sheets.

Fe, Mn, Cr, Cu, Pb, Zn, Sn, As, Al, Mo, W, Be, Li, Cs, Ta, Nb, Hg, Bi, Ce, Au, Ag

A, D, F, O

Asia, Afghanistan

Mirzad', S. H., Kolchanov, V. P., and Manucharyants, G. A., 1966, Geology and useful minerals of Afghanistan: Accompanies- Metallogeny of Afghanistan by S. H. Mirzad': (Kabul), [Afghanistan, Dept. of Mines and Geology], 19p., 1:2,600,000, 1 sheet.

Fe, Mn, Cr, Pb, Zn, Cu, Be, Au, Ba, Mg, Sr

A, D, E, O

Asia, Bangladesh

Ahmed, M., 1959, Mineral map of East Pakistan: in- Mineral deposits of East Pakistan by Mesbahuddin Ahmed: Geological Survey of Pakistan, Information release no. 10, 10p., 1:1,000,000, 1 sheet.

Au

A, D, F, O

Asia, China

Brady, E. S., 1982, China's minerals and non-ferrous metals map: (Washington, D. C.) National Council for US-China trade, 1 sheet.

Al, Sb, As, Ba, Be, Bi, Cr, Co, Cu, Au, Pb, Li, Mg, Mn, Hg, Mo, Ni, Pt, polymetallic, K, REE, Ag, Ta, Sn, Ti, W, U, V, Zn, Zr

A, D, F, O

Asia, China

Langer, H., 1968, Volksrepublik China, Bergbau u. Industrie: (Gotha) VEB Hermann Haack, 1:3,000,000, 4 sheets.

Mn, Sb, W, Cu, Al, Pb, Zn, Sn, Al, Fe

A, D, F, O

Asia, Cyprus

Cyprus. Geological Survey Department, 1982, Mineral resources map of Cyprus: (Nicosia) Geological Survey of Cyprus, 1:250,000, 1 sheet.

Cu, Fe, Ni, Co, Cr, Mn, Mg

A, C, E, S

Asia, India

Geological Survey of India, 1974, Map of India showing distribution of metallic ore deposits: (Calcutta) Geological Survey of India, 1:5,000,000, 1 sheet.

Al, Sb, Cr, Co, Cu, Au, Fe, Pb, Zn, Mn, Mo, Ni, Ti, W, V

A, D, F, O

Asia, India

India. Geological Survey, 1961, Geology and minerals of India: (Calcutta) Geological Survey of India, 1:6,082,560, 1 sheet.

Ba, Al, Cr, Cu, Au, Ti, Fe, Pb, Mg, Mn, Zn

A, D, E, O

Asia, India

India. Geological Survey, 1972, Ferrous metals (iron, manganese, chromium, and titanium) principal ore deposits of India: Geological Survey of India, 1:5,000,000, 1 sheet.

Fe, Mn, Cr, Ti

A, D, F, S

Asia, India

India. Geological Survey, 1972, Map of India showing base metal deposits: Geological Survey of India, 1:5,000,000, 1 sheet.

Cu, Pb, Zn

A, D, F, S

Asia, India

India. Geological Survey, 1974, Map of India showing bauxite deposits with grade and reserves: Geological Survey of India, 1:5,000,000, 1 sheet.

Al

A, C, F, S

Asia, India

India. Geological Survey, 1974, Map of India showing mineral deposits: (Calcutta) Geological Survey of India, 1:5,000,000, 1 sheet.

Ba, Al, Be, Cr, Co, Cu, Au, Ti, Fe, V, Pb, Mg, Mn, Mo, REE, Ni, U, W, Zn

A, D, F, O

Asia, India

India. Survey of India, 1949, Geology and minerals of India: Geological Survey of India, 1:6,082,560, 1 sheet.

Ba, Al, Be, Cr, Nb, Ta, Cu, Au, Ti, Fe, Mg, Mn, REE

A, D, E, O

Asia, India

Ray, D. K., 1963, Metallogenic-minerogenetic map of India: Geological Survey of India, 1:2,000,000, 1 sheet.

Au, Fe, Cr, Cu, Mn, Pb, Zn

A, C, E, O,

Asia, India, Andhra Pradesh

India. Geological Survey, 1975, Geological and mineral map of Andhra Pradesh: (Calcutta) Geological Survey of India, 1:1,000,000, 2 sheets.

Ba, Al, Be, Cr, Cu, Au, Fe, Mn, Mo, Zr, REE, Nb, Ta, W

A, D, E, O

Asia, India, Andhra Pradesh

India. Geological Survey, 1973, Geological and mineral map of Andhra Pradesh : (Calcutta) Geological Survey of India, 1:2,250,000, 1 sheet.

Al, Ba, Be, Cu, Cr, Au, Fe, Ti, Pb, Zn, Mg, Mn, REE

A, D, E, O

Asia, India, Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, and Tripura

India. Geological Survey, 1973, Geological and mineral map of Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, and Tripura: (Calcutta) Geological Survey of India, 1:2,250,000, 1 sheet.

Cr, Co, Cu, Au, Fe, Ni

A, D, E, O

Asia, India, Bihar

India. Geological Survey, s.d., Geological map of Bihar: Geological Survey of India, 1:2,027,320, 1 sheet.

Ba, Al, Cr, Cu, Au, Fe, Mn, V

A, D, F, O

Asia, India, Bihar

India. Geological Survey, 1972, Geological and mineral map of Bihar: Geological Survey of India, 1:2,250,000, 1 sheet.

Ba, Al, Be, Sn, Cr, Fe, Mn, U, V

A, D, E, O

Asia, India, Central Provinces and Berar

India. Geological Survey, 1939, Map showing the chief mineral deposits of the Central Provinces and Berar: Plate 21 in- Review of the mineral industry of India and Burma during 1938 by C. S. Fox: Geological Survey of India, Records, Vol. 74, Part 3, p.279-431, (Calcutta) 1:2,027,520, 1 sheet.

Ba, Al, Cu, Fe, Pb, Mn, Ag, W

A, D, F, O

Asia, India, Delhi, Punjab, Haryana, and Himachal Pradesh

India. Geological Survey, 1973, Geological and mineral map of Delhi, Punjab, Haryana, and Himachal Pradesh: (Calcutta) Geological Survey of India, 1:2,250,000, 1 sheet.

Sb, Ba, Cu, Fe, Pb, Ag

A, D, E, O

Asia, India, Gujarat

India. Geological Survey, 1970, Geological and mineral map of Gujarat: Geological Survey of India, 1:2,250,000, 1 sheet.

Al, Cu, Pb, Zn, Mn

A, D, E, O

Asia, India, Jammu and Kashmir

India. Geological Survey, 1969, Geological and mineral map of Jammu and Kashmir: Geological Survey of India, 1:2,250,000, 1 sheet.

Al, Cr, Cu, Au, Pb, Zn

A, D, E, O

Asia, India, Kerala

India. Geological Survey, 1970, Geological and mineral map of Kerala: Geological Survey of India, 1:1,000,000, 1 sheet.

Al, Au, Ti, Fe, REE, Zr

A, D, E, O

Asia, India, Kerala

India. Geological Survey, 1973, Geological and mineral map of Kerala: Geological Survey of India, 1:2,250,000, 1 sheet.

Al, Au, Ti, Fe, REE, Zr

A, D, E, O

Asia, India, Madhya Bharat

Roy Chowdhury, M. K., 1955, Geological map of Madhya Bharat, showing the important minerals: Plate 1 in- Economic geology and mineral resources of Madhya Bharat by M. K. Roy Chowdhury: Geological Survey of India, Bulletin, Series A, no. 10, 88p., (Calcutta) 1:1,500,000, 1 sheet.

Ba, Al, Cu, Fe, Mn

A, D, E, O

Asia, India, Madhya Pradesh

India. Geological Survey, 1969, Geological and mineral map of Madhya Pradesh: Geological Survey of India, 1:2,250,000, 1 sheet.

Al, Cu, Fe, Pb, Zn, Mn

A, D, E, O

Asia, India, Maharashtra

India. Geological Survey, 1969, Geological and mineral map of Maharashtra: Geological Survey of India, 1:2,250,000, 1 sheet.

Al, Cr, Cu, Fe, Mn

A, D, E, O

Asia, India, Mysore and Goa

India. Geological Survey, 1969, Geological and mineral map of Mysore and Goa: Geological Survey of India, 1:2,250,000, 1 sheet.

Al, Cr, Cu, Au, Fe, Ti, Mn, Mg, Ag

A, D, E, O

Asia, India, Mysore and Goa

India. Geological Survey, 1971, Geological and mineral map of Mysore and Goa: Geological Survey of India, 1:1,000,000, 1 sheet.

Sb, Ba, Al, Be, Cr, Cu, Au, Ti, Fe, Pb, Mg, Mn, Ni

A, D, E, O

Asia, India, Orissa

India. Geological Survey, 1973, Geological and mineral map of Orissa: Geological Survey of India, 1:2,250,000, 1 sheet.

Al, Be, Cr, Cu, Au, Fe, Pb, Mn, REE, Ni, V

A, D, E, O

Asia, India, Rajasthan

India. Geological Survey, 1969, Geological and mineral map of Rajasthan: Geological Survey of India, 1:2,250,000, 1 sheet.

Ba, Be, Cu, Fe, Pb, Zn, Mg, Mn, W, U

A, D, E, O

Asia, India, Tamil Nadu

Krishnan, M. S., 1951, Geological map of Madras, showing mineral occurrences: Plate 12 in- Mineral resources of Madras by M. S. Krishnan: Geological Survey of India, Memoires Vol. 80, (Calcutta) 1:2,027,520, 1 sheet.

Al, Be, Ba, Cu, Cr, Nb, Ta, Au, Pb, Fe, Mn, Mg, Sr, Ti

A, D, E, O

Asia, India, Tamil Nadu and Pondicherry

India. Geological Survey, 1969, Geological and mineral map of Tamil Nadu and Pondicherry: Geological Survey of India, 1:2,250,000, 1 sheet.

Al, Cr, Cu, Pb, Zn, Au, Ti, Fe, Mg, REE, Zr

A, D, E, O

Asia, India, Uttar Pradesh

India. Geological Survey, 1973, Geological and mineral map of Uttar Pradesh: Geological Survey of India, 1:2,250,000, 1 sheet.

Sb, Al, Cu, Fe, Pb, Mg

A, D, E, O

Asia, India, West Bengal, Andaman, and Nicobar Islands

India. Geological Survey, 1973, Geological and mineral map of West Bengal, Andaman and Nicobar Island: Geological Survey of India, 1:2,250,000, 1 sheet.

Cu, Pb, Zn, Cr, W

A, D, E, O

Asia, Indonesia

[World Bank], 1974, Indonesia, mineral map, May 1974.: [World Bank], 1:12,500,000, 1 sheet.

Au, Ag, Pt, Cu, Pb, Zn, Sn, Al, Fe, Ti, Mn, Ni, Cr, Mo, Sb, Hg, Mg, REE, W, Bi

A, D, F, O

Asia, Indonesia

Djumhani, 1981, Distribution map of metallic mineral deposits in Indonesia: Figure 3 in- Metallic mineral deposits of Indonesia, a metallogenic approach by Djumhani: Metallogeny of Asia 1980 (Proceedings of an international symposium on metallogeny of Asia), S. Ishihara and A. Sasaki (eds.), Geological Survey of Japan, Report no. 261, 107-124p., 1:10,000,000, 1 sheet.

Cu, Mo, Au, Zn, Ag, Pb, Sn, Co, Hg, Sb, Ba, Sr, W, Be, Nb, Ta, Li, Fe, Ti, V, Mn, Cr, Ni, Al, K, Mg, B, U, Th

A, C, E, O

Asia, Indonesia

Indonesia. Geological Survey, 1967, Base and precious metals distribution map of Indonesia: Indonesia, Geological Survey, 1:6,000,000, 1 sheet.

Sb, Bi, Cu, Pb, Zn, Hg, Mo, Sn, Zn, Au, Pt, Ag

A, C, F, O

Asia, Indonesia

Indonesia. Geological Survey, 1967, Iron and ferro-alloy metals distribution map of Indonesia: Indonesia, Geological Survey, 1:6,000,000, 1 sheet.

Cr, Co, Fe, Ti, Mn, Mo, Ni, W

A, C, F, O

Asia, Indonesia

Indonesia. Geological Survey, 1964, Distribution map of coal deposits, industrial minerals, and rocks of Indonesia: Plate in- A brief explanatory note to the distribution map of coal deposits, industrial minerals, and rocks of Indonesia by Soetarjo Sigit: Bandung, Republik Indonesia, Departemen Perindustrian Dasar Dan Pertambangan, Direktorat Geologi, 12p., 1964, 1:5,000,000, 1 sheet.

Al, Mg

A, D, F, O

Asia, Iran

Bariand, P., Issakhanian, V., and Sadrzadeh, M., 1965, Preliminary metallogenic map of Iran: Plate in- Preliminary metallogenic map of Iran by P. Bariand and others: Geological Survey of Iran, Report no. 7, 48p., (Tehran) 1:2,500,000, 1 sheet.

Pb, Zn, Cu, Cr, Fe, Mn, As, Sb, Au, U, Ni, Co, W, Mo, Ba, B, V, Bi, Hg

A, C, E, O

Asia, Iran

Bazin, D. and Hubner, H., 1969, Copper occurrences in Iran: Plate 25 in- Copper deposits in Iran by D. Bazin and H. Hubner: Geological Survey of Iran, Report no. 13, 282p., (Tehran) 1:3,000,000, 1 sheet.

Cu

A, D, E, O

Asia, Iran

Sahab Geographical and Drafting Institute, 1963, Iran mineral deposits: (Tehran) Sahab Geographical and Drafting Institute, Map no. 40, 1:3,000,000, 1 sheet.

Fe, Cu, Pb, Zn, Ba, Sb, Mn, Cr, Al, As, Au, Sn, W, Ag, Mg

A, D, F, O

Asia, Iran

Taghizadeh, N. and Mallakpour, M. A., 1976, Mineral distribution map of Iran: (Tehran) Geological Survey of Iran, 1:2,500,000, 2 sheets.

Cu, Pb, Zn, Cr, Mo, W, Fe, Mn, Al, U, Au, Ti, Co, Ni, Sb, Ba, Mg, Sr, As,

A, D, E, S

Asia, Israel

Bentor, Y. K. and Wurzbarger, U., 1964, Mineral resources of Israel: (Jerusalem) Geological Survey of Israel, 1:950,000, 1 sheet.

Fe, Mn, Cu

A, D, F, O

Asia, Japan

Igarashi, Toshio, 1979, Distribution map of lead and zinc ore deposits in Japan: (Takatsu-ku, Kawasaki) Geological Survey of Japan, 1:2,000,000 map series, map no. 17-2, 1:2,000,000, 1 sheet.

Pb, Zn, Au, Ag, Cu, Fe, Ca, Ba

A, C, E, O

Asia, Japan

Igarashi, Toshio, 1979, Distribution map of copper ore deposits in Japan: (Takatsu-ku, Kawasaki) Geological Survey of Japan, 1:2,000,000 map series, no. 17-3, 1:2,000,000, 1 sheet.

Cu, Au, Ag, Pb, Zn, Fe, Ca, Ba

A, C, E, O

Asia, Japan

Igarashi, Toshio and Okano, Takeo, 1979, Distribution map of sulfur, iron sulfide, gypsum and barite ore deposits in Japan: Geological Survey of Japan, map series, no. 17-6, 1:2,000,000, 1 sheet.

Fe, Au, Ag, Cu, Pb, Zn, Ba

A, C, E, O

Asia, Japan

Ishihara, Shunso and Sasaki, Akira, 1973, Metallogenic map of Japan: plutonism and mineralization- (1), Molybdenum, tungsten and tin: Geological Survey of Japan, 1:2,000,000 map series, no. 15-1, 1:2,000,000, 1 sheet.

Mo, W, Sn, Cu, Zn, Pb, Au, Be, Co, As, B

A, C, E, O

Asia, Japan

Japan. Geological Survey, 1957, Mineral province of Japan, I. Mineralization of Quaternary period: Geological Survey of Japan, [1:2,000,000 map series, no. 6 I], 1:2,000,000, 1 sheet.

Mn, Au, Hg, Sn, Fe, Cr, Pt

A, C, E, O

Asia, Japan

Japan. Geological Survey, 1960, Mineral province of Japan, II. Mineralization of Neogene period: Geological Survey of Japan, [1:2,000,000 map series, no. 6 II], 1:2,000,000, 1 sheet.

Au, Ag, Cu, Pb, Zn, Sb, Sn, W, Hg, As, Fe, Mn, U, Ba, Te, Ti

A, C, E, O

Asia, Japan

Japan. Geological Survey, 1960, Mineral province of Japan, III. Mineralization of Mesozoic to Paleogene period: Geological Survey of Japan, [1:2,000,000 map series, no. 6 III], 1:2,000,000, 1 sheet.

Au, Ag, Te, Bi, Cu, Pb, Zn, Fe, Ti, W, Mo, Ni, Co, As, Cr, Ba

A, C, E, O

Asia, Japan

Japan. Geological Survey, 1960, Mineral province of Japan, IV. Mineralization of Paleozoic period: Geological Survey of Japan, [1:2,000,000 map series, no. 6 IV], 1:2,000,000, 1 sheet.

Cu, Fe, Mn, Cr

A, D, E, O

Asia, Japan

Kishimoto, Fumio, Igarashi, Toshio, and Shiina, Noriko, 1979, Distribution map of gold, silver, antimony, mercury and arsenic ore deposits in Japan: (Yatabe-machi, Tsukubagun, Ibaraki-ken) Geological Survey of Japan, 1:2,000,000 map series, no. 17-5, 1:2,000,000, 1 sheet.

Au, Ag, Sb, Hg, As, Cu, Pb, Zn, Fe

A, C, E, O

Asia, Japan

Takashima, Kiyoshi and Igarashi, Toshio, 1973, Metallogenic map of Japan: (Kawasaki) Geological Survey of Japan, 1:2,000,000 map series, no. 14, 1:2,000,000, 1 sheet.

Fe, Ti, Cr, Ni, Co, Au, Ag, Cu, Pb, Zn, Hg, Sb, As, Mo, W, Sn, U, Th, Mn, Al, Ba

A, C, E, O

Asia, Japan

Takashima, Kiyoshi and Igarashi, Toshio, 1979, Distribution map of manganese ore deposits in Japan: (Takatsu-ku, Kawasaki) Geological Survey of Japan, 1:2,000,000 map series, no. 17-4, 1:2,000,000, 1 sheet.

Mn, Fe, Cu, Pb, Zn, Hg, Ni, Co, Zr, Mo, U, Sb

A, C, E, O

Asia, Jordan

German Geological Mission in Jordan, 1964, General map of Jordan, occurrences of metallic and nonmetallic substances, areas of completed, present and planned field work: [German Geological Mission], 1:750,000, 1 sheet.

Fe, Mn, Cu, Pb, U, Cr, K, Ba

A, D, E, O

Asia, Korea

Kim, S. E. and Hwang, D. H., 1983, Metallogenic map of Korea: Korea Institute of Energy and Resources, 1:1,000,000, 1 sheet.

W, Sn, Be, Nb, Ta, Li, Fe, Ti, V, Cu, Mo, Au, Pb, Zn, Ag, Co, Cr, Ni, Ca, K, Mg, Sr, U, V, Th, Mn, Al

A, C, E, O

Asia, Korea

Korea. Geological Survey, 1963, Map showing distribution of metallic mineral resources in Korea: Korea, Geological Survey, 1:2,000,000, 1 sheet.

Au, Ag, Cu, Pb, Zn

A, C, F, O

Asia, Korea

Korea. Geological Survey, 1963, Map showing distribution of metal mines in Korea: Korea, Geological Survey, 1:2,000,000, 1 sheet.

Mo, W, Fe, Bi, Mn, Ni, Sn, Cr, Co, Li, Be, Ta, U, REE

A, D, F, O

Asia, Malaysia

Bean, J. H., 1969, Malaysia barat, showing the locations of principal iron-ore deposits: (Ipoh) Geological Survey of West Malaysia, 1:760,320, 1 sheet.

Fe

A, D, F, O

Asia, Malaysia

Bean, J. H., 1966, Malaya, mineral distribution map, 4th ed.: Geological Survey, Federation of Malaysia (Malaya), 1:500,000, 2 sheets.

Ba, Be, Ti, Al, Sn, Ti, REE, Zr, Th, Cu, Zn, Pb, Au, Ag, Fe, Mn, Cr, Co, V, Mo, W, Hg, Sb, Bi, Nb, Ta

A, D, F, O

Asia, Malaysia

Leong, K. M., 1976, Peta taburan galian Sabah, Malaysia (Mineral distribution map of Sabah): (Kuala Lumpur) Geological Survey of Malaysia, 1:500,000, 1 sheet.

Al, Fe, Sb, Cr, Cu, Au, Pb, Mg, Mn, Hg, Mo, Ni, Ag, W, Zn

A, D, E, O

Asia, Malaysia

Malaysia. Department of Mines, 1966, Malaysia, Negri Tanah Melaya Peta Kwasan Perlombongan Yang Giat (Active mining fields map): Malaysia, Department of Mines, 1:760,320, 1 sheet.

Al, Cu, Au, Fe, Nb, Ta, Sn, Ti, Zr, REE, W

A, D, F, O

Asia, Malaysia

Rajah, S. S., Chand, Fatch, and Chin, A. P., 1976, Peta taburan galian semenanjung Malaysia (Mineral distribution map of peninsular Malaysia, 7th ed.): (Ipoh) Geological Survey of Malaysia, 1:500,000, 2 sheets.

Fe, Mn, Cr, Co, Ni, Mo, W, V, Cu, Zn, Pb, Au, Hg, Sb, Bi, Nb, Ta, U, Sn, Zr, Th, Y, Be, Ti, Al, Ba, Li

A, D, E, O

Asia, Mongolia

Marinov, N. A., 1973, Karta poleznykh iskopaemykh Mongol'skoi Narodnoi Respubliki, 1971: (Moscow) USSR, Upravlenie Geodezii i Kartografii, 1:1,500,000, 6 sheets.

Pb, Zn, Ba, V, Cr, Au, Mo, W, Sn, Bi, Sb, Hg, Na, Hg, Al, Fe, Mn, Cr, Ti, Ni, Co, Ag, As, Mg

A, C, E, O

Asia, Pakistan

Pakistan. Geological Survey., 1959, Mineral map of West Pakistan: Figure 1 in- Mineral deposits and showings in northern part of West Pakistan by S. Tayyab Ali: Geological Survey of Pakistan, Information release no. 2, 36p., (Karachi) 1:1,000,000, 2 sheets.

Al, Sb, As, Ba, Be, Sn, Cr, Cu, Au, Fe, Ti, Pb, Mg, Mn, Hg, K, W, V, Zn, Zr, Radioactive elements

A, D, F, O

Asia, Pakistan

Pakistan. Geological Survey, [s.d.], Mineral map of Pakistan: Geological Survey of Pakistan, 1:3,200,000, 1 sheet.

Al, Sb, As, Be, Ba, Hg, Cu, Cr, Au, Pb, Fe, Mn, Mg, Sr

A, D, F, O

Asia, Philippines

Harrington, J. F., 1963, Principal iron ore deposits of the Philippines: Plate in- Philippines plans for production of iron and steel by J. F. Harrington: (unpublished report), Manila, United States Agency for International Development and United States Geological Survey, 14p., 1963, 1:1,600,000, 3 sheets.

Fe

A, C, F, O

Asia, Philippines

Philippines. Geological Survey Division, 1973, Mineral distribution map of the Philippines: Philippines, Geological Survey Division, 1:2,500,000, 1 sheet.

Cr, Ni, Fe, Mn, Cu, Hg, Pb, Zn, Au, Ba

A, D, E, O

Asia, Philippines

Philippines. Bureau of Mines, 1964, Mineral distribution map of the Philippines: Iron and ferro-alloy metals: (Manila) Philippines, Bureau of Mines, sheet 1 of 6, 1:2,500,000, 1 sheet.

Cr, Fe, Mn, Mo, Ni, Al, Co, Pt, Cu, U

A, D, F, O

Asia, Philippines

Philippines. Bureau of Mines, 1964, Mineral distribution map of the Philippines: Base metals: (Manila) Philippines, Bureau of Mines, sheet 2 of 6, 1:2,500,000, 1 sheet.

Al, Sb, Cd, Cu, Zn, Pb, Hg, As, Au, Fe, Mo, Ag
A, D, F, O

Asia, Philippines

Philippines. Bureau of Mines, 1964, Mineral distribution map of the Philippines: Precious and rare metals: (Manila) Philippines, Bureau of Mines, sheet 3 of 6, 1:2,500,000, 1 sheet.

Au, Ag, Pt, U, Cu, Pb, Zn, As, Cd,
A, D, F, O

Asia, Philippines

Republic of the Philippines. Bureau of Mines, 1964, Mineral distribution map of the Philippines: (Manila) Republic of the Philippines, Bureau of Mines, 1:2,500,000, set of 6 maps.

Cr, Fe, Mn, Mo, Ni, Al, Sb, Cd, Cu, Zn, Pb, Hg, Au, Ag, Pt, U, Mg, As, Ba
A, D, F, O

Asia, Saudi Arabia

Daalhoff, Hans van, 1974, Mineral locality map of the Arabian Shield, Plate 1- Metalliferous minerals: (Jiddah, Saudi Arabia) Saudi Arabia Directorate General of Mineral Resources, Geologic map, GM 15, 1:2,000,000, 1 sheet.

Au, Ag, Cu, Pb, Zn, Fe, Ti, W, Cr, Ni, Mo, Nb, Ta, U, Sn, Zr, Th
A, D, F, O

Asia, Saudi Arabia

Delfour, J., 1980, Arabian shield- generalized geology and mineral deposits: Plate 1 in- Geologic, tectonic and metallogenic evolution of the northern part of the Precambrian Arabian Shield (Kingdom of Saudi Arabia): Bureau de Recherches Geologique et Minières, Bull. (Ser. 2), Sect. 2, Geol. Gites Miner. 1-2, 1-19 p., 1:2,500,000, 1 sheet.

Au, W, Mo, Cu, Sb, Ag, Pb, Zn, Fe, Ni, Th, Ta, Nb, Y, REE, Be, Cr, Ti, polymetallic
A, C, E, O

Asia, Syria

Kazmin, V., 1964, Map of mineral resources of Syria: Syrian Arab Republic, Ministry of Industry, Department of Geological and Mineral Research, 1:1,000,000, 1 sheet.

Fe, Mn, Cr
A, D, E, O

Asia, Thailand

Angkatavanich, Ngarmpis, 1975, Mineral resources of Thailand- manganese: (Bangkok) Thailand, Economic Geology Division, 1:2,500,000, 1 sheet.

Mn

A, D, E, O

Asia, Thailand

Angkatavanich, Ngarmpis, 1975, Mineral resources of Thailand- tungsten: (Bangkok) Thailand, Economic Geology Division, 1:2,500,000, 1 sheet.

W

A, D, E, O

Asia, Thailand

Angkatavanich, Ngarmpis, 1975, Mineral resources of Thailand- tin: (Bangkok) Thailand, Economic Geology Division, 1:2,500,000, 1 sheet.

Sn

A, D, E, O

Asia, Thailand

Angkatavanich, Ngarmpis, 1975, Mineral resources of Thailand- iron: (Bangkok) Thailand, Economic Geology Division, 1:2,500,000, 1 sheet.

Fe

A, D, E, O

Asia, Thailand

Angkatavanich, Ngarmpis, 1975, Mineral resources of Thailand- barite: (Bangkok) Thailand, Economic Geology Division, 1:2,500,000, 1 sheet.

Ba

A, D, E, O

Asia, Turkey

Turkey. Maden Tetkik ve Arama Enstitüsü, 1960, Distribution of mineral occurrences in Turkey: (Haziran) Turkey, Maden Tetkik ve Arama Enstitüsü, 1:2,500,000, 1 sheet.

Au, Sb, As, Cu, Ba, Hg, Fe, Ag, Cr, Pb, Zn, Mg, Mn, Mo, Ni, W

A, D, F, O

Australia and Oceania, Australia

Department of National Development, 1965, Mineral Deposits: Department of National Development, Atlas of Australian Resources, second series, 1:6,000,000, 1 sheet.

Al, Sb, As, Bi, Cd, Cr, Co, Cu, Au, Fe, Pb, Li, Mn, Mo, Ni, Pt, Ti, Ag, Sn, W, U, Zn, Zr

A, D, F, S

Australia and Oceania, Australia

Wilford, G. E., Truswell, E. M., and D'Addaria, G. W., 1984, Cainozoic geology and mineral deposits of Australia: Bureau of Mineral Resources, Australia, 1:10,000,000, 1 sheet.

Al, U, Fe, Mn, Sn, Au, Ni

A, C, E, O

Australia and Oceania, Australia, New South Wales

Bowman, H. N., 1976, Forbes 1:250,000 metallogenic map: Geological Survey of New South Wales, Metallogenic map series, SI 55-7, 1:250,000, 1 sheet.

Au, Ag, Cu, Pb, Zn, Sn, Bi, Fe, Mn, Ti, Ba

A, C, E, S

Australia and Oceania, Australia, New South Wales

Bowman, H. N., Richardson, S. J., and Dolanski, J., 1982, Narromine 1:250,000 metallogenic map: Geological Survey of New South Wales, Metallogenic map series, SI55-3, 1:250,000.

Au, Ag, Cu, Pb, Zn, Pt, Fe, Sn, Mn, Ni, W, Al

A, C, E, S

Australia and Oceania, Australia, New South Wales

Degeling, P.R., 1977, Wagga Wagga 1:250,000 metallogenic map: Geological Survey of New South Wales, Metallogenic map series, SI 55-15, 1:250,000, 1 sheet.

Au, Ag, Cu, As, Pb, Zn, W, Sn, Mo, Cr, Bi, Mn, Fe

A, C, E, S

Australia and Oceania, Australia, New South Wales

Felton, E. A., 1974, Goulburn 1:250,000 metallogenic map: Geological Survey of New South Wales, Metallogenic map Series, SI 55-12, 1:250,000, 1 sheet.

Au, Ag, Cu, Pb, Zn, W, Sn, Mo, Bi, Sb, Fe, Ba

A, C, E, S

Australia and Oceania, Australia, New South Wales

Fitzpatrick, K. R., 1979, Cootamundra 1:250,000 metallogenic map: Geological Survey of New South Wales, Metallogenic map series, SI55-11, 1:250,000.

Au, Ag, Cu, Pb, Zn, Sn, Cr, Ni, Mn, Ba

A, C, E, S

Australia and Oceania, Australia, New South Wales

Gilligan, L. B. , 1974, Canberra 1:250,000 metallogenic map: Geological Survey of New South Wales, Metallogenic map series, SI 55-16, 1:250,000, 1 sheet.

Au, Ag, Cu, Fe, Pb, Zn, W, Mo, Bi, Co, Sb, Mn, Ba

A, C, E, S

Australia and Oceania, Australia, New South Wales

Herzberger, G. A., Barnes, R. G., and Bowman, H. N., 1978, Bega 1:250,000 metallogenic map: Geological Survey of New South Wales, metallogenic map series, SI55-4, 1:250,000.

Au, Ag, Zn, As, Pb, W, Bi, Sb, Fe, Mn, Ba, Mo, Cu, Sn

A, C, E, S

Australia and Oceania, Australia, New South Wales

Heugh, J. P., 1979, Cargelligo-Narrandera 1:250,000 metallogenic map: Geological Survey of New South Wales, Metallogenic map series SI 56-6, 1:250,000, 1 sheet.

Au, Ag, Cu, Pb, Zn, W, S

A, C, E, S

Australia and Oceania, Australia, New South Wales

Lloyd, J. C., 1962, Mineral map of New South Wales: New South Wales, Dept. of Mines, 1:3,000,000, 1 sheet.

Sn, Fe, Mn, Ti, Sb, Au, Pb, Zn, Ag, Cu, U

A, D, F, O

Australia and Oceania, Australia, New South Wales

Matson, C. R., 1974, Dubbo 1:250,000 metallogenic map: Geological Survey of New South Wales, Metallogenic map series, SI 55-4, 1:250,000, 1 sheet.

Au, Ag, Cu, Fe, Pb, Zn, W, Mo, Hg, Sb, Ba

A, C, E, S

Australia and Oceania, Australia, New South Wales

McIlveen, G. R., 1980, Sydney 1:500,000 metallogenic map: Geological Survey of New South Wales, Metallogenic map series, 1:500,000.

Au, Ag, Cu, Pb, Zn, Sn, Sb, Mo, As, Fe, Mn, Al, Pt, Ba

A, C, E, S

Australia and Oceania, Australia, New South Wales

McIlveen, G. R., 1974, Ulladulla 1:250,000 metallogenic map: Geological Survey of New South Wales, Metallogenic map series, SI 55-13, 1:250,000, 1 sheet.

Au, Ag, Cu, As, Pb, Zn, Sn, Bi

A, C, E, S

Australia and Oceania, Australia, New South Wales

Stevens, B. P. J., 1972, Bathurst 1:250,000 metallogenic map: Geological Survey of New South Wales, Metallogenic map series, SI 55-8, 1:250,000, 1 sheet.

Au, Ag, Cu, As, Fe, Pb, Zn, W, Sn, Mo, Bi, U, Co, Ni, Sb, Mn, Ba, P

A, C, E, S

Australia and Oceania, Australia, Queensland

Queensland Department of Mines, 1984, Queensland Mineral Resources: Queensland Department of Mines , 1:250,000, 1 sheet.

Al, Co, Cu, Au, Pb, Mo, Ni, Ag, Sn, W, U, V, Zn

A, D, F, O

Australia and Oceania, Australia, Queensland

Queensland. Dept. of Mines., 1976, Queensland, mineral occurrences: (Brisbane) Queensland, Dept. of Mines, 1:5,000,000, 1 sheet.

Ag, As, Au, Be, Bi, Al, Co, Cr, Cu, Fe, Hg, Mn, Mo, Ni, Pb, Sb, Sn, Ti, U, W, Zn, Zr

A, D, F, O

Australia and Oceania, Australia, Queensland

Queensland. Dept. of Mines, 1973, 1973 mineral production: (Brisbane) Queensland, Dept. of Mines, 1:12,000,000, 1 sheet.

Sb, Al, Bi, Co, Cu, Au, Fe, Pb, Mn, Hg, Mo, Ni, Ag, Sn, U, W, Zn

A, D, F, O

Australia and Oceania, Australia, Queensland

Queensland. Geological Survey, 1966, Queensland, showing distribution of principal mineral occurrences: (Brisbane) Geological Survey of Queensland, 1:5,200,000, 1 sheet.

Sb, As, Ba, Al, Be, Bi, Cd, Cr, Co, Cu, Au, Fe, Pb, Mg, Mn, Hg, Mo, Ag, Ta, Nb, Sn, W, U, Zn

A, D, F, O

Australia and Oceania, Australia, South Australia

South Australian Department of Mines and Energy, 1985, Mineral Resources of South Australia: South Australian Department of Mines and Energy, 1:7,000,000, 1 sheet.

Ba, Cu, Au, Fe, U, Zn

A, D, F, O

Australia and Oceania, Australia, Victoria

Victoria. Geological Survey, 1970, Mineral deposits, Victoria: Victoria, Geological Survey, 1:1,000,000, 1 sheet.

Al, Sb, Hg, As, Ba, Cr, Pt, Co, Ni, Cu, Au, Fe, Ti, Mg, Pb, Zn, Ag, Mn, Mo, Sn, W, Bi, K, Th, U

A, D, F, O

Australia and Oceania, Australia, Victoria

Victorian Department of Minerals and Energy, 1981, Minerals map of Victoria: Victorian Department of Minerals and Energy, 1:1,000,000, 1 sheet.

Al, Ba, F, Co, Ni, Cr, Pt, Cu, Fe, Mn, Mo, Sn, W, Bi, Ta, Pb, Zn, Ag, Au, Sb, Hg, As, Th, U

A, D, F, O

Australia and Oceania, Australia, Western Australia

Geological Survey of Western Australia, 1981, Mineral Deposits of Western Australia: Western Australian Department of Mines, 1:2,500,000, 1 sheet.

Al, Cu, Fe, Pb, Zn, Sb, As, Bi, Cr, Co, Mn, Mo, Ni, Ta, Sn, Ti, W, V, Au, Ag, Pt

A, D, F, S

Australia and Oceania, Australia, Western Australia

Western Australia. Dept. of Mines, 1970, Western Australia, reported mineral occurrences: (Perth) Western Australia, Department of Mines, 1:2,500,000, 1 sheet.

Sb, Al, Be, Bi, Cr, Cu, Fe, Mn, Pb, Li, Mg, Mo, Ni, Sn, Ta, Nb, Ti, W, Zn

A, D, F, O

Australia and Oceania, Australia, Western Australia

Western Australia. Dept. of Mines, 1977, Iron map of Western Australia: (Perth) Western Australia, Department of Mines, 1:2,534,400, 1 sheet.

Fe

A, D, F, O

Australia and Oceania, Australia and Papua New Guinea

Warren, R. G., 1971, Metallogenic map, Australia and Papua, New Guinea: (Canberra) Australia, Bureau of Mineral Resources, Geology and Geophysics, and Commission for the Geological Map of the World, Subcommission for the Metallogenic Map of the World, 1:5,000,000, 1 sheet.

Al, Au, Cu, Mn, U, Fe, V, Ti, Zn, Pb, Ag, Sn, W, Bi, Sb, Hg, Be, Ta, Nb, Li, Th, Ni, Cr, Co, Pt

A, C, E, S

Australia and Oceania, New Caledonia

Office de la Recherche Scientifique et Technique Outre-Mer, 1981, Metallic and industrial mineral deposits: Office de la Recherche Scientifique et Technique Outre-Mer, Atlas of New Caledonia, 1:1,000,000, 1 sheet.

Ni, Cr, Cu, Au, As, Fe, Mn, Ti, Pb, Zn, Ag, Sb, Hg, Mo, W

A, C, E, S

Australia and Oceania, Pacific Islands, Fiji, Viti Levu

Colley, Howard, 1976, Metallogenic map of Viti Levu: in- Mineral deposits of Fiji (metallic deposits) by Howard Colley: Fiji, Mineral Resources Division, Memoire no. 1, (Suva) 1:250,000, 1 sheet.

Cu, Pb, Zn, Fe, Au, Ag, Mn

A, C, E, O

Australia and Oceania, Pacific Islands, Solomon Islands

Arthurs, J. W., 1979, Mineral Occurrences in the Solomon Islands: Solomon Islands Geological Survey Bulletin, No. 13, (Honiara) Bulletin, No. 13, 1:1,000,000, 1 sheet.

Au, Cu, Mn, Al, Ni, Cr, Asbestos

A, C, E, O

Australia and Oceania, Pacific Islands, Solomon Islands

Arthurs, J. W., 1979, Mineral Occurrences Map of the Solomon Islands: Solomon Islands Geological Survey, 1:1,000,000, 1 sheet.

Al, Cr, Fe, Cu, Au, Ti, Mn, Ni, Zn, Ag, Mo, Pb

A, C, E, S

Australia and Oceania, Papua New Guinea

Grainger, D. J. and Grainger, R. L., 1973, Mineral Deposits of Papua New Guinea: Bureau of Mineral Resources, Australia, 1:2,500,000, 1 sheet.

Au, Pt, Ag, Al, Cu, Pb, Zn, Cr, Fe, Ni, Mo, Mn, Hg

A, D, F, S

Central America

Instituto Centroamericano de Investigacion y Tecnologia Industrial, 1969, Mapa Metalogenetico de America Central, 1:2,000,000: Accompanies- Estudios metalogeneticos de America Central by E. Levy and G. Dengo: Instituto Centroamericano de Investigacion y Tecnologia Industrial, Publicaciones Geologicas del ICAITI numero 3, 57p., 1970, 1:2,000,000.

W, Sn, Fe, Ti, Cu, Mo, Au, Ag, Pb, Zn, Cr, Ni, Co, K, Ca, Mg, Hg, Sb, Ba, U, V, Th, Mn, Al

A, C, E, O

Central America, Costa Rica

Castro Munoz, J. F. and Vargas Ramirez, J. E., 1982, Mapa de Recursos minerales de Costa Rica: Costa Rica, Ministerio de Industria, Energia y Minas, Direccion de Geologia y Minas, 1:750,000, 1 sheet.

Al, Cu, Mn, Au, Ag, Pb, Zn, Cr

A, D, F, O

Central America, Costa Rica

Costa Rica. Departamento de Geologia, Minas y Petroleo, [1962], Mapa de recursos minerales de Costa Rica: (San Jose) Costa Rica, Departamento de Geologia, Minas y Petroleo, 1:750,000, 1 sheet.

Al, Zn, Pb, Cu, Fe, Mn, Au, Ag

A, D, F, O

Central America, Costa Rica

Sandoval Molina, L. F. and others, 1977, Mapa metalogenetico de Costa Rica: (San Jose) Costa Rica, Direccion de Geologia, Minas y Petroleo, 1:500,000, 1 sheet.

Fe, Cu, Au, Ag, Pb, Zn, Mn, Al, Cr

A, C, E, O

Central America, Guatemala

Guatemala. Departamento de Minería, 1963, Mapa preliminar de localizacion de recursos minerales de Guatemala: Guatemala, Departamento de Minería, 1:750,000, 1 sheet.

Pb, Zn, Cu, Fe, Sb, Ti, Mg, Mn, Ni, Cd, Cr, W, Co, Ba, Ag, Au

A, D, F, O

Central America, Nicaragua

Nicaragua. Servicio Geologico Nacional, 1956, Mapa de los depositos minerales de Nicaragua: Nicaragua, Servicio Geologico Nacional, 1:950,000, 1 sheet.

Au, Ag, Fe, Cu, Pb, Sb

A, D, F, O

Central America, Nicaragua

Nicaragua. Servicio Geologico Nacional, 1957, Depositos minerales de Nicaragua: (Managua) Nicaragua Servicio Geologico Nacional, 1:1,100,000, 1 sheet.

Au, Ag, Fe, Cu, Pb, Sb

A, D, F, O

Europe

Commission de la Carte Geologique du Monde. Sous-commission de la Carte Metallogenique, 1970-1973, Carte internationale des gisements de fer de l'Europe: (Hannover) Bundesanstalt fur Bodenforschung, 1:2,500,000, 16 sheets.

Fe, Mn

A, C, E, S

Europe

Commission de la Carte Geologique de Monde. Sous-commission de la Carte Metallogenique, 1968-1982, Carte metallogenique de l'Europe et des pays limitrophes a 1:2500000: (Paris) UNESCO and France, Bureau de Recherches Geologiques et Minieres, 1:2,500,000, 9 sheets.

Cu, Fe, Mg, Ba, Sr, Pb, Zn, Ag, Cr, Pt, Be, Li, Nb, Ta, Th, Zr, Mo, Sn, W, Bi, Ti, Mn, Al, U, V, Au, Co, Ni, As, Hg, Sb

A, C, E, O

Europe, Alps, west

Hugi, Th., Queruain, F. de, and Hofmanner, F., 1962, Übersichtskarte der Uran- und Thorium-mineralisationen der Westalpen: Arbeitsausschuss fur die Untersuchung Schweizerischer Mineralien und Gestein auf Atombrennstoffe und Seltene Elements, und von der Schweizerischen Geotechnische Kommission, 1:500,000, 1 sheet.

U, Th

A, C, E, O

Europe, Austria

Austria. Geologische Bundesanstalt, 1964, Karte der Lagerstätten mineralischer Rohstoffe der Republik Österreich: (Wien) Austria, Geologische Bundesanstalt, 1:1,000,000, 1 sheet.

Mn, Al, Cr, W, Zn, Fe, Mo, Pb, Cu, Ni, Ag, Au, Sb, Hg, As

A, D, E, O

Europe, Carpathian Mountains

Karpato Balkanskaia Geologicheskaiia Assotsiatsiia, 1973, Metallogenicheskaiia karta Karpato Balkanskaia Geologicheskaiia Assotsiatsiia, 1:1,000,000, 2 sheets.

Fe, Mo, Mn, U, Al, Pb, Zn, Cu, Au, Hg, Sb, Cr, Ni, Mg, Hg, As, Te, Bi, K, Ag, V, W, Ba, U

A, C, E, O

Europe, Carpathian-Balkan Region

Sovet ekonomicheskoi vzaimopomoshchi. Postoiannaia komissiia po geologii, Delegatsiia SSSR, 1977, Karta rydnykh formatsii Karpato-Balkanskoi oblastic (Map of mineral formations of the Carpathian-Balkan region): (Moskva) Ministerstvo geologii SSSR, 1:1,000,000, 9 sheets.

Mn, Ni, Co, Sn, W, Mo, Cu, Pb, Zn, Au, Bi, Te, Sb, Hg, Al, Fe, Ba

A, C, E, O

Europe, Czechoslovakia

Dudek, A. and others, 1966, Mineral deposits map of Czechoslovakia: (Prague) Czechoslovakia, Ustredni Ustav Geologicky, 1:1,000,000, 1 sheet.

Fe, Cu, Mn, Ni, Ba, Ag, Bi, Co, Au, Hg, Pb, Zn, Sb, Sn, W, Mo, polymetallic

A, D, E, O

Europe, Czechoslovakia

Ilavsky, J. and Sattran, V., 1980, Metallogenic map of Czechoslovakia: (Bratislava) Czechoslovakia, Geologicky ustav Dionyza Stura, 1:500,000.

Fe, Ti, Mn, Cr, Ni, Co, Bi, Cu, Pb, Zn, Mo, U, Sn, W, Li, Be, Au, Ag, polymetallic, Hg, Ba, Sb, Ge

A, C, E, O

Europe, Czechoslovakia

Ilavsky, J. and Sattran, V., 1966, Metallogenic map of Czechoslovakia: (Prague) Ustredni Ustav Geologicky, 1:1,000,000, 1 sheet.

Sn, W, Mo, Be, Au, Cu, Cr, Ti, Zr, Ni, Co, U, Ba, Pb, Zn, Ag, Sb, Hg, Bi, Fe, Mn, Al, REE

A, D, E, O

Europe, Czechoslovakia and German Democratic Republic

Wasternack, J., 1974, Metallogenic map of the Krusne Hory/Erzgebirge, 1:200,000: (Berlin) Zentral Geologisches Institut, 1:200,000, 1 sheet.

Sn, W, polymetallic, Ni, Cu, Ag, Sb, Ba, Fe, Mn, As, Bi, Co, Pb, Zn

A, C, E, O

Europe, England and Wales

Great Britain. Geological Survey, 1935, Map of the iron ores of England and Wales: (Southampton) Great Britain, Ordnance Survey, 1:1,000,000, 1 sheet.

Fe

A, C, F, O

Europe, England, southwest

Great Britain. Ministry of Housing and Local Government South West Regional Office, 1967, Mineral resources [of southwest England]: Great Britain, Ministry of Housing and Local Government, 1:750,000, 1 sheet.

Sn

A, D, F, O

Europe, Finland

Kahma, A. A., 1973, Metallogenic map of Finland: Accompanies- The main metallogenic features of Finland by Aarno Kahma: Geologinen Tutkimuslaitos (Geological Survey of Finland), Bulletin 265, 28p. , (Otaniemi) 1:2,000,000, 1 sheet.

Cu, Fe, Cr, Pb, Zn, Mo, W, Sn, Fe, Ti, Mn, U, V, Au, Ni, Co, Sb, Be, Li, Nb, Ta, REE

A, C, E, O

Europe, Finland

Kahma, A. A., Saltikoff, B., and Lindberg, E., 1976, Suomen malmiesiintymät (Ore deposits of Finland): (Helsinki) Maanmittaushallituksen karttapaino, 1:1,000,000, 1 sheet.

Au, Pb, Zn, Ag, Cu, Ni, Co, Sb, Mo, W, Sn, Fe, Ti, Mn, Cr, V, U, Th, Al, Be, Hg, Li, Nb, Ta, Pt, Zr, REE

A, D, E, O

Europe, France

France. Bureau de Recherches Geologiques et Minieres, 1960, Carte des gites mineraux de la France: France, Bureau de Recherches Geologiques et Minieres, 1:320,000, 16 sheets.

Pb, Zn, Cu, U, Sn, W, Sb, Co, Ni, Fe, Cr, Ag, Ti, Au, As, Mo, Mn, Li, Be, Al, Ba, Bi, V

A, C, E, O

Europe, France

France. Direction des Mines. Bureau de Documentation Miniere, 1963, Carte des ressources minerales de la France: (Paris) Compagnie Francaise d'Editions, 1:1,000,000, 1 sheet.

Pb, Zn, Cu, Ag, U, W, Sn, Mo, Bi, As, Sb, Fe, Mn, Ni, Al, K, Li, Ba, Au

A, D, F, O

Europe, France

France. Service geologique national, [s.d.], Carte des gites mineraux de la France a 1:500,000: (Orleans) France, Bureau de Recherches Geologiques et Minieres, 1:500,000.

Pb, Zn, Ag, Cu, Sn, W, Mo, Bi, Be, Li, Nb, Ta, Zr, Th, Eu, U, Sb, As, Au, Ni, Co, Cr, Pt, Hg, Fe, Mn, Ti, Al, Ba, Sr, Mg, K

A, C, E, O

Europe, France

Horon, O., 1962, Carte des gisements de fer de la France: (Paris) France, Bureau de Recherches Geologiques et Minieres, 1:1,000,000, 2 sheets.

Fe, Mn

A, C, E, O

Europe, France

Rouveyrol, P., 1979, Carte miniere de la France: (Orleans) France, Bureau de Recherches Geologiques et Minieres, 1:1,500,000, 1 sheet.

Pb, Zn, Mg, Fe, Al, U, Au, Sb, As, Bi, Sn, W, Li, Cu, Fe, Ba, K

A, D, F, O

Europe, France and West Germany

Agard, J. and others, 1975, Carte metallogenique des massifs des Vosges et de la Foret-Noire: (Orleans) France, Bureau de Recherches Geologiques et Minieres, 1:400,000, 1 sheet.

Sn, W, Mo, Pb, Zn, Ba, As, Au, Sb, Ag, Cu, U, Ni, Co, Nb, Fe, Mn, Bi, U, Ba, K

A, C, E, O

Europe, Greece

Greece, Institouton Geologias kai Ereunon Hypedaphous, 1965, Metallogenetikos chartes tes Ellados (Carte metallogenique de la Grece): (Athens) Greece, Institouton Geologias kai Ereunon Hypedaphous, 1:1,000,000, 1 sheet.

Mn, Al, Ni, Fe, Mg, Cu, Mo, Sb, W, Ti, As, Cr, Ba, Au, Ag

A, C, E, O

Europe, Hungary

Geza, Csaszar, Janos, Haas, and Eموke, J. E., 1978, A Dunantuli-kozephegyseg bauxitfoldtani terkepe: a Kainozoos kepzodmenyek elhagyasaval: (Budapest) Magyar Allami Foldtani Intezet, 1:100,000, 4 sheets.

Al

A, C, E, O

Europe, Italy

Italy. Servizio Geologico, 1973, Carta mineraria d'Italia: (Roma) Italy, Servizio Geologico, 1:1,000,000, 2 sheets.

Fe, Mn, Ni, Co, Cr, Ti, Hg, Sb, As, Cu, Pb, Zn, Ag, Ba, Sr, Al, Au, Be, Mo, Sn, W, U
A, C, E, O

Europe, Italy, Sardinia

Marcello, A., Pretti, S., and Salvadori, I., 1978, Carta metallogenica della Sardegna: (Cagliari) Servizio Geologico D'Italia, 1:250,000, 1 sheet.

Pb, Zn, Ag, Ba, Cu, Co, Ni, Ti, Fe, Mn, Sn, W, Mo, Sb, As, Au, U, Th, Al
A, C, E, O

Europe, Norway, northern

Poulsen, A. O., 1958, Norges gruver og malmforekomster (mines and ore deposits of Norway), II, Nord-Norge (northern Norway): (Oslo) Norges Geologiske Undersokelse, 1:1,000,000, 1 sheet.

Cu, Fe, Ti, Mn, Zn, Pb, Ni, Mo, Cr, Au, Ag, As, U
A, D, F, O

Europe, Poland

Osika, Roman, 1969, Mineralogenic map of Poland: Wydawnictwa Geologiczne, 1:1,000,000, 1 sheet.

Fe, Mn, Al, Cu, Zn, Pb, Ag, Ni, Sn, Co, As, Au, Cr, U, K, Ba
A, C, E, O

Europe, Poland

Osika, Roman, 1971, Map of mineral deposits of Poland: Poland, Geological Institute, 1:500,000, 4 sheets.

Fe, Cu, Zn, Pb, Ni, Co, Sn, As, Al, U, Au, Ag, Mn
A, C, E, O

Europe, Poland

Poland. Instytut Geologiczny, 1970, Metallogenetic [map of Poland]: Plate 3 in- Mineralogenic atlas of Poland, edited by Roman Osika: Instytut Geologiczny, 20p., (Warsaw) 1:2,000,000, 1 sheet.

Fe, Mn, Al, Cu, Zn, Pb, Ag, Ni, Sn, Co, As, Au, Cr, Ba, Mg
A, C, E, O

Europe, Portugal

Carlos, Teixeira, 1972, Carta geologica de Portugal, 4 edicao: Portugal, Servicos Geologicos, 1:500,000, 2 sheets.

Ag, Au, Ba, Cu, Fe, Li, Mn, Mo, Nb, Pb, Sb, Sn, Ta, Ti, U, W, Zn
A, D, E, O

Europe, Portugal

Portugal. Servicos Geologicos, 1960, Carta Mineraria de Portugal: Servicos Geologicos de Portugal, 1:500,000, 2 sheets.

Sb, As, Ba, Be, Pb, Cu, Cr, Fe, Sn, Li, Mn, Mo, Au, Ag, Ta, Nb, Ti, U, W, Zn
A, D, E, O

Europe, Romania

Radulescu, Dan and others, 1969, Republique Socialiste de Roumanie, carte des substances minerales utiles: Accompanies- Atlasul geologic, no. 8, Harta substantelor minerale utile by H. Krautner and others: Rumania Institutul Geologic, 64p., (Bucuresti) 1:1,000,000, 1 sheet.

Fe, Mn, Cr, Ti, Zr, Au, Ag, Cu, Pb, Zn, Hg, Mo, Ni, Al, Mg
A, C, E, O

Europe, Romania

Radulescu, Dan and others, 1970, Republica Socialista Romania, harta metalogenetica (Republique Socialiste de Roumanie, carte metallogenique): Accompanies- Atlasul Geologic, no. 9, Harta metalogenetica by H. Savu, M. Borcos, and H. Krautner: Rumania Institutul Geologic, 38p., (Bucuresti) 1:1,000,000, 1 sheet.

Al, Mn, Cu, Hg, Au, Pb, W, Zn, Ge, Te, Mo, Bi, Ba, Cr, Fe, K, Ti, Cd, Se, Ni,
polymetallic
A, D, F, O

Europe, southeastern

Petrascheck, Walther E., 1980, Karte Der Bodenschätze: (Vienna) Österreichisches Ost-und Südosteuropa Institut, Wien 1010 Josefsplatz, Atlas der Donualänder, 1:2,000,000, 1 sheet.

Fe, Ti, Cr, Ni, Mn, Bi, W, Mo, Sn, Cu, Pb, Zn, Sb, Hg, Au, Ag, U, Al, Py, Ba, B, C,
F, Na, K, Mg, Ta, Coal, Oil, Gas
A, C, E, S

Europe, Spain

Seix Barral, S. A., 1967, Espana: mapa minero-industrial: (Barcelona) 1:1,100,000, 1 sheet.

Fe, Hg, Sn, Pb, Zn, Cu, K, Sb, Al
A, D, F, O

Europe, Spain

Spain. Instituto Geologico y Minero, 1964, Mapa minero de Espana, excluidos hierro y carbon, 2 ed.: (Madrid) Spain, Instituto Geologico y Minero, 1:1,000,000, 1 sheet.

Al, Sb, As, Ba, Be, Bi, Zn, Co, Cu, Cr, Sn, Sr, Li, Mg, Mn, Hg, Mo, Ni, Au, Ag, Pb,
K, Ta, Nb, Ti, U, V, W
A, D, E, O

Europe, Spain

Spain. Instituto Geologico y Minero and Ministerio de Industria, 1972, Mapa metalogenetico de Espana e. 1:1,500,000, mapa previsor de mineralizaciones: (Madrid) Spain, Instituto Geologico y Minero and Ministerio de Industria, 1:1,500,000, 17 sheets.

Al, Bi, Cu, Au, Fe, Pb, Zn, Mn, Hg, Ni, K, Mg, La, Sn, Ti, W
A, C, E, O

Europe, Spain

Spain. Instituto Geologico y Minero de Espana, 1973, Mapa metalogenetico de Espana: (Madrid) Spain, Servicio de Publicaciones, Ministerio de Industria, 1:200,000, 93 sheets.

Pb, Zn, Ag, Cu, Co, Ni, Cr, Pt, Sn, W, Mo, Bi, Hg, Fe, Sb, Ba, Sr, Mg, As, Li, Be, Nb, Ta, Ti, Bi, Mn, U, Al
A, C, E, O

Europe, Switzerland,

Kundig, E., [s.d.], Übersichtskarte zu den Fundstellen mineralischer Rohstoffe in der Schweiz: (Geographisches Institut Kummerley U. Fry, Bern) Geotechnische Kommission der S.N.Ges., 1:600,000, 1 sheet.

Fe, Mn, Pb, Py, Zn, Cu, Mo, Au, Coal
A, D, F, O

Europe, Yugoslavia

Cissarz, Arnold, 1956, Karta mineralnih lezista FNR Jugoslavije, i njihov genetski položaj: (Beograd) Zavoda za geoloska i geofizicka istrazivanja NRS, 1:1,150,000, 2 sheets.

Fe, Mn, Cr, W, Mo, Cu, Pb, Zn, Sn, Sb, As, Bi, Hg, Au, Pt, Mg, Al
A, C, E, O

Europe, Yugoslavia

Cissarz, Arnold, 1956, Karta mineralnih lezista FNR Jugoslavije, i njihov genetski položaj: Plate in-Lagerstätten und Lagerstättenbildung in Jugoslawien by Arnold Cissarz: Yugoslavia, Resprave Zavoda za geolosko i geofizicko istrazivanja N.R. Srbije, Sveska 6, 152p., (Beograd) 1:750,000, 2 sheets.

Fe, Mn, Cr, W, Mo, Cu, Pb, Zn, Sn, Sb, As, Bi, Hg, Au, Pt, Mg, Al
A, C, E, O

Europe, Yugoslavia, Slovenia

Drovenik, F. and others, 1980, Metalogenetska karta SR Slovenije: (Yugoslavia) Geological Survey, Ljubljana, and Research Community of Slovenia, 1:200,000, 1 sheet.

Cu, Pb, Zn, Ag, Hg, Sb, As, Fe, Mn, U, Th, Al, Au

A, C, E, O

Europe and North America, Appalachian and Caledonian orogenic belt

International Geological Correlation Programme: Project 60 - Correlation of stratabound Sulphides, 1986, Stratabound sulphide deposits in the Appalachian-Caledonian Orogen: Map 1649A, (Ottawa) Geological Survey of Canada, 1:5,000,000, 1 sheet.

Cu, Fe, Pb, Zn

A, C, E, S,

Europe, part of Asia, and part of USSR

France. Bureau de Recherches Geologiques et Minieres, 1984, Principaux gites mineraux de l'Europe et des pays limitrophes: Accompanies- Memoire explicatif de la Carte metallogenique de l'Europe et des pays limitrophes (Explanatory memoir of the metallogenic map of Europe and neighboring countries) by Pierre Laffitte and others, Paris, United Nations Educational, Scientific and Cultural Organization, 560p., 1984, 1:2,500,000, 1 sheet.

Fe, Ti, Al, U, V, Au, Ag, Cu, Cr, Pt, Mn, Mg, Ba, Sr, Pb, Zn, Ni, Co, Sb, Hg, As, Sn, W, Mo, Bi, Be, Li, REE, Nb

A, C, F, O

North America

North American Metallogenic Map Committee: Guild, P. W. and others, 1981, Preliminary metallogenic map of North America: (Reston, Va.) United States Geological Survey, 1:5,000,000, 4 sheets.

W, Sn, Be, Ba, Nb, Ta, Li, Fe, F, Ti, V, Cu, Mo, Zn, Ag, Au, P, Pb, Co, Cr, Ni, Pt, Ca, Na, K, Mg, B, Hg, S, Sb, Sr, U, Th, Mn, Al, REE, Asbestos, Diamond, Graphite, Kyanite Group, Pyrite, Pyrophyllite, Talc

A, C, E, S,

North America, Canada

Chamberlain, J. A. and Johnston, A. G., 1970, Nickel in Canada: (Ottawa) Geological Survey of Canada, Map 1258A, 1:5,000,000, 1 sheet.

Ni

A, C, E, O

North America, Canada

Dawson, K. R., 1974, Niobium and tantalum in Canada: Map 1354A: Accompanies- Niobium (columbium) and tantalum in Canada by K. R. Dawson: Geological survey of Canada, Economic Geology Report 29, 157 p., (Ottawa) Geological Survey of Canada, 1:5,000,000, 1 sheet.

Nb, Ta, Be, Li, Mo

A, C, E, O

North America, Canada

Dawson, K. R., 1985, Barium, strontium and fluorine in Canada: Ottawa, (Geological Survey of Canada) 1:5,000,000, 1 sheet.

Ba, Sr, F

A, D, E, O

North America, Canada

Gross, G. A., 1965, Iron in Canada: Accompanies- Geology of iron deposits in Canada, Vol. 1, by G.A. Gross: Geological Survey of Canada, Economic Geology Report 20, 19 p., (Ottawa) Geological Survey of Canada, Map 1187A, 1:7,603,200, 1 sheet.

Fe, Ti

A, C, E, O

North America, Canada

Johnston, A. G., 1968, Silver in Canada: Accompanies- The geochemistry of silver and its deposits by R.W. Boyle: Geological Survey of Canada, Bulletin 160, 264 p., (Ottawa) Map 1233A, 1:7,603,200, 1 sheet.

Ag, As, Bi, Cd, Co, Cu, Au, Pb, Mo, Ni, U, Zn

A, C, E, S

North America, Canada

Johnston, A. G., and McCartney, W., D., 1965, Manganese in Canada: Accompanies- Manganese occurrences in Canada, Geological Survey of Canada Paper 64-37, 63 p., (Ottawa) Map 15-1964, 1:7,603,200, 1.

Mn

A, C, E, S,

North America, Canada

Kirkham, R.V., McCann, C., Soregaroli, A.E., Vokes, F.M., 1982, Molybdenum deposits and occurrences in Canada: Accompanies- Molybdenum in Canada Part 2. MOLYFILE- an index level computer file of molybdenum deposits and occurrences in Canada by Prasaad, N., Soregaroli, A.E., Vokes, F. M., Wine, G.: Geological Survey of Canada, Economic Geology Report 33, 208 p., (Ottawa) Geological Survey of Canada, Map 1045A-M3, 1:5,000,000, 1 sheet.

Ag, As, Au, Ba, BE, Bi, C, Cd, Co, Cu, F, Fe, In, Li, Mo, Nb, Ni, Pb, Re, REE, Sb, Se, Sn, Sr, Ta, Te, Th, Ti, U, V, W, Zn

A, C, E, S

North America, Canada

Mineral Policy Sector and Geological Survey of Canada, 1986, Principal mineral areas of Canada: (Ottawa) Canada Dept. of Energy, Mines, and Resources, Map 900A, 36th edition, 1:7,603,200, 1 sheet.

Fe, Cu, Zn, Ni, U, Au, Li, Pb, Ag, Mo, Cd, Bi, Sb, Ti, Te, REE, Ta, Ca, Se, Sn, W, Ba, Nb, Sr, Pb, Pt, Rh, nonmetallic

A, D, E, O

North America, Canada

Mulligan, R., 1965, Lithium in Canada: (Ottawa) Geological Survey of Canada, Map 1207A, 1:7,603,200, 1 sheet.

Li

A, D, E, O

North America, Canada

Mulligan, R., 1968, Beryllium in Canada: Accompanies- Geology of Canadian beryllium deposits by Robert Mulligan: Ottawa, Geological Survey of Canada, Economic geology report 23, 109p., (Ottawa) Geological Survey of Canada, Map 1218A, 1:7,603,200, 1 sheet.

Be, W, Mo, Sn, F, Li, Nb, Ta, Cs, Bi, U

A, C, E, S

North America, Canada

Mulligan, R., 1975, Tin in Canada: Accompanies- Geology of Canadian Tin Occurrences by R. Mulligan: Geological Survey of Canada, Economic Geology Report 20, 155 p., (Ottawa) Geological Survey of Canada, 1:5,000,000, 1 sheet.

Sn, W, Au, Pb, Zn, Cu, Ag, Bi, Li, Be, Nb, Ta, F, Mo, Fe, Mn, V, Ni, Co, Hg

A, C, E, S

North America, Canada

Mulligan, R., 1984, Tungsten in Canada: Accompanies-
Geology of Canadian tungsten occurrences by R. Mulligan:
Geological Survey of Canada, economic geology report 32, 121
p., (Ottawa) Geological Survey of Canada, Map 1556A,
1:5,000,000, 1 sheet.

W, Au

A, C, E, O

North America, Canada

Prasaad, N., 1981, Selected Uranium and thorium
occurrences in Canada: Accompanies- Distribution of uranium
and thorium occurrences in Canada by N. Prasaad: Geological
Survey of Canada Open File 551, 124 p., (Ottawa)
1:5,000,000, 1 sheet.

U, Th

A, C, E, O

North America, Canada

Rose, E. R., 1973, Vanadium in Canada: Accompanies-
Geology of vanadium and vanadiferous occurrences of Canada
by E. R. Rose: Geological Survey of Canada Economic Report
27, 130 p., (Ottawa) Geological Survey of Canada, Map 1321A,
1:5,000,000, 1 sheet.

V, Fe, Ti, Cr, Mn, U, Th, REE, Cu, Zn, Au, Pt, Sn, Mo, Ni, Nb, P, Ag, Co

A, C, E, S

North America, Canada

Rose, E. R., 1969, Titanium in Canada: Accompanies-
Geology of titanium and titaniferous deposits of Canada by
E. R. Rose: Geological Survey of Canada, economic geology
report 25, 177 p., (Ottawa) Geological Survey of Canada,
Map 1243A, 1:5,000,000, 1 sheet.

Ti

A, D, E, O

North America, Canada

Sangster, D. F., 1986, Lead-Zinc deposits in Canada:
Accompanies- Classification, distribution, and grade-tonnage
summaries of Canadian lead-zinc deposits by D.F. Sangster:
Geological Survey of Canada, economic geology report 37, 72
p., (Ottawa) Geological Survey of Canada, Map 1651A,
1:5,000,000, 1 sheet.

Pb, Zn

A, C, E, S

North America, Canada

Vokes, F. M., 1958, Beryllium in Canada: (Ottawa) Geological Survey of Canada, Map 1045A-M2, 1:7,603,200, 1 sheet.

Be

A, C, F, O

North America, Canada

Whitmore, D. R. E., Johnston, A. G., MacLean, B., and Smith A. Y., 1969, Mineral deposits of Canada: (Ottawa) Geological Survey of Canada, Map 1252 A, 1:5,000,000, 1 sheet.

Sb, Ba, Bi, Cd, Cr, Co, Cu, Au, In, Ir, Fe, Pb, Li, Mg, Hg, Mo, Ni, Nb, Os, Pd, Pt, Rh, Ru, Se, Ag, Te, Th, Sn, Ti, W, U, Y, Zn

A, C, E, O

North America, Canada, British Columbia

British Columbia Geological Branch, 1985, Producing mines, mineral deposits with reserves and significant coal deposits of British Columbia: (Victoria) British Columbia Ministry of Energy, Mines and Petroleum Resources, Mineral Resources Branch, 1:2,000,000, 2 sheets.

Ag, As, Au, Ba, Be, Bi, Cd, Co, Cr, Cu, Fe, F, Hg, In, Mn, Mo, Nb, Ni, Pb, Sb, Sn, Sr, Ta, Th, U, V, W, Zn, Asbestos, Barite, Fluorine, Gypsum, Magnesite, nonmetallic

A, D, F, S

North America, Canada, British Columbia

Rublee, V. J., 1986, Platinum group elements occurrences in British Columbia: Accompanies- Occurrences and distribution of platinum-group elements in British Columbia, by V. J. Rublee, Open File 1986-7, 94 p., (Victoria) 1:2,000,000, 1 sheet.

PGEs

A, C, E, O

North America, Canada, British Columbia

Schroeter, T., 1985, Mineral and coal potential northwest British Columbia: (Victoria) British Columbia Ministry of Energy, Mines and Petroleum Resources, 1:1,000,000, 1 sheet.

Ag, Au, Co, Cu, Fe, Mo, Pb, Sb, W, Zn, asbestos, gypsum, jade

A, C, F, S

North America, Canada, British Columbia

Scroeter, T. G. and Panteleyev, A., 1986, Gold in British Columbia: Preliminary map 64 with tabulation: (Victoria) British Columbia Ministry of Energy, Mines and Petroleum Resources, 1:2,000,000, 1 sheet.

Ag, As, Au, Cd, Co, Cu, Fe, Mo, Pb, Sb, Sn, Zn

A, C, F, S

North America, Canada, British Columbia and Yukon Territory

Sutherland, Brown A., and others, 1976, Faults, porphyry deposits and showings, and tectonic belts of the Canadian Cordillera: Accompanies- Porphyry deposits of the Canadian Cordillera, Canadian Institute of Mining and Metallurgy Special Volume 15, 510 p., (Victoria) British Columbia Department of Mines and Petroleum Resources and Canadian Institute of Mining and Metallurgy, Map B, 1:2,500,000, 1 sheet.

Cu, Mo, W

A, C, F, S

North America, Canada, British Columbia, Yukon Territory, Northwest Territory, Alaska

Dawson, K. M., 1984, Mineral deposits and principal mineral occurrences of the Canadian Cordillera and adjacent parts of the United States of America: (Ottawa) Geological Survey of Canada, Map 1513 A, 1:2,000,000, 2 sheets.

Ag, As, Au, Ba, Be, Bi, Cd, Co, Cr, Cu, F, Fe, Hg, Li, Mg, Mo, Na, Nb, Ni, P, Pb, Pd, Pt, REE, Sb, Sn, Ta, Ti, Th, U, W, Zn

A, C, E, S

North America, Canada, Manitoba

Davies, J. F., 1966, Metallogenic map of Manitoba: Manitoba Department of Mines and Natural Resources, Mines Branch, Map 66-2, 1:1,267,200, 1 sheet.

Ni, Cu, Zn, Au, Cr, Li, Be, Mo, U, Th

A, D, E, S,

North America, Canada, Manitoba

Manitoba, Mineral Resources Division, 1980, Mineral map of Manitoba: (Winnipeg) Manitoba Mineral Resources Division, Map 80-1, 1:1,000,000, 1 sheet.

Ag, Au, Co, Cr, Cs, Cu, Fe, Mo, Ni, Pb, Pt, Se, Sn, Ta, Te, Ti, V, Zn

A, D, E, O

North America, Canada, New Brunswick

Carroll, B. M. W., 1979, Mineral occurrence map of New Brunswick: (Fredericton) Department of Natural Resources, Map NR-2, 1:500,000, 1 sheet.

Ag, Ca, As, Au, Be, Bi, Cd, Co, Cu, Fe, Mg, Mn, Ni, Pb, Sb, Sn, U, W, Zn, Ba
A, D, F, O

North America, Canada, Newfoundland and Labrador

Douglas, C., and Hsu, W., 1976, Mineral occurrences map of Labrador- Map 761 with accompanying Mineral occurrence Tables: Open File Labrador 326, (St. John's) Newfoundland and Labrador Department of Mines and Energy, 1:1,000,000, 1 sheet.

Ag, As, Au, Ba, Be, Bi, Co, Cr, Cs, Cu, Fe, Hg, Mn, Mo, Nb, Ni, P, Pb, Pd, Pt, Sb, Sn, Ti, U, V, W, Zn
A, C, F, S,

North America, Canada, Newfoundland and Labrador

Douglas, C., and Hsu, E., 1976, Metallic mineral occurrences map of Newfoundland- Map 762 with accompanying mineral occurrence tables: Open file report Newfoundland 888, (St. John's) Newfoundland and Labrador Department of Mines and Energy, Mineral Development Division, 1:1,000,000, 1 sheet.

Ag, As, Au, Be, Bi, Co, Cr, Cs, Cu, Fe, Mn, Mo, Nb, Ni, Pb, Pd, Pt, Sb, Sn, Ti, U, V, W, Zn
A, C, F, S,

North America, Canada, Newfoundland and Labrador

Douglas, C., and Hsu, E., 1976, Non-metallic mineral occurrences map of Newfoundland- Map 763 with accompanying mineral occurrence tables: Open file Newfoundland 888, (St. John's) Newfoundland and Labrador Department of Mines and Energy, Mineral Development Division, 1:1,000,000, 1 sheet.

Asbestos, barite, celestite, fluorite, gypsum, magnesite, phosphate, pyrophyllite, dolomite, limestone, silica
A, C, F, S

North America, Canada, Newfoundland and Labrador

Fogwill, W. D., 1965, Mines and mineral occurrences map of the island of Newfoundland: Accompanies- Mines and mineral occurrences of the island of Newfoundland: Information circular No. 11, (St. John's) Newfoundland and Labrador Departments of Mines, Agriculture and Resources, 1:760,320, 1 sheet.

Ag, As, Au, Bi, Co, Cr, Cu, Fe, Mn, Mo, Ni, Pb, Sb, Sr, Ti, W, Zn, nonmetallic
A, D, F, O

North America, Canada, Northwest and Yukon Territories

Economic Geology Division, Geological Survey of Canada, 1980, Mineral deposits of northern and arctic regions [of Canada] (map 1- Proven and significant mineral deposits; map 2 - Excluding the proven and significant deposits of map 1): Accompanies- Non-hydrocarbon mineral resource potential of parts of northern Canada: Geological survey of Canada Open File 716, 376 p., (Ottawa) 1:3,000,000, 2 sheets.

Ag, Au, Cu, Fe, Mo, Ni, Pb, Th, U, W, Zn

A, C, E, S

North America, Canada, Nova Scotia

Boehner, R. C., 1984, Salt and potash resources of Nova Scotia: (Halifax) Nova Scotia, Department of Mines and Energy, 1:500,000, 1 sheet.

Salt, Potash salt

A, C, E, S

North America, Canada, Nova Scotia

Buehren, E. A., 1966, Metallic mineral map of the Province of Nova Scotia: (Halifax) Nova Scotia, Department of Mines, 1:506,880, 1 sheet.

Cu, Pb, Ag, Au, Fe, Mo, Zn, Sn, Ba, Mn, Ni, W, Be, Bi, Sb, Li

A, D, E, S

North America, Canada, Nova Scotia

Chatterjee, A. K., 1983, Metallogenic map of the province of Nova Scotia: (Halifax) Nova Scotia, Department of Mines and Energy, 1:500,000, 1 sheet.

Cu, Pb, Zn, Ag, Au, Mo, Sn, W, U, Fe, Mn, Sb, Bi, Ni, Li, Be

A, C, E, O

North America, Canada, Nova Scotia

Felderhof, G. W., 1978, Barite, celestite, and fluorite in Nova Scotia: Accompanies- Barite, celestite, and fluorite in Nova Scotia, Bulletin 4, Nova Scotia Department of Mines, (Halifax) Nova Scotia Department of Mines, 1:1,111,000, 1 sheet.

Ba, F, Sr

A, C, E, S

North America, Canada, Ontario

Gordon, J. B., 1977, Gold deposits of Ontario: (Toronto) Ontario Geological Survey, Mineral deposits series, Preliminary map P.1226-P.1229, 1:1,013,780, 4 sheets.

Au

A, D, E, O

North America, Canada, Ontario

Gordon, J. B., 1980, Vein silver deposits of Ontario: Maps P2298-P2301: (Toronto) Ontario Geological Survey, 1:1,013,760, 4 sheets.

Ag

A, C, E, O

North America, Canada, Ontario

Jost, M., 1975, Nickel deposits of Ontario: Ontario Division of Mines, Mineral deposits series, Preliminary map no. P.1060-P.1063, 1:1,013,760, 4 sheets.

Ni

A, C, E, O

North America, Canada, Ontario

Meyn, H. D., and Howarth, J. R., 1977, Molybdenum deposits of Ontario: (Toronto) Ontario Geological Survey, Mineral deposits series, Preliminary map, P.1244-P.1247., 1:1,013,760, 4 sheets.

Mo

A, C, E, S

North America, Canada, Ontario

Ontario Ministry of Natural Resources, 1985, Ontario Mineral map: (Toronto) Ontario Ministry of Natural Resources, Map 2472, 1:1,584,000, 1 sheet.

Ag, As, Au, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Fe, Hg, Li, Mn, Mo, Ni, Pb, Sb, Se, Sn, Pt, REE, Te, Th, Ti, U, W, Y, Zn, nonmetallic

A, D, E, O

North America, Canada, Ontario

Robertson, J. A., and others, 1981, Uranium and thorium deposits of Ontario: Maps P2424 to P2427, (Toronto) Ontario Geological Survey, Mineral deposits series, Preliminary map no. P.969, 1:1,013,760, 4 sheets.

U, Th

A, C, E, S

North America, Canada, Ontario

Springer, J.S., 1977, Ontario Mineral Potential: (Toronto) Ontario Geological Survey, maps nos. P1505 to P1555, 1:250,000, 51 sheets.

Ag, As, Au, Ba, Be, Bi, Co, Cr, Cs, Cu, Fe, F, Li, Mo, Ni, P, Pb, Pd, Pt, REE, Sb, Se, Te, Ti, Th, U, W, Zn, nonmetallic

A, D, E, O

North America, Canada, Ontario

Springer, J.S., Robertson, J.A., Vos, M.A., 1982, Mineral potential map of Ontario: (Toronto) Ontario Geological Survey, Open File maps no. OFR324 to OFR5328 inclusive, 1:1,013,760, 5 sheets.

Ag, Au, Co, Cu, Fe, Mo, Nb, Ni, Pb, Pt, REE, Th, Ti, U, V, Zn, nonmetallic
A, D, F, O

North America, Canada, Ontario, Quebec, and Manitoba

Gross, G.A., 1963, Distribution of iron deposits, Superior structural province, Ontario, Quebec, and Manitoba: (Ottawa) Geological Survey of Canada, Maps 13-1963 to 20-1963, 1:1,000,000, 8 sheets.

Fe
A, C, E, O

North America, Canada, Quebec

Avramtchev, L., 1980, Carte de la production minerale du Quebec au 1 Janvier 1979: Accompanies- production minerale du Quebec au 1 Janvier 1979, Ministere de l'Energie et des Ressources, DPV 727, 34 p., (Quebec) Ministere de l'Energie et des Ressources, Direction generale de la recherche geologique et minerale, 1:1,500,000, 1 sheet.

Au, Cr, Cu, Fe, Li, Mo, Nb, Ni, Pb, Ti, Zn, nonmetallic
A, D, E, S

North America, Canada, Quebec

Avramtchev, L. and others, 1981 - 1982, Gites mineraux du Quebec: Accompanies- Catalogue des gites mineraux du Quebec: DPV 744, 809, 897, 926, 940, and DV 83-14, (Quebec) Ministere de l'Energie et des Ressources, service de la Geoinformation, 1:250,000 and 1:1,000,000, 70 sheets (69 at 1:250,000 and 1 at 1:1,000,000).

Ag, As, Au, Be, Bi, Cd, Ce, Co, Cr, Cu, Fe, Li, Mo, Mn, Nb, Ni, Pb, Pd, Pt, REE, Sb, Ta, Th, Ti, U, V, W, Zn, and nonmetallic
A, C, E, O

North America, Canada, Quebec

Avramtchev, L., and LeBel-Drolet, S., 1980, Carte de l'inventaire des gisements mineraux du Quebec au 30 Septembre 1979: Accompanies- Inventaire des gisements mineraux du Quebec au 30 Septembre 1979, Ministere de l'Energie et des Ressources, DPV 707, 29 p., (Quebec) 1:1,500,000, 1 sheet.

Au, Cr, Cu, Fe, Li, Mn, Mo, Nb, Ni, Pb, Sb, Ti, U, Zn, nonmetallic
A, D, E, S

North America, Canada, Quebec

Laverne, C., 1986, Carte miniere du Quebec: Carte 2014 (DV 85-07): Accompanies- Gites mineraux a tonnage evalue et production minerale du Quebec by Laverne, C. 84 p., (Quebec) Ministere de l'Energie et des Ressources, Direction generale de la recherche geologique et minerale, 1:1,5,000,000, 1 sheet.

Ag, Au, Bi, Cr, Cu, Fe, Li, Mo, Nb, Ni, Pb, W, Zn, nonmetallic
A, D, E, O

North America, Canada, Saskatchewan

MacDougall, D. G., 1984, Metallogenic map series: Reindeer Lake North, NTS area 64E: Saskatchewan Geological Survey, Metallogenic series, Map 239A, 1:250,000.

Cu, Fe, Pb, Mo, Ni, Ag, U, Zn, Be, REE
A, C, E, O

North America, Canada, Saskatchewan

Saskatchewan Dept. of Mineral Resources, Geological Sciences Branch, Precambrian Geology Division, 1972, Mineral deposits map of northern Saskatchewan: Saskatchewan Dept. of Mineral Resources, 1:1,300,000, 1 sheet.

Au, U, Cu, Zn, Pb, Ni, Fe
A, C, F, O

North America, Canada, Saskatchewan

Saskatchewan Mineral Resources, 1980, Mineral map of Saskatchewan: (Regina) Saskatchewan [Department of] Mineral Resources, 1:1,250,000, 1 sheet.

Au, Fe, K, Na, Pb, U, Zn
A, D, F, O

North America, Canada, Yukon Territory

Carriere, J. J., Sinclair, W. D., and Kirkham, R. V., 1981, Copper deposits and occurrences in Yukon Territory: Accompanies- Copper deposits and occurrences in Yukon Territory by Carriere, J. J., Sinclair, W.D, and Kirkham, R.V., Geological Survey of Canada paper 81-12, 62 p., (Ottawa) Geological Survey of Canada, Map 12-1981, 1:2,000,000, 1 sheet.

Cu, Ag, As, Au, Ba, Be, Bi, Cd, Co, Cr, Fe, F, Ga, Mn, Mo, Ni, Pb, Pd, Pt, Sb, Sc, Sn, U, V, W, Zn
A, C, E, S

North America, Canada, Yukon Territory

Findlay, D. C., 1972, Geology and mineral deposits of Yukon Territory and part of Southwest District of Mackenzie Northwest Territories: (Ottawa) Geological Survey of Canada, Open File 87, 1:1,500,000, 1 sheet.

Au, Ag, Zn, Cd, Ba, Pb, W, Mo, Sb, Sn, Fe, Co

A, C, E, O

North America, Canada, Yukon Territory

Geological Survey of Canada and Department of Indian and Northern Affairs, 1981, Geology, main tectonic elements, and mineral occurrences of northern Yukon territory: Map 1 with assessment of mineral and fuel resource potential of the proposed northern Yukon National Park and adjacent areas (Phase 1): Geological Survey of Canada Open File 760, 31 p., (Ottawa) 1:250,000, 1 sheet.

Au, Cr, Cu, Fe, Pb, U, W, Zn

A, C, E, O

North America, Canada, Yukon Territory

Morin, J. A. and Downing, D. A. (ed.), 1984, Gold silver deposits and occurrences in Yukon territory: Open file map with 22 pages of marginal notes and tables, (Whitehorse) Indian and Northern Affairs [Department] of Canada, Exploration and Geological Services, Yukon Region, 1:2,000,000, 1 sheet.

Ag, As, Au, Ba, Bi, Cu, Fe, F, Mo, Pb, Sb, Sn, W, Zn

A, C, F, S

North America, Mexico

Salas G. P., 1975, Mapa metalogenetico de la Republica Mexicana (Metallogenetic map of Mexico): Accompanies- Carta metalogenetica de Mexico (Metallogenetic map of Mexico) by G. P. Salas in Metalogenesis en Latinoamerica, Simposium sobre metalogenesis en Latinoamerica, J. L. Lee-Moreno (ed.), Mexico, Consejo Recursos Minerales, International Union of Geological Sciences, Publication no. 5, 7-35p., 1980, 1:3,500,000, 1 sheet.

W, Sn, Be, Nb, Ta, Li, Fe, Ti, V, Fe, Cu, Co, Mo, Zn, Ag, Au, Pb, Cr, Ni, Ca, Na, K, Mg, B, Hg, Sb, Ba, Sr, U, Th, Mn, Al

A, C, E, O

North America, Mexico

Salas G. P., 1975, Mapa metalogenetico de la Republica Mexicana (Metallogenetic chart of Mexico): (Boulder, Co.) Geological Society of America, Map and chart series, MC-13, 1:2,000,000, 1 sheet.

W, Sn, Be, Nb, Ta, Li, Fe, Ti, V, Cu, Mo, Zn, Ag, Au, Pb, Co, Cr, Ni, Ca, Na, K, Mg, Hg, Sb, Ba, Sr, U, Th, Mn, Al

A, C, E, O

North America, Mexico

Salas, G. P., 1975, Carta metalogenetica de la Republica Mexicana: Acompañes- Carta y provincias metalogeneticas de la Republica Mexicana (Map and metallogenetic provinces of Mexico) by G. P. Salas, Mexico, Consejo de Recursos Minerales, Publicacion 21E, 242p., 1975, 1:2,000,000, 1 sheet.

Au, W, Ag, Fe, Cu, Ba, Cr, Mn, Li, Ru, U, Mo, Sb, Pb, Zn, Hg, Ba, Sr, Ti, Ni, Sn

A, C, F, O

North America, Mexico, Chihuahua

Minirero, Chihuahua: Sociedad Geologica Mexicana, Ninos Heroes 139, (Mexico) 1:500,000, 1 sheet.

North America, Mexico, Coahuila

Mexico. Consejo de Recursos Naturales no Renovables, 1971, Plano geologico minero del Estado de Coahuila: Mexico, Consejo de Recursos Naturales no Renovables, 1:500,000, 1 sheet.

Fe, Ba, Ti, Mn, Sn, Zn

A, D, E, O

North America, Mexico, Durango

Carrasco C., M. L., 1980, Carta geologica y metalogenetica de Durango (Geologic and metallogenetic map of Durango): Plate in- Carta y provincias metalogeneticas del Estado de Durango Publicacion 22-E, 63p., 1980, 1:500,000, 1 sheet.

W, Sn, Be, Nb, Ta, Li, Fe, Ti, V, Cu, Mo, Zn, Ag, Au, Pb, Co, Cr, Ni, Ca, Na, K, Mg, B, Hg, Sb, Ba, Sr, U, V, Th, Mn, Al

A, C, E, O

North America, Mexico, Durango

Mexico. Consejo de Recursos Naturales no Renovables, [s.d.], Plano geologico minero, Estado de Durango: Mexico, Consejo de Recursos Naturales no Renovables, 1:500,000, 1 sheet.

Au, Pt, Pb, Cu, Zn, Fe, Sn, Mn, Sb, Mo, Hg, W, Ti, Ba

A, D, E, O,

North America, Mexico, Sonora

Perez, A. E., Saitz-Sau, O. A., and Salas, G. A., 1977, Mapa metalogenetico do Sonora: Universidad de Sonora. Escuela de Ingenieria-Septo. de Geologia. Revista Geomimet No. 88, Julio-Agosto, 1:1,000,000, 1 sheet.

North America, United States

Bailey, E. H., 1966, Mercury in the United States, exclusive of Alaska and Hawaii, 1962: (Washington) United States Geological Survey, Mineral investigations resource map, MR-30, 1:3,168,000, 1 sheet.

Hg

A, D, F, S

North America, United States

Blair, W. N., Page, N. J., and Johnson, M. G., 1977, Map and list of reported occurrences of platinum-group metals in the conterminous United States: (Reston, Va.) United States Geological Survey, Miscellaneous field studies map, MF-861, 1:5,000,000, 1 sheet.

Pt-group metals

A, C, F, O

North America, United States

Brobst, D. A., 1965, Barite in the United States: (Washington) United States Geological Survey, Mineral investigations resource map, MR-43, 1:3,168,000, 1 sheet.

Ba

A, C, F, S

North America, United States

Butler, A. P., Jr., Finch, W. I., and Twenhofel, W. S., 1962, Epigenetic uranium in the United States, exclusive of Alaska and Hawaii: (Washington) United States Geological Survey, Mineral investigations resource map, MR-21, 1:3,168,000, 1 sheet.

U

A, C, F, S

North America, United States

Byers, V. P. and Finch, W. I., 1984, Preliminary map of the uranium provinces in the conterminous United States: (Reston, Va.) United States Geological Survey, Open-file report no. 79-0576-V, 1:5,000,000, 1 sheet.

U

A, C, F, S

North America, United States

Carr, M. S., Guild, P. W., and Wright, W. B., 1967, Iron in the United States, exclusive of Alaska and Hawaii: (Washington) United States Geological Survey, Mineral investigations resource map, MR-51, 1:3,168,000, 1 sheet.

Fe

A, C, F, S

North America, United States

Cooper, J. R., 1962, Bismuth in the United States, exclusive of Alaska and Hawaii: (Washington) United States Geological Survey, Mineral investigations resource map, MR-22, 1:3,168,000, 1 sheet.

Bi

A, D, F, O

North America, United States

Crittenden, M. D. and Pavlides, Louis, 1962, Manganese in the United States, exclusive of Alaska and Hawaii: (Washington) United States Geological Survey, Mineral investigations resource map, MR-23, 1:3,168,000, 1 sheet.

Mn

A, C, F, S

North America, United States

Dutton, C. E. and Carr, M. S., 1947, Iron-ore deposits of the western United States: (Washington) United States Geological Survey, Strategic minerals investigation, Preliminary map 3-212, 1:5,000,000, 1 sheet.

Fe

A, D, F, S

North America, United States

Finch, W. I., 1968, Index map of uranium deposits in sandstone in the United States: Plate 1 in- Geology of epigenetic uranium deposits in sandstone in the United States by W. I. Finch: Washington, United States Geological Survey, Professional Paper 538, 1968, 1:5,000,000, 1 sheet.

U, V, Cu, Ag, Pb, Zn, Th, Au, Ba

A, C, F, S,

North America, United States

Fischer, R. P., 1962, Vanadium in the United States, exclusive of Alaska and Hawaii: (Washington) United States Geological Survey, Mineral investigations resources map, MR-16, 1:3,168,000, 1 sheet.

V

A, C, F, S

North America, United States

Foose, M. P. and McQueen, D. R., 1980, Preliminary map of cobalt occurrences in the conterminous United States: (Reston, Va.) United States Geological Survey, Open-file report no. 79-576-J, 1:5,000,000, 1 sheet.

Co

A, D, F, O

North America, United States

Griffitts, W. R., Larrabee, D. M., and Norton, J. J., 1962, Beryllium in the United States, exclusive of Alaska and Hawaii: (Washington) United States Geological Survey, Mineral investigations resource map, MR-35, 1:3,168,000, 1 sheet.

Be

A, C, F, S

North America, United States

Heyl, A. V. and Bozion, C. N., 1962, Oxidized zinc deposits of the United States: Plate 1 in- Oxidized zinc deposits of the United States, Part 1, General geology by A. V. Heyl and C. N. Bozion: United States Geological Survey, Bulletin 1135-A, 52p., 1962, 1:5,000,000, 1 sheet.

Zn

A, C, F, S

North America, United States

Hobbs, S. W. and Tooker, E. W., 1979, Preliminary map of tungsten provinces in the conterminous United States: (Reston, Va.) United States Geological Survey, Open-file report no. 79-576-C, 1:5,000,000, 1 sheet.

W

A, D, F, O

North America, United States

Killeen, P. L. and Newman, W. L., 1965, Tin in the United States, exclusive of Alaska and Hawaii: (Washington) United States Geological Survey, Mineral investigations resource map, MR-44, 1:3,168,000, 1 sheet.

Sn

A, C, F, O

North America, United States

King, R. U., 1970, Molybdenum in the United States, exclusive of Alaska and Hawaii: (Washington) United States Geological Survey, Mineral investigations resource map, MR-55, 1:3,168,000, 1 sheet.

Mo

A, D, E, S

North America, United States

Kinkel, A. R., Jr. and Peterson, N. P., 1962, Copper in the United States, exclusive of Alaska and Hawaii: (Washington) United States Geological Survey, Mineral investigations resource map, MR-13, 1:3,168,000, 1 sheet.

Cu

A, C, F, S

North America, United States

Klemic, Harry and Tooker, E. W., 1979, Preliminary map of iron provinces in the conterminous United States: (Reston, Va.) United States Geological Survey, Open-file report no. 79-576-H, 1:5,000,000, 1 sheet.

Fe

A, C, F, O

North America, United States

Klemic, Harry and Tooker, E. W., 1979, Preliminary map of vanadium provinces in the conterminous United States: (Reston, Va.) United States Geological Survey, Open-file report no. 79-576-I, 1:5,000,000, 1 sheet.

V

A, C, F, O

North America, United States

Koschmann, A. H. and Bergendahl, M. H., 1962, Gold in the United States, exclusive of Alaska and Hawaii: (Washington) United States Geological Survey, Mineral investigations resource map, MR-24, 1:3,168,000, 1 sheet.

Au

A, D, F, S

North America, United States

Lemmon, D. M. and Tweto, O. L., 1962, Tungsten in the United States, exclusive of Alaska and Hawaii: (Washington) United States Geological Survey, Mineral investigations resources map, MR-25, 1:3,168,000, 1 sheet.

W

A, D, F, S

North America, United States

McKnight, E. T. and others, 1962, Silver in the United States, exclusive of Alaska and Hawaii: (Washington) United States Geological Survey, Mineral investigations resource map, MR-34, 1:3,168,000, 1 sheet.

Ag

A, D, F, S

North America, United States

McKnight, E. T., Newman, W. L., and Heyl, A. V., Jr., 1962, Lead in the United States, exclusive of Alaska and Hawaii: (Washington) United States Geological Survey, Mineral investigations resource map, MR-15, 1:3,168,000, 1 sheet.

Pb

A, D, F, S

North America, United States

McKnight, E. T., Newman, W. L., and Heyl, A. V., Jr., 1962, Zinc in the United States, exclusive of Alaska and Hawaii: (Washington) United States Geological Survey, Mineral investigations resource map, MR-19, 1:3,168,000, 1 sheet.

Zn

A, D, F, S

North America, United States

Miller, M. H. and Thayer, T. P., 1962, Chromite in the United States, exclusive of Alaska and Hawaii: (Washington) United States Geological Survey, Mineral investigations resource map, MR-26, 1:3,168,000, 1 sheet.

Cr

A, C, F, S

North America, United States

Olson, J. C. and Adams, J. W., 1962, Thorium and rare earths in the United States, exclusive of Alaska and Hawaii: (Washington) United States Geological Survey, Mineral investigations resource map, MR-28, 1:3,168,000, 1 sheet.

Th

A, C, F, O

North America, United States

Page, N. J. and Tooker, E. W., 1979, Preliminary map of platinum and platinum-group metal provinces in the conterminous United States: (Reston, Va.) United States Geological Survey, Open-file report no. 79-576-B, 1:5,000,000, 1 sheet.

Pt, PGEs

A, D, F, O

North America, United States

Parker, R. L., 1963, Niobium and tantalum in the United States, exclusive of Alaska and Hawaii: (Washington) United States Geological Survey, Mineral investigations resource map, MR-36, 1:3,168,000, 1 sheet.

Nb, Ta

A, C, F, O

North America, United States

Reed, B. L. and Tooker, E. W., 1980, Preliminary map of tin occurrence areas in the conterminous United States: (Reston, Va.) United States Geological Survey, Open-file report no. 79-576-L, 1:5,000,000, 1 sheet.

Sn

A, C, F, O

North America, United States

Rogers, C. L. and Jaster, M. C., 1962, Titanium in the United States, exclusive of Alaska and Hawaii: (Washington) United States Geological Survey, Mineral investigations resource map, MR-29, 1:3,168,000, 1 sheet.

Ti

A, C, F, S

North America, United States

Staatz, M. H. and Armbrustmacher, T. J., 1982, Map of the thorium provinces in the conterminous United States: United States Geological Survey, Open-file report no. 79-576-U, 1:5,000,000, 1 sheet.

Th

A, C, F, O

North America, United States

Staatz, M. H. and Armbrustmacher, T. J., 1981, Preliminary map of rare-earth provinces in the conterminous United States: United States Geological Survey, Open-file report no. 79-576-T, 1:5,000,000, 1 sheet.

REE

A, C, F, O

North America, United States

Thayer, T. P. and Lipin, B. R., 1980, Preliminary map of chromite provinces in the conterminous United States: (Reston, Va.) United States Geological Survey, Open-file report no. 79-576-R, 1:5,000,000, 1 sheet.

Cr

A, C, F, O

North America, United States

Tooker, E. W., 1980, Preliminary map of aluminum provinces in the conterminous United States: (Reston, Va.) United States Geological Survey, Open-file report no. 79-576-M, 1:5,000,000, 1 sheet.

Al

A, C, F, O

North America, United States

Tooker, E. W., 1980, Preliminary map of copper provinces in the conterminous United States: (Reston, Va.) United States Geological Survey, Open-file report no. 79-576-D, 1:5,000,000, 1 sheet.

Cu

A, C, F, O

North America, United States

Tooker, E. W., 1979, Preliminary map of mercury provinces and occurrence areas in the conterminous United States: (Reston, Va.) United States Geological Survey, Open-file report no. 79-576-F, 1:5,000,000, 1 sheet.

Hg

A, C, F, O

North America, United States

Tooker, E. W. and Cannon, W. F., 1980, Preliminary map of manganese provinces in the conterminous United States: (Reston, Va.) United States Geological Survey, Open-file report no. 79-576-O, 1:5,000,000, 1 sheet.

Mn

A, C, F, O

North America, United States

Tooker, E. W. and Cornwall, H. R., 1979, Preliminary map of nickel provinces in the conterminous United States: United States Geological Survey, Open-file report no. 79-576-E, 1:5,000,000, 1 sheet.

Ni

A, C, F, O

North America, United States

Tooker, E. W. and Force, E. R., 1980, Preliminary map of titanium provinces in the conterminous United States: (Reston, Va.) United States Geological Survey, Open-file report no. 79-576-K, 1:5,000,000, 1 sheet.

Ti

A, C, F, O

North America, United States

Tooker, E. W. and Johnson, M. G., 1979, Preliminary map of gold provinces in the conterminous United States: (Reston, Va.) United States Geological Survey, Open-file report no. 79-576-S, 1:5,000,000, 1 sheet.

Au

A, C, F, O

North America, United States

Tooker, E. W. and Morris, H. T., 1980, Preliminary map of lead provinces in the conterminous United States: (Reston, Va.) United States Geological Survey, Open-file report no. 79-576-P, 1:5,000,000, 1 sheet.

Pb

A, C, F, O

North America, United States

Tooker, E. W. and Parker, R. L., 1980, Preliminary map of columbium (niobium) and tantalum provinces in the conterminous United States: (Reston, Va.) United States Geological Survey, Open-file report no. 79-576-N, 1:5,000,000, 1 sheet.

Nb, Ta

A, C, F, O

North America, United States

Tooker, E. W. and Wedow, H., Jr., 1980, Preliminary map of zinc provinces in the conterminous United States: (Reston, Va.) United States Geological Survey, Open-file report no. 79-576-Q, 1:5,000,000, 1 sheet.

Zn

A, C, F, O

North America, United States

Vhay, J. S., 1979, Cobalt in the United States: (material compiled up to 1963): (Reston, Va.) United States Geological Survey, Open-file report no. 79-1436, 1:5,000,000, 1 sheet.

Co

A, C, F, S

North America, United States

Walker, G. W., 1963, Geographic distribution of uranium-bearing veins in the conterminous United States: Plate 1 in- Geology of uranium-bearing veins in the conterminous United States, A. Introduction to the geology of uranium-bearing veins in the conterminous United States, including section on geographic distribution and classification of veins by G.W. Walker and F.W. Osterwald: United States Geological Survey, Professional Paper 455-A, 1-28p., 1:5,000,000, 1 sheet.

U

A, C, F, O

North America, United States

White, D. E., 1962, Antimony in the United States, exclusive of Alaska and Hawaii: (Washington) United States Geological Survey, Mineral investigations resource map, MR-20, 1:3,168,000, 1 sheet.

Sb

A, D, F, S

North America, United States, Alaska

Berg, H. C., 1984, Map of southeastern Alaska showing geology, classification of mineral deposits, and mineral assessment tracts: Plate 1 in- Regional geologic summary, metallogenesis, and mineral resources of southeastern Alaska by H. C. Berg: United States Geological Survey, Open-file report no. 84-572, 298p., 1984, 1:600,000, 1 sheet.

Ag, Pb, Zn, Au, Cu, U, Fe, Mo, REE, Ba, W, Ni, Pd, Pt, Cr, Bi, Th, Co, Sb, Ti, V,
Radioactive elements

A, C, E, O,

North America, United States, Alaska

Clark, A. L. and others, 1974, Metal provinces of Alaska: (Reston, Va.) United States Geological Survey, Miscellaneous investigations series, map I-834, 1:5,000,000, 1 sheet.

Cu, Mo, Pb, Zn, Au, Ag, Ni, Co, Fe, Ti, Cr, Pt, Sn, W, Sb, U, Th, Pd, Hg, Bi
A, D, F, O

North America, United States, Alaska

Cobb, E. H., 1983, Occurrences of zinc minerals in Alaska: United States Geological Survey, Open-file report no. 83-199, 1:2,500,000, 1 sheet.

Zn

A, D, F, O

North America, United States, Alaska

Cobb, E. H., 1974, Nickel occurrences in Alaska: (Reston, Va.) United States Geological Survey, Mineral investigations resources map MR-63, 1:2,500,000, 1 sheet.

Ni

A, D, F, O

North America, United States, Alaska

Cobb, E. H., 1975, Lead occurrences in Alaska: (Reston, Va.) United States Geological Survey, Mineral investigations resources map MR-69, 1:2,500,000, 1 sheet.

Pb

A, D, F, O

North America, United States, Alaska

Cobb, E. H., 1962, Lode gold and silver occurrences in Alaska: (Washington) United States Geological Survey, Mineral investigations resource map, MR-32, 1:2,500,000, 1 sheet.

Au, Ag

A, D, F, O

North America, United States, Alaska

Cobb, E. H., 1964, Placer gold occurrences in Alaska: (Washington) United States Geological Survey, Mineral investigations resources map, MR-28, 1:2,500,000, 1 sheet.

Au

A, C, F, O

North America, United States, Alaska

Cobb, E. H., 1974, Copper occurrences in Alaska: (Reston, Va.) United States Geological Survey, Mineral investigations resources map, MR-62, 1:2,500,000, 1 sheet.

Cu

A, D, F, O

North America, United States, Alaska

Cobb, E. H., 1975, Chromite occurrences in Alaska: (Reston, Va.) United States Geological Survey, Mineral investigations resources map, MR-68, 1:2,500,000, 1 sheet.

Cr

A, D, F, O

North America, United States, Alaska

Cobb, E. H., 1974, Cobalt occurrences in Alaska: (Reston, Va.) United States Geological Survey, Mineral investigations resources map, MR-61, 1:2,500,000, 1 sheet.

Co

A, D, F, O

North America, United States, Alaska

Cobb, E. H., 1960, Molybdenum, tin, and tungsten occurrences in Alaska: (Washington) United States Geological Survey, Mineral investigations resource map, MR-10, 1:2,500,000, 1 sheet.

Mo, Sn, W

A, D, F, O

North America, United States, Alaska

Cobb, E. H., 1960, Copper, lead, and zinc occurrences in Alaska: (Washington) United States Geological Survey, Mineral investigations resource map, MR-9, 1:2,500,000, 1 sheet.

Cu, Pb, Zn

A, D, F, O

North America, United States, Alaska

Cobb, E. H., 1960, Chromite, cobalt, nickel, and platinum occurrences in Alaska: (Washington) United States Geological Survey, Mineral investigations resource map, MR-8, 1:2,500,000, 1 sheet.

Cr, Co, Ni, Pt, PGEs

A, D, F, O

North America, United States, Alaska

Cobb, E. H., 1960, Antimony, bismuth, and mercury occurrences in Alaska: (Washington) United States Geological Survey, Mineral investigations resource map, MR-11, 1:2,500,000, 1 sheet.

Sb, Bi, Hg

A, D, F, O

North America, United States, Alaska

Cobb, E. H., 1970, Uranium, thorium, and rare-earth elements in Alaska: (Washington) United States Geological Survey, Mineral investigations resources map, MR-56, 1:2,500,000, 1 sheet.

U, Th, REE

A, D, F, O

North America, United States, Alaska

Cobb, E. H., 1975, Tungsten occurrences in Alaska.: (Reston, Va.) United States Geological Survey, Mineral investigations resources map, MR-66, 1:2,500,000, 1 sheet.

W

A, D, F, O

North America, United States, Alaska

Cobb, E. H., 1975, Zinc occurrences in Alaska: (Reston, Va.) United States Geological Survey, Mineral investigations resources map, MR-67, 1:2,500,000, 1 sheet.

Zn

A, D, F, O

North America, United States, Alaska

Cobb, E. H., 1975, Molybdenum occurrences in Alaska: (Reston, Va.) United States Geological Survey, Mineral investigations resources map, MR-59, 1:2,500,000, 1 sheet.

Mo

A, D, F, O

North America, United States, Alaska

Cobb, E. H., 1974, Tin occurrences in Alaska: (Reston, Va.) United States Geological Survey, Mineral investigations resources map, MR-65, 1:2,500,000, 1 sheet.

Sn

A, D, F, O

North America, United States, Alaska

Cobb, E. H., 1975, Occurrences of platinum-group metals in Alaska: (Reston, Va.) United States Geological Survey, Miscellaneous investigations resources map, MR-64, 1:2,500,000, 1 sheet.

Pt, PGEs

A, D, F, O

North America, United States, Alaska

Cobb, E. H., 1964, Iron occurrences in Alaska: (Washington) United States Geological Survey, Mineral investigations resource map, MR-40, 1:2,500,000, 1 sheet.

Fe

A, D, F, O

North America, United States, Alaska

Cobb, E. H., 1982, Occurrences of lead minerals in Alaska: United States Geological Survey, Open-file report no. 83-73, 1:2,500,000, 1 sheet.

Pb

A, D, F, O

North America, United States, Alaska

Cobb, E. H., 1984, Map showing occurrences of lead minerals in Alaska: (Reston, Va.) United States Geological Survey, Mineral investigations resource map, MR-91, 1:2,500,000, 1 sheet.

Pb

A, D, F, O

North America, United States, Alaska

Cobb, E. H., 1984, Map showing occurrences of molybdenum minerals in Alaska: (Reston, Va.) United States Geological Survey, Mineral investigations resource map, MR-86, 1:2,500,000, 1 sheet.

Mo

A, D, F, O

North America, United States, Alaska

Cobb, E. H., 1982, Occurrences of tungsten minerals in Alaska: (Reston, Va.) United States Geological Survey, Open-file report no. 82-785, 1:2,500,000, 1 sheet.

W

A, D, F, O

North America, United States, Alaska

Cobb, E. H., 1970, Antimony occurrences in Alaska: (Washington) United States Geological Survey, Mineral investigations resources map, MR-52, 1:2,500,000, 1 sheet.

Sb

A, D, F, O

North America, United States, Alaska

Cobb, E. H., 1970, Bismuth occurrences in Alaska: (Washington) United States Geological Survey, Mineral investigations resources map, MR-53, 1:2,500,000, 1 sheet.

Bi

A, D, F, O

North America, United States, Alaska,

Cobb, E. H., 1970, Mercury occurrences in Alaska: (Washington) United States Geological Survey, Mineral investigations resources map, MR-54, 1:2,500,000, 1 sheet.

Hg

A, D, F, O

North America, United States, Appalachians

Gair, J. E. and Slack, J. F., 1979, Maps showing lithostratigraphic and structural setting of stratabound (massive) sulfide deposits in the U.S. Appalachians, with available chemical and reserve data on the deposits: United States Geological Survey, Open-file report no. 79-1517, 1:1,000,000, 1 sheet.

Cu, Zn, Pb

A, C, E, S

North America, United States, California

Fratlicelli, A. and Albers, J. P., 1981, Map showing mineral resource evaluation of 53 proposed wilderness areas, California: United States Geological Survey, Open-file report no. 81-1215, 1:1,000,000, 1 sheet.

Au, Cr, Cu, Fe, Mn, Mo, Pb, U, W, Zn

A, D, F, O

North America, United States, Colorado

Collier, J. D., Hornbaker, A. L., and Chenoweth, W. L., 1978, Map of Colorado uranium and vanadium mining and milling activities: (Denver) Colorado Geological Survey, Map series, no. 11, 1:500,000, 1 sheet.

U, V

A, D, F, O

North America, United States, Colorado

Eckel, E. B., 1961, Map showing selected mineral localities and metallic mineral deposits of Colorado: Plate 1 in- Minerals of Colorado, a 100 year record by E. B. Eckel: United States Geological Survey, Bulletin 1114, 1:500,000, 1 sheet.

Bi, Co, Cu, Au, Fe, Pb, Mn, Hg, Mo, Ni, Ag, Ti, W, V, U, Zn

A, C, F, O

North America, United States, Colorado

Fischer, R. P. and others, 1946, Map showing metallic mineral deposits of Colorado: (Washington) United States Geological Survey, Missouri Basin studies no. 8, 1:1,000,000, 1 sheet.

Bi, Co, Cu, Au, Fe, Pb, Mn, Hg, Mo, Ni, Ag, Ti, W, V, Zn

A, C, F, O

North America, United States, Colorado

Hornbaker, A. L., 1978, Metal mining activity map of Colorado, excluding uranium and vanadium: (Denver) Colorado Geological Survey, 1:500,000, 1 sheet.

Base metals, Au, Ag, Pb, Cu, W, Zn, Mo, U, REE, Ti, Sn, Fe Cd, V, Bi

A, D, F, O

North America, United States, Colorado

March, W. R., and Queen, R. W., 1974, Map showing localities and amounts of metallic mineral production in Colorado: United States Geological Survey, Mineral investigations resources map, MR-58, 1:500,000, 1 sheet.

Au, Ag, Pb, Zn, Cu, Be, Fe, Mo, U, V, W, Bi, Sn, Mn

A, D, F, O

North America, United States, Colorado

Morse, R. A., 1980, Gold regions and mining districts of Colorado: (Arvada, Co.) Rusty's Maps, Colorado Mining District Research Study, 1:1,000,000, 1 sheet.

Au

A, C, F, O

North America, United States, East-central

Clark, S.H.B. and Neeley, C. L., 1983, Preliminary metallogenic map of zinc, lead, and barite deposits and occurrences, east-central United States: Plate 1 in- Zinc, lead, and barite deposits and occurrences in Paleozoic rocks, east-central United States by S. H. B. Clark and C. L. Neeley: United States Geological Survey, Open-file report no. 83-187, 78p., 1:2,500,000, 1 sheet.

Zn, Pb, Ba, Sr

A, C, E, S

North America, United States, Georgia

Georgia. Department of Mines, Mining and Geology, 1969, Mineral resource map: (Atlanta) Georgia Department of Mines, Mining and Geology, 1:500,000, 1 sheet.

Ba, Al, Fe, Mn, U, Be, Cr, Au, Cu

A, D, F, O

North America, United States, Idaho

Gaston, M. P. and Bonnichsen, Bill, 1978, Gold occurrences in Idaho: (Moscow, Id.) Idaho Bureau of Mines and Geology, Map series, no. 1, 1:1,000,000, 1 sheet.

Au

A, C, F, O

North America, United States, Idaho Basin and Range

Wong, George, 1982, Preliminary map of the mining districts of the Basin and Range area of Idaho: United States Geological Survey, Open-file report no. 82-418, 1:500,000, 1 sheet.

Ag, Au, Pb, U, Cu, Al, Mn, V, Ge, Mo, REE, Th, Zn, Fe, Hg, Sb, As

A, C, E, O

North America, United States, Maryland

Pearre, N. C., 1961, Mineral deposits of Maryland, excluding fuels, sand, and gravel: (Washington) United States Geological Survey, Mineral investigations resource map, MR-12, 1:250,000, 1 sheet.

Ba, Be, Cr, Cu, Au, Fe, Pb, Mn, Ti, Zn

A, D, F, O

North America, United States, Minnesota

Schwartz, G. M. and Prokopovich, N., 1966, Map of mineral resources of Minnesota: (Minneapolis) Minnesota Geological Survey, 1:1,000,000, 1 sheet.

Fe, Mn, Cu, Ni, Ti

A, C, F, O

North America, United States, Missouri

Kisvarsanyi, E. B., 1965, Mineral resources and industry map of Missouri: Missouri, Division of Geological Survey and Water Resources, 1:500,000, 1 sheet.

Co, Ni, Cu, Fe, Pb, Mn, W, Zn, Ba

A, D, F, O

North America, United States, Montana

Merewether, E. A., 1960, Geologic map of the igneous and metamorphic rocks of Montana showing location of uranium deposits: (Washington) United States Geological Survey, Miscellaneous geologic investigations map I-311, 1:500,000, 2 sheets.

U

A, C, E, O

North America, United States, Nevada

Beal, L. H., 1962, Titanium occurrences in Nevada: (Reno) Nevada Bureau of Mines, University of Nevada, Map 4, 1:1,000,000, 1 sheet.

Ti

A, C, F, O

North America, United States, Nevada

Bonham, H. F., 1980, Silver producing districts of Nevada 2nd ed.: (Reno) Nevada Bureau of Mines and Geology, Map 33, 1:1,000,000, 1 sheet.

Ag

A, D, F, O

North America, United States, Nevada

Horton, R. C., 1962, Iron ore occurrences in Nevada: (Reno) Nevada Bureau of Mines, University of Nevada, Map 5, 1:1,000,000, 1 sheet.

Fe

A, D, F, O

North America, United States, Nevada

Horton, R. C., 1962, Barite occurrences in Nevada: (Reno) Nevada Bureau of Mines, University of Nevada, Map 6, 1:1,000,000, 1 sheet.

Ba

A, D, F, O

North America, United States, Nevada

Horton, R. C., Bonham, H. F., and Longwill, W. D., 1962, Copper occurrences in Nevada by district: (Reno) Nevada Bureau of Mines, University of Nevada, Map 13, 1:1,000,000, 1 sheet.

Cu

A, D, F, O

North America, United States, Nevada

Jones, R. B., 1983, Lead deposits and occurrences in Nevada: (Reno) Nevada Bureau of Mines and Geology, Map 78, 1:1,000,000, 1 sheet.

Pb

A, C, F, O

North America, United States, Nevada

Lawrence, E. F., 1961, Mercury occurrences in Nevada: (Reno) Mackay School of Mines, University of Nevada, Preliminary map, no. 7, 1:1,000,000, 1 sheet.

Hg

A, D, F, O

North America, United States, Nevada

Lawrence, E. F., 1962, Antimony occurrences in Nevada: (Reno) Nevada Bureau of Mines, University of Nevada, Map 2, 1:1,000,000, 1 sheet.

Sb

A, D, F, O

North America, United States, Nevada

LeVeque, R. A., 1979, Preliminary molybdenum occurrences map of Nevada: United States Geological Survey, Open-file report no. 79-769, 1:1,000,000, 1 sheet.

Mo, Pb

A, C, F, O

North America, United States, Nevada

Papke, K. G., 1981, Barite deposits in Nevada: (Reno) Nevada Bureau of Mines and Geology, Open-file map no. 80-6, 1:1,000,000, 1 sheet.

Ba

A, C, F, O

North America, United States, Nevada

Schilling, J. H., 1980, Molybdenum deposits and occurrences in Nevada: (Reno) Nevada Bureau of Mines and Geology, Map 66, 1:1,000,000, 1 sheet.

Mo, Cu, W, Pb, Zn, Mn, V

A, C, F, O

North America, United States, Nevada

Schilling, J. H., 1962, Molybdenum occurrences in Nevada: (Reno) Nevada Bureau of Mines, University of Nevada, Map 8, 1:1,000,000, 1 sheet.

Mo

A, D, F, O

North America, United States, Nevada

Schilling, J. H., 1962, Manganese deposits of Nevada: (Reno) Nevada Bureau of Mines, Map 9, 1:1,000,000, 1 sheet.

Mn

A, D, F, O

North America, United States, New Mexico

Hilpert, L. S., 1969, Uranium deposits in northwestern New Mexico: Plate 1 in- Uranium resources of northwestern New Mexico by L. S. Hilpert: United States Geological Survey, Professional Paper 603, 166p., 1:500,000, 1 sheet.

U

A, C, E, O

North America, United States, Oklahoma

Johnson, K. S., 1969, Mineral map of Oklahoma (exclusive of oil and gas fields): (Norman, Ok.) University of Oklahoma, Oklahoma Geological Survey, Map GM-15, 1:750,000, 1 sheet.

Cu, Fe, Pb, Zn, Mn, Ag, Ti, U, Ba, Sr

A, D, F, O

North America, United States, Oregon

Brooks, H. C., 1971, Map of state of Oregon showing quicksilver deposits: Plate in- Quicksilver deposits in Oregon by H. C. Brooks: Oregon Department of Geology and Mineral Industries, Miscellaneous paper 15, 1:1,000,000, 1 sheet.

Hg

A, D, F, O

North America, United States, Virginia

Luttrell, G. W., 1966, Location map of base- and precious-metal and related ore deposits in Virginia: Plate 1 in- Base- and precious-metal and related ore deposits of Virginia by G. W. Luttrell: Charlottesville, Va., Virginia Division of Mineral Resources, 167p., 1:500,000, 1 sheet.

As, Au, Ba, Cu, Fe, Ni, Pb, Sn, W, Zn, base metal, precious metal

A, D, F, O

North America, United States, Washington

Moen, W. S., 1978, Metallic mineral resource map of Washington: (Olympia) Washington, Division of Geology and Earth Resources, Mineral resource maps of Washington, Sheet 1 of 4, Map GM-22, 1:1,000,000, 1 sheet.

Au, Ag, Cu, Mo, Pb, Zn, Fe, Ni, Cr, Mn, Ti, U, Hg, Sn, W, Sb

A, D, F, O

North America, United States, Western

Peterson, J. A., 1984, Metallogenetic maps of the ophiolite belts of the Western United States: United States Geological Survey, Miscellaneous investigations series I-1505, 1:2,500,000, 5 maps on 1 sheet.

Pt, Mn, Cu, Ni, Cr, Fe, Ti, Mg,

A, C, E, O

North America, United States, Wyoming

Merewether, E. A., 1960, Geologic map of the igneous and metamorphic rocks of Wyoming showing location of uranium deposits: (Washington) United States Geological Survey, Miscellaneous geologic investigations map, I-310, 1:500,000, 1 sheet.

U

A, C, E, O

North America, West Indies, Cuba

Cuba. Instituto Cubano de Recursos Minerales, Departamento Cientifico de Geologia, 1963, Mapa de yacimientos minerales de Cuba: (Havana) Instituto Cubano de Recursos Minerales, 1:500,000, 1 sheet.

Fe, Ni, Co, Mn, Cr, Cu, Pb, Zn, Au, Pt, W, Sb, Ba

A, D, E, O

North America, West Indies, Dominican Republic

Blesch, R. R., 1967, Mapa geologico preliminar, con informacion del agua subterranea y datos mineralogicos Republica Dominicana: (Washington) United de Recursos Naturales de la Union Panamericano, 1:250,000, 1 sheet.

Fe, Ti, Ni, Mn, Cu, Mo, Au, Al

A, D, E, O

North America, West Indies, Dominican Republic

Zoppis, Renato, 1952, Mapa geologico de la Republica Dominicana: (Ciudad Trujillo) Republica Dominica, Servicio de Minería, Commission de Fmento, 1:400,000, 1 sheet.

Fe, Ti, Mn, Ni, Co, Cr, Mo, Zn, Cu, Sb, As, Ag, Au, Al, Ba

A, D, E, O

North America, West Indies, Puerto Rica

Cox, D. P. and Briggs, R. P., 1973, Metallogenic map of Puerto Rico: (Washington) United States Geological Survey, Miscellaneous Geologic Investigations Map I-721, 1:240,000, 1 sheet.

Fe, Ti, Cu, Mo, Zn, Ag, Au, Ni, Co, Ca, Mg, Pb, Zn, Ba, Mn

A, C, E, S

Oceans

Holser, A. F., Rowland, R. W., and Goud, M. R., 1981, A compilation of subsea energy and mineral resources of the United States including its possessions and Trust Territory of the Pacific Islands: (Reston, Va.) United States Geological Survey, Miscellaneous field studies, map MF-1360, 1:20,000,000, 1 sheet.

Au, Pt, Ti, Cr, Mn

A, D, F, O

Oceans

McKelvey, V. E. and Wang, F. F. H., 1969, Preliminary map, petroleum, phosphorite, manganese-oxide nodules, and metal-bearing mud, World subsea mineral resources: (Washington) United States Geological Survey, Miscellaneous geologic investigations map I-632, 1:39,283,200, 1 sheet.

Mn

A, B, D, F, O

Oceans

McKelvey, V. E. and Wang, F. F. H., 1969, Preliminary map, Geologic and physiographic provinces, subsea underground mines, and coastal placer deposits, World subsea mineral resources: (Washington) United States Geological Survey, Miscellaneous geologic investigations map I-632, 1:39,283,200, 1 sheet.

Au, Ti, Zr, Fe, Sn, Cu, Hg, Pt, Cr, Ag, W, Zn

A, C, D, F, O

Oceans

McKelvey, V. E. and Wang, F. F. H., 1969, Preliminary map, Saline minerals, sulfur, phosphorite, manganese-oxide nodules, and metal-bearing mud, world subsea mineral resources: (Washington) United States Geological Survey, Miscellaneous geologic investigations map I-632, 1:39,283,200, 1 sheet.

Mn

A, B, D, F, O

Oceans

Rawson, M. D. and Ryan, W. B. F., 1978, Ocean floor sediment and polymetallic nodules: (Palisades, N.Y.) Lamont-Doherty Geological Observatory of Columbia University, 1:23,230,300, 1 sheet.

Mn, Fe, Co, Ni, Cu

A, C, F, O

Oceans, Atlantic Ocean

Emel'ianov, E. M., 1969, Atlanticheskii Okean tipy donnykh osadkov: Plate 5 in- Rezul'taty issledovaniia po mezhdunarodnym geofizicheskim proektam, Tipy donnykh osadkov Atlanticheskogo Okeana, Okeanologicheskia issledovaniia [no. 21b] by E. M. Emel'ianov, A. P. Lisitsyn, and A. V. Il'in, Kaliningrad, Mezhdunarodnogo geofizicheskogo goda, 578p., 1975, 1:20,000,000, 1 sheet.

Mn, Fe

A, C, F, S

Oceans, Atlantic Ocean

Ewing, M. and others, 1971, Surface distribution of manganese nodules and crusts in the Atlantic Ocean (based on bottom photographs): (Palisades, N.Y.) Lamont-Doherty Geological Observatory of Columbia University, 1:45,000,000, 1 sheet.

Mn

A, C, F, O

Oceans, Atlantic Ocean

Horn, D. R. and others, 1971, Surface distribution of manganese nodules and crusts in the Atlantic Ocean (based on deep-sea cores): (Palisades, N. Y.) Lamont-Doherty Geological Observatory of Columbia University, 1:45,000,000, 1 sheet.

Mn

A, C, F, O

Oceans, Atlantic Ocean

Horn, D. R., Horn, B. M., and Delach, M. N., 1972[1973], Metal content of ferromanganese deposits of the oceans, Map 2- Copper content, Atlantic ocean: National Science Foundation, 1:50,000,000, 1 sheet.

Cu

A, C, F, S

Oceans, Atlantic Ocean

Horn, D. R., Horn, B. M., and Delach, M. N., 1972[1973], Metal content of ferromanganese deposits of the oceans, Map 6- Manganese content, Atlantic Ocean: National Science Foundation, 1:50,000,000, 1 sheet.

Mn

A, C, F, S

Oceans, Atlantic Ocean

Horn, D. R., Horn, B. M., and Delach, M. N., 1972[1973], Metal content of ferromanganese deposits of the oceans, Map 8- Cobalt content, Atlantic Ocean: National Science Foundation, 1:50,000,000, 1 sheet.

Co

A, C, F, S

Oceans, Pacific Ocean

Ewing, M. and others, 1971, Surface distribution of manganese nodules and crusts in the Pacific ocean (based on bottom photographs): (Palisades, N.Y.) Lamont-Doherty Geological Observatory of Columbia University, 1:45,000,000, 1 sheet.

Mn

A, C, F, O

Oceans, Pacific Ocean

Horn, D. R. and others, 1971, Surface distribution of manganese nodules and crusts in the Pacific ocean (based on deep-sea cores): (Palisades, N.Y.) Lamont-Doherty Geological Observatory of Columbia University, 1:45,000,000, 1 sheet.

Mn

A, C, F, O

Oceans, Pacific Ocean

Horn, D. R., Horn, B. M., and Delach, M. N., 1972[1973], Metal content of ferromanganese deposits of the oceans, Map 1- Copper content, Pacific Ocean: National Science Foundation, 1:50,000,000, 1 sheet.

Cu

A, C, F, S

Oceans, Pacific Ocean

Horn, D. R., Horn, B. M., and Delach, M. N., 1972[1973], Metal content of ferromanganese deposits of the oceans, Map 3- Nickel content, Pacific ocean: National Science Foundation, 1:50,000,000, 1 sheet.

Ni

A, C, F, S

Oceans, Pacific Ocean

Horn, D. R., Horn, B. M., and Delach, M. N., 1972[1973], Metal content of ferromanganese deposits of the oceans, Map 4- Nickel content, Pacific Ocean: National Science Foundation, 1:50,000,000, 1 sheet.

Ni

A, C, F, S

Oceans, Pacific Ocean

Horn, D. R., Horn, B. M., and Delach, M. N., 1972[1973], Metal content of ferromanganese deposits of the oceans, Map 5- Manganese content, Pacific Ocean: National Science Foundation, 1:50,000,000, 1 sheet.

Mn

A, C, F, S

Oceans, Pacific Ocean

Horn, D. R., Horn, B. M., and Delach, M. N., 1972[1973], Metal content of ferromanganese deposits of the oceans, Map 7- Cobalt content, Pacific Ocean: National Science Foundation, 1:50,000,000, 1 sheet.

Co

A, C, F, S

Oceans, Pacific Ocean

United States Geological Survey, 1978, Bathymetric and nodule assessment map, northeast equatorial Pacific Ocean: (Reston, Va.) United States Geological Survey, Miscellaneous investigations series map I-1094 A through I-1094-O, 1:1,000,000, 15 sheets.

Mn, Fe, Cu, Ni

A, C, F, O

Oceans, Pacific Ocean, North

Horn, D. R., Horn, B. M., and Delach, M. N., [1972], Surface distribution, ferromanganese deposits, sedimentary provinces, North Pacific: (Palisades, N.Y.) Lamont-Doherty Geological Observatory of Columbia University, 1:16,000,000, 1 sheet.

Fe, Mn

A, C, E, O

Oceans, Pacific Ocean, North

Horn, D. R., Horn, B. M., and Delach, M. N., [1972], Nickel, copper and cobalt content of ferromanganese nodules, sedimentary provinces, North Pacific: (Palisades, N.Y.) Lamont-Doherty Geological Observatory of Columbia University, 1:16,000,000, 1 sheet.

Ni, Cu, Co

A, C, E, O

Oceans, Pacific Ocean, North

Horn, D. R., Horn, B. M., and Delach, M. N., [1972], Iron, manganese and calcium content of ferromanganese nodules, sedimentary provinces, North Pacific: (Palisades, N.Y.) Lamont-Doherty Geological Observatory of Columbia University, 1:16,000,000, 1 sheet.

Fe, Mn, Ca

A, C, E, O

Oceans, Pacific Ocean, South

Glasby, G. P. and Lawrence, P., 1974, Manganese deposits in the South Pacific Ocean, Distribution: (Wellington) New Zealand Oceanographic Institute, Charts, miscellaneous series no. 33, 1:25,000,000, 1 sheet.

Mn

A, D, F, O

Oceans, Pacific Ocean, South

Glasby, G. P. and Lawrence, P., 1974, Manganese deposits in the South Pacific Ocean, Manganese content: (Wellington) New Zealand Oceanographic Institute, Charts, miscellaneous series no. 34, 1:25,000,000, 1 sheet.

Mn

A, D, F, O

Oceans, Pacific Ocean, South

Glasby, G. P. and Lawrence, P., 1974, Manganese deposits in the South Pacific Ocean, Iron content: (Wellington) New Zealand Oceanographic Institute, Charts, miscellaneous series no. 35, 1:25,000,000, 1 sheet.

Mn, Fe

A, D, F, O

Oceans, Pacific Ocean, South

Glasby, G. P. and Lawrence, P., 1974, Manganese deposits in the South Pacific Ocean, Copper content: (Wellington) New Zealand Oceanographic Institute, Charts, miscellaneous series no. 36, 1:25,000,000, 1 sheet.

Mn, Cu

A, D, F, O

Oceans, Pacific Ocean, South

Glasby, G. P. and Lawrence, P., 1974, Manganese deposits in the South Pacific Ocean, Nickel content: (Wellington) New Zealand Oceanographic Institute, Charts, miscellaneous series no. 37, 1:25,000,000, 1 sheet.

Mn, Ni

A, D, F, O

Oceans, Pacific Ocean, South

Glasby, G. P. and Lawrence, P., 1974, Manganese deposits in the South Pacific Ocean, Cobalt content: (Wellington) New Zealand Oceanographic Institute, Charts, miscellaneous series no. 38, 1:25,000,000, 1 sheet.

Mn, Co

A, D, F, O

South America

Goudarzi, G. H., 1977, Map showing copper deposits of South America: (Reston, Va.) United States Geological Survey, Miscellaneous field studies, Map MF 868-F, 1:15,000,000, 1 sheet.

Cu

A, C, E, O

South America

Goudarzi, G. H., 1977, Map showing precious metal deposits of South America: (Reston, Va.) United States Geological Survey, Miscellaneous field studies, Map MF 868-G, 1:15,000,000, 1 sheet.

Au, Ag, Pt

A, C, F, S

South America

Goudarzi, G. H., 1977, Map showing lead-zinc deposits of South America: (Reston, Va.) United States Geological Survey, Miscellaneous field studies, Map MF 868-C, 1:15,000,000, 1 sheet.

Pb, Zn

A, C, F, S

South America

Goudarzi, G. H., 1977, Map showing bauxite, manganese, and nickel deposits of South America: (Reston, Va.) United States Geological Survey, Miscellaneous field studies, Map MF-868-E, 1:15,000,000, 1 sheet.

Al, Mn, Ni

A, D, F, S

South America

Goudarzi, G. H., 1977, Map showing chromium, molybdenum, tin, tungsten, and vanadium deposits of South America: (Reston, Va.) United States Geological Survey, Miscellaneous field studies, Map MF 868-B, 1:15,000,000, 1 sheet.

Cr, Mo, Sn, W, V

A, D, F, S

South America

Goudarzi, G. H., Klemic, Harry, and Copper, Margaret, 1977, Map showing iron deposits of South America: (Reston, Va.) United States Geological Survey, Miscellaneous field studies, Map MF 868-D, 1:15,000,000, 1 sheet.

Fe

A, C, F, O

South America

Martin F., Cecilia and others, 1983, Mapa metalogenico de America del Sur (Metallogenic map of South America): (Caracas) Ministerio de Energia y Minas y Petroleos de Venezuela, 1:5,000,000, 2 sheets.

W, Fe, Cu, Au, Cr, Ca, Pb, Hg, F, P, U, Mn, Sn, Ti, Mo, Ag, Ni, Co, Na, Zn, S, Sb, V, Al, Pt, K, REE, Nb, Ta, Mg, Ba, Th, Zr, Bi, Be, Li, Pyrite, Kyanite Group, Asbestos, Talc, Graphite

A, C, E, S

South America

Stappenbeck, Richard, 1926, Karte der Minerallagerstätten von Sud-Amerika (Map of the mineral deposits of South America): (Berlin) Dietrich Reimer (Ernst Vohsen), 1:3,750,000, 6 sheets.

Au, Ag, Pt, Pb, Zn, Sn, Cu, Fe, Mn, Cr, Hg, W, Bi, Mo, Sb, Co, Ni, As, Al, V, Ba

A, D, F, O

South America, Andes

Oyarzun Munoz, Jorge, 1980, Carte des gisements minéraux des pays Andins: (Concepcion, Chile) Departamento de Geologia y Paleontologia, Universidad de Concepcion, 1:5,000,000, 2 sheets.

Cr, Ni, Pt, Fe, Mn, Co, Ni, Cu, Au, Ag, Mo, Pb, Zn, Sb, Hg, As, Bi, Sn, W, U, V, K, Mg

A, C, E, O

South America, Argentina

Angelelli, V. and others, 1969, Mapa metalogenetico de la Republica Argentina: Direccion Nacional de Geologia y Minería, 1:2,500,000, 3 sheets.

Be, Cu, Fe, Mn, Au, Pb, Ag, Zn, Ti, U, W, Sb, Bi, Cr, Sn, Li, Th, V

A, D, E, S

South America, Argentina

Argentine Republic. Direccion Nacional de Minería, 1957, Mapa minero de la Republica Argentina: Argentina, Direccion Nacional de Minería, 1:4,500,000, 1 sheet.

Sb, As, Be, Bi, W, Zn, Cu, Nb, Ta, Cr, Sn, Pt, Fe, Li, Mn, Hg, Mo, Ni, Co, Au, Ag, Pb, Se, Ti, V, Ba

A, D, F, O

South America, Argentina, Rioja

Argentina. Instituto Nacional de Geologia y Minería, 1967, Provincia de la Rioja, mapa minero: Argentina, Instituto Nacional de Geologia y Minería, 1:750,000, 1 sheet.

Sb, Be, Cu, Nb, Ta, Sn, Fe, Mn, Hg, Mo, Ni, Co, Au, Ag, Pb, Zn, Se, U, W, Ba

A, D, F, O

South America, Bolivia

Ahlfeld, Federico, 1963, Mapa de los yacimientos minerales e hidro-carburos de Bolivia: Plate in- Los yacimientos minerales y de hidro-carburos de Bolivia by Federico Ahlfeld and Alajandro Schneider-Scherbina, Bolivia Departamento Nacional de Geologia, Boletin no. 5, 1:1,300,000, 1 sheet.

Sn, Ag, W, Au, Cu, Pb, Zn, Sb, Bi, Hg, Ni, Fe, Mn, Mo
A, D, F, O

South America, Bolivia

Bolivia. Programa del Satelite Tecnologico de Recursos Naturales, [1979], Metalogenesis de los Andes bolivianos, relacion con la Placa de Nazca: (La Paz) Bolivia, Programa del Satelite Tecnologico de Recursos Naturales, 1:1,000,000, 1 sheet.

W, Sn, Bi, Cu, Au, Ag, Pb, Zn, Sb
A, C, E, O

South America, Bolivia

Programa del Satelite Tecnologico de Recursos Naturales, [1979], Fajas mineralizadas de los Andes bolivianos: (La Paz) Bolivia, Programa del Satelite Tecnologico de Recursos Naturales, 1:1,000,000, 1 sheet.

W, Sn, Bi, Cu, Au, Ag, Pb, Zn, Sb
A, D, F, O

South America, Brazil

Brazil. Departamento Nacional da Producao Mineral, 1981, Mapa geologico do Brasil e da area oceanica adjacente incluindo depositos minerais (Geologic map of Brazil and adjoining oceanic floor including mineral deposits): Brazil, Departamento Nacional da Producao Mineral, 1:2,500,000, 4 sheets.

Mg, Cr, Fe, Mn, Mo, Ni, Nb, Ta, W, Al, As, Be, Pb, Cu, Sn, Au, Pd, Pt, Ag, REE, Ti, Th, V, Zn, Zr, Sb, Ba, U
A, D, C, E, S

South America, Brazil

Brazil. Ministerio da Agricultura. Departamento Nacional da Producao Mineral. Divisao de Fomento da Producao Mineral, 1944, Distribuicao geografica das jazidas minerais do Brasil: Brazil, Ministerio da Agricultura, Departamento Nacional da Producao Mineral, 1:7,200,000, 1 sheet.

Fe, Mn, Al, Sn, W, Ti, Au, Ag, Pt, Cu, Pb, Zn, Cr, Ni, Co, Be, Li, Ca, Ba, Mg, Zr
A, D, F, O

South America, Brazil

Brazil. Servico Geologico e Mineralogico, 1929, Carta das jazidas minerais do Brasil: Brazil, Servico Geologico e Mineralogico, 1:4,000,000, 4 sheets.

Au, Pt, Ag, Mn, Fe, Cu, Sb, Pb, Sn, Hg, Zr, Ti, Cr, Nb, Mo, Zn, Ni, Al, W
A, C, F, O

South America, Brazil

Ruy Derze, Gilberto, 1973, Mapa metalogenetico do Brasil: Ministerio das Minas e Energia, Departamento Nacional da Producao Mineral, 1:5,000,000, 1 sheet.

Fe, Mn, Au, As, Hg, Cr, Pt, Pd, Ni, Co, Pb, Zn, Cd, Ag, Sb, Cu, Al, Ca, Sn, W, Mo, Mg, Ba, Sr, Ti, Zr, Y, Nb, Ta, Be, Bi, U, V
A, C, E, O

South America, Brazil

Sao Paulo. Diretoria de Estatistica, Industria e Comercio, 1940, Brasil economico, metais semi-preciosos: Sao Paulo, Diretoria de Estatistica, Industria e Comercio, 1:5,200,000, 1 sheet.

Ni, Pb, Al, Zn, Cu, Sn
A, D, F, O

South America, Brazil

Sao Paulo. Diretoria de Estatistica, Industria e Comercio, 1940, Brasil economico, minerais basicos para a industria pesada: Sao Paulo, Diretoria de Estatistica, Industria e Comercio, 1:5,200,000, 1 sheet.

Fe, Mn, Cr, Ti, W, V, Mo
A, D, F, O

South America, Brazil, Bahia

Tude de Sa, E. L., 1980, Mapa dos recursos minerais do estado da Bahia: Estado da Bahia, Secretaria das Minas e Energia, Coordenacao de Producao Mineral, 1:1,500,000, 1 sheet.

Cr, Fe, Mn, Pb, Cu, Sn, Li, Mo, Nb, Ta, Ti, Zn, Au, Zr, V, U, REE
A, D, F, O

South America, Brazil, Goias

Brazil. Dept. Nacional da Producao Mineral. 6 Distrito Centro-Oeste. Secao de Fomento do Producao Mineral, [s.d.], Mapa de ocorrencias minerais con localizacao aproximada dos macicos basicos e/ou ultrabasicos do Estado de Goias: Brazil, Department Nacional da Producao Mineral, 1:2,500,000, 1 sheet.

Al, As, Au, Ba, Be, Ca, Co, Cr, Cu, Fe, Mn, Ni, Pb, Pt, Sn, Ta, Ti, Y, Zn, Zr
A, D, F, O

South America, Brazil, Minas Gerais

Instituto de Geo-Ciencias Aplicadas. Directorias de Geologia e Cartografia, 1978, Estado de Minas Gerais, mapa de ocorrencias minerais: (Belo Horizonte) Instituto de Geo-Ciencias Aplicadas, 1:1,500,000, 1 sheet.

Ni, Fe, Cr, V, Mo, Nb, Mn, Co, Al, Zn, Sn, Ti, Cu, Pb, Sb, Li, Be, Zr, U, Th, Au, Ag, Pt

A, D, F, O

South America, Brazil, Rio de Janeiro

Rio de Janeiro, Departamento de Recursos Minerais, 1978, Mapa de situacao de depositos e ocorrencias minerais: (Rio de Janeiro) Estado do Rio de Janeiro, Departamento de Recursos Minerais, 1:400,000, 1 sheet.

Al, Pb, Cu, Ti, Cr, Fe, Mn, Mo, Ni, Nb, Ta, Zr, Ba

A, D, F, O

South America, Brazil, Rio Grande do Norte

Projeto Cadastramento dos Recursos Minerais do Estado do Rio Grande do Norte, 1978, Mapa geologico preliminar do Rio Grande do Norte: (Natal) Estado do Rio Grande do Norte, Secretaria da Industria e Comercio, Companhia de Desenvolvimento de Recursos, 1:500,000, 1 sheet.

Ba, Cu, Au, W, Be, Sn, Li, Ta, Nb, Fe

A, C, E, O

South America, Chile

Chile. Departamento de Minas y Combustibles, [s.d.], Mapa minero de Chile: Chili, Departamento de Minas y Combustibles, 1:1,500,000, 2 sheets.

Cu, Fe, Mn, Au, Ag, Pb, Ba, Mo, U, W

A, D, F, O

South America, Chile

Ruiz F., Carlos, 1962, Mapa metalogenico de Chile: Chili, Instituto de Investigaciones Geologicas, 1:1,500,000, 1 sheet.

Cu, Mo, Co, W, Fe, Mn, Ag, Zn, Au, Hg, Sb

A, D, E, S

South America, Colombia

Lozano, D. B. and Kassem B., Taissir, 1976, Mapa metalogenico de Colombia (Metallogenic map of Colombia): (Bogota) Colombia, Instituto Nacional de Investigaciones Geologico-Mineras, 1:5,000,000, 1 sheet.

Cu, Be, Fe, Mo, Au, Ag, Cr, Ni, Pt, Ca, Na, Mg, Pb, Zn, Hg, Sb, U, Mn, Al

A, C, E, O

South America, Colombia, Caldas, Risaralda, and Quindio

Colombia. Instituto Nacional de investigaciones Geologico-Mineras, 1972, Mapa minero de los Departamentos de Caldas, Risaralda y Quindio: (Bogota) Colombia, Instituto Nacional de Investigaciones Geologico-Mineras, 1:250,000, 1 sheet.

Au, Pb, Zn, Ag, Sb, Cu, Fe, Mn, Hg
A, D, F, O

South America, Colombia, Tolima

Buitrago R., Carlos, Buenaventura A., J. A., and Vesga O. C. J., 1974, Ocurrencias minerales en el Departamento del Tolima: Colombia, Instituto Nacional de Investigaciones Geologico-Mineras, 1:250,000, 1 sheet.

Sb, Cu, Fe, Mn, Hg, Mo, Pb, Zn, Au, Ag, Ba
A, D, F, O

South America, Ecuador

Ecuador. Direccion General de Minas e Hidrocarburos, 1960, Mapa mineralogico del Ecuador: Ecuador, Direccion General de Minas e Hidrocarburos, 1:1,000,000, 2 sheets.

Au, Ag, Cu, Pb, Fe, Mn, Sb, Zn, W, V, Mo, Ti
A, D, F, O

South America, Ecuador

Ecuador. Direccion General de Minas e Hidrocarburos, 1960, Mapa mineralogico del Ecuador: Ecuador, Direccion General de Minas e Hidrocarburos, 1:5,000,000, 1 sheet.

Au, Ag, Cu, Pb, Fe, Mn, W, V, Mo, Sb, Zn
A, D, F, O

South America, Ecuador

Ecuador. Direccion General de Geologia y Minas, 1971, Mapa mineralogico [de Ecuador]: Ecuador, Direccion General de Geologia y Minas, 1:2,000,000, 1 sheet.

Au, Cu, Ag, Zn, Pb, Ba, Sb, Hg, Fe, Mn, Mo, Ni, U, Pt
A, D, F, O

South America, Ecuador

Goossens, P. J., 1969, Mineral index map, Republic of Ecuador (Mapa indice mineralogico, Republica del Ecuador): (Quito) Servicio Nacional de Geologia y Minería, Ministerio de Industrias y Comercio, 1:1,000,000, 2 sheets.

Ag, As, Au, Ba, Ca, Co, Cu, Fe, Hg, Mn, Mo, Ni, Pb, Sb, U, Cr, Pt, Ti, V, Zn
A, C, E, O

South America, Ecuador

Paladines P., Agustin, Sanmartin D., Hector, and Suarez L., Homero, 1980, Mapa metalogenico de la Republica del Ecuador: Ecuador, Ministerio de Recursos Naturales y Energeticos, 1:1,000,000, 1 sheet.

Sn, W, Bi, Fe, Ti, V, Fe, Cu, Mo, Zn, Ag, Au, Be, Cr, Ni, Co, Pt, Mg, B, Pb, Li, Hg, Sb, Ba, U, V, Th, Mn
A, C, E, O

South America, Guyana

Guyana. Geological Survey Department, 1955, Provisional mineral and tectonic map of British Guyana: Guyana, Geological Survey Department, 1:1,400,000, 1 sheet.

Al, Au, Nb, Mn, Fe, Cr
A, C, F, O

South America, Guyana

Guyana. Geology and Mines Commission, 1979, Provisional mineral map of Guyana- showing production of economic minerals, period 1968 to 1978: (Georgetown) Guyana, Geology and Mines Commission, 1:2,000,000, 1 sheet.

Au, Al, Mn, Nb, Ta, Fe, W, Mg, Cu, Ni, Mo, Sn, Radioactive elements
A, D, F, O

South America, Guyana

Rahaman, T. M., 1966, Mineral exploration map of Guyana: Figure 2 in- A guide to mineral exploration in Guyana by J. R. MacDonald: Geological Survey of Guyana, Bulletin 38, 91p., 1968, 1:1,000,000, 1 sheet.

Au, Al, Mn, Fe, Mo, Mg
A, C, F, O

South America, Peru

Bellido Bravo, Eleodoro, Girard, D., and Paredes, J., 1972, Mapa metalogenico del Peru: In- Aspectos generales de la metalogenia del Peru by Eleodoro Bellido Bravo and Luis de Montreuil D., Servicio de Geologia y Minería, Geologia economica no. 1, 149p., 1:2,500,000, 1 sheet.

Fe, Cu, Pb, Zn, Ag, Cd, Au, W, Mo, Sn, Bi, Mn, Hg, Sb, U, V, Cr, Pt, Ni, Co
A, C, E, O

South America, Peru

Casas, Fernando de las, 1969, Peru, mapa metalogenetico: (Lima) Peru, Sociedad Nacional de Mineraria y Petroleo, 1:1,000,000, 8 sheets.

Cu, Fe, Pb, Zn, Ag, Au, As, Sb, Bi, Sn, Mn, Mo, Ni, Co, Cr, W, V, Radioactive elements
A, C, E, O

South America, Peru

Peru. Instituto de Geologia y Minería, [s.d.], Mapa de yacimientos metalicos del Peru: Peru, Instituto de Geologia y Minería, 1:1,000,000, 8 sheets.

Fe, Cu, Pb, Zn, Ag, Au, W, Mo, Sn, Bi, Mn, Hg, Sb, U, V, Cr, Pt, Ni, Co
A, C, F, O

South America, Peru

Peru. Instituto de Geologia y Minería, [s.d.], Principales distritos mineros del Peru: Peru, Instituto de Geologia y Minería, 1:2,000,000, 1 sheet.

Au, Pb, Ag, Zn, Cu, Fe, Mn, W, Mo, V, Sb, Hg
A, D, F, O

South America, Peru, Ancash

Peru. Instituto de Geologia y Minería, [s.d.], Mapa minero del Dpto. del Ancash.: Peru, Instituto de Geologia y Minería, 1:250,000, 1 sheet.

Pb, Zn, Ag, Cu, Fe, Au, W, Mo, Sn, Bi, V, U, Sb, Hg
A, D, F, O

South America, Peru, Apurimac

Peru. Servicio de Geologia y Minería, [s.d.], Mapa de yacimientos metalicos del Dpto. de Apurimac: Peru, Servicio de Geologia y Minería, 1:250,000, 1 sheet.

Fe, Cu, Pb, Zn, Ag, Au
A, C, F, O

South America, Peru, Huancavelica

Peru. Servicio Nacional de Geologia y Minería, 1970, Mapa minero del Dpto. de Huancavelica: Peru, Servicio Nacional de Geologia y Minería, 1:250,000, 1 sheet.

Pb, Zn, Ag, Cu, Fe, Au, W, Mo, Sn, Bi, V, U, Sb, Hg, Mn
A, D, F, O

South America, Peru, Libertad

Peru. Servicio Nacional de Geologia y Minería, 1970, Mapa minero del Dpto. de La Libertad: Peru, Servicio Nacional de Geologia y Minería, 1:250,000, 1 sheet.

Fe, Cu, Pb, Zn, Ag, Au, W, Mo, Sn, Bi, Sb, Mn
A, D, F, O

South America, Peru, Moquegua and Tacna

Peru. Servicio Nacional de Geologia y Minería, 1972, Mapa minero de los Dptos. de Moquegua y Tacna: Peru, Servicio Nacional de Geologia y Minería, 1:250,000, 1 sheet.

Pb, Zn, Ag, Cu, Fe, Sb, Mg, Ba, Mn
A, D, F, O

South America, Peru, Puno

Peru. Servicio Nacional de Geologia y Minería, 1970, Mapa minero del Dpto. de Puno: Peru, Servicio Nacional de Geologia y Minería, 1:250,000, 1 sheet.

Pb, Zn, Ag, Cu, Fe, Au, W, Mo, Sn, Bi, Ni, Co, V, U, Sb, Hg, Mn
A, D, F, O

South America, Suriname

Dahlberg, E. H., 1976, Metallogenic map of Suriname: Suriname, Geologisch Mijnbouwkundige Dienst, Medeling 24, Contributions to the geology of Suriname no. 5, 1:250,000, 1 sheet.

Sn, Be, Li, Nb, Ta, Fe, Ti, Cu, Mo, Au, Cr, Pt, Ni, Hg, U, Th, Mn, Al
A, C, E, S,

South America, Venezuela

Bellizzia G., Alirio, [s.d.], Recursos minerales de Venezuela: Venezuela, Ministerio de Minas e Hidrocarburos, 1 sheet.

Al, Sb, Cu, Cr, Fe, Mg, Mn, Hg, Ni, Au, Ag, Pb, Ti, W, Zn
A, C, F, O

South America, Venezuela

Bellizzia G., Alirio, Bellizzia, N. P. de, Rodriguez, Simon, 1980, Mapa metalogenico de Venezuela: Venezuela, Ministerio de Energia y Minas, 1:2,500,000, 1 sheet.

W, Fe, Cu, Au, Cr, Ca, Pb, Hg, U, Mn, Sn, Ti, Mo, Ag, Ni, Na, Zn, Sb, V, Al, Zr, Hf, Be, Co, K, Nb, Ta, Mg, Ba, Sr
A, C, E, O

South America, Venezuela

Martin F., Cecilia, 1976, Mapa metalogenico de Venezuela: Venezuela, Ministerio de Minas e Hidrocarburos, 1:3,703,703, 1 sheet.

W, Fe, Cu, Pt, Ca, Pb, Hg, U, Mn, Sn, Ti, Mo, Ni, Na, Zn, Sb, V, Al, Be, Ag, Co, K, Nb, Ta, Ba, Th, Li, Sr
A, C, E, O

South America, Venezuela

Woznessensky, Boris, 1970, Mapa mineralogenico pronostico preliminar de la Republica de Venezuela: Venezuela, Direccion de Geologia, 1:2,000,000, 1 sheet.

Al, Au, Cu, Cr, Fe, Hg, Mg, Mn, Ni, Pb, Ti, W, Zn
A, C, E, O

South America, Venezuela, Yaracuy

Venezuela. Direccion de Geologia, 1970, Recursos minerales del Estado Yaracuy: (Caracas) Venezuela, Direccion de Geologia, 1:265,000, 1 sheet.

Cu, Fe, Pb, Zn, Sb, As, Au, Ag, Ti, Ni

A, D, E, O

South America, Venezuela, Yaracuy

Venezuela. Ministerio de Minas e Hidrocarburos. Direccion de Geologia, 1970, Recursos minerales del Estado Yaracuy: Venezuela, Ministerio de Minas e Hidrocarburos, Direccion de Geologia, 1:100,000, 1 sheet.

Cu, Fe, Pb, Zn, Sb, As, Au, Ag, Ti, Ni,

A, C, E, S,

Union of Soviet Socialist Republics

Ilyin K. B. (ed.), 1970, Skhem metallogenicheskogo raionirovaniya SSSR: USSR Ministry of Geology, (Moscow) 1:10,000,000, 1 sheet.

B, D, E, O

Union of Soviet Socialist Republics

Ilyin K. B. (ed.), 1967, Karta osnovnykh metallogenicheskikh zon territorii SSR: USSR Ministry of Geology, (Moscow) 1:7,500,000, 2 sheets.

Au, Hg, Sb, As, Co, Ni, Cu, Mo, Sn, W, Pb, Zn, Cu, Fe, Ti, Zr, Cr, Pt, V, Mn, Al, nonmetallic

B, D, E, O

Union of Soviet Socialist Republics

Ministerstvo Geologii SSR, VSEGEI, 1967, Metallogenicheskaya karta SSSR: USSR Ministry of Geology, (Moscow) 1:2,500,000, 18 sheets.

Au, Hg, Sb, As, Co, Ni, Mo, Sn, W, Pb, Zn, Cu, Fe, Ti, Cr, Pt, V, Mn, Al, Mg, Ba, K, nonmetallic

A, C, E, O

Union of Soviet Socialist Republics

Orlova, M.P. and Krasnov, V. I., 1976, Karta razmeshcheniya i mineragenicheskoi spetsializatsii shchelochnykh magmaticheskikh formatsii territorii SSSR: USSR Ministry of Geology, (Moscow) 1:10,000,000, 1 sheet.

Fe, Ti, Co, Cr, Cu, Pb, Zn, Mo, Al, REE

A, C, E, S

Union of Soviet Socialist Republics

Rundquist, D. V. (ed.), 1980, Karta structurno-metallogenicheskikh zon territorii SSSR: USSR Ministry of Geology, (Moscow) 1:10,000,000, 3 sheets.

B, D, E, O

Union of Soviet Socialist Republics

Sidorenko, A. V., 1973, Karta boksitanoshosti SSSR: (Moscow) Ministevstvo Geologii SSSR, 1:5,000,000, 4 sheets.

Al, Fe

A, C, E, O

Union of Soviet Socialist Republics

Sidorenko, A. V., and Mikhailov, B. M., 1973, Karta boksitonosnosti SSSR: USSR Ministry of Geology, (Moscow) 1:5,000,000, 4 sheets.

Al

A, C, E, O

Union of Soviet Socialist Republics

Till, A. B. and Page, N. J., 1979, Reported occurrences of platinum in the USSR: (Reston, Va.) United States Geological Survey, Miscellaneous field studies map, MF-1071, 1:7,500,000, 1 sheet with 2nd sheet of insets.

Pt

A, C, E, O

Union of Soviet Socialist Republics

USSR Glavnoe upravlenie geodezii i kartografii, 1980, Chimkentskaia oblast fizicheskaja uchebnaia karta: (Moscow) Glavnoe upravlenie geodezii i kartografii pri Sovete Ministrov SSSR, 1:600,000, 1 sheet.

Fe, polymetallic

A, D, F, O

Union of Soviet Socialist Republics

USSR Glavnoe upravlenie geodezii i kartografii, 1979, Mestorozhdeniia poleznykh: (Moscow) Glavnoe upravlenie geodezii i kartografii pri Sovete Ministrov SSSR, 1:5,000,000, 2 sheets.

Fe, Mn, Cr, Ni, W, Mo, Al, Cu, Sn, Hg, Au, polymetallic, K

A, D, F, O

Union of Soviet Socialist Republics

USSR Glavnoe Upravlenie Geodezii i Kartografii, 1966, Mestorozhdeniia poleznykh iskoraemykh SSSR uchebnaia karta: (Moscow) Ministerstvo Geologii SSSR, 1:5,000,000, 4 sheets.

Fe, Mn, Cr, Ti, Ni, W, Mo, Al, Cu, Sn, Au, Pt, K, Hg, polymetallic

A, D, F, O

Union of Soviet Socialist Republics

USSR Ministerstvo Geologii. Vsesoiuznyi Nauchno-Issledovatel'skii Geologicheskii Institut (VSEGEI), 1968, Karta osnovnykh metallogenicheskikh zon territorii SSSR: (Moscow) Vsesoiuznyi Aerogeologicheskii Trest, Ministerstvo Geologii SSSR, 1:7,500,000, 2 sheets.

Au, Sb, As, Co, Ni, Mo, Sn, Fe, Ti, Zn, Zr, Cr, Pt, V, Mn, Al, Cu, Pb, W, Ba, K, Hg, Mg

A, C, E, O

Union of Soviet Socialist Republics

Zverev, A. S. (ed.), 1981, Mineragenicheskaya karta SSSR. Fosfatnoye syr'ye.: USSR Ministry of Geology, (Moscow) 1:2,500,000, 16 sheets.

P

A, C, E, O

Union of Soviet Socialist Republics, Azerbaijan

Abdullaev, R. N., Bektashi, S. A., and Tvalchrelidze, G. A., 1981, Metallogenic Map of the Azerbaijan SSR: USSR Ministry of Geology, (Moscow) 1:1,500,000, 2 sheets.

Union of Soviet Socialist Republics, Baltic

Stumbur, K. A., 1978, Map of mineral deposits of the Soviet Baltic Republics: USSR Ministry of Geology, (Moscow) 1:1,500,000, 4 sheets.

Fe, Pb, Zn, P, nonmetallic,

Union of Soviet Socialist Republics, Baltic Shield

Bilibina, T. V., 1977, Metallogeniia vostochnoi chasti Baltiiskogo shchita (Metallogenic map of the eastern part of the Baltic Shield): (Moscow) Ministerstvo Geologii SSSR, 1:1,500,000, 1 sheet.

Al, Zn, Pb, Cu, Fe, Sn, Mo, W, Ni, Ti, Co

A, C, E, O

Union of Soviet Socialist Republics, Caucasus

Tvalchrelidze, G. A. (ed.), 1977, Karta rudnykh formatsii Kavkaza: Soviet Ekonomicheskoi Vzaimopomoshchi, Postoyannaya komissiya SEV po geologii, (Moscow) USSR Ministry of Geology, 1:1,000,000, 2 sheets.

Cr, Fe, Ti, Mn, Co, Sn, W, Mo, Cu, Pb, Zn, Au, Sb, As, Hg, REE, Al

A, C, E, O

Union of Soviet Socialist Republics, Caucasus

Metallogenicheskaya karta Kavkaza: Sovet Ekonomicheskoi Vzaimopomoshchi, Postoyannaya komissiya SEV po geologii, (Moscow) USSR Ministry of Geology, 2 sheets.

B, C, E, O

Union of Soviet Socialist Republics, Kamchatka, Sakhalin, Kuril

Rotman, V. K., 1982, Metallogenicheskaya karta Kamchatki, Sakhalina i Kuril'skikh ostrovov: in- Metallogeny of the USSR, Rundquist, D. V., Volkov, V. M. and Smirnov, V. I. (eds.), (Moscow) USSR Ministry of Geology, 1:1,500,000, 1 sheet.

Mn, Cr, Mo, Cu, Pb, Hg, Au

A, C, E, O

Union of Soviet Socialist Republics, Siberia

Malich, N. S. (ed.), 1982, Metallogenicheskaya karta Sibirskoi platformy: in- Metallogeny of the USSR, Rundquist, D. V., Volkov, V. M., and Smirnov, V. I. (eds.), (Moscow) USSR Ministry of Geology, 1:2,500,000, 6 sheets.

Fe, Mn, Ti, Cu, Pb, Zn, Sn, Cr, Au, Al, W, Mo, Hg

A, C, E, O

Union of Soviet Socialist Republics, Siberia, Far East

Bogdanov, Yu. V. (ed.), 1979, Metallogenicheskaya karta regiona Baikalo-Amurskoi magistrali: USSR Ministry of Geology, (Moscow) 1:500,000, 1 sheet.

Fe, Mn, Cr, Ti, Cu, Ni, Pb, Zn, Sn, Al, Mo, W, Hg, Sb, Ta, Nb, REE, Au

A, C, E, O

World

Byers, V. P., 1977, Preliminary maps showing principal uranium deposits of the world: United States Geological Survey, Open-file report no. 77-40, 1:40,000,000, 4 sheets.

U

A, C, F, S

World

Laffitte, P. and Rouveyrol, P., 1965, Carte miniere du globe sur fond tectonique, edition provisoire, 2 eme partie: (Paris) France, Bureau de Recherches Geologiques et Minieres, 1:20,000,000, 2 sheets.

Fe, Al, Mn, Ti, V, Zr, Be, Li, Nb, , Ta

A, D, E, S

World

Laffitte, P. and Rouveyrol, P., 1963, Carte miniere du globe sur fond tectonique, au 1:20,000,000, edition provisoire, 1 eme partie: (Paris) France, Bureau de Recherches Geologiques et Minieres, 1:20,000,000, 16 sheets.

Cu, Pb, Zn, Ag, Sn, W, Mo, Cr, Pt, Ni, Co, Hg, Sb, Ba

A, D, E, S

World

Magak'ian, I. G., 1958 [1959], Metallogenicheskaya karta mira: (Yerevan-Leningrad) Geological Institute of the Academy of Science of the Armenian SGR, 1:22,000,000, 4 sheets.

Fe, Mn, Cr, Ti, Ni, Co, Mo, W, Sn, As, Sb, Hg, Cu, Pb, Zn, Ag, Al, Au, Pt, U

A, C, F, O

World

Preussische Geologische Landesanstalt, [s.d.], Map of the mineral deposits of the world: (Berlin) Verlag von Dietrich Reimer, 1:15,000,000, 2 sheets.

Fe, Mn, Cr, Al, Au, Ag, Pt, Hg, Pb, Zn, Co, Ni, Sb, As, Bi, W, Mo, V, Ta, Sn, Cu

A, C, F, S

World

Sidorenko, A. V. (ed.), 1978, Karta rudonosti dokembriia kontinentov (Map of Precambrian ore-bearing areas on continents): (Moscow) Ministerstvo Geologii SSSR, 1:15,000,000, 6 sheets.

Fe, Ti, V, Mn, Mg, Mo, Pb, Zn, Cr, Cu, Au, Ni, Sb, W, Zr, Sn, Co, Au, Ag, As, Nb, Te, Be, Ba, U, Cd, Ta, Li, Cs, Pt, Y, In, Th, Os, Se

A, C, E, O

World

Tatarinov, P. M., 1972, Karta poleznykh iskopaemykh kontinentov mira: (Moscow) USSR Ministry of Geology, 1:15,000,000, 8 sheets.

Fe, Mn, Ti, Cr, W, Ni, Co, Mo, V, Nb, Ta, Li, Be, REE, Zr, Pb, Zn, Cu, Sn, Al, Au, Ag, Pt, U, Th, Hg, Bi, As, Sb, Ba

A, C, F, O

World

Tyska, Maria, 1955, Mapa surowcow mineralnych swiata: (Warsaw) Centralny Urzad Geodezii i Kartografii, 1:22,000,000, 2 sheets.

Fe, Mn, Cr, Cu, Pb, Zn, Sn, Au, Ag, Pt, Hg, Ni, W, Sb, Al, Mg
A, D, F, S,

World

USSR Glavnoe Upravlenie Geodezii i Kartografii, 1962, Mestorozhdeniia poleznykh iskopaemykh mira, uchebnaia karta: (Moscow) USSR, Glavnoe Upravlenie Geodezii i Kartografii, 1:20,000,000, 4 sheets.

Fe, Mn, Ti, Cr, As, Bi, Be, Li, Nb, Cu, Pb, Zn, Ag, Sn, Ni, Co, Al, Mo, W, V, Hg, Sb, U, Au, Pt, Cs, Cd, Ga, Ge, REE, Se, Sr, Th, Zr, Pt, Ag, Ba, K, Mg
A, D, F, O

World

USSR Glavnoe Upravlenie Geodezii i Kartografii, 1955, Karta Mestorozhdenij po Leznykh Iskopaemykh Mira, Uchebnaia: (Moscow) USSR, Glavnoe Upravlenie Geodezii i Kartografii, 1:22,000,000, 4 sheets.

Fe, Mn, Cr, Cu, Pb, Zn, Ag, Al, Sn, Ni, Hg, Co, Au, Pt, W, V, Mo, Sb, U
A, D, F, O

World, Pacific

Circum-Pacific Council for Energy and Mineral Resources, Circum-Pacific Map Project, 1984, Mineral Resources Map of the Circum-Pacific Region, Northeast Quadrant: American Association of Petroleum Geologist, 1:10,000,000, 1 sheet.

W, Sn, Be, Nb, Ta, Cu, Mo, Au, Ag, S, Py, Nitrate, Li, B, Cr, Ni, Co, Pt, Asbestos, Mg, Pb, Zn, Hg, Sb, F, Ba, Sr, U, V, REE, Th, Al, Fe, P, Gems, Polymetallic
A, C, E, S

World, Pacific

Radkevich, E. A. (ed.), 1979, Metallogenicheskaya karta Tikhookeanskogo rudnogo poyasa: USSR Ministry of Geology, (Moscow) 1:10,000,000, 9 sheets.

Fe, Mn, Ti, Cr, V, Ni, Co, Sn, W, Mo, Cu, Pb, Zn, Hg, Sb, Al, Bi, Au, Pt, Ag, Be, Li, Zr, REE, U, Th
A, C, E, O