

**NGU-rapport 88.014**

**Litteratur-referanser over beryllium-forekomster  
og -mineraler.**



# Norges geologiske undersøkelse

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## Sammendrag:

Her er samlet 481 litteratur-referanser på beryllium-farekomster og -mineraler som har relevanse for Høgtuva-mineraliseringene.

Det er søkt i databasen GEOREF, som går fram til november 1987.

Emneord	Malmgeologi	Beryllium
	Fenakitt	Helvin
	Donalitt	Bibliografi

## INNHOLD

Det er søkt i databasen GEOREF på emneord som har relasjon til Be-mineraliseringene ved Høgtuva. GEOREF inneholder referanser fra 1785 til november 1987. Det er søkt etter følgende emneord i kombinasjon med "beryllium": ores, mineralization, deposit, rhyolites, trachytes, pyroclastic flow, acid volcanic, nonpegmatitic, alkaline complex, syenite, phenacite, helvite, danalite, processing, flotation.

Dette ga 481 referanser.

Emneord er sløyfet for en del av referansene, pga. tidsbesparelse ved søkingen.

Referansene er delt inn i kapitler som følger:

1. Beryllium and (ore(s) or mineralization or deposit).....	2
2. Phenacite or phenakite or helvine or helvite or danalite....	44
3. Beryllium and (rhyolites or trachytes or pyroclastic flow)...	79
4. Beryllium and acid volcanic.....	85
5. Beryllium and nonpegmatitic.....	86
6. Beryllium and alkaline complex.....	88
7. Beryllium and syenite.....	89
8. Beryllium and processing.....	99
9. (Beryllium or phenacite or phenakite or helvine or helvite or danalite) and flotation.....	102

## KAPITTEL 1

Beryllium and (ore(s) or mineralization  
or deposit)

35/3/1  
 150944B 87-75080  
 Mineral resource potential for beryllium, molybdenum and niobium in the Charlotte 1 degrees by 2 degrees Quadrangle, North Carolina and South Carolina  
 Gair, J. E.  
 U. S. Geol. Surv., USA  
 Miscellaneous Investigations Series - U.S. Geological Survey 1986 1 sheet.  
 Report No.: I-1251-D  
 Country of Publ.: United States  
 ISSN: 0160-0753  
 Languages: English  
 1:250,000; econ. geol. map

35/3/2  
 1495265 87-62684  
 Rwanda Minist. Ind., Mines et l'Artisanat, RWA  
 Livre notice de la carte des gites mineraux du Rwanda  
 Explanatory text for the Rwanda mineral deposits map  
 Baudin, B.; Zigirababili, S.; Lisserman, A.  
 Univ. Natl. Rwanda, Butare, RWA  
 Publ: Univ. Natl. Rwanda  
 1984 164p.  
 Country of Publ.: Rwanda  
 Languages: French  
 tables, sketch maps; 1:250,000; econ. geol. map

35/3/3  
 1494049 87-62699  
 The reliability of biogeochemical beryllium prospecting using different species and organs of plants  
 Kovalevsky, A. L.  
 Akad. Nauk SSSR, Sib. Otdel., SUN  
 1986 11p.  
 Report No.: 373234  
 Languages: English  
 Availability: Geol. Surv. Can., Libr., Ottawa, ON, Canada  
 Note: Translated from the Russian, Geokhim., No. 10, p. 1575-1580, 1974,  
 illus., 2 tables

35/3/4  
 1492554 87-62825  
 As mineralizacoes de estanho, berilio e cobre de granito da Serra Branca, Cavalcante-GO  
 Mineralizations of tin, beryllium and copper in granite of Serra Branca, Cavalcante, Goias  
 de Andrade, G. F.; Danni, J. C. M.  
 Sociedade Brasileira de Geologia; anais do XXX congresso  
 Gomes Farias, C. E.  
 Sociedade Brasileira de Geologia; XXX congresso, Recife, Brazil,

Nov., 1978

Anais do Congresso 30, Vol. 6, 1978 2579-2593p.  
 Country of Publ.: Brazil  
 Languages: Portuguese Summary Languages: English  
 illus., sect., geol. sketch map

35/3/5

1492498 87-63009  
 Projeto cadastramento dos recursos minerais metalicos do Estado da Paraiba

Cadastral project of metallic mineral resources in Paraiba  
 Pedrosa, I. L.; Silva, C. A. C.; Freitas, V. P. M.  
 Cia. Ind. Estado Paraiba, BRA; Univ. Fed. Pernambuco, BRA  
 Sociedade Brasileira de Geologia; anais do XXX congresso  
 Gomes Farias, C. E.(president)  
 Sociedade Brasileira de Geologia; XXX congresso, Recife, Brazil,  
 Nov., 1978  
 Anais do Congresso 30, Vol. 4, 1978 1851-1865p.  
 Country of Publ.: Brazil  
 Languages: Portuguese Summary Languages: English  
 6 tables

35/3/6

1491488 87-62775

On the prospect of rare metals mineralisation in the pegmatites of Potran-Devaria block of Bhilwara and Udaipur districts, Rajasthan  
 Bhattacharjee, J.; Muralidharan, V.  
 Mineralisation associated with acid magmatism; proceedings of the workshop  
 Anonymous  
 Mineralisation associated with acid magmatism; workshop (IGCP-26), Nagpur, India, Nov. 10-11, 1979  
 Special Publication Series - Geological Survey of India 13, 1983 108-110p.  
 Country of Publ.: India  
 ISSN: 0254-0436  
 Languages: English  
 IGCP Project No. 026, illus., 2 tables

35/3/7

1491422 87-62935

Evolution geochemique et metallogenique d'un apex granitique; echassieres. Note de synthese  
 Geochemical and metallogenic evolution of a granitic apex; Echassieres; Synthesis  
 Lameyre, J.; Tollon, F.  
 Univ. P. et M. Curie Paris 6, FRA  
 Programme geologie profonde de la France; deuxieme phase d'investigation, 1984-1985  
 Documents - B.R.G.M. 95-B, 1985 7-14p.  
 Country of Publ.: France  
 ISSN: 0221-2536  
 Languages: French

35/3/8

1491385 87-62934

Evolution geochemique et metallogenique d'un APEX granitique; Echassieres  
 Geochemical and metallogenic evolution of a granitic apex; Echassieres  
 Lameyre, J.; Tollon, F.  
 Univ. P. et M. Curie Paris 6, FRA  
 Programme geologie profonde de la France; deuxieme phase d'investigation; 1984-1985  
 Documents - B.R.G.M. 95.0, 1985 53-61p.

Country of Publ.: France  
 ISSN: 0221-2536  
 Languages: French

35/3/9

1490934 87-63141

Beryl; a unique opportunity for the prospector and small mine operator  
 Phillips, K. A.  
 Circular - Department of Mines and Resources, State of Arizona 6, 1982  
 7p.  
 Country of Publ.: United States  
 Languages: English  
 Note: Revised March 1986, sketch maps

35/3/10

1489991 87-55871

O rудоносности гранитоидных магм  
 The ore-bearing nature of granitic magmas  
 Anoshin, G. N.; Dorosh, V. M.; Kosals, Y. A.; Malikova, I. N.;  
 Mel'nikova, R. D.; Potap'yev, V. V.; Tsimbalist, V. G.  
 Akad. Nauk SSSR, Sib. Otd., Inst. Geol. i Geofiz., Novosibirsk, SUN  
 Geokhimicheskiye kriterii potentsial'noy rудоносности гранитоидов  
 Geochemical criteria for potentially ore-bearing granitic rocks  
 Tauson, L. V.(EDITOR); Kozlov, V. D.(EDITOR); Koptev-Dvornikov, V.  
 S.(EDITOR); Lyakhovich, V. V.(EDITOR); Ovchinnikov, L. N.(EDITOR); Rub, M.  
 G.(EDITOR); Sergeyeva, N. F.(EDITOR)  
 Akad. Nauk SSSR, Sib. Otd., Inst. Geokhim., Irkutsk, SUN  
 Publ: Akad. Nauk SSSR, Sib. Otd.  
 1970 189-215p.  
 Country of Publ.: Union of Soviet Socialist Republics  
 Languages: Russian  
 2 tables

35/3/11

1489990 87-55874

Potentsial'naya rудоносность магматических образований на примерах  
 endogennykh mestorozhdeniy (олова, бериллия, лития, цезия, tantalum,  
 niobiya), geneticheski svyazannyykh s granitoidami  
 The potentially ore-bearing nature of magmatic formations as exemplified  
 in endogene deposits (tin, beryllium, lithium, cesium, tantalum, niobium)  
 genetically related to granitic rocks  
 Apel'tsin, F. R.; Ginzburg, A. I.; Arkhangel'skaya, V. V.; Zabolotnaya,  
 N. P.; Karayeva, Z. G.; Makeyev, B. V.; Stavrov, O. D.  
 Vses. Inst. Miner. Syr'ya, Moscow, SUN  
 Geokhimicheskiye kriterii potentsial'noy rудоносности гранитоидов  
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 G.(EDITOR); Sergeyeva, N. F.(EDITOR)  
 Akad. Nauk SSSR, Sib. Otd., Inst. Geokhim., Irkutsk, SUN  
 Publ: Akad. Nauk SSSR, Sib. Otd.  
 1970 144-188p.  
 Country of Publ.: Union of Soviet Socialist Republics  
 Languages: Russian  
 illus., 4 tables

35/3/12

1489989 87-55990

Priznaki i faktory geokhimicheskoy spetsializatsii granitoidov Dal'nego  
 Vostoka  
 Criteria and factors of geochemical specialization of granitic rocks in  
 the Far East  
 Govorov, I. N.; Nedashkovskiy, P. G.; Levashov, G. B.; Polevskiy, R. I.;

Strizhkova, A. A.; Moshchenko, L. V.; Ivanov, V. S.; Nikiforova, I. K.  
 Akad. Nauk SSSR, Sib. Otd., Dal'nevost. Geol. Inst., Vladivostok, SUN  
 Geochemical criteria for potentially ore-bearing granitic rocks  
 Tauson, L. V.(EDITOR); Kozlov, V. D.(EDITOR); Koptev-Dvornikov, V. S.(EDITOR); Lyakhovich, V. V.(EDITOR); Ovchinnikov, L. N.(EDITOR); Rub, M. G.(EDITOR); Sergeyeva, N. F.(EDITOR)  
 Akad. Nauk SSSR, Sib. Otd., Inst. Geokhim., Irkutsk, SUN  
 Publ: Akad. Nauk SSSR, Sib. Otd.  
 1970 83-145p.  
 Country of Publ.: Union of Soviet Socialist Republics  
 Languages: Russian  
 13 tables

35/3/13  
 1489987 87-56157  
 Geochemical criteria for potentially ore-bearing granitic rocks  
 Rub, M. G.; Koptev-Dvornikov, V. S.  
 Akad. Nauk SSSR, Inst. Geol. Rudn. Mestorozhd., Petrogr., Mineral. i Geokhim., Moscow, SUN  
 Geochemical criteria for potentially ore-bearing granitic rocks  
 Tauson, L. V.(EDITOR); Kozlov, V. D.(EDITOR); Koptev-Dvornikov, V. S.(EDITOR); Lyakhovich, V. V.(EDITOR); Ovchinnikov, L. N.(EDITOR); Rub, M. G.(EDITOR); Sergeyeva, N. F.(EDITOR)  
 Akad. Nauk SSSR, Sib. Otd., Inst. Geokhim., Irkutsk, SUN  
 Publ: Akad. Nauk SSSR, Sib. Otd.  
 1970 3-46p.  
 Country of Publ.: Union of Soviet Socialist Republics  
 Languages: Russian  
 1 table

35/3/14  
 1483035 87-48555  
 Nekotoryye soobrazheniya o razvitiu atmokhimicheskikh metodov poiskov rudnykh mestorozhdeniy  
 Some considerations on the development of atmochemical methods of prospecting for ore deposits  
 Fursov, V. Z.  
 Teoreticheskiye osnovy geokhimicheskikh metodov poiskov rudnykh mestorozhdeniy  
 Theoretical bases of geochemical methods of prospecting for ore deposits  
 Ovchinnikov, L. N.(EDITOR); Grigoryan, S. V.(EDITOR)  
 Publ: Izd. Nauka  
 1986 139-156p.  
 Country of Publ.: Union of Soviet Socialist Republics  
 Languages: Russian  
 illus., 5 tables

35/3/15  
 1481686 87-49039  
 Metasomatism and zonation of the Xianghualing tin-polymetallic deposit  
 Zhang Dequan; Wang Lihua  
 Chin. Acad. Geol. Sci., Inst. Miner. Dep., CHN  
 Bulletin of the Institute of Mineral Deposits, Chinese Academy of Geological Sciences 1986: 2(18), 1986 144-154p.  
 Country of Publ.: China  
 ISSN: 0254-6132  
 Languages: Chinese Summary Languages: English  
 illus., 3 tables, sects., geol. sketch map

1478288 87-48902

Pegmatitas españolas con berilio y otras similares de Minas Gerais  
 The Spanish beryl pegmatites and others of the same type in Minas Gerais  
 Marensi de Moura, O. J.; Garcia Guinea, J.  
*Boletin de la Sociedad Espanola de Ceramica y Vidrio* 24: 2, 1985  
 87-94p.

Country of Publ.: Spain

ISBN: 0366-3175

Languages: Spanish Summary Languages: French  
 illus., sketch maps

35/3/17

1477511 87-49002

Geology of the Thor Lake beryllium deposits; an update

Trueman, D. L.; Pedersen, J. C.; de St. Jorre, L.

Contributions to the geology of the Northwest Territories; Volume 1

Brophy, J. A.(EDITOR)

North. Aff. Program, Yellowknife, NW, CAN

Publ: Dep. Indian Aff. and North Dev.

1984 115-120p.

Country of Publ.: Canada

ISBN: 0-660-11720-7

Languages: English

illus., sects., sketch maps

35/3/18

1477489 87-48986

Mineralogy of the co-product metals in the T-zone beryllium deposits,  
 Thor Lake, N.W.T.

Smith, D. G. W.; de St. Jorre, L.

Univ. Alberta, Dep. Geol., Edmonton, AB, CAN

Contributions to the geology of the Northwest Territories; Volume 2

Brophy, J. A.

North. Aff. Program, Yellowknife, NW, CAN

Publ: Dep. Indian Aff. and North. Dev.

1985 33p.

Country of Publ.: Canada

ISBN: 0-660-11940-4

Languages: English

35/3/19

1476516 87-49166

Beitraege zur Mineralogie und Geochemie der Pegmatite des St. Radegunder  
 Kristallins und der GleinalpeMineralogy and geochemistry of the crystalline pegmatites of St.  
 Radegunder and the Glein Alps

Koller, F.; Goetzinger, M. A.; Neumayer, R.; Niedermayr, G.

Univ. Wien, Inst. Petrol., Vienna 1010, AUT

Archiv fuer Lagerstaettenforschung der Geologischen Bundesanstalt 3,  
 1983 47-65p.

Country of Publ.: Austria

ISSN: 0253-097X

Languages: German Summary Languages: English

illus., 8 tables, geol. sketch maps, charts

35/3/20

1475481 87-41372

Fiziko-khimicheskiye usloviya formirovaniya ekzogennykh oreolov i potokov  
 rasseyaniya berilliyaPhysico-chemical conditions of the formation of exogene aureoles and the  
 dispersion flux of beryllium

Mitskevich, B. F.; Sushchik, Y. Y.; Samchuk, A. I.

Publ: Izd. Nauk. Dumka

1984 176p.

Country of Publ.: Ukrainian SSR

Languages: Russian

illus., 43 tables

35/3/21

1474975 87-41506

Fluorine as an indicator of mineralization; hydrogeochemistry of a Precambrian mineralized belt in Sri Lanka

Dissanayake, C. B.; Weerasooriya, S. V. R.

Inst. Fundam. Stud., Kandy, LKA

Chemical Geology 56: 3-4, 1986 257-270p.

Country of Publ.: Netherlands

ISSN: 0009-2541

Languages: English

illus., sects., geol. sketch maps

:

35/3/22

1470461 87-41213

Some unusual examples of mineralized tactites in Mexico

Heinrich, E. W.

Univ. Mich., Dep. Geol. Sci., Ann Arbor, MI, USA

Minerals of Mexico; abstracts

Panczner, W. D.(chairperson)

Mineralogical Society of America and Tucson Gem and Mineral Society, joint symposium ; Minerals of Mexico, Tucson, AZ, United States, Feb. 12, 1984

Publ: Mineral. Soc. Am.

1984 unpaginatedp.

Country of Publ.: United States

Languages: English

35/3/23

1464797 87-34828

Mica-Beryl

Mica-beryl

Barrakad, A.; Bouhaouli, A.; Jeannette, A.

Minist. Energ. Mines, Rabat, MAR

Roches et Mineraux industriels du Maroc

Industrial minerals and rocks of Morocco

Anonymous

Mines, Geologie et Energie 49, 1981 215-226p.

Country of Publ.: Morocco

ISSN: 0251-4079

Languages: French

illus., 8 tables, geol. sketch maps, block diag.

35/3/24

1464784 87-34802

Roches et Mineraux industriels du Maroc

Industrial minerals and rocks of Morocco

Anonymous

Mines, Geologie et Energie 49, 1981 258p.

Country of Publ.: Morocco

ISSN: 0251-4079

Languages: French

Note: Individual papers are cited separately, illus., 50 anal., 82 tables, plate, geol. sketch maps, sketch maps, block diag., strat. cols.; 1:2,666,000; econ. geol. map

35/3/25

1464633 87-34707

Ancient emerald mines and beryllium mineralization associated with Precambrian stanniferous granites in the Nugrus-Zabara area, Southeastern Desert, Egypt

Soliman, M. M.

Zagazig Univ., Geol. Dep., Zagazig, EGY

Proceedings of the Sixth international conference on basement tectonics

Aldrich, M. J., Jr.(EDITOR); Laughlin, A. W.(EDITOR)

Los Alamos Natl. Lab., Los Alamos, NM, USA

Sixth international conference on basement tectonics, Santa Fe, NM, United States, Sept. 16-20, 1985

Publ: Int. Basement Tectonics Assoc.

6, 1986 205p.

Country of Publ.: United States

ISBN: 0-916347-02-8

Languages: English

35/3/26

1464519 87-34147

The Alaska Mineral Resource Assessment Program; background information to accompany folio of geologic and mineral resource maps of the Circle Quadrangle, Alaska

Foster, H. L.; Menzie, W. D.; Cady, J. W.; Simpson, S. L.; Aleinikoff, J. N.; Wilson, F. H.; Tripp, R. B.

U. S. Geol. Surv., USA

Geological Survey Circular 0986, 1987 22p.

Country of Publ.: United States

ISSN: 0364-6017

Languages: English

illus., 2 tables, sketch maps

35/3/27

1463902 87-31009

Geology, energy and mineral resources assessment of the Kitt Peak area, Arizona

Cruver, S. K.; Cruver, J.; Wodzicki, A.; Krason, J.

Geoexplor. Int., Denver, CO, USA

Publ: Geoexplor. Inst.

1982 98p.

Country of Publ.: United States

Languages: English

Prep. for U. S. Bur. Land Manage., 3 tables, geol. sketch maps

35/3/28

1462286 87-34357

Beryllium availability; market economy countries; a minerals availability appraisal

Soja, A. A.; Sabin, A. E.

U. S. Bur. Mines, Miner. Availability Field Off., Denver, CO, USA

Bureau of Mines Information Circular 9100, 1986 19p.

Country of Publ.: United States

ISSN: 0096-1914

Languages: English

illus., 7 tables, sketch map

35/3/29

1459739 87-26922

Distribution characteristics and mineralization of minor elements in Maguan-Malipo area

Chen Yangyu

Bur. Geol. and Miner. Resour. Yunnan Prov., Reg. Geol. Surv. Party, CHN

Geophysical & Geochemical Exploration 10: 4, 1986 301-304p.

Country of Publ.: China

Languages: Chinese

illus., 3 tables

35/3/30  
 1455056 87-27252  
 Ancient emerald mines and beryllium mineralization associated with Precambrian stanniferous granites in the Nugrus-Zabara area, Southeastern Desert, Egypt  
 Soliman, M. M.  
 Zagazig Univ., Geol. Dep., Zagazig, EGY  
 Arab Gulf Journal of Scientific Research 4: 2, 1986 529-546p.  
 Country of Publ.: Saudi Arabia  
 ISSN: 0256-4548  
 Languages: English Summary Languages: Arabic  
 illus., 5 tables, sketch maps

35/3/31  
 1447647 87-20490  
 Ob usloviyakh obrazovaniya phlogopit-margarit-berillovoj mineralizatsii Formation conditions of mineralizations with phlogopite-margarite-beryl Kupriyanova, I. I.; Sokolov, S. V.  
 VIMS, Moscow, SUN  
 Geologiya Rudnykh Mestorozhdeniy 26: 6, 1984 32-44p.  
 Country of Publ.: Union of Soviet Socialist Republics  
 ISSN: 0016-7770  
 Languages: Russian  
 illus., 2 tables, geol. sketch maps

35/3/32  
 1439720 01439720  
 Beryllium  
 Kramer, D. A.  
 Publ: U. S. Bur. Mines  
 1986 5p.  
 Country of Publ.: United States  
 Languages: English  
 Note: Preprint from Minerals yearbook, 1985, U. S. Bur. Mines,

35/3/33  
 1439484 87-06063  
 Geochemical exploration studies in Alaska  
 Curtin, G. C.; Hesson T. D.; O'Leary, R. M.; Cooley, E. F.; Day, G. W.; Tripp, R. B.  
 U. S. Geol. Surv., USA  
 Geological Survey Circular 0772-B, 1978 85-86p.  
 Country of Publ.: United States  
 ISSN: 0364-6017  
 Languages: English

35/3/34  
 1437288 87-06065  
 Economic mineralogy of the T-zone rare-metals deposits, Thor Lake, N.W.T.  
 de St. Jorre, L.; Smith, D. G. W.; Trueman, D. L.  
 Univ. Alta., Dep. Geol., Edmonton, AB, CAN; Highwood Resour., CAN  
 GAC, MAC, CGU 1985 joint annual meeting  
 Anonymous  
 Geological Association of Canada and Mineralogical Association of Canada, joint annual meeting, Fredericton, NB, Canada, May 15-17, 1985  
 Program with Abstracts - Geological Association of Canada; Mineralogical Association of Canada; Canadian Geophysical Union, Joint Annual Meeting 10, 1985 A13p.  
 Country of Publ.: Canada  
 ISSN: 0701-8738

Languages: English

35/3/35

1435066 87-00281

Distribution of beryllium at the surface of the Earth  
Grigor'yev, N. A.

Acad. Sci. USSR, Ural Sci. Cent., Inst. Geol. and Geochem., Sverdlovsk,  
SUN

International Geology Review 28: 2, 1986 127-179p.

Country of Publ.: United States

ISSN: 0020-6814

Languages: English

Note: Translated from: Moscow: Nauka, 116 p., 1984, Chapters 1 and 2;  
Chapter 3 with references will appear in the next issue, illus., 49  
tables, sect., geol. sketch maps

35/3/36

1427099 86-84974

Mineralization relevant to granitoids as exemplified by the Chinese ore  
deposits

Tu Guangzhi

Chin. Acad. Sin., Inst. Geochem., Guiyang, CHN

The Geological Society of America, 96th annual meeting

The Geological Society of America, 96th annual meeting, Indianapolis,  
IN, United States, Oct. 31-Nov. 3, 1983

Abstracts with Programs - Geological Society of America 15: 6, 1983  
708p.

Country of Publ.: United States

ISSN: 0016-7592

Languages: English

35/3/37

1417990 86-76213

An important genetic model for W, Sn, Be, Nb, Ta and Li ore deposits  
related granites

Hu Shuxi; Sun Mingzhi; Yan Zhengfu; Xu Jingfang; Cao Xiaoyun; Ye Ying  
Nanjing Univ., Dep. Geol., CHN

Symposium on geology of granites and their metallogenetic relations

Anonymous

Symposium on geology of granites and their metallogenetic relations,  
Nanjing, China, Oct. 26-Nov. 29, 1982

Publ: Nanjing Univ.

1982 53-54p.

Country of Publ.: China

Languages: English

35/3/38

1414330 86-69081

Beryllium et mica

Beryllium and mica

Agard, J.; Morin, P.

BRGM, Orleans, FRA; Cent. Etudes Geol. et Minieres, FRA

Geologie des gites mineraux Marocains

Geology of Moroccan mineral beds

Anonymous

Notes du Service Geologique du Maroc 276: 1, 1980 257-269p.

Country of Publ.: Morocco

ISSN: 0374-9843

Languages: French

illus., geol. sketch maps

35/3/39

1406457 86-63116

Die Genese der regionalmetamorphen, metasomatisch-horizontalgebundenen  
 Beryl-Mineralisationen des Habachtals, Land Salzburg, Österreich  
 Genesis of stratiform, metasomatic beryl mineralization, related to  
 regional metamorphism, at Habach Valley, Land Salzburg, Austria

Grundmann, G.

Univ. Berlin, Berlin, DEU

1983 207p.

Degree Level: Doctoral, Th.: Dokt. geowiss.

Country of Publ.: Germany, Federal Republic of

Languages: German

Availability: GBR-1983 A 1124

illus., geol. sketch map, sect., tables, anal.; 1:1,500; lithofacies  
 map

35/3/40

1388786 86-41553

Geology of the Strange Lake alkalic complex and the associated  
 Zr-Y-Nb-Be-REE mineralization

Miller, R. R.

Newfoundland and Labrador Dep. Mines and Energy, St. John's, NF, CAN

Current research

Blackwood, R. F.(EDITOR); Walsh, D. G.(EDITOR); Gibbons, R. V.(EDITOR)

Report - Government of Newfoundland and Labrador, Department of Mines and  
 Energy, Mineral Development Division 86-1, 1986 11-19p.

Country of Publ.: Canada

ISSN: 0381-2162

Languages: English

illus., 3 tables, chart, sects., geol. sketch map

35/3/41

1388785 86-41552

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Miller, R. R.

Newfoundland and Labrador Dep. Mines and Energy, St. John's, NF, CAN

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35/3/42

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Application of the correlation of radioactive elements to beryllium  
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Shpil'kov, A. L.

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ISSN: 0034-026X

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 Batholith and their genetic relation to Tertiary intrusive rocks and to  
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Killesgaard, T. H.; Bennett, E. H.

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 ISSN: 0364-4510  
 Languages: English  
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35/3/44  
 1370696 86-27191  
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 The zirconium, yttrium, niobium and beryllium deposit of the Strange Lake alkalic complex, Quebec-Labrador  
 Zajac, I. S.; Miller, R.; Birkett, T.; Nantel, S.  
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 Jackson, N. J.  
 Dir. Gen. Miner. Resour., Jiddah, SAU; U. S. Geol. Surv., Saudi Arabian Mission, SAU  
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Fluorspar and rare metals in southeastern Brazil; brief revision and possible interrelationships

Martini, S. L.

BP Miner., Rio de Janeiro, BRA

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Languages: Portuguese Summary Languages: English

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Kupriyanova, I. I.; Sokolov, S. V.

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Kramer, D. A.

Publ: U. S. Bur. Mines

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Country of Publ.: United States

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Rundquist, D. V.; Pavlova, I. G.; Trofimov, V. A.; Karpinsky, A. P.

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 Languages: English  
 Availability: U. S. Geol. Surv., Open-File Serv. Sect., West. Distrib.  
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 Lindsey, D. A.; Bradley, L. A.; Gardner, J.; Merritt, V.  
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Languages: Spanish

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Brush Wellman, Salt Lake City, UT, USA

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Kerns, G. J.(EDITOR); Kerns, R. L., Jr.(EDITOR)

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Languages: English

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Publ: U. S. Bur. Mines

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Note: Preprint from Mineral facts and problems, U. S. Bur. Mines, Bull. No. 675, illus.

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 Simpkins, T. H.  
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 Krashchikova, O. A.; Nechayev, S. V.  
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Soliman, M. M.

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Languages: English

illus., 2 tables, sketch map

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Griffitts, W. R.; Alminas, H. V.; Mosier, E. L.

1971 4 sheetsp.

Languages: English

Availability: U. S. Geol. Surv., Open-File Serv. Sect., West. Distrib. Branch, Fed. Cent., Denver, CO, United States

1:24,000; econ. geol. map

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Languages: English

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1:24,000; econ. geol. map

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1263218 85-04240

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Country of Publ.: United States

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Publ: U. S. Bur. Mines

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Country of Publ.: United States

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Some factors in the formation of deposits of rare elements in weathering crusts

Burkov, V. V.

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Kovalenko, V. I.; Antipin, V. S.; Naumov, V. B.; Ivanova, G. F.; Vladyskin, N. V.

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Languages: Russian Summary Languages: English

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 Griffitts, W. R.; Crandall, T. M.  
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The future of trace elements

Kogan, B. I.

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Note: Reprint, 1:24,000; geol. map

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1226541 84-20914

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Mosk. geologorazved. inst., Moscow, SUN

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Lottermoser, B. G.

Univ. Newcastle, Dep. Geol., Newcastle, N.S.W., AUS

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Country of Publ.: United Kingdom

ISSN: 0026-461X

Languages: English

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Ural Polytech. Inst., Dep. Experiment. Phys., Sverdlovsk 620002, SUN

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Cathodoluminescence of phenakite

Lottermoser, B. G.

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 1491683 87-56683  
 Electron distributions for selected minerals of the system BeO-Al<sub>2</sub>O<sub>3</sub>  
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 Downs, J. W.  
 Ohio State Univ., Dep. Geol. and Miner., Columbus, OH, USA  
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 Hsu, L. C.  
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Franz, G.; Morteani, G.

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1414979 86-63763

Heat capacities and thermodynamic functions for beryl, Be<sub>3</sub>Al<sub>2</sub>Si<sub>6</sub>O<sub>18</sub>, phenakite, Be<sub>2</sub>SiO<sub>4</sub>, euclase, BeAlSiO<sub>4</sub>(OH), bertrandite, Be<sub>4</sub>Si<sub>2</sub>O<sub>7</sub>(OH)<sub>2</sub>, and chrysoberyl, BeAl<sub>2</sub>O<sub>4</sub>

Hemingway, B. S.; Barton, M. D.; Robie, R. A.; Haselton, H. T., Jr.

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Brown, G. E., Jr.(EDITOR); Ewing, R. C.(EDITOR)

Stanford Univ., Dep. Geol., Stanford, CA, USA

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Barton, M. D.

Univ. Calif., Dep. Earth and Space Sci., Los Angeles, CA, USA; Univ. N.M., USA

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Studies of internal and external modes of some silicates by infrared reflectivity

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*Aktsessornyy fenakit iz kvarts-polevoshpatovykh metasomatitov granitoidnykh porod*

Accessory phenakite from quartz-feldspar metasomatites of granitoids

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*Faktory lokal'noy kontsentratsii bogatogo orudieniya na odnom iz flyuorit-bertrandit-fenakitovykh mestorozhdeniy*

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 108709 39-08280-N  
 Helvite from the Butte district, Mont.  
 Hewett, Donnel Foster  
 Am. Mineralogist vol. 22, no. 6, pp. 803-804, June, 1937
- 26/3/197  
 097924 39-19013-N  
 The crystallography of a phenacite from Amelia Court House, Va.  
 Thibault, Newman W.  
 Virginia Polytechnic Inst. Bull. vol. 29, no. 3 (Eng Exper. Sta. ser. Bull. 22), 10 pp., 2 figs., January, 1936  
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- 26/3/198  
 093992 39-14971-N  
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 Pough, Frederick Harvey  
 Am. Mineralogist vol. 20, no. 12, pp. 863-874, 8 figs., December, 1935  
 abstracts, no. 3, p. 198, March 1935; Geol. Soc. America Proc. 1934, p. 422, June 1935.,
- 26/3/199  
 093990 39-14969-N  
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 Pough, Frederick Harvey  
 Rocks and Minerals vol. 7, no. 1, March, 1932
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 046859 28-00884-N  
 Topaz and phenacite from Baldface Mountain, Chatham, New Hampshire  
 Billings, Marland P.  
 Am. Mineralogist vol. 12, no. 4, pp. 173-179, 5 figs., April, 1927  
 ?t26/3/201-208
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 040101 18-41642-N  
 New localities for phenacite.  
 Yeates, William S.  
 Am J Sc (3) 39 325, (1890)
- 26/3/202  
 036426 18-37840-N  
 Danalite from the iron mine, Bartlett, N. H.  
 Wadsworth, Marshman Edward (1847-1921)  
 Boston Soc N H, Pr 20 284-286, (1880)
- 26/3/203  
 032824 18-34098-N  
 Analysis of helvite from near Amelia Courthouse, Va.  
 Sloan, B. E.  
 Ch News 46 195, (1882)

- 26/3/204  
032307 18-33558-N  
Notice of a second locality of topaz in Connecticut and of the phenakite in Massachusetts.  
Shepard, Charles Upham (1804-1886)  
Am J Sc 34 329-331, (1838)
- 26/3/205  
027834 18-28887-N  
Mineralogical notes.  
Palache, Charles  
Am J Sc (4) 24 249-258, (1907)  
Zs Kryst 44:14-22 (1907),
- 26/3/206  
022553 18-23451-N  
An American locality for helvite #Amelia Court House, Va.A.  
Lewis, Henry Carvill (1853-1888)  
Ac N Sc Phila, Pr 1882 100-102, 1882
- 26/3/207  
022543 18-23441-N  
Helvite from Amelia Co., Va.  
Lewis, Henry Carvill (1853-1888)  
Am Nat 16 337-338, (1882)
- 26/3/208  
007198 18-07423-N  
On danalite, a new mineral species from the granite of Rockport, Mass.  
Cooke, Josiah Parsons (1827-1894)  
Am J Sc (2) 42 73-79, (1866)

## KAPITTEL 3

Beryllium and (rhyolites or trachytes  
or pyroclastic flow)

10/5/1

1485780 87-50965

Phase equilibria of a Ba, U and F-enriched vitrophyre from Spor Mountain, Utah

Webster, J. D.; Holloway, J. R.; Hervig, R. L.

Ariz. State Univ., Dep. Geol., Tempe, AZ, USA

Mineralogy and geochemistry of granites and pegmatites

Papike, J. J.(EDITOR)

S.D. Sch. Mines and Technol., Rapid City, SD, USA

International Mineralogical Association, 14th general meeting ; symposium on Mineralogy and geochemistry of granites and pegmatites, Stanford, CA, United States, July 13-18, 1986

Geochimica et Cosmochimica Acta 51: 3, 1987 389-402p.

Country of Publ.: International

ISSN: 0016-7037

CODEN: GCACAK 51 REFS.

Subfile: B

Doc Type: SERIAL; CONFERENCE PUBLICATION Bibliographic Level: ANALYTIC

Languages: English

illus., 3 tables

Descriptors: \*Utah; \*igneous rocks; \*phase equilibria; \*beryllium; \*uranium; \*fluorine ; petrology; volcanic rocks; geochemistry ; vitrophyre; experimental studies; Juab County; Western U.S.; United States; west-central Utah; Spor Mountain Formation; Spor Mountain; Beryllium Tuff Member; melting; magmas; topaz; fluorides; nesosilicates; rhyolites; Drum Mountains

Section Headings: 05 (PETROLOGY, IGNEOUS AND METAMORPHIC); 02 (GEOCHEMISTRY)

10/5/2

1429189 86-84420

Mineral deposits related to topaz rhyolites in the Southwest

Burt, D. M.; Sheridan, M. F.

Ariz. State Univ., Dep. Geol., Tempe, AZ, USA

Frontiers in geology and ore deposits of Arizona and the Southwest

Beatty, B.(EDITOR); Wilkinson, P. A. K.(EDITOR)

Frontiers in geology and ore deposits of Arizona and the Southwest, Tucson, AZ, United States, Mar. 20-21, 1986

Arizona Geological Society Digest 16, 1986 170-178p.

Country of Publ.: United States

ISSN: 0066-7412

CODEN: AGSDA7 80 REFS.

Subfile: B

Doc Type: SERIAL; CONFERENCE PUBLICATION Bibliographic Level: ANALYTIC

Languages: English

illus., sketch map

Descriptors: \*Southwestern U.S.; \*mineral deposits; \*genesis; \*igneous rocks ; economic geology; mineral resources; rhyolites ; volcanic processes; mineralization; volcanic rocks; topaz; beryllium ores; Spor Mountain; Utah; fluorspar; Wah Wah Mountains; uranium ores; tin ores; Nevada; New Mexico; silver ores; gold ores; metal ores; nonmetal deposits; mineral deposits, genesis

Section Headings: 26 (ECONOMIC GEOLOGY, GENERAL & MINING)

10/5/3

1405309 86-62671

Mineralization associated with topaz rhyolites and related rocks in Mexico

Burt, D. M.; Sheridan, M. F.

Ariz. State Univ., Dep. Geol., Tempe, AZ, USA; Mem. Univ., CAN

Granite-related mineral deposits; geology, petrogenesis and tectonic setting; extended abstracts of papers presented at the CIM conference  
 Taylor, R. P.(EDITOR); Strong, D. F.(EDITOR)  
 Carleton Univ., Dep. Geol., Ottawa, ON, CAN  
 CIM conference on granite-related mineral deposits, Halifax, NS, Canada  
 , Sep. 15-17, 1985  
 Publ: CIM Geol. Div.  
 1985 32-36p.  
 Country of Publ.: Canada  
 19 REFS.  
 Subfile: B  
 Doc Type: BOOK; CONFERENCE PUBLICATION Bibliographic Level: ANALYTIC  
 Languages: English  
 Descriptors: \*igneous rocks; \*Mexico ; rhyolites; economic geology ;  
 mineral composition; metal ores; mineralization; topaz; lithophile  
 elements; beryllium ores; uranium ores; iron ores; tin ores  
 Section Headings: 27 (ECONOMIC GEOLOGY, METALS)

;

10/5/4  
 1344786 85-78678  
 Geology and geochemistry of the Broken Ridge area, southern Wah Wah  
 Mountains, Iron County, Utah  
 Duttweiler, K. A.  
 U. S. Geol. Surv., USA  
 Open-File Report (United States Geological Survey, 1978) 1985 79p.  
 Report No.: OF 85-0452  
 Country of Publ.: United States  
 ISSN: 0196-1497  
 CODEN: XGRDAG 45 REFS.  
 Subfile: B  
 Doc Type: SERIAL; REPORT; MAP Bibliographic Level: MONOGRAPHIC  
 Languages: English  
 Availability: U. S. Geol. Surv., Open-File Serv. Sect., West. Distrib.  
 Branch, Fed. Cent., Denver, CO, United States  
 illus., 4 tables, sects., sketch maps; 1:24,000; geol. map  
 Latitude: N380000; N380730 Longitude: W1133000; W1134000  
 Descriptors: \*Utah; \*mineral exploration; \*geochemistry; \*beryllium; \*tin  
 ; \*molybdenum; \*fluorine ; economic geology; geological methods; surveys  
 ; mineral resources; tin ores; stream sediments; Iron County; USGS;  
 United States; Broken Ridge; Wah Wah Mountains; heavy minerals;  
 genesis; rhyolites; lava; igneous processes; structural controls;  
 geologic maps; maps; sections  
 Section Headings: 26 (ECONOMIC GEOLOGY, GENERAL & MINING)

10/5/5  
 1314689 85-44945  
 Volcanic ongonites enriched in rare elements  
 Kovaleko, V. I.; Samoylov, V. S.; Goreglyad, A. V.  
 USSR and Mong. Acad. Sci., Sov.-Mong. Geol. Res. Exped., SUN; USSR Acad.  
 Sci., Inst. Econ. Geol., Petrol., Mineral. and Geochem., SUN; USSR Acad.  
 Sci., Inst. Geochem., SUN  
 Doklady of the Academy of Sciences of the USSR, Earth Science Sections  
 246: 1-6, 1979 58-61p.  
 Country of Publ.: United States  
 ISSN: 0012-494X  
 CODEN: DKESAA 6 REFS.  
 Subfile: B  
 Doc Type: SERIAL Bibliographic Level: ANALYTIC  
 Languages: English  
 illus., 1 table, geol. sketch map  
 Descriptors: \*igneous rocks; \*beryllium; \*niobium; \*boron; \*fluorine;  
 \*USSR ; trachytes; geochemistry ; keratophyre; trace elements;  
 ongonite; trachyte-phonolite family; lithium; volcanic rocks; Mount  
 Teeg Uula; Silurian; Paleozoic; Mesozoic; Phanerozoic; granites;  
 composition; basalts; tuff; pyroclastics and glasses; rhyolitic

composition; petrology; South Gobi District; Mandal Ovoa; Mount Hetsu Teeg  
 Section Headings: 05 (PETROLOGY, IGNEOUS AND METAMORPHIC); 02 (GEOCHEMISTRY)

10/5/6

1299788 85-36573

Types of mineralization related to fluorine-rich silicic lava flows and domes

Burt, D. M.

Ariz. State Univ., Dep. Geol., Tempe, AZ, USA

The Geological Society of America; 97th annual meeting

The Geological Society of America; 97th annual meeting, Reno, NV, United States, Nov. 5-11, 1984

Abstracts with Programs - Geological Society of America 16: 6, 1984 460p.

Country of Publ.: United States

ISSN: 0016-7392

CODEN: GAAPBC

Subfile: B

Doc Type: SERIAL; CONFERENCE PUBLICATION Bibliographic Level: ANALYTIC

Languages: English

Latitude: N370000; N420000 Longitude: W1090500; W1140500

Descriptors: \*Utah; \*fluorine; \*igneous rocks; economic geology; geochemistry; rhyolites; beryllium ores; mineralization; tin ores; United States; Spur Mountain; western Utah; bertrandite; ring silicates; silicates; fluorite; halides; oxides; petrology

Section Headings: 27 (ECONOMIC GEOLOGY, METALS)

10/5/7

1279268 85-09923

K geokhimii berilliya, flora i litiya pri razvitiyu metasomatischeskikh protsessov v vulkanogennykh porodakh

The geochemistry of beryllium, fluorine and lithium at the development of metasomatic processes in volcanic rocks

Sobachenko, V. N.; Petrov, L. L.

Geokhimiya endogenykh protsessov

Geochemistry of endogenic processes

Afonin, V. P.(EDITOR); Vakhrushev, V. A.(EDITOR); Vorontsov, A. Y.(EDITOR); Karpov, I. K.(EDITOR); Kozlov, V. D.(EDITOR); Kuz'min, M. I.(EDITOR); Lapidus, I. L.(EDITOR); Raykhbaum, Y. D.(EDITOR); Polikarpochkin, V. V.(EDITOR); Popolitov, Y. I.(EDITOR); Sanin, B. P.(EDITOR); Chernyshev, L. V.(EDITOR); Shmakin, B. M.(EDITOR)

Publ: Akad. Nauk. SSSR, Inst. Geokh.

1979 125-129p.

Country of Publ.: Union of Soviet Socialist Republics

5 REFS.

Subfile: B

Doc Type: BOOK Bibliographic Level: ANALYTIC

Languages: Russian Summary Languages: English

1 table

Descriptors: \*rare earths; \*metasomatic rocks; \*igneous rocks; \*beryllium; \*fluorine; \*lithium; geochemistry; rhyolites; composition; liparite porphyry; volcanic rocks; metasomatism; andesite-rhyolite family; trachyporphry; Precambrian; trace elements; materials; endogenic processes

Section Headings: 02 (GEOCHEMISTRY)

10/5/8

1237288 84-30613

Geology and geochemistry of the Aguachile Mountain fluorspar-beryllium mining district, northern Coahuila, Mexico

Simpkins, T. H.

Sul Ross State Univ., Alpine, TX, USA

1983 137p.  
 Degree Level: Master's  
 Country of Publ.: United States  
 78 REFS.  
 Subfile: B  
 Doc Type: THESIS Bibliographic Level: MONOGRAPHIC  
 Languages: English  
 illus., 4 tables  
 Descriptors: \*Mexico; \*rare earths; \*igneous rocks; \*mineral deposits;  
 \*genesis ; economic geology; fluor spar; geochemistry; rhyolites ;  
 beryllium ores; trace elements; chemical composition; ore-forming fluids  
 ; North America; northern Coahuila; Aguachile Mountain mining district;  
 mineral deposits, genesis; geochemical controls; controls; limestone;  
 carbonate rocks; basanite; alkali basalt family; xenoliths; anatexis;  
 mantle; alteration; mineral assemblages  
 Section Headings: 28 (ECONOMIC GEOLOGY, NONMETALS)

10/5/9  
 1211920 84-08100  
 U. S. Geol. Surv., USA  
 GRANNY, a data bank of chemical analyses of Laramide and younger  
 high-silica rhyolites and granites from Colorado and north-central New  
 Mexico  
 Steigerwald, C. H.; Mutschler, F. E.; Ludington, S.  
 East. Wash. Univ., Cheney, WA, USA  
 Open-File Report (United States Geological Survey, 1978) 1983 562p.  
 Report No.: 83-0516  
 Country of Publ.: United States  
 ISSN: 0196-1497  
 CODEN: XGROAG 6 REFS.  
 Subfile: B  
 Doc Type: SERIAL; REPORT Bibliographic Level: MONOGRAPHIC  
 Languages: English  
 Availability: U. S. Geol. Surv., Open-File Serv. Sect., West. Distrib.  
 Branch, Denver Fed. Cent., Lakewood, CO, United States  
 7 tables, sketch map  
 Descriptors: \*New Mexico; \*igneous rocks; \*mineral exploration; \*Colorado  
 ; \*automatic data processing ; geochemistry; geochemical methods;  
 economic geology ; silicate rocks; molybdenum ores; USGS; United  
 States; rhyolites; granites; data bases; GRANNY; molybdenite;  
 sulfides; beryllium ores; tin ores; uranium ores; tungsten ores;  
 Laramide Orogeny  
 Section Headings: 26 (ECONOMIC GEOLOGY, GENERAL & MINING)

10/5/10  
 1149173 83-09032  
 Topaz rhyolites; distribution, origin, and significance for exploration  
 Burt, D. M.; Sheridan, M. F.; Bikun, J. V.; Christiansen, E. H.  
 Ariz. State Univ., Dep. Geol., Tempe, AZ, USA  
 Economic Geology and the Bulletin of the Society of Economic Geologists  
 77: B, 1982 1818-1836p.  
 Country of Publ.: United States  
 ISSN: 0361-0128  
 CODEN: ECGLAL 205 REFS.  
 Subfile: B  
 Doc Type: SERIAL Bibliographic Level: ANALYTIC  
 Languages: English  
 illus., 2 tables, sects., sketch maps  
 Descriptors: \*Western U.S.; \*Colorado Plateau; \*mineral exploration;  
 \*igneous rocks ; economic geology; ore guides; rhyolites ; metal ores;  
 blind deposits; topaz rhyolite; United States; topaz; orthosilicates;  
 silicates; fluor spar; base metals; precious metals; beryllium ores;  
 uranium ores; tin ores; tungsten ores; silver ores; molybdenum ores;  
 volcanic processes; pegmatite; granite-granodiorite family; lava  
 Section Headings: 27 (ECONOMIC GEOLOGY, METALS)

10/5/11

1038981 81-28129

Fluorine and lithophile element mineralization in the Black Range and Sierra Cuchillo, New Mexico

Correa, B. P.

Ariz. State Univ., Dep. Geol., Tempe, AZ, USA

Uranium mineralization in fluorine-enriched volcanic rocks; final report

Burt, D. M.; Sheridan, M. F.; Bikun, J.; Christiansen, E.; Correa, B. P.; Murphy, B.; Self, S.

1980 459-494p.

Report No.: GJBX-225-80

37 REFS.

Subfile: B

Doc Type: REPORT Bibliographic Level: ANALYTIC

Languages: English

Availability: U. S. Dep. Energy, Grand Junction Off., Grand Junction, CO, United States

illus., tables, sketch maps

Latitude: N330000; N335000 Longitude: W1074500; W1080000

Descriptors: \*New Mexico; \*mineral deposits; \*genesis; \*igneous rocks ; economic geology; processes; rhyolites ; metal ores; volcanism; petrology; Sierra County; Grant County; Catron County; Taylor Creek Rhyolite; Bloodgood Canyon Rhyolite; Jerky Mountain Rhyolite; uranium ores; volcanic rocks; fluorine; mineral deposits, genesis; United States; Black Range; Sierra Cuchillo; fluorspar; beryllium ores; iron ores; tungsten ores; chemical composition; mineral composition; Cenozoic; Phanerozoic; trace elements; geochemistry; tin ores

Section Headings: 27 (ECONOMIC GEOLOGY, METALS)

10/5/12

1038978 81-28100

Fluorine and lithophile element mineralization at Spor Mountain, Utah  
Bikun, J. V.

Ariz. State Univ., Dep. Geol., Tempe, AZ, USA

Uranium mineralization in fluorine-enriched volcanic rocks; final report

Burt, D. M.; Sheridan, M. F.; Bikun, J.; Christiansen, E.; Correa, B. P.; Murphy, B.; Self, S.

1980 167-377p.

Report No.: GJBX-225-80

84 REFS.

Subfile: B

Doc Type: REPORT Bibliographic Level: ANALYTIC

Languages: English

Availability: U. S. Dep. Energy, Grand Junction Off., Grand Junction, CO, United States

illus., tables

Latitude: N394000; N395000 Longitude: W1130500; W1132000

Descriptors: \*Utah; \*beryllium; \*igneous rocks; \*lithium; \*niobium; \*tin; \*mineral deposits; \*genesis; \*fluorine ; economic geology; geochemistry; rhyolites; processes ; uranium ores; topaz rhyolite; volcanism; Juab County; Spor Mountain Formation; Topaz Mountain Rhyolite; volcanic rocks ; mineral deposits, genesis; United States; Spor Mountain; tuff; pyroclastics and glasses; breccia; clastic rocks; petrography; petrology; Cenozoic; Phanerozoic

Section Headings: 27 (ECONOMIC GEOLOGY, METALS)

10/5/13

1038976 81-28125

Petrology and geochemistry of topaz rhyolites, western United States

Christiansen, E. H.; Bikun, J. V.; Burt, D. M.

Ariz. State Univ., Dep. Geol., Tempe, AZ, USA

Uranium mineralization in fluorine-enriched volcanic rocks; final report

Burt, D. M.; Sheridan, M. F.; Bikun, J.; Christiansen, E.; Correa, B. P.;

Murphy, B.; Self, S.

1980 37-122p.

Report No.: GJBX-225-80

143 REFS.

Subfile: B

Doc Type: REPORT Bibliographic Level: ANALYTIC

Languages: English

Availability: U. S. Dep. Energy, Grand Junction Off., Grand Junction, CO, United States

illus., tables, sketch maps

Descriptors: \*Utah; \*Nevada; \*Idaho; \*Montana; \*Colorado; \*Arizona; \*New Mexico; \*igneous rocks; \*mineral deposits; \*genesis; \*Western U.S.; economic geology; rhyolites; processes; uranium ores; topaz rhyolite; volcanism; volcanic rocks; fluorine; mineral deposits, genesis; Cenozoic; Phanerozoic; United States; tin; beryllium; thorium; petrology; temperature; mineral composition; chemical composition

Section Headings: 27 (ECONOMIC GEOLOGY, METALS)

10/5/14

1038975 81-28115

A model for the formation of uranium-lithophile element deposits in fluorine-enriched volcanic rocks

Burt, D. M.; Sheridan, M. F.

Ariz. State Univ., Dep. Geol., Tempe, AZ, USA

Uranium mineralization in fluorine-enriched volcanic rocks; final report

Burt, D. M.; Sheridan, M. F.; Bikun, J.; Christiansen, E.; Correa, B. P.; Murphy, B.; Self, S.

1980 1-36p.

Report No.: GJBX-225-80

116 REFS.

Subfile: B

Doc Type: REPORT Bibliographic Level: ANALYTIC

Languages: English

Availability: U. S. Dep. Energy, Grand Junction Off., Grand Junction, CO, United States

illus., sketch map

Descriptors: \*Utah; \*New Mexico; \*igneous rocks; \*magmas; \*mineral deposits; \*genesis; economic geology; rhyolites; composition; processes; uranium ores; rhyolitic composition; volcanism; volcanic rocks; fluorine; mineral deposits, genesis; lithophile elements; United States; Spur Mountain; Honeycomb Hills; Wah Wah Mountains; Black Range; Sierra Cuchillo; beryllium; tin; tungsten; domes; folds; Cenozoic; Phanerozoic; volcanic vents; topaz rhyolite

Section Headings: 27 (ECONOMIC GEOLOGY, METALS)

## KAPITTEL 4

Beryllium and acid volcanic

8/2/1

1199267 83-51136

Geochemical features of acid volcanic products within Kurile-Kamchatka Arc and the problem of acid magmas origin

Popolitov, E. I.; Volynets, O. N.

Geochemical model of the Earth crust and upper mantle in continental-Pacific transition zone

Pacific Science Association XIV Pacific Science Congress, Khabarovsk, Union of Soviet Socialist Republics, Aug. 1979

Abstracts of Papers - Pacific Science Congress 14, 1979 33-34p.

Country of Publ.: International

Subfile: B

Doc Type: SERIAL; CONFERENCE PUBLICATION Bibliographic Level: ANALYTIC

Languages: English

Committee B, solid earth, section BVI,

Descriptors: \*igneous rocks; \*USSR; \*magmas ; volcanic rocks; petrology ; composition ; acidic composition; Kuril Islands; Kamchatka; geochemistry; Quaternary; Cenozoic; sodium; potassium; lithium; rubidium; fluorine; boron; beryllium; barium; strontium; nickel; cobalt; vanadium; neodymium; yttrium; cesium; ytterbium; lanthanum  
Section Headings: 05 (PETROLOGY, IGNEOUS AND METAMORPHIC)

## KAPITTEL 5

Beryllium and nonpegmatitic

19/2/1

B29230 77-11697

Investigaciones por berilo en rocas no pegmatíticas en la provincia de Córdoba; usando detector de gamma neutron

Beryl investigations in non-pegmatitic rocks in Córdoba, using the gamma neutron detector

Jutoran, A.; Gallagher, M. J.

Primer simposio nacional de geología económica; tomo I

Angelelli, V.(chairperson)

Publ: Ed. Científicas Arg. Librart (ECAL)

1975 53-57p.

Country of Publ.: Argentina

18 REFS.

Subfile: B

Doc Type: BOOK Bibliographic Level: ANALYTIC

Languages: Spanish Summary Languages: English

Descriptors: \*beryllium; \*Argentina; \*mineral exploration ; South America; geophysical methods; economic geology ; Pampa de Olaen; ore deposits; beryl; fluorite; lithology; tuff; skarn; granite; diorite; exploration; radioactivity surveys; gamma ray; neutrons; radioactivity methods; Córdoba; Punilla

Section Headings: 27 (ECONOMIC GEOLOGY, METALS)

19/2/2

478973 68-05360-N

Tin and beryllium deposits of the central York Mountains, western Seward Peninsula, Alaska

Sainsbury, C. L.

in Ore deposits of the United States, 1933-1967 (Bratton-Sales Volume), V.

2

New York, Am. Inst. Mining, Metall. and Petroleum Engineers p. 1555-1572, illus., tables, 1968

Subfile: N

Descriptors: \*Alaska; \*Beryllium; \*genesis; \*Mineral deposits; \*Tin ;

Economic geology; Tin-beryllium ; Seward Peninsula; York Mts.; York Mountains; occurrence

19/2/3  
 416320 66-05203-N  
 Nonpegmatitic beryllium occurrences in Arizona, Colorado, New Mexico,  
 Utah, and four adjacent states  
 Meeves, Henry C.  
 U.S. Bur. Mines Rept. Inv. 6828 68 p., illus., tables, 1966  
 Subfile: N  
 Descriptors: \*Beryllium; \*United States; \*Spectroscopy; \*Radioactivity  
 methods ; exploration; Activation analysis; Economic geology;  
 Techniques ; Western; nonpegmatitic; resources; Neutron activation  
 analysis; field; laboratory; Technique

19/2/4  
 377429 61-02495-N  
 Prospecting for beryllium Rabs.A  
 Griffitts, W. R.  
 Econ. Geology v. 56, no. 8, p. 1492, 1961  
 Subfile: N  
 Descriptors: \*Beryllium ; Nonpegmatitic ; Exploration

19/2/5  
 375288 61-00297-N  
 Prospecting for beryllium Rabs.A  
 Griffitts, Wallace Rush  
 Mining Eng. v. 13, no. 11, p. 1257-1258, 1961  
 Subfile: N  
 Descriptors: \*Beryllium; \*Mineral exploration ; Exploration ;  
 Nonpegmatitic

19/2/6  
 270237 59-32418-N  
 Occurrence of nonpegmatite Beryllium in the United States  
 Warner, Lawrence Allen; Cameron, Eugene Natman; Holser, William Thomas  
 U.S. Geol. Survey Prof. Paper 318, viii 198 p., illus. incl. geol. maps,  
 1959  
 Subfile: N  
 Descriptors: \*Analyses; \*Beryllium; \*Arizona; \*New Mexico; \*United States  
 ; \*Geologic Maps; \*Texas; \*Mineral Deposits; \*Mineralogy; \*Nevada;  
 \*Spectrographic analysis ; Economic geology ; nonpegmatitic  
 possibilities; Wind Mtn. area; Cave Peak area; Beryllium-bearing areas;  
 origin; Beryllium minerals

19/2/7  
 250708 59-12088-N  
 Non-pegmatitic deposits of beryllium in the United States Rabs.A  
 Griffitts, Wallace Rush  
 Min. Eng. v. 11, no. 12, p. 1227, Dec., 1959  
 Subfile: N  
 Descriptors: \*Beryllium; \*United States ; Economic geology ;  
 Nonpegmatitic

## KAPITTEL 6

Beryllium and alkaline complex

11/2/1  
416258 66-05109-N  
Pa spor af sjældne metaller i Sydgronland, EPt.A  
4--Beryllium-efterforskning  
Hansen, John; Lovborg, Leif  
Gronland 1966 no. 7, p. 243-256, illus., 1966  
Subfile: N  
with English abs.,  
Descriptors: \*Beryllium; \*Greenland; \*Radioactivity surveys;  
\*Radioactivity methods; \*Mineral deposits; \*genesis; \*Mineral exploration;  
\*Igneous rocks; Instruments; Geophysical methods; Economic geology;  
Mineralogy; Differentiation; Southwestern; Ilimaussaq complex;  
occurrence; exploration; Beryllometer; Ilimaussaq alkaline complex;

## KAPITTEL 7

Beryllium and syenite

15/2/1

1405353 86-63036

The Thor Lake, N.W.T. rare-metal deposits

Trueman, D. L.; Pedersen, J. C.; de St. Jorre, L.; Smith, D. G. W.

Highwood Resour., Calgary, AB, CAN; Mem. Univ., CAN; Univ. Alberta, CAN

Granite-related mineral deposits; geology, petrogenesis and tectonic setting; extended abstracts of papers presented at the CIM conference

Taylor, R. P.(EDITOR); Strong, D. F.(EDITOR)

Carleton Univ., Dep. Geol., Ottawa, ON, CAN

CIM conference on granite-related mineral deposits, Halifax, NS, Canada, Sep. 15-17, 1985

Publ: CIM Geol. Div.

1985 279-284p.

Country of Publ.: Canada

Subfile: B

Doc Type: BOOK; CONFERENCE PUBLICATION Bibliographic Level: ANALYTIC

Languages: English

sect., geol. sketch maps

Descriptors: \*Northwest Territories ; economic geology ; metal ores; Thor Lake; Blackford Lake Complex; syenite; pegmatite; granite; rare metals; beryllium ores; tantalum ores; niobium ores; rare earth deposits

Section Headings: 27 (ECONOMIC GEOLOGY, METALS)

15/2/2

1313241 85-50636

Thor Lake, N.W.T. rare-metal deposits

Trueman, D. L.

Highwood Resour., Calgary, AB, CAN

CIM 87th annual general meeting; Canada; a Pacific Rim nation--87e congres annuel de l'ICM

Pollock, R. A.(chairperson)

CIM 87th annual general meeting; Canada; a Pacific Rim nation, Vancouver, BC, Canada, April 21-25, 1985

CIM Bulletin (1974) 78: 875, 1985 56p.

Country of Publ.: Canada

ISSN: 0317-0926

Subfile: B

Doc Type: SERIAL; CONFERENCE PUBLICATION Bibliographic Level: ANALYTIC

Languages: English

Descriptors: \*Northwest Territories ; economic geology ; metal ores; Canada; Proterozoic; Precambrian; beryllium ores; yttrium ores; niobium ores; tantalum ores; zirconium ores; gallium ores; granites; syenites; Thor Lake deposits; greisen; metasomatic rocks

Section Headings: 27 (ECONOMIC GEOLOGY, METALS)

15/2/3

1264428 01264428

Beryllium deposit at Thor Lake, Canada

Anonymous

Mining Magazine 151: 3, 1984 166p.

Country of Publ.: United Kingdom

ISSN: 0308-6631

CODEN: MMALAD

Subfile: B

Doc Type: SERIAL Bibliographic Level: ANALYTIC

Languages: English

Descriptors: \*Northwest Territories ; economic geology ; beryllium ores

; Canada; Thor Lake; reserves; syenites

Section Headings: 27 (ECONOMIC GEOLOGY, METALS)

15/2/4

1229402 84-21721

Redkiye elementy v granitoidakh gipabissal'nykh intruziy Zabaykal'ya

Rare elements in granitoid microgranular intrusions of Transbaikalia

Sheremet, Y. M.

Gos. univ., Gomel', SUN

Izvestiya Akademii Nauk SSSR. Seriya Geologicheskaya 1982: 6, 1982  
58-68p.

Country of Publ.: Union of Soviet Socialist Republics

ISSN: 0321-1703

CODEN: IANGAS 1 p. REFS.

Subfile: B

Doc Type: SERIAL Bibliographic Level: ANALYTIC

Languages: Russian

illus., 42 anal., 1 table

Descriptors: \*strontium; \*molybdenum; \*tin; \*rubidium; \*lithium;  
\*beryllium; \*tungsten; \*barium; \*USSR; \*igneous rocks; \*lead ;  
geochemistry; granites; petrology ; trace elements; fluorine; zinc;  
syenites; hypabyssal rocks; Western Transbaikalia

Section Headings: 02 (GEOCHEMISTRY)

15/2/5

1223014 84-13082

Geokhimesheskiye osobennosti porodoobrazuyushchikh mineralov nekotorykh pegmatitovykh poley Kazakhstana kompleksnogo tipa

Geochemical features of rock-forming minerals of some complex pegmatite fields of Kazakhstan

Zemskaya, I. P.; Akelin, N. A.

Geokhimicheskiye osobennosti mineralov nefelin-sienitovyykh 1

## granit-pegmatitovykh mestorozhdeniy

Geochemical features of minerals in nepheline syenite and granite-pegmatite deposits

Nefelova, T. I.(EDITOR); Novikov, O. A.(EDITOR)

Publ: Izd. Akad. Nauk SSSR, Minist. Geol.

1978 52-62p.

Country of Publ.: Union of Soviet Socialist Republics

30 REFS.

Subfile: B

Doc Type: BOOK Bibliographic Level: ANALYTIC

Languages: Russian

Descriptors: \*USSR; \*igneous rocks; \*lithium; \*rubidium; \*cesium; \*titanium; \*beryllium; \*strontium; \*barium; \*manganese; \*gallium; geochemistry; granites; trace elements; pegmatite; Kazakhstan; Central Asia; granite-granodiorite family; petrology; microcline; feldspar group; framework silicates; silicates; muscovite; sheet silicates; clevelandite; quartz; silica minerals; spodumene; pyroxene group; chain silicates

Section Headings: 02 (GEOCHEMISTRY)

15/2/6

1223013 84-12971

Elementy-primesi v porodoobrazuyushchikh mineralakh fanerozoyskikh spodumenonosnykh pegmatitov

Element admixtures in rock-forming minerals of Phanerozoic spodumene-bearing pegmatites

Akelin, N. A.

Geokhimicheskiye osobennosti mineralov nefelin-sienitovyykh i granit-pegmatitovykh mestorozhdeniy

Geochemical features of minerals in nepheline syenite and granite-pegmatite deposits

Nefelova, T. I.(EDITOR); Novikov, O. A.(EDITOR)

Publ: Izd. Akad. Nauk SSSR, Minist. Geol.

1978 34-51p.

Country of Publ.: Union of Soviet Socialist Republics

27 REFS.

Subfile: B

Doc Type: BOOK Bibliographic Level: ANALYTIC

Languages: Russian

illus., 16 tables

Descriptors: \*igneous rocks; \*minerals; \*lithium; \*rubidium; \*cesium; \*beryllium; \*tin; \*strontium; \*potassium; \*barium; granites; chain silicates; clinopyroxene; geochemistry; pegmatite; spodumene; granite-granodiorite family; pyroxene group; silicates; Phanerozoic; chain silicates, clinopyroxene; typochemism

Section Headings: 02 (GEOCHEMISTRY)

15/2/7

1178010 B3-34481

Mineral deposits of alkalic rocks

Heinrich, E. W.

Univ. Mich., Dep. Geol. Sci., Ann Arbor, WI, USA

The Geological Society of America, North-Central Section, 15th annual meeting; with North-Central section of the Paleontological Society and the Pander Society

Biggs, D. L.(chairperson)

The Geological Society of America, North-Central Section, 15th annual meeting; with North-Central section of the Paleontological Society and the Pander Society, Ames, IA, United States, April 30-May 1, 1981

Abstracts with Programs - Geological Society of America 13: 6, 1981 281p.

Country of Publ.: United States

ISSN: 0016-7592

CODEN: GAAPBC

Subfile: B

Doc Type: SERIAL; CONFERENCE PUBLICATION    Bibliographic Level: ANALYTIC  
 Languages: English  
 Descriptors: \*igneous rocks; \*mineral resources; \*placers ; syenites; genesis ; composition; alkalic composition; United States; Hick's Dome ; calc-alkalic composition; pegmatite; granite-granodiorite family; carbonatites; fenite; metasomatic rocks; skarn; veins; fluorite; halides; barite; sulfates; nepheline syenite; syenite family; eudialyte liyavrite; economic geology; pseudomorphism; apogranite; geochemistry; bauxite; lithium ores; beryllium ores; aluminum ores; titanium ores; iron ores; copper ores; vanadium ores; rare earth deposits; zirconium ores; niobium ores; thor

Section Headings: 26 (ECONOMIC GEOLOGY, GENERAL & MINING)

15/2/8

1168071 B3-20631

Petrochemistry of the Blackford Lake Complex near Yellowknife, Northwest Territories

Davidson, A.

Geol. Surv. Can., Ottawa, ON, CAN

Uranium in granites; proceedings of a workshop

Maurice, Y. T.(EDITOR)

Uranium in granites, Ottawa, ON, Canada, Nov. 25-26, 1980

Paper - Geological Survey of Canada 81-23, 1982 71-79p.

Country of Publ.: Canada

ISSN: 0707-2996

CODEN: CGSPAV 18 REFS.

Subfile: B

Doc Type: SERIAL; CONFERENCE PUBLICATION    Bibliographic Level: ANALYTIC

Languages: English    Summary Languages: French

illus., 1 table, geol. sketch map

Latitude: N620000; N621300    Longitude: W1122000; W1125500

Descriptors: \*magmas; \*Northwest Territories; \*absolute age; \*metals; \*igneous rocks; \*strontium; \*isotopes ; differentiation; petrology; dates; geochemistry ; fractional crystallization; intrusions; trace elements; Sr-87/Sr-86; Canada; Blackford Lake Complex; Slave Province; Canadian Shield; North America; Precambrian; chemical composition; niobium; lithium; beryllium; zirconium; rare earths; thorium; yttrium; uranium; syenites; Blackford Lake Intrusive Suite; complexes; K/Ar; Whiteman Lake Quartz Syenite; mineral composition; mineralization

Section Headings: 05 (PETROLOGY, IGNEOUS AND METAMORPHIC)

15/2/9

1157658 B3-14201

Endogenic zonation of rare-metal mineralization in the alkaline granites-fluorite-feldspathic metasomites series

Emil'yanov, E. L.; Galimova, T. F.

Soviet Geology and Geophysics 23: 2, 1982 56-64p.

Country of Publ.: United States

ISSN: 0361-7149

CODEN: SGGEDF 11 REFS.

Subfile: B

Doc Type: SERIAL    Bibliographic Level: ANALYTIC

Languages: English

Note: Translated from Geol. i Geofiz., 23(2), p. 66-76, 1982, 2 tables, geol. sketch maps

Descriptors: \*USSR; \*mineral deposits; \*genesis ; economic geology; metal ores ; endogene processes; metasomatic rocks; granites; alkalic composition; rare earth deposits; zoning; fluorite; halides; feldspar group; framework silicates; silicates; mineral deposits, genesis; Paleozoic; Phanerozoic; syenite; syenite family; tantalum ores; niobium ores; zirconium ores; beryllium ores; albite; trachyte-phonolite family; chemical composition; mineral composition

Section Headings: 27 (ECONOMIC GEOLOGY, METALS)

15/2/10

995739 80-32261

Geochemical specialization of granitoids

Aleksandrov, I. V.

Geochem. Int. 15: 6, 1978 120-129p.

Country of Publ.: United States

ISSN: 0016-7029

CODEN: GCINAP 16 REFS.

Subfile: B

Doc Type: SERIAL Bibliographic Level: ANALYTIC

Languages: English

illus., tables

Latitude: N360000; N820000 Longitude: W1700000; E0200000

Descriptors: \*igneous rocks; \*rubidium; \*tantalum; \*beryllium; \*zinc; \*intrusions; granite-granodiorite family; geochemistry; abundance; granite; statistical analysis; USSR; granitic composition; granosyenite; syenite family; granodiorite; graphic methods; data

Section Headings: 02 (GEOCHEMISTRY)

15/2/11

964433 80-09092

Novyy Severo-Sangilenskiy shchelochnoy poyas, yego petrogenesis i redkometal'naya mineralizatsiya

A new North Sangilen alkaline zone, its petrogenesis and rare metal mineralization

Kapustin, Yu. L.

Problemy geologii redkikh elementov

Kuz'menko, M. V.(EDITOR); Lyakhovich, V. V.(EDITOR); Nedumov, I. B.(EDITOR); Volochkovich, K. L.(EDITOR); Semenov, Ye. I.(EDITOR); Nefelova, T. I.(EDITOR)

Publ: Izd. Nauka

1978 58-76p.

Country of Publ.: Union of Soviet Socialist Republics

11 REFS.

Subfile: B

Doc Type: BOOK Bibliographic Level: ANALYTIC

Languages: Russian

illus., tables, geol. sketch map

Latitude: N503000; N510000 Longitude: E0970000; E0960000

Descriptors: \*USSR; \*igneous rocks; \*mineral deposits; \*genesis; petrology; controls; composition; structural controls; chemical composition; ore deposits; alkalic composition; rare metals; mineralization; Sangilen Mountains; Tuva; Paleozoic; Phanerozoic; mineral deposits, genesis; Kharlin Massif; Oruktyg Massif; nepheline; nepheline group; framework silicates; silicates; syenite; syenite family; Kara Khol'sk Basin; Tarbagataysk Massif; Saylyk Massif; mineral assemblages; niobium; tantalum; zircon; orthosilicates; beryllium; strontium; barium; rubidium

Section Headings: 27 (ECONOMIC GEOLOGY, METALS)

15/2/12

902558 78-36590

Osobennosti formirovaniya beriliyevogo orudieneniya, svyazannogo s shchelochnymi i subshchelochnymi granitoidami

Beryllium ores associated with alkalic and subalkalic granitoids; characteristics of their formation

Novikova, M. I.

Zakonomernosti formirovaniya hidrotermal'nykh mestorozhdeniy berilliya

Ginzburg, A. I.(EDITOR)

Publ: Izd. Nedra

1977 161-191p.

Country of Publ.: Union of Soviet Socialist Republics

Subfile: B

Doc Type: BOOK Bibliographic Level: ANALYTIC

Languages: Russian

illus., tables

Descriptors: \*beryllium; \*genesis; \*mineral deposits; \*paragenesis; \*metasomatism; \*metasomatic rocks; \*rare earths ; controls; geochemistry; mineral assemblages; abundance ; granitic composition; lithologic controls; ore deposits; mineral deposits, genesis; alkalic composition; fluorite; halides; phenakite; orthosilicates; silicates; bertrandite; ring silicates; leucophane; chemical composition; mineral composition; massive deposits; agpaite; syenite family; silicon; alkali metals; migration of elements

Section Headings: 27 (ECONOMIC GEOLOGY, METALS)

15/2/13

902556 78-36630

Vliyanije vmeschchayushchikh porod na formirovaniye mestorozhdeniy berilliya

Effect of host rocks on formation of beryllium deposits

Shpanov, Ye. P.

Zakonomernosti formirovaniya gidrotermal'nykh mestorozhdeniy berilliya

Ginzburg, A. I. (EDITOR)

Publ: Izd. Nedra

1977 75-98p.

Country of Publ.: Union of Soviet Socialist Republics

Subfile: B

Doc Type: BOOK Bibliographic Level: ANALYTIC

Languages: Russian

illus., tables

Descriptors: \*metasomatism; \*beryllium; \*genesis; \*mineral deposits; \*silicon; \*aluminum; \*sodium; \*potassium; \*calcium; \*fluorine ; geochemistry ; hydrothermal alteration; ore deposits; lithologic controls; folds; fold belts; wallrock alteration; host rocks; ore bodies; morphology; mineral composition; chemical composition; migration of elements; agpaite; syenite family; mechanical controls; limestone; carbonate rocks; granite; granite-granodiorite family; mineral deposits, genesis

Section Headings: 27 (ECONOMIC GEOLOGY, METALS)

15/2/14

902555 78-36664

Berilliyanosnyye magmaticheskiye kompleksy

Beryllium-bearing magmatic complexes

Zabolotnaya, N. P.

Zakonomernosti formirovaniya hidrotermal'nykh mestorozhdeniy berilliya

Ginzburg, A. I. (EDITOR)

Publ: Izd. Nedra

1977 46-74p.

Country of Publ.: Union of Soviet Socialist Republics

Subfile: B

Doc Type: BOOK Bibliographic Level: ANALYTIC

Languages: Russian

tables

Descriptors: \*beryllium; \*igneous rocks; \*fluorine; \*metals; \*metasomatic rocks ; geochemistry; abundance; granite-granodiorite family; petrology ; resources ; alkali metals; genesis; ore deposits; major elements; agpaite; syenite family

Section Headings: 27 (ECONOMIC GEOLOGY, METALS)

15/2/15

848210 77-24403

Povedeniye olova, berilliya i flora pri kontaktovom metamorfizme peschanov-slantsevykh porod okolo trekh intruzivov raznogo sostava

The behavior of tin, beryllium, and fluorine during contact metamorphism of sandy-shaly rocks enclosing three intrusions of different composition

Gavrilin, R. D.; Agafonnikova, L. S.; Gladkova, Ye. V.

Geokhim. (Akad. Nauk SSSR) 9, 1975 1399-1406p.

Country of Publ.: Union of Soviet Socialist Republics

CODEN: GEOKAQ 3 REFS.

Subfile: B

Doc Type: SERIAL Bibliographic Level: ANALYTIC

Languages: Russian Summary Languages: English

illus., tables

Descriptors: \*USSR; \*tin; \*beryllium; \*fluorine; \*intrusions; \*metamorphism; \*igneous rocks; geochemistry; abundance; contact; Tien Shan; Shamatorsk; Achikalmansk; sedimentary rocks; quartz syenite; syenite; granite; shale; sandstone; granodiorite; endocontact; exocontact

Section Headings: 02 (GEOCHEMISTRY)

15/2/16

819794 77-03815

Geologiya postmagmaticheskikh toriyevy-redkometal'nykh mestorozhdeniy

Geology of postmagmatic thorium-rare metal deposits

Nevskiy, V. A.(EDITOR)

Publ: Atomizdat

1972 406p.

Country of Publ.: Union of Soviet Socialist Republics

Subfile: B

Doc Type: BOOK Bibliographic Level: MONOGRAPHIC

Languages: Russian

illus., tables, sects., geol. sketch maps

Descriptors: \*thorium; \*genesis; \*metals; \*mineral deposits; ore deposits; metamorphism; contact; metasomatism; hydrothermal processes; pneumatolysis; ore fields; structure; stratigraphic controls; igneous rocks; alkalic; subalkalic; carbonatite; nepheline syenite; albitite; intrusions; pipes; dikes; metamorphic rocks; hornfels; skarn; geochemistry; structural controls; textbooks; Russian; rare earths; uranium; tantalum; zirconium; niobium; beryllium; lead; zinc; molybdenum; tungsten; tin; ore; lithological controls; controls; complexes; faults; folds; p

Section Headings: 27 (ECONOMIC GEOLOGY, METALS)

15/2/17

809629 76-35875

O metallogenicheskoy spetsializatsii magmaticheskikh formatsiy zapadnoy chasti Yuzhnogo Sakhalina

Metallogenic specialization of magmatic formations in the western part of southern Sakhalin

Semenov, D. F.

Geologiya i poleznyye iskopayemye Sakhalina i Kuril'skikh ostrovov

Tyutrin, I. I.(EDITOR)

Publ: Min. Geol. RSFSR, Sakhal. Territ. Geol. Upr.

1971 44-53p.

Country of Publ.: Union of Soviet Socialist Republics

Subfile: B

Doc Type: BOOK Bibliographic Level: ANALYTIC

Languages: Russian

illus., tables

Descriptors: \*USSR; \*metals; \*igneous rocks; geochemistry; abundance; east; Sakhalin; hydrothermal alteration; carbonates; background; statistical studies; variation diagrams; minor elements; trace elements; manganese; titanium; vanadium; barium; strontium; copper; nickel; cobalt; chromium; beryllium; gallium; zirconium; andesite; basalt; trachyandesite; trachydacite; alkali basalt; essexite; dolerite; diorite; porphyry; monzonite; alkali syenite; Miocene; Pliocene

Section Headings: 02 (GEOCHEMISTRY)

15/2/18

780944 76-07190

Massivy s egorinovymi nefelinovymi siyenitami i ikh mestorozhdeniya

Massifs containing aegirine nepheline syenite and associated deposits  
Semenov, Ye. I.

Mineralogiya shchelochnykh massivov i ikh mestorozhdeniy  
Semenov, Ye. I. (EDITOR)

Publ: Izd. Nauka  
1974 19-63p.

Country of Publ.: Union of Soviet Socialist Republics  
Subfile: B

Doc Type: BOOK Bibliographic Level: ANALYTIC  
Languages: Russian

Note: Deposits of steenstrupine, eudialyte, lovozerite, apatite, ioparite, nepheline, mosandrite, chkalovite, barylite, aeschynite, baddeleyite, fluorspar, parisite; sources of U, Th, Ce, Nb, Zn, Zr, Fe, Ti, Y, Be, Sr, P, Al, Ga, F, tables, sects., geol. sketch

Descriptors: \*igneous rocks; \*mineral resources; \*USSR ; syenite family; economic geology; Northern Hemisphere ; nepheline syenite; aegirine syenite; mineral assemblages; geochemistry; Canada; Quebec; Africa; Morocco; Guinea; South America; Brazil; Europe; Greenland; Sweden; Norway; steenstrupine; lovozerite; eudialyte; apatite; Ioparite; nepheline; mosandrite; chkalovite; barylite; aeschynite; baddeleyite; fluorspar; parisite; sources; uranium; thorium; cerium; niobium; zinc; zirconium; iron; titanium; yttrium; beryllium; strontium; gallium

Section Headings: 26 (ECONOMIC GEOLOGY, GENERAL & MINING)

15/2/19  
745848 75-11618

Berilliyy  
Beryllium

Magak'yan, I. G.; Meliksetyan, B. M.  
in Redkiye i blagorodnyye elementy v rudnykh formatsiyakh Armyanskoy SSR;  
Geokhimiya redkikh i blagorodnykh elementov, p. 362-364,  
Izd. Akad. Nauk Arm. SSR Yerevan, 1972

Subfile: B  
Languages: Russian

Abundance of Be in syenite and its main minerals, Armenia.

Descriptors: \*USSR; \*Beryllium; \*Igneous rocks ; Geochemistry; Abundance; Syenite family ; syenite; Armenia; Megri; Tezhsar; minerals; silicates; nepheline; feldspar; plagioclase; biotite; Nepheline syenite; alkali syenite; pegmatite; trace elements

Section Headings: 02 (GEOCHEMISTRY)

15/2/20  
745833 75-11603

Formatsiya nefelinovykh i shchelochnykh siyenitov; Tezhsarskoye mestorozhdeniye

Nepheline and alkali syenite formation; The Tezhsar deposit  
Magak'yan, I. G.; Meliksetyan, B. M.

in Redkiye i blagorodnyye elementy v rudnykh formatsiyakh Armyanskoy SSR;  
Zakonomernosti raspredeleniya redkikh i blagorodnykh elementov po rudnym formatsiyam, p. 152-159,

Izd. Akad. Nauk Arm. SSR Yerevan, 1972

Subfile: B  
Languages: Russian

Armenia

Descriptors: \*USSR; \*Igneous rocks; \*Aluminum ; Geochemistry; Syenite family ; Syenite; Armenia; Tezhsar; Nepheline syenite; alkali syenite; trace elements; lithium; beryllium; rubidium; lanthanum; rare earths; ore deposits

Section Headings: 27 (ECONOMIC GEOLOGY, METALS)

15/2/21  
745775 75-11545

Redkiye i blagorodnyye elementy v rudnykh formatsiyakh Armyanskoy SSR

Rare and noble elements in ore formations of the Armenian SSR  
 Magak'yan, I. G.; Pidzhyan, G. O.; Faramazyan, A. S.; Amiryan, Sh. O.;  
 Karapetyan, A. I.; Paronikyan, V. O.; Zar'yan, R. N.; Meliksetyan, B. M.;  
 Akopyan, A. G.

Izd. Akad. Nauk Arm. SSR 393 p., illus., Yerevan, 1972

Subfile: B

Languages: Russian

Distribution of Se, Tl, Rh, Ge, Cd, In, Bi, Au, Ag, Pt-group, Ga, Nb, Ta, Be, Zr, Hf, Th, Y, and rare earths in polymetallic ores and syenite; compilation of papers cited in this Bibliography under the separate authors

Descriptors: \*USSR; \*polymetallic ores; \*Metals; \*Nonmetals; \*Rare earths ; \*Igneous rocks; \*Minerals ; Geochemistry; Abundance; Syenite family; Miscellaneous minerals ; Trace elements; minor elements; syenite; Armenia; copper; molybdenum; aluminum; iron; gold; lead; zinc; arsenic; manganese; ore deposits; mineral assemblages; Alkali syenite; nepheline syenite; selenium; tellurium; germanium; cadmium; indium; thallium; bismuth; silver; platinum group; gallium; niobium; tantalum; beryllium; zirconium; hafnium; thorium; yttrium; Native elements and alloys; sulfides; tellurides; sulfosalts; oxides; hydroxides

Section Headings: 02 (GEOCHEMISTRY)

15/2/22

496440 68-16915

Raspredeleniye berilliya v gertsinskikh intruzivnykh porodakh tsentral'noy chasti severnogo Tyan'-Shanya

Beryllium distribution in Hercynian intrusive rocks in the central part of the northern Tien Shan range

Zlobin, B. I.; Iovcheva, E. I.; Stavrov, O. D.

Geokhim. No. 7, p. B22-B27 (incl. Engl. sum.), illus., 1967

Subfile: E

Doc Type: SERIAL

Languages: Russian

Descriptors: \*USSR; \*Geochemistry; \*beryllium; \*igneous rocks; \*Trace-element analyses ; intrusive rocks; Intrusive; Abundance of elements; Distribution ; Tien Shan

Section Headings: 02 (GEOCHEMISTRY)

15/2/23

480288 68-06082-N

Geology of Canadian beryllium deposits

Mulligan, Robert

Canada Geol. Survey Econ. Geology Rept. 23 109 p., illus., tables, geol. maps, 1968

Subfile: N

with French abs.,

Descriptors: \*Beryllium; \*Canada; \*Manitoba; \*Mineral data; \*Northwest Territories; \*Quebec ; Economic geology; Maps; mineral resources; Beryllium minerals ; Geochemistry; mineralogy; distribution; occurrence; Cat Lake-Winnipeg River area; geologic distribution; composition; properties; exploration; Yellowknife-Beaulieu area; Preissac-Lacorne area .

15/2/24

472073 68-01630

Uspekhi v geologicheskem poznaniii mestorozhdeniy redkikh elementov

Progress in the geologic study of deposits of rare elements

Ginzburg, A. I.

Razved. Okhr. Nedr No. 10-11, p. 75-81, 1967

Subfile: E

Doc Type: SERIAL

Languages: Russian

Descriptors: \*USSR; \*Rare earths; \*genesis; \*Metals; \*Mineral deposits ; Economic geology ; Rare elements; general; Exploration

## Section Headings: 26 (ECONOMIC GEOLOGY, GENERAL &amp; MINING)

15/2/25

440109 67-00971

Babefphite, a barium-beryllium fluoride-phosphate

Nazarova, A. S.; Kuznetsova, N. N.; Shashkin, D. P.

Acad. Sci. USSR, Dokl., Earth Sci. Sect. Vol. 167, No. 1-6, p. 93-96,  
illus., 1966

Subfile: E

Doc Type: SERIAL

Languages: English

Descriptors: \*X-ray diffraction analysis; #Mineral data; \*Mineralogy ;  
Data; Babefphite; Composition

Section Headings: 15 (MISCELLANEOUS &amp; MATHEMATICAL GEOLOGY)

15/2/26

416258 66-05109-N

Pa spor af sjældne metaller i Sydgronland, Rep.A

4--Beryllium-efterforskning

Hansen, John; Lovborg, Leif

Gronland 1966 no. 7, p. 243-256, illus., 1966

Subfile: N

with English abs.,

Descriptors: \*Beryllium; \*Greenland; \*Radioactivity surveys;  
\*Radioactivity methods; #Mineral deposits; \*genesis; #Mineral exploration;  
\*Igneous rocks ; Instruments; Geophysical methods; Economic geology;  
Mineralogy; Differentiation ; Southwestern; Ilmaussaq complex;  
occurrence; exploration; Beryllometer; Ilmaussaq alkaline complex;  
Neutron counter

15/2/27

415838 66-04659-N

Pa spor af sjældne mineraler i Sydgronland--EPt.A &, Niobium--Et  
vaardifuldt metal

Hansen, John

Gronland 1966 no. 9, p. 306-312, illus., table, 1966

Subfile: N

with English abs.,

Descriptors: \*Greenland ; Mineralogy ; Niobium minerals; Ilmaussaq  
intrusion

15/2/28

302333 60-05335-N

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·Sørensen, Henning

Internat. Geol. Cong., 21st, Copenhagen, 1960, Rept., pt. 17 p. 31-35  
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Subfile: N

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Beryllium pegmatites

?ds

## KAPITTEL 8

Beryllium and processing

32/3/1

1373438 86-26962

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Davies, B. E.; Wixson, B. G.

Univ. Coll. Wales, Dep. Geogr., Aberystwyth, GBR; Univ. Mo., Rolla, Civ. Eng. Dep, USA

Journal of Soil Science 36: 4, 1985 551-570p.

Country of Publ.: United Kingdom

ISSN: 0022-4588

Languages: English

illus., 8 tables, geol. sketch maps

32/3/2

1358034 86-07435

Heavy ions activation analysis: theoretical approach for optimizing cyclic analyses

Colin, M.; Friedli, C.; Lerch, P.

Swiss Fed. Inst. Technol., Inst. Electrochim. et Radiochim., Lausanne, CHE

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Country of Publ.: Netherlands

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1333939 85-64787

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Languages: English

illus.

32/3/4

1296124 85-29717

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 Nessi, M.; Morenzoni, E.; Suter, M.; Bonani, G.; Hofmann, H. J.; Stoller, C.; Woelfli, W.  
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 Switzerland, April 10-13, 1984  
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 Country of Publ.: Netherlands  
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 Languages: English  
 illus.: 1 table

32/3/5

1296123 85-29892

Computer controlled isotope ratio measurements and data analysis  
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 Univ. Rochester, Nucl. Struct. Res. Lab., Rochester, NY, USA; Sandia  
 Natl. Lab., USA; Univ. Ariz., Dep. Hydrol. and Water Resour., USA  
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 ISSN: 0168-583X  
 Languages: English  
 illus.

32/3/6

1296107 85-29740

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 Possnert, G.  
 Tandem Accel. Lab., Uppsala, SWE; Sandia Natl. Lab., USA  
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 Languages: English

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 Languages: English  
 illus., tables

## KAPITTEL 9

(Beryllium or phenacite or phenakite or helvine  
or helvite or danalite) and flotation

34/2/1  
520710 69-24007  
Flotation of beryl from pegmatite  
Weir, L. J.  
S. Austral., Dep. Mines, Mining Rev. No. 123, p. 22-26, illus., 1967  
Subfilet B  
Doc Type: SERIAL  
Languages: English  
Descriptors: \*South Australia; \*Beryllium; \*Mining geology ; Economic geology; Technology ; Experimental studies; beryllium flotation;  
flotation  
Section Headings: 26 (ECONOMIC GEOLOGY, GENERAL & MINING)

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- Bulletin 1697 : The miPROSPECTOR Mineral Consultant System
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- Professional Paper 1396-C : Magnitude and Frequency of Debris Flows, and Areas of Hazard on Mount Shasta, Northern California
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