"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKEVICH, Ye.A.; TOMSON, I.N.; GORLOV, N.V.

Regional belts and zones of increased fracturing. Sov. geol. no.53: 170-185 '56. (MLRA 10:4)

(Ore deposits)

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15-57-4-4837

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 4, pp 114-115-116 (USSR)

AUTHOR: Radkevich, Ye. A.

TITLE: Metallogeny of Primor'ye (Metallogenicheskiye zony Primor'ya i osobennosti ikh razvitiya)

PERIODICAL: Tr. In-ta geol. rud. mestorozhd. petrogr., mineralogii i geokhimii, 1956, Nr 3, pp 3-41

ABSTRACT: The division of Maritime Territory into metallogenic provinces is not based on the composition of the metals, but rather on the difference in geological structure of the separate areas, which determines the various types of deposits. The metallogenic provinces thus coincide with the tectonic zones established by P. H. Kropotkin. The author believes the region of the Maritime Territory to be a transitional zone between the Mesozoic and the Tertiary

Card 1/10

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15-57-4-4837

Metallogeny of Primor'ye (Cont.)

folded zones. He considers it to be a not fully stabilized marginal part of the platform of Tertiary folding, which is still strongly affected by Tertiary movements. The Maritime Territory is a region of repeated development of tin mineralization. The ore belts listed below--the Paleozoic, Mesozoic, and Tertiary--developed as the continent grew to the west. 1) The western mineral belt with the Paleozoic and superimposed Mesozoic mineralization (see map), which contains two metalliferous zones: 1a) the peripheral gold-bearing zone, which is, apparently, the marginal part of the Mesozoic (?) gold-copper-lead belt of North China; 1b) the Ussuri-Khanka zone, which coincides with the region of the ancient crystalline Khanka massif; this zone is characterized by Paleozoic rare metals mineralization. Cassiterite in tin ore deposits is primarily associated with tourmaline, but also with topaz and fluorite. 2) The central ore belt with Mesozoic and superimposed Tertiary mineralization encompasses the Daubikhe synclinal zone and the Glavnyy Sikhote-Alin anticlinorium. The following zones are differentiated here: 2a) the

Card 2/10

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15-57-4-4837

Metallogeny of Primor'ye (Cont.)

Daubikhe tin-bearing zone, which is characterized by the tin ore deposits of the low sulfide, chlorite and tourmaline type, associated with transverse fractures; 2b) the Ulakh (Kartuna) tin-tungsten-gold-bearing zone, which is outstanding for the development of intrusions of various age (Precambrian, Paleozoic, Mesozoic, as well as upper Cretaceous). Three zones of higher gold content are associated with the rising of the anticlinorium axis. These are as follows: the Central Iman, the Upper Ulakh, and the Suchan-Nakhodka. Sn and W are usually isolated from the Au; they are, however, occasionally encountered in the form of tungstenite and cassiterite in quartz gold-bearing veins. 3) The eastern ore belt with Mesozoic and Tertiary mineralization coincides with the Sikhote-Alin synclinorium and the coastal anticlinal uplift. The large coastal fault, marked by a wide band of volcanic rock, extends through its eastern part. Three subzones with indistinct boundaries are distinguished in the eastern ore belt. These are: 3a) the Sidatun tin-tungstenite-gold subzone characterized by the development of large granitoid

Card 3/10

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15-57-4-4837

Metallogeny of Primor'ye (Cont.)

masses at the junction of the anticlinorium and the synclinorium (the unique feature of this subzone is that it contains deposits of Au as well as of Sb and W in its quartz); these deposits are possibly of late Mesozoic (upper Cretaceous) age. The later cassiterite- and tungstenite-quartz deposits pass in some places into quartz-sulfide deposits. The transitions are gradual. Some tin ore deposits are definitely of Tertiary age. 3b) the Sikhote-Alin tin-bearing subzone which is characterized by deposits of tin of the Tertiary period. The deposits belong chiefly to the cassiterite-sulfide type. This subzone occupies a middle part of the synclinorium and coincides with the watershed divide of the Sikhote-Alin mountain range. It contains no Au, and the W is rare here; these features distinguish it from the Sidatun subzone. The character of the mineralization changes from north to south. In the northern Iman-Bikin area the tin ore greisen deposits and the quartz-tourmaline veins are associated with the apical parts or with contact-metamorphic parts of granitoid mountains. In the southern Tetyukhe

Card 4/10

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15-57-4-4837

Metallogeny of Primor'ye (Cont.)

area, cassiterite-sulfide deposits of a chlorite type, removed from active intrusions, are developed; 3c) the coastal tin-copper-lead subzone is limited to the areas with primary development of effusives from the Lower Cretaceous and Tertiary periods; it coincides in considerable part with the anticlinal coastal uplift. Characteristics of this subzone are: 1) the presence of sedimentary limestone strata which have a substantial effect on the character of the mineralization; 2) the development of late, open fractures which reached the surface of the earth, as indicated by the presence of effusives; 3) the relatively small erosional action in the post-ore period. The combination of these factors determined the appearance of specific mineralization represented by the lead-zinc deposits in the limestones and the complex tin-lead-zinc deposits in the aluminum silicate rocks. The deposits of the eastern ore belt have many common geochemical features. Sn, Ag, Pb, Zn are present in all deposits; Sb is present in some; Hg is common. Mn, which is found everywhere, constitutes an important element. The basic similarity

Card 5/10

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15-57-4-4837

Metallogeny of Primor'ye (Cont.)

in the distribution of the deposits is their association with the sedimentary rocks in dome-like structures (in the coastal subzone) and with the faults of the following systems: 1) longitudinal faults running from north to east; 2) transverse faults running from north to west; 3) north to south faults; 4) faults running diagonally to the general direction of folding. The overwhelming majority of ore deposits are associated with such dislocations and especially with regions where faults intersect. A direct relation between mineralization and intrusions is established only for some quartz and some skarn zones. The connection of cassiterite-sulfide deposits with small intrusive bodies of diorites, granite porphyries, granophyres, and dacites is purely spatial. A close relation of ore veins to dikes of porphyrites is characteristic of the Ol'ga-Tetyukhe area. In some cases, these dikes antedate the mineralization; in others, they are intruded during the process of intermineralizational opening of fissures; in still other cases, they are post-ore in age. The close spatial association of such dikes with the ores cannot be considered as a genetic relation. The author discusses the problems

Card 6/10

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15-57-4-4837

Metallogeny of Primor'ye (Cont.)

of further exploration for ore deposits in Maritime Territory. He recommends that a structural map be prepared, showing the surface below the volcanic deposits unfavorable to mineralization. Geophysical methods should be used in this work. Insufficient attention has been given thus far, according to him, to geochemical methods of exploration of Maritime Territory. The method of "mercury aureoles," as well as the method of visual gravimetric testing, are recommended for study of all zones of limonitization.

Ye. P. M.

Card 7/10

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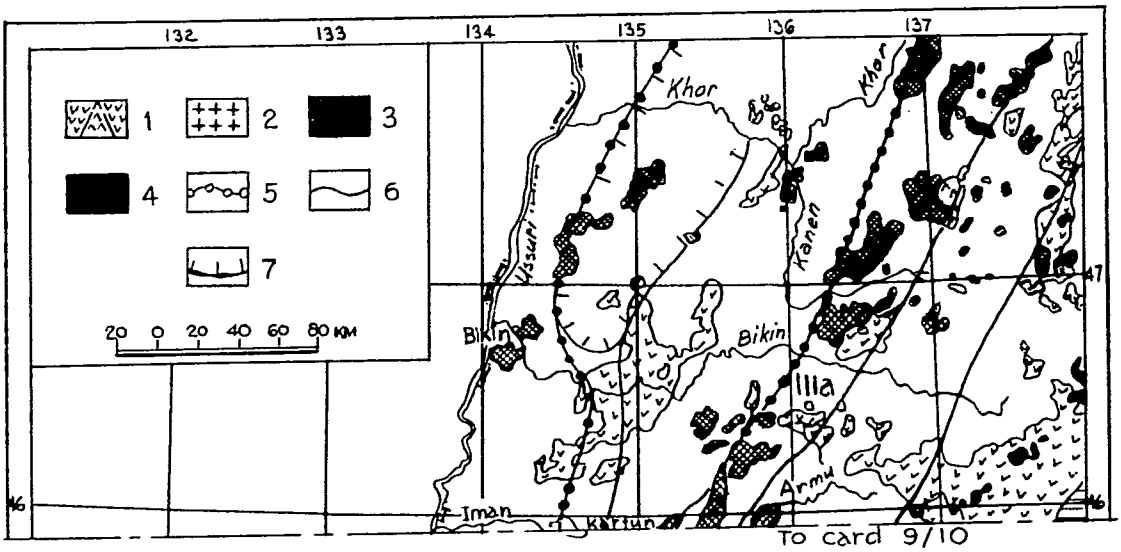
15-57-4-4837

Metallogeny of Primor'ye (Cont.).



Card 8/10

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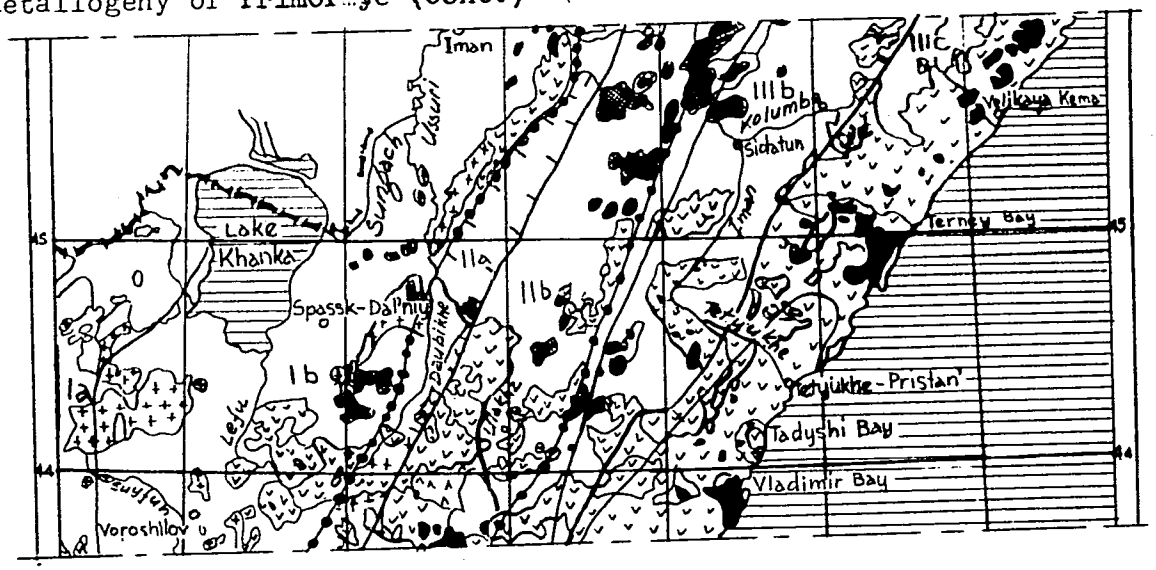
15-57-4-4837

Metallogeny of Primor'ye (Cont.)



Card 9/10

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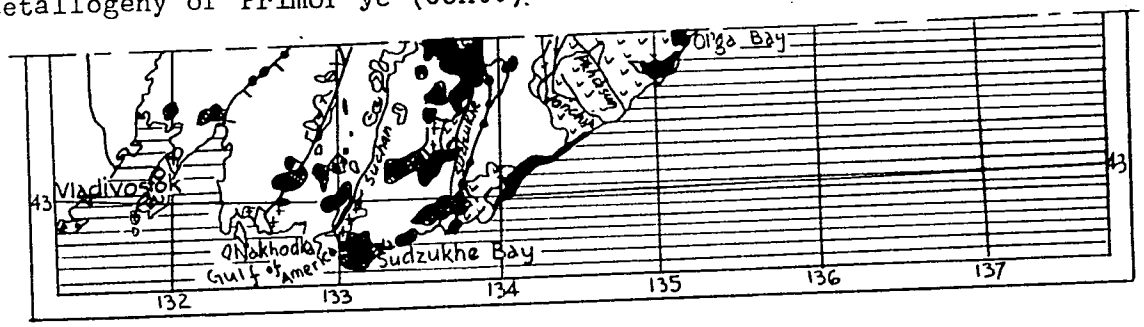
15-57-4-4837

Metallogeny of Primor'ye (Cont.).



Metallogenic provinces of southern Maritime Territory: 1 - Upper Cretaceous and Tertiary effusives; 2 - Paleozoic granites; 3 - Mesozoic (Jurassic and Upper Cretaceous) and in part, possibly Tertiary granites; 4 - Tertiary granitoids; 5 - boundaries of ore belts of various ages; 6 - boundaries of metal-bearing zones and their subdivisions; 7 - boundaries of tectonic structures (western flexures--Lower Bikin, Daubikhe, and Maykh, and also the coastal Ol'ga-Tetyukhe uplift)

Card 10/10

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

11-5-15/15

SUBJECT: USSR/Geology

AUTHOR: Radkevich, Ye. A.

TITLE: Conference on Types of Metallogenetic Maps (Soveshchaniye o tipakh metallogenicheskikh kart)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geologicheskaya, 1957, #5, pp 130-135 (USSR)

ABSTRACT: The Commission for Studying Regularities in Distribution of Mineral Deposits considered the problem of types of metallogenetic maps in its extended conference which was held in November 1956. The conference was opened by Academician Shatskiy, N.S.

Four reports were delivered to the conference:

1. "On Compiling the World's Metallogenetic Map in 1:10,000,000 Scale, in Connection with Decisions of the 20th Session of the International Geological Congress" - by Shatalov, Ye. T.,
2. "On the Metallogenetic Map of the Primor'ye Region in 1:500,000 Scale and Methods of its Compilation" - by Radkevich, Ye.A.
3. "Principles and Methods of Compiling the Metallogenetic Map of Kazakhstan in 1:1,000,000 Scale" - by Semenov, A.I., and

Card 1/2

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IL-5-15/15

TITLE: Conference on Types of Metallogenetic Maps (Soveshchaniye o tipakh metallogenicheskikh kart)

4. "On the Metallogenetic Map of Central Kazakhstan in 1:500,000 Scale Compiled by the Institute of Geological Sciences of the Kazakh Academy of Sciences" - by Medoyev, G.Ts., Shcherba, G.N., Satpayev, K.T. and Kazanli, D.N.

ASSOCIATION: Not indicated

PRESENTED BY:

SUBMITTED: No date indicated

AVAILABLE: At the Library of Congress.

Card 2/2

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BOGDANOV, A.A.; GAMKRELIDZE, P.D.; GORSKIY, I.I.; ZARIDZE, G.M.; KRASHENINNIKOV, G.F.; MURATOV, M.V.; RADKEVICH, Ye.A.; SOBOLEV, V.S.; KHAIN, V.Ye.; SHATALOV, Ye.T.

Visiting Czechoslovakian geologists. Vest.Mosk.un.Ser.biol., pochv., geol., geog. 12 no.2:3-27 '57. (MIRA 10:10)
(Czechoslovakia--Geology)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

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RADKEVICH, Ye.A.; TOMSON, I.N.

Phenomena of dynamic metamorphism of ores in cassiterite-sulfide deposits of the Maritime Territory. Izv.AN SSSR.Ser.geol. 22 no.3: 76-82 Mr '57. (MLRA 10:5)

1.Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR, Moskva.
(Maritime Territory--Tin ores)

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RADKEVICH, Yekaterina Aleksandrovna; LEVITSKIY, O.D., otvetstvennyy red.; GOLEVA, Ye.M., red.izd-va; RYLINA, Yu.V., tekhn.red.

[Metallogeny of the southern Maritime Territory] Metallogeniia Iuzhnogo Primor'ia. Moskva, Izd-vo Akad. nauk SSSR, 1958, 105 p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy, no.19)

(MIRA 11:3)

1.Chlen-korrespondent AN SSSR (for Levitskiy)
(Maritime Territory--Ore deposits)

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3(5) PHASE I BOOK EXPLOITATION SOV/1886

Ob"yedinennaya nauchnaya sessiya po metallogenicheskim i prognoznym kartam, Alma-Ata, 1958.

Materialy nauchnoy sessii po metallogenicheskim i prognoznym kartam; doklady. (Materials Presented at the Scientific Session on Metallogenetic and Postulated Ore Occurrence Maps; Reports) Alma-Ata, Izd-vo AN Kazakhskoy SSR, 1958. 318 p. Errata slip inserted. 3,850 copies printed.

Ed.: A.S. Pogozhev; Tech. Ed.: P.F. Alferova.

Sponsoring Agencies: (1) Akademiya nauk SSSR, (2) Akademiya nauk Kazakhskoy SSR, Alma-Ata, (3) USSR. Ministerstvo geologii i okhrany nedr, (4) Kazakh SSR. Ministerstvo geologii i okhrany nedr.

PURPOSE: This book is intended for exploration geologists, mining engineers, and cartographers.

Materials Presented (Cont.) SOV/1886

COVERAGE: This collection of reports was presented at the United Scientific Session on Metallogeny and Postulated Ore Occurrence Maps convoked by the Academy of Sciences in Alma-Ata, December, 1958. The reports deal with various aspects of compiling metallogenetic and ore occurrence maps as well as the methodology and techniques of correlating geophysical exploration data. These reports deal only with non-ferrous metals. Three other reports delivered at the conference but not included in this work were read by Ye.Ye. Zakharov, N.S. Shatskiy, and Yu.K. Goretskiy. References accompany each article.

TABLE OF CONTENTS:

Materials Presented (Cont.) SOV/1886

Zhilinskiy, G.B. [IGN AN KazSSR]. Principles of Compiling the Postulated Occurrence Maps for Tin in Centre Kazakhstan 148

Tyurin, B.A. [Kaz IMS and Kaz GMI]. Technique of Compiling a Metallogenetic and Postulated Occurrence Map for the Mesozoic Bauxites of Central Kazakhstan 165

Gimmel'farb, B.N. [GIGKhS]. Basic Principles for Compiling Postulated Occurrence Maps for Phosphates 183

Godlevskiy, N.N. [VSEGEI]. Problem of Compiling the Metallogenetic Postulated Occurrence Map for the Northwest Part of Siberia Platform 199

Ivanov, A.A. [VSEGEI]. Halogen Formations of the USSR and the Regularity of Distribution of the Principal Ore Deposits Related to Them 203

Radkevich, Ye.A., I.N. Tomson. [IGEM]. Large Scale Metallogenetic Mapping 212

Card 5/6

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3(5) PHASE I BOOK EXPLOITATION SOV/1923

Akademiya nauk SSSR. Otdeleniye geologo-geograficheskikh nauk. Komissiya po problema "Zakonomernosti razmeshcheniya poleznykh iskopayemykh."

Zakonomernosti razmeshcheniya poleznykh iskopayemykh (Regularities in the Distribution of Mineral Deposits Vol 1. Moscow, Izd-vo AN SSSR, 1958. 532 p. Errata slip inserted. 2,500 copies printed.

Resp. Ed.: N.S. Shatskiy, Academician; Editorial Board: N.S. Shatskiy, Academician, D.I. Shcherbakov, Academician, N.A. Belyayevskiy, N.N. Dolgopolov, O.D. Levitskiy, Yu.M. Pushcharovskiy, G.A. Sokolov; Ed. of Publishing House: G.I. Nosov; Tech. Ed.: I.N. Ouseva

PURPOSE: This book is intended for geologists and petrographers, particularly those interested in the worldwide distribution of minerals and the reasons underlying their occurrence.

COVERAGE: On the basis of particular regional studies this book attempts to establish the rules governing the distribution of metallic and non-metallic ore deposits. The work includes articles on the metallogeny of individual minerals, on broad methodological problems, and on the possibility of predicting the occurrence of a mineral in the USSR on the basis of its occurrence throughout the world. Six maps depicting the distribution of a particular mineral throughout the world are included with the work. References accompany each article.

TABLE OF CONTENTS

Smirnov, V.I. Conditions of the Deposition of Regenerated Deposits 160

Matveyenko, V.T., and Ye.T. Shatalov. Disjunctive Dislocations, Magmatization, and Mineralization in Northeastern USSR 169

Radkevich, Ye.A. Efforts in the Study of the Metallogeny of Ore Regions as Exemplified by Primor'ye 241

Card 3/6

Radkevich, Ye.A. The Metallogeny of Ore Districts as a New Approach in Metallogenetic Studies 462

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKEVICH, Ye.A.

Studying the metallogeny of ore provinces as exemplified by the Maritime Territory. Zakonom. razm. polezn. iskop. 1:241-251 '58. (MIRA 12:3)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR.
(Maritime Territory--Ore deposits)

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RADKEVICH, Ye.A.

Metallogeny of ore provinces as a new trend in metallogenic studies. Zakonom. razm. polezn. iskop. 1:462-469 '58. (MIRA 12:3)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR.
(Ore deposits)

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RADKEVICH, Ye. A.

3(5) PHASE I BOOK EXPLOITATION SOV/2681

Akademiya nauk SSSR. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii

Geologiya i rudnyye mestorozhdeniya Dal'nego Vostoka (Geology and Ore Deposits of the Far East) Moscow, Izd-vo AN SSSR, 1959. 94 p. (Series: Its Trudy, vyp. 18) 1,500 copies printed.

Ed.: Ye. A. Radkevich; Ed. of Publishing House; N. R. Kun; Tech. Ed.: A. P. Guseva.

PURPOSE: The publication is intended for mining geologists, geochemists, and mining engineers.

COVERAGE: This collection of articles deals with the characteristics of various polymetallic ore deposits in the (Soviet) Far East. Individual articles discuss sulphostannates in Southern Primor'ye and Zabaykal'ye, skarns, sulfides, and aplitic dikes. No personalities are mentioned. References accompany each article.

TABLE OF CONTENTS:

Card 1/3

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

Radkevich, Ye. A. Genetic Characteristics of Skarn-Polymetallic Deposits of the Tetyukhinskiy Type 3

Khetchikov, L. N. Relationship Between Skarns and Sulfides in the Pervoye Sovetskoye Deposit (Southern Primor'ye) 22

Radkevich, Ye. A. On the Sulphostannates in the Sinanchinskoye Cassiterite-Sulfide Deposit of Southern Primor'ye 30

Polyakova, O. P. The Decomposition of Sulphostannates in the Ores of the Smirnovskoye Deposit (Zabaykal'ye) 46

Tomson, I. N., and V. N. Skakunov. Main Features of the Geologic Structure of the Vanchinskaya Depression 54

Lobanova, G. M. The Problem of Postore Aplite Dikes 64

Lobanova, G. M. An Example of Horizontal Zoning in the Distribution of Ore Deposits 72

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

Geology and Ore Deposits of the Far East (Cont.) SOV/2681

Arkhangel'skaya, V. V. Hydrothermal Alteration of Rocks in the Kamenskoye Deposit (Zabaykal'ye) 77

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Card 3/3

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKEVICH, Ye.A.

Types of metallogenic provinces and ore zones. Zakonom. razm. polezn. iskop. 2:25-59 '59. (MIRA 15:4)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR.

(Ore deposits)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

3(3) SOV/11-59-5-14/14

AUTHOR: Malkovich, Yu.A.

TITLE: On the All-Union Metallogenic Conference in Alma-Ata (O vsesoyuznoy metallogenicheskoy konferentsii v g. Alma-Ate)

PUBLICATION: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, 1959, No 5, pp 125-128 (USSR)

ABSTRACT: The above conference, which took place in Alma-Ata from 8 to 18 December 1958 was concerned with the problems of mapping metallogenous regions. Eight hundred persons took part in the conference, among them 280 scientific workers of: the AS USSR, Sibirskoye otdeleniye AN SSSR (the Siberian Branch of the AS USSR), Academies of Sciences of other republics, Ministries and Departments, Geologicheskiye territorial'nyye upravleniya (the Geological Territorial Directorates) and the geologists of different Sovnarkhozes. The conference was opened by the

Card 1/7

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SOV/11-59-5-14/14

On the All-Union Metallogenic Conference in Alma-Ata

Minister of Geology of the USSR P.Ya. Antropov. After him P.M. Tatarinov reported on metallogenic research conducted by the VSEGEI and N.I. Satpayev reported on complex metallogenic and forecast maps of Central Kazakhstan, executed by the geologists of the Geologicheskiy institut AN KazSSR (the Geological Inistitute of the AS KazSSR). The whole work was based on the division of all geological formations of the region into six age groups: Pre-Paleozoic, Early-Caledonian, Late-Caledonian, Early-Variscian, Late Variscian and Cimmerian-Alpine group. G.N. Shcherba and A.E. Khilinskiy reported on the association of mineralization processes with the large regional disturbances characteristic for Central Kazakhstan. D.M. Kunanli reported on deep disruptive zones, some of which intersect the earth's crust. N.P. Satpayev reported on copper deposits of Kazakhstan.

Card 2/7

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SOV/11-59-5-14/14

On the All-Union Metallogenic Conference in Alma-Ata

A high appreciation of the maps was expressed by Ts.M.Fishman. The metallogenic map of the Southern Tien-Shen was demonstrated by Ye.D. Karpova (VSEGEI). T.M. Matsokina, on behalf of herself, Kh.M. Abdullayev and [illegible] Zalakina, reported on more detailed metallogenic mapping. Other metallogenic maps were demonstrated by: [illegible] Tvalchrelidze - a map of Caucasus; [illegible] Khrtchyan a map of Armenia; M.M. Aleshina, V.P. Pervova and N.V. Kuklina - a map of the Urals. P.M. Lazarev and I.V. Lennykh commented on the regularity in pyrite deposit distribution on the Southern Urals and their association with the albitophyres. Other types of large-scale maps of regions of pyrite deposits of the Altay were demonstrated by P.F. Ivankin, A.K. Kayupov and G.N. Shcherba. In this region the deposits were associated with warped zones, or zones of disruptive dislocations. The

Card 5/7

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SOV/11-59-5-14/14

On the All-Union Metallogenic Conference in Alma-Ata

metallogenic map of the North-East, which was demonstrated by V.T. Matveyenko, was compiled on the principle of the tectonic maps of N.S. Shatskiy. Complexes of main structural stages are indicated separatedly, the color indicating their ages. N.P. Semenenko, in the report "The Metallogenous Epochs and the Forecasting Maps of Ore Deposits of the UkrSSR", stressed the necessity of careful study of Plateaux, which enclose large ore deposits and are even more important than the young geosynclinal regions. The regularity of mineral deposits in the ancient, Pre-Cambrian folding regions is the same as for the younger folding regions. The age of the Pre-Cambrian formations is much greater than that of formations of so called historical geology, and the accumulation of mineral ores formed in the Pre-Cambrian period was proportionally more important. Reports by Yu.I. Staritskiy, V.L. Masaytis,

Card 4/7

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SOV/11-59-5-14/14

On the All-Union Metallogenic Conference in Alma-Ata

V.I. Dragunov dealt with the problem of mineral deposits of plateaus, indicating that prospecting in the crystalline base of plateaus must be conducted by methods adapted for geosynclinal zones. M.N. Godlevskiy reported on the regularity of the occurence of mineral deposits associated with the breaks in the plateau. Studying the metallogenic map of the Noril'sk region and the methods of its compilation, he said that large disruptions on the borders of the Tunguska syncline, with which the trappean intrusions were associated, were marked on the map. These intrusions were important for subsequent petrographic study. V.A. Kuznetsov reported on metallogenous processes connected with basic and ultra-basic magmata of West Siberia. B.M. Gimmel'farb reported on the compilation of forecasting maps for phosporites. S.D. Botishcheva-Tarasova

Card 5/7

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SOV/11-59-5-14/14

On the All-Union Metallogenic Conference in Alma-Ata

reported on forecasting maps for certain regions of the Turgay Depression. V.I. Smirnov, Ye.T. Shatalov Ye.A. Radkevich, Orlova and I. N. Tomson discussed general problems of methods of large-scale mapping. Ye.A. Radkevich in her report "The Types of Ore Bearing Regions" stressed the necessity of a more differentiated approach to various structures, indicating that the type of mineralisation depends not only on the time factor, but chiefly on the peculiarity of the development and structural situation of different structural and tectonic zones (internal depressions, elevations, breaks, etc). She singles out two type of zones: femic zones with a manifestation of basic magmatism along the deep breaks, and sialic zones, with a preponderance of granites. The same problem of typification was the object of reports by V.... Nikolayev, Kh.M.Abdullayev and G.... Sokolov. In the discussions, after these reports,

Card 6/7

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SOV/11-59-5-14/14

On the All-Union Metallogenic Conference in Alma-Ata

it was decided that, owing to the variety of conditions, for different types of territories different methods can be used. Further compilation of metallogenic maps on 3 different scales was recommended.

Card 7/7

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

ARTOBOLEVSKIY, I.I., akademik; KUDRYAVTSEV, P.S., prof.; OGORODNIKOV, K.F., prof.; RZHONSNITSKIY, B.N., kand. tekhn. nauk; DOROGOV, A.A., kand. tekhn. nauk; VASIL'YEV, I.G., kand. tekhn. nauk; ISLAMOV, O.I., kand. geol.-miner. nauk; LEONOV, N.I., prof.; RADKEVICH, Ye.A., doktor geol.-miner.nauk; KUZNETSOV, B.G., prof.; MARIYENBAKH, L.M., prof.; RUBINSHTEYN, M.I., prof.; KALMYKOV, K.F., kand. biol. nauk; KONFEDERATOV, I.Ya., prof.; KOZLOV, A.G.; ZUBOV, V.P., prof.; IMSHINETSKIY, A.A.; DORFMAN, Ya.G., prof.; SHUKHARDIN, S.V., kand. tekhn.nauk; KEDROV, B.M., prof.; DANILEVSKIY, V.V., akademik; SHATSKIY, N.S., akademik; BYKOV, K.M., akademik.

Speeches. Vop. ist. est. i tekh. no.6:111-141 '59. (MIRA 12:6)

1.Chlen-korrespondent AN SSSR (for Imshinetskiy). 2. AN USSR (for Danilevskiy).
(Science) (Technology)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

SOV/11-59-10-10/16

3(5)

AUTHOR: Radkevich, Ye. A. and Tomson, I.N.

TITLE: The Superimposition of Mica-Fluorite-Topaz Mineralization on Sulfide Mineralization in the Shcherbakovka Ore Field

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, 1959, No. 10, pp 107-114 (USSR)

ABSTRACT: The Shcherbakovka mineral deposit (Yuzhnoye Primor'ye - Southern part of the Soviet Far East) is formed of tin-polymetallic casserite-sulfide veins occurring in Paleozoic sedimentary rocks. They form a series of vein zones associated with the parallel faults of north-western orientation. There are following paragenetic associations corresponding to different mineral-forming stages: 1) Quartz-arsenopyrite association with casserites; 2) sulfide, pyrrhotine-galenite-sphalerite association with casserites; 3) Carbonate-sulfide association with fahlerz, boulangerite, stannite, pyrrhotine, sphalerite and galenite; and 4) chalcedony-calcite-antimonite association with pyrrhotine, boulangerite, jamesonite, antimonite and other antimonic minerals. All these mineral associations were formed

Card 1/3

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SOV/11-59-10-10/16

The Superimposition of Mica-Fluorite-Topaz Mineralization on Sulfide Mineralization in the Shcherbakovka Ore Field

in consecutive stages of a single metasomatic process, which explains their geological occurrence and the repetition of the same minerals in different associations. The mica-fluorite-topaz formations associated with casserites discovered at the Shcherbakovka deposits, intersect the earlier formed sulfide and sphalerite-pyrrhotine veins. The texture of these intersecting veins is characterized by the occurrence of radial, banded and wavy thinly-crystalline agglomerations presumably formed in conditions of a rapid decrystallization caused by a sharp fall in the temperature. As the four mentioned associations were formed by magmatic solutions at a temperature steadily falling at each stage, the author thinks that the mica-fluorite-topaz mineralization occurred in conditions of a suddenly increased temperature. Presumably another "portion" of rejuvenated magmatic solution reached the deposit after the first veins were already formed. There are 7 photographs, 1 diagram, and 1 table.

Card 2/3

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SOV/11-59-10-10/16

The Superimposition of Mica-Fluorite-Topaz Mineralization on Sulfide Mineralization in the Shcherbakovka Ore Field

ASSOCIATION: Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR, Moskva (Institute of Geology of Mineral Deposits, Petrography, Mineralogy and Geochemistry of the AS USSR, Moscow)

SUBMITTED: March 16, 1958

Card 3/3

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKEVICH, Ye.A.

Genetic characteristics of skarn-complex deposits of the Tetyukhe type. Trudy IGEM no.18:3-21 '59. (MIRA 12:10)
(Tetyukhe Valley--Ore deposits)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKEVICH, Ye.A.

Sulfostannates in the Sinancha cassiterite-sulfide deposit of the southern Maritime Territory. Trudy IGEM no.18:30-45 '59. (MIRA 12:10)

(Sinancha region(Maritime Territory)--Tin ores)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKEVICH, Ye.A.

Types of vertical and horizontal zoning. Sov.geol. 2 no.9: 70-85 S '59. (MIRA 13:2)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii (IGEM).
(Ore deposits)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKEVICH, Yekaterina Aleksandrovna; LIPETS, Yu.G., red.; POPOVA, V.I., mladshiy red.; VILENSKAYA, E.N., tekhn.red.

[Through China with geologists] S geologami po Kitaiu. Moskva, Gos.izd-vo geogr.lit-ry, 1960. 116 p. (MIRA 13:7)
(China--Geology)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

S/630/60/000/020/003/004
D228/D303

AUTHOR: Radkevich, Ye.A.

TITLE: The question of types of ore-bearing territories

SOURCE: International Geological Congress. 21st, Copenhagen, 1960. Doklady sovetskikh geologov, problema 20: Prikladnaya geologiya voprosy metalogenii, Moscow, Izd-vo AN SSSR, 1960 32-43

TEXT: In considering the specific metallogenic features of different structural-facies zones throughout the world the author notes the various approaches of Soviet geologists to the explanation of this problem and of the zoning schemes proposed by S. S. Smirnov and A.G. Betekhtin. V.A. Nikolayev and other geologists emphasize the importance of tectonics; a second group, headed by Yu.A. Bilibin and V.I. Serpukhov, consider the question from the viewpoint of definite time stages during the

Card 1/5

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S/630/60/000/020/003/004
D228/D303

The question of types ...

development of mineralized territories, introducing the concept of structural-metallogenic zones. When studying some Far Eastern deposits the author realized the need for distinguishing different types of metallogenic territory, province and zone. The characteristics of a deposit are largely determined by the attachment of its mineralized area to a particular type of structural-facies and metallogenic zone, and not merely by the time and stage of the mineralization - a conclusion reached independently, too, by D.I. Gorzhevskiy, V.N. Kozerenko, and G.S. Labazin. The geochemical classification for mineralized areas - femic and sialic - is also used in this study in addition to their tectonic division into platforms, geosynclines, and rejuvenated platforms. Platforms with basement mineralization are further subdivided into: crystalline-shield areas with metamorphogene deposits - graphite, micaceous pegmatites, Mg skarns - formed during granitization and ultrametamorphism; areas with old metamorphozed

Card 2/5

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iron formations originally deposited in Archean - L. Cambrian basins; and regions where the mineralization is related to intrusives. According to N.P. Semenenko and Yu.G. Staritskiy, platforms are on the whole characterized by the same distribution patterns for magmatic- and ore-formations as the younger post-Proterozoic fold zones. For mineralized ground in the platform cover, however, the primary ores are mainly related to basic magmas and their ultrabasic and alkaline derivatives. This subclass of metallogenic provinces includes Cu-Ni, magnetite, and diamond-bearing deposits in ultrabasic - basic rocks; rare-metal and rare-earth mineralization in alkaline rocks; and telethermal Pb-Zn and fluorite ores in carbonate rocks. Femic geosynclinal regions are principally found near major linear geosutures. In the Ural greenstone band the following paragenetic associations are noted: Early effusives with pyrite, ultrabasic rocks with asbestos, Cr, and Pt; basic rocks with Cu-Fe-V and Fe-Ti mineralization; acido-alkaline rocks with Cu and magnetite;

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S/630/60/000/020/003/004
D228/D303

The question of types ...

and alkaline rocks with rare-metals. Siallic geosynclinal regions, however, are confined to downwarps, along which thick masses of sediment have accumulated, and are characterized by the prevalence of granites and acid effusives. They are represented by flexures composed of terrigeneous sediments with Sn-W mineralization; lime-stone uplifts with Pb-Zn ores; structural geosutures with acid and alkaline rocks (Sn-W, rare-metals), ultrabasic rocks (Ni), and faulted effusives (Sn,Au,Pb-Zn,Cu); and foredeeps with molasse beds containing sedimentary Cu and teletherma/l Pb-Zn deposits. On rejuvenated platforms and in block-syncline areas, where the ore distribution is nodal rather than linear, the mineral-lithologic associations are generally similar to those of geosynclinal regions. The flexural zones consist of pyritized volcanics, terrigeneous strata (with Sn-W ores), limestones, (with Pb-Zn ores), and terrigeneous material overlain by limestones (with base metal mineralization). Uplift zones are composed of alumino-silicate rocks mineralized by

Card 4/5

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The question of types ... S/630/60/000/020/003/004
D228/D303

Sn and W, while ultrabasic rocks (with Ni) and effusives (with base metals and Ag) occur in deep and near-surface fault zones respectively. The author considers the foregoing to show that the type of differentiation in the mineralization process is controlled by the host-rock lithology; together with tectonic factors and the deep magma-chamber's influence on the formation of mineralizing solutions the lithology determines the metallogenic specificness of separate zones. It is also suggested that the position of mineralized zones is governed by longitudinal tectonic elements, the mineralization's specific features being influenced by lateral structures. There are 34 Soviet-bloc references.

Card 5/5

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKEVICH, YE. A.

Papers submitted for the 10th Pacific Science Congress, Honolulu, Hawaii 21 Aug-6 Sep 1961.

NAGIBINA, M. S., Institute of Geology - "Mesozoic depressions and troughs of east Asiatic type and their position in the systematics of tectonic forms" (Section VII.C)

NELEPO, B. A., Moscow State University, Physical Faculty - "The gamma-ray spectrometric measurements of artificial radioactivity in upper layers of the ocean" (Section VII.3.6)

NESTEROV, V. G., Chair of Forestry, The Agricultural Academy imeni K. A. Timiryazev - "Forest fire research and methods of fire control" (Section V.B)

OSTROUMOVA, T. A., Institute of Oceanology - "Biogeographical and morphological analysis of reproduction and development of flatfish in the seas of the northwest Pacific" (Section III.C)

OZMIDOV, R. V., Institute of Oceanology - "Investigation of the horizontal turbulent exchange in the Pacific Ocean" (Section VII.B)

PARIN, N. V., Institute of Oceanology - "Regularities in the geographical distribution of flying fishes in the Pacific Ocean" (Section VII.C)

PENGAMENT, M. A., Institute of Geology - "Stratigraphic horizons in the cretaceous deposits of Kamchatka" (Section VII.C)

PETELIN, V. P., Institute of Oceanology - "The processes of recent sedimentation in the western part of the equatorial zone in the Pacific" (Section VII.C.1)

PETRUSHEVSKIY, B. A., Institute of Earth Physics imeni O. Yu. Schmidt - "The seismic geological conditions in the northwestern outlying area of the Pacific basin" (Section VII.C.2)

PONOMAREVA, L. A., Institute of Oceanology - "Euphausiidae in the northern part of the Pacific" (Section III.C)

PORTENKO, L. A., Institute of Zoology - "The problem of the Bering land bridge from the zoological point of view" (Section III.A.8.a)

PUSHCHAROVSKIY, Yu. M., Institute of Geology - "Some specific features in the tectonics of the north part of the Pacific belt" (Section VII.C)

PYRKIN, U. P., Moscow State University, Physical Faculty - "A new deep-sea device for recording currents ('MGU')" (Section VII.3.5)

RADKEVICH, Ye. A., Institute of Geology - "On the stability and inheritance of structural elements in the frame of the Pacific Ocean depression" (Section VII.C)

RASS, T. S., OSTROUMOVA, T. A., and GORBUNOVA, N. N., Institute of Oceanology - "Geographical regularities in regard to reproduction and development of mass fishes in the northern part of the Pacific" (Section III.C)

ROMANKEVICH, Ye. A., Institute of Oceanology - "Organic substance in bottom sediments in the western part of the Pacific" (Section VII.C.1)

RUDICH, Ye. N., Institute of Earth Physics imeni O. Yu. Schmidt - "Relations between deep focus earthquakes in the eastern margin of Asia and large structures of the earth crust" (Section VII.C.2)

RYABCHIKOV, A. H., Moscow State University, Geographical Faculty - "The structure of natural zonatic in east Asia" (Section VI.C)

RYKUNOV, L. N., Moscow State University, Physical Faculty, Chair of Hard Crust - "The correlative method for studying microseisms" (Section VII.C.2)

SAYDOVA, Kh. M., Institute of Oceanology - "The distribution of bottom line Foraminifera in the northern part of the Pacific and its use for the reshaping of the paleorelief" (Section VII.C.1)

SAMOYLENKO, V. S., Institute of Oceanology - "Problems concerned with the theory of formation of the temperature regime in seas and oceans" (Section VII.A)

SEMINA, G. I., Institute of Oceanology - "Biogeographical zonation of the Pacific Ocean in regard to phytoplankton" (Section III.A)

SENOVA, M. Ya., Institute of Geology - "Paleogene Foraminifera of Kamchatka" (Section VII.C)

SAVILOV, A. I. SAVILOV, A. Y., Institute of Oceanology - "Velella and Physalia in the pleiston of the Pacific" (Section III.C)

SHEMYAKIN, N. M., Institute of Earth Physics imeni O. Yu. Schmidt - "Mechanism of ocean-magnus (?) origin" (Section VII.C.2)

SHOSHIN, A. A., The Central Organization of Leningrad - "The main problems of human illness geography and their significance for prophylactic medicine" (Section VII.3.4)

SHUMSKIY, P. A., Institute of Permafrost Studies - "Glaciology of Antarctica" (Section VII.D.1)

SYSOYEV, N. N., Institute of Oceanology - "Methods for measuring deep currents in the ocean and some results of their application in the Pacific Ocean" (Section VII.3.5)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKEVICH, Ye.A.

Conference on the geology and metallogeny of the Pacific ore belt held in Vladivostok. Geol. i geofiz. no.1:118-120 '61. (MIRA 14:5)

(Soviet Far East—Economic geology)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKEVICH, Ye. A.

"Most Important Features of the Metallogeny of the Pacific Ocean Ore Belt within the Confines of the USSR"

report presented at the First All-Union Conference on the Geology and Metallurgy of the Pacific Ocean Ore Belt, Vladivostok, 2 October 1960

So: Geologiya Rudnykh Mestotozhdeniy, No. 1, 1961, pages 119-127

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKEVICH, Ye.A.; TOMSON, I.N.; LOBANOVA, G.M.; KALANTAROV, A.P., red.izd-va; ASTAF'YEVA, G.A., tekhn.red.

[Geology and metallogeny of typical ore regions in the Maritime Territory] Geologiia i metallogeniia tipovych rudnych raionov primor'ia. Moskva, Izd-vo. Akad. nauk SSSR, 1962. 128 p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy, no.58). (MIRA 15:10)

(Maritime Territory—Ore deposits)

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L 24435-65 EWG(v)/EWT(1)/EEC(t)/FCC Pe-5/Pg-4/Pi-4/Po-4/Pq-4 GW
ACCESSION NR: AR4039992 S/0169/64/000/004/G002/G002

SOURCE: Ref. zh. Geofiz., Abs. 4G11

AUTHOR: Vasil'kovskiy, N. P.; Radkevich, Ye. A.; Smirnov, A. M.

TITLE: Role of geophysics in the study of the Pacific Ocean zone and the proposed plan for geophysical work

CITED SOURCE: Byul. Tikhookeansk. kom-ta po geol. i metallogenii Tikhookeansk. rudn. poyasa, vy*p. 1, 1962, 56-66

TOPIC TAGS: superdeep drilling, geophysical exploration, earth crust, seismic sounding, earthquake, gravimetry, gravimetric survey, airborne magnetometer survey

TRANSLATION: The proposed geophysical work in the eastern part of the SSSR will be an integral part of the complex of geological — geophysical and geochemical investigations involving the use of superdeep drilling and data from other sciences. The purpose of this work, on the one hand, is the collection of data for solution of the major theoretical problems associated with the structure and development of the earth and the earth's crust, and on the other hand, the clarification of the most important details of the geological structure of the

Card 1/3

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

L 24435-65
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Soviet sector of the Pacific Ocean zone, having decisive importance for the determination of the patterns of distribution of minerals. There is a brief discussion of general theoretical problems requiring immediate solution. The authors note the possible ways to solve these problems by geophysical methods and discuss the problems of regional geophysical investigations for clarification of the peculiarities of the structure of the Soviet sector of the Pacific Ocean mobile zone. It is emphasized that the principal problems involved in the study of the structure of the earth's crust in geologically different regions should be solved complexly. Among such integrated geophysical investigations, attention should be given to: 1) deep seismic sounding; 2) gravimetric surveys; 3) airborne magnetometer surveys; 4) study of natural earthquakes and industrial explosions. A specific plan is proposed for investigation of the earth's crust in the Far East by the deep seismic sounding method. The authors suggest the principal directions for laying out deep seismic sounding profiles: intersecting the Sea of Japan, Sikhote-Alin', Manchurian highlands, Sea of Okhotsk, northeastern SSSR, Kamchatka, Chukotka and the Koryakskoye highland, Bering Sea, southern margin of the Siberian platform and the Mongolian-Okhotsk zone. The need for geophysical work for the study of the peculiarities of the structure of

Card 2/3

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

L 24435-65

ACCESSION NR: AR4039992

individual ore-bearing regions is emphasized. Bibliography of 21 references.

A. Goryachev

ASSOCIATION: Tikhookeanskiy komitet po geologii i metallogenii Tikhookeanskogo rudnogo poyasa (Pacific Ocean Committee on the Geology and Metallogeny of the Pacific Ocean Ore Zone)

SUB CODE: ES ENCL: 00

Card 3/3

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKEVICH, Ye.A.

Characteristics of the development of the Pacific ore belt. Geol. i geofiz. no.11:14-23 '62. (MIRA 15:3)

1. Dal'nevostochnyy geologicheskiy institut Sibirskogo otdeleniya AN SSSR, Vladivostok.
(Pacific area--Ore deposits)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKEVICH, Ye.A.

Characteristics of the metallogeny of various types of ore-bearing areas and zones in the Pacific ore belt. Geol. i geofiz. no.12:10-21 '62. (MIRA 16:3)

1. Dal'nevostochnyy geologicheskiy institut Sibirskogo otdeleniya AN SSSR, Vladivostok.

(Pacific area—Ore deposits)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKEVICH, Ye.A., doktor geol.-miner. nauk, otv. red.; TOMSON, I.N., red. izd-va; FIN'KO, V.I., red.izd-va; GOLUB', S.P., tekhn. red.; TIKHOMIROVA, S.G., tekhn. red.

[Geology and metallogeny of the Soviet zone in the Pacific ore belt] Geologiia i metallogeniia Sovetskogo sektora Tikhookeanskogo rudnogo poiasa. Moskva, Izd-vo Akad. nauk SSSR, 1963. 659 p. (MIRA 16:7)

1. Akademiya nauk SSSR. Dal'nevostochnyy filial, Vladivostok. Dal'nevostochnyy geologicheskiy institut.
(Soviet Far East--Geology)
(Soviet Far East--Ore deposits)

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Baku, 18-23 Sept 1962
Regularities in the Formation and Distribution of Endogenous Mineral Resource Deposits, S/011/63/000/001/002/002
The Third All-Union Conference on... A006/A101

Group 2 included reports on endogenous deposits in other synclinal regions, such as mercury formations in Siberia and the Far East (V. A. Kuznetsov), pyrite deposits in the Ural (S. N. Ivanov), Kimeridgian and Alpine metallogeny in Uzbekistan (I. Kh. Khamrabayev); ore region types in the Pacific area (Ye. A. Radkevich); metallogeny in Tadzhikistan (K. I. Litvinenko); hydrothermally transformed rocks in the Trans-Carpathian region (M. Yu. Fishkin) peculiarities in magmatism and metallogeny of the Mountaneous Crimea (V. I. Lebedinskiy), antimony-mercury fields (M. A. Karasik) and others. Group 3 included reports on the classification of metallogenous zones and provinces of the Earth crust (D. I. Gorzhevskiy); classification of metallogenous zone types of the Earth crust (V. N. Kozerenko); classification of magmatogenous non-metallic mineral resources as a basis of prognoses and prospecting (V. P. Petrov); types of metallogenous provinces in synclinal regions of the USSR (A. I. Semenov); principles of geological zoning on the example of Central Asia (K. L. Babayev); comparative characteristics of metallogeny in Malyy Caucasus and the Kamchatka-Koryak zone (I. G. Magak'yan), some particularities of metallogeny in the Mediterranean geosynclinal region (G. A. Tvalchrelidze); rootless plutons and some peculiarities in the magmatism of moving zones (A. P. Lebedev); paragenetic ore complexes (P. S. Saakyan) the part of deep-lying breaks in metallogeny of syncline regions on the example of the Caucasus (E. Sh. Shikhalibeyli). The closing report was read by A. V. Sidorenko, Minister of Geology and Preservation of Mineral Resources of the USSR.

Izvestiya Ak nauk SSSR, Seriya Geologicheskaya, No. 1, 1963, pp 126-128

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKEVICH, Ye.A.

Brief characterization of the complex metal belt in the Argun Valley. Trudy IGEM no.83:31-36 '63. (MIRA 16:11)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKEVICH, Ye.A.

Position of lead-zinc mineralization in the general metallogenic plan of Transbaikalia. Trudy IGEM no.83:525-528 '63. (MIRA 16:11)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKEVICH, Ye.A.; ARKHANGEL'SKAYA, V.V.; POLYAKOVA, O.P.

Some problems of the genesis and characteristics of the distribution of lead-zinc deposits in eastern Transbaikalia. Trudy IGEM no.83:529-540 '63. (MIRA 16:11)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

L 52347-65 EWT(1) GW

ACCESSION NR: AP5013398 UR/0210/65/000/002/0164/0165 35 21 B

AUTHOR: Radkevich, Ye. A.; Vasil'kovskoy, N P.; Tuyezov, I. K. 12 12

TITLE: Coordinating conference on the study of the earth's crust and upper mantle in the eastern SSSR

SOURCE: Geologiya i geofizika, no. 2, 1965, 164-165

TOPIC TAGS: geologic conference, geophysic conference, geology, geophysics, geochemistry

ABSTRACT: A conference was held in Khabarovsk from 15—17 October 1964 to coordinate the geological, geophysical, and geochemical research on the earth's crust and upper mantle in the transition zone between continental Soviet Asia and the Pacific Ocean. The meeting was attended by representatives of the Academy of Sciences USSR, including the Division of Earth Sciences, the Siberian Branch of the Academy, and the Pacific Ocean Committee of the Siberian Branch. Other organizations participat-

Card 1/4

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ACCESSION NR: AP5013398

ing included the State Committee on Geology of the USSR, the State Committee on Industrial Geology of the RSFSR, and several institutes of the Siberian Branch of the Academy.

The conference participants formulated the following policies for future research coordination:

1) Research should be carried out on the following subjects: a) the structure, composition, and physical state of the earth's crust and upper mantle as determined from geophysical data; b) the petrographic and geochemical aspects of crustal and upper mantle development; c) vulcanism as an indication of processes in the upper mantle and its role in the formation of the earth's crust; d) the composition of the earth's crust and upper mantle on the basis of deep and superdeep drilling; e) geologic development of the earth's crust in the transition zone; f) history of the development and migration of the volcanic zones in the Soviet Asian volcanic belt; g) geology of the island arcs and the surrounding seas in the Soviet portion of the Pacific Ocean; h) history and characteristics of the development of relief relative to the formation of the earth's crust; i) mineralogical characteristics of the

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ACCESSION NR: AP5013398

tectonic zones of the Pacific Ocean relative to the abyssal structure of the crust.

2) The areas of research described above were assigned to various organizations as follows: a) general problems in geology and metallogeny, to the Far East Mining Institute (DVGI); b) geophysical research in the island arc, to the Sakhalin Combined Scientific Research Institute (Sakh KNII); c) regional geologic research and geologic mapping, to the All-Union Scientific Research Geological Institute; d) recent volcanism, to the Institute of Vulcanology; and e) geology of the ocean, to the Scientific Research Institute of Arctic Geology.

3) Each of the institutes was given until May 1965 to draw up a research program in its area of responsibility and have it approved by other interested organizations. In addition, plans were formulated for regular periodic exchange of information obtained on the various programs, the first meeting to take place in September 1965 in Sakhalin. Publication of the results of research projects in monograph form is scheduled for the period 1968-1970.

Card 3/4

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L 52347-65

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ACCESSION NR: AP5013398

4) Scientists selected to act as members of a coordinating committee include L. L. Van'yan, N. P. Vasil'kovskiy, A. N. Volkov, A. N. Vinogradov, M. Kh. Livshits, Yu. B. Kravchenko, B. Kh. Yegiazarov, A. A. Nikolayevskiy, I. K. Tuyezov (Chairman), Hu. D. Chudinov, and Ya. B. Shvarts. (Radkevich, Ye. A., N. P. Vasil'kovskiy, and I. K. Tuyezov.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: ES

NO REF SOV: 000 OTHER: 000 FSB: v. 1, no. 7

Card 4/4 MB

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKEVICH, Ye.A.; USENKO, S.F.; CHEBOTAREV, M.V.

Relation of tin and gold mineralization to the main structural elements in the southern part of the Far East. Geol. i geofiz. no.3:25-38 '65. (MIRA 18:6)

1. Dal'nevostochnoye geologicheskoye upravleniye, Vladivostok.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

[illegible], [illegible]; [illegible]'KOV[illegible], [illegible]; [illegible], I.K.

[illegible]nation conference on the study of the earth's crust and upper mantle in the eastern regions of the U.S.S.R. Geol. i geofiz. no.2: 164-165 '65. (MIRA 18:9)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

KOZLOV, [illegible]; OVSYUK[illegible], N.I.; RADKEVICH, Zh.[illegible].

A new species of nematodes Cylicospirura skrjabini (Spirurata) from arctic foxes and common foxes. Trudy Gel'm. lab. [illegible] 164. (MIRA 17:10)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKEVICHOVA, E.

"The problem of metallogenic mapping. Tr from the Russian."

p. 16 (Central Geologic Institute, Czechoslovak Academy of Sciences) Vol. 33, no. 1, 1958

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 5, May 1958

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKIN, I.P., kandidat meditsinskikh nauk

Role of sanitary-epidemiological station in range livestock breeding. Gig. i san. 21 no.4:35-38 Ap '56. (MIRA 9:7)

1. Iz Instituta organizatsii zdravookhraneniya i istorii meditsiny imeni N.A.Semashko AMN SSSR.
(AGRICULTURE,
med. serv. for animal herders in Russia (Rus))

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

PA 20/49T76

RADKIN, P. P.

USSR/Medicine - Lungs, Diseases Nov/Dec 48
Medicine - Diagnosis

"Value of Tomography for Diagnosis of Diseases of the Lungs," P. P. Radkin, 3 3/4 pp

"Problemy Tuberkuleza" No 6

General discussion, illustrated by seven case histories, and seven photographs.

20/49T76

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKIN, P.P.

Medico-sanitary services on large construction works. Sovet.zdravo-okhr. no.2:12-21 Mr-Ap '50. (CLML 19:2)

1. Of the Institute for Public Health Organization and History of Medicine imeni N.A.Semashko (Director -- N.A.Vinogradov) of the Academy of Medical Sciences USSR. 2. Medico-sanitary organizational scheme given for large construction projects.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKIN, P. P.

Role and importance of scientific medical societies in public health service. Khirurgiia, Moskva no.9:68-69 Sept. 1950.
(CLML 20:1)

1. Candidate Medical Sciences.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKEN, P. P.

Sanitary contraepidemic measures on construction projects. Gig., sanit., Moskva No. 11, Nov. 50. p. 14-9

1. Of the Institute of Public Health Organization and History of Medicine imeni A. N. Semashko of the Academy of Medical Sciences USSR.

CLML 20, 3, March 1951

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKIN, P.P.

Medicine

Medical and sanitary service on national building projects. Moskva, Medgiz, 1951.

9. Monthly List of Russian Accessions, Library of Congress, November 1952 1953, Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKIN, P.P.

Role of the feldsher at industrial projects. Feldsher & akush. no.2: 20-25 Feb 51. (CIML 20:8)

1. Candidate Medical Sciences.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKIN, P.P.

Standardization of the organization of medical services in Communistic industrial constructions. Med.sestra, Moskva no.3:7-12 Mar 51.
(CLML 20:7)

1. Candidate Medical Sciences. 2. General remarks on organization.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKIN, P. P.

Medicohygienic service on the construction project of the northern Crimean canal. Sovet. med. no.7:32-35 July 1951. (CLML 20:11)

1. Candidate Medical Sciences. 2. Of the Institute of Public Health Organization and History of Medicine imeni N. A. Semashko of the Academy of Medical Sciences USSR (Director -- N. A. Vinogradov).

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKIN, P. P.

Turkmenistan - Industrial Hygiene

Role of feldsher at the construction of the Main Turkmen Canal. Fel'd. 1 akush. No. 7 1952

Monthly List of Russian Accessions, Library of Congress, October 1952. Unclassified.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKIN, P.P.

Dispensary services in construction works in the Soviet Union. Sovet. zdravookhr. 11 no.4:26-31 July-Aug 1952. (CIML 23:2)

1. Candidate Medical Sciences. 2. Of the Institute of Public Health Organization and History of Medicine imeni N. A. Semashko, Academy of Medical Sciences USSR.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

1. RADKIN, P.P.

2. USSR (600)

4. Main Turkmen Canal Region - Public Health

7. Result of conducting sanitation and anti-epidemic measures at the construction of the Main Turkmen Canal. Gig,isan. Vol. 17, no. 10, 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKIN, P.

Public Health - Main Turkmen Canal Region

On the route of the Main Turkmen Canal. Sov. kras. krest 3, No. 2, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKIN, P.P., kandidat med. nauk (Moskva)

Feldsher and midwife's work among animal breeders on the range. Fel'd. i akush. no.11:32-35 N '54. (MLRA 7:12)

(PUBLIC HEALTH
in Russia, feldsher & midwife work among dispersed animal herders)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKIN, P.P., kandidat meditsinskikh nauk

Protection of health of the public in regions of range animal breeding. Sov. zdrav. 13 no.4:33-37 Jl-Ag '54. (MLRA 7:9)

1. Iz Instituta organizatsii zdravookhraneniya i istorii meditsiny imeni N.A.Semashko Akademii meditsinskikh nauk SSSR (dir. Ye.D. Ashurkov)

(PUBLIC HEALTH,
in Russia, med. aid to population in cattle regions)
(RURAL CONDITIONS,
in Russia, med. aid to population in cattle regions)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKIN, P.P., kandidat meditsinskikh nauk.

On the Chernyye Zemli. Zdorov'e 1 no.12:6 D '55. (MLRA 9:2)
(CHERNYYE ZEMLI--PUBLIC HEALTH, RURAL)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKIN, P.P., kandidat meditsinskikh nauk

Medical and sanitary serves for the population in winter range areas of the Chernyye Zemli. Sov.zdrav. 15 no.3:44-50 My-Je '56 (MLRA 9:8)

1. Iz Instituta organizatsii zdravookhraneniya i istorii meditsiny imeni N.A.Semashko Ministerstva zdravookhraneniya SSSR (dir. Ye.D. Ashurkov)

(AGRICULTURE,
med. serv. in animal husbandry in Russia (Rus))
(PUBLIC HEALTH,
med. centers in zones of animal hysbandry in Russia (Rus))

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKIN, P.P.

[Safeguarding the health of workers on stock farms] Okhrana zdorov'ia rabotaiushchikh v zhivotnovodcheskikh khoziaistvakh. Moskva, Medgiz, 1957. 39 p. (MIRA 11:4)
(STOCK AND STOCKBREEDING--HYGIENIC ASPECTS)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKIN, P.P., kandidat meditsinskikh nauk

Conquest of Golodnaya Steppe. Zdorov'e 3 no.5:6 My '57. (MLRA 10:6)
(GOLODNAYA STEPPE--RECLAMATION OF LAND)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

LADKIN, P.P., kand.med.nauk

Medical care in the seasonal pasture areas. Zdrav.Kazakh. 17 no.2: 3-9 '57. (MIRA 12:6)

(KAZAKHSTAN--MEDICINE, RURAL)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKIN, P.P., kand.med.nauk (Bratsk)

In the land of Siberia. Zdorov'e 4 no.12:6-7 D '58 (MIRA 11:12)
(BRATSK--PUBLIC HEALTH)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKIN, P.P., kand.med.nauk, SAGATOV, R.S., kand.med.nauk

Experience in providing medical and sanitary services for builders in the Golodnaya Steppe. Sov.zdrav. 17 no.9:34-42 S'58 (MIRA 11:8)

1. Iz Instituta organizatsii zdravookhraneniya i istorii meditsiny im. N.A. Semashko i Ministerstva zdravookhraneniya Uzbekskoy SSSR.
(PUBLIC HEALTH
in Russia (Rus))

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKIN, P.P.

"Public health in the Turkmen S.S.R." by M.G. Berdyklychev. Reviewed by P.P. Radkin. Sov.zdrav. 17 no.12:55-56 D '58. (MIRA 12:2)

(TURKMENISTAN--PUBLIC HEALTH)
(BERDYKLYCHEV, M.G.)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKIN, P. P.: Dot Med Sci (diss) -- "Medical-sanitary service on the construction of hydraulic installations". Moscow, 1959. 12 pp (Acad Med Sci USSR), 220 copies (KL, No 13, 1959, 111)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKIN, P.P., kand.med.nauk; BERDENNIKOV, V.A.

Organization of medical and sanitary services at the site of construction of the Bratsk Hydroelectric Power Station. Sov.zdrav. 18 no.8:25-29 '59. (MIRA 12:12)

1. Iz Instituta organizatsii zdravookhraneniya i istorii meditsiny imeni N.A. Semashko i Irkutskogo oblastnogo otdela zdravookhraneniya (zav. - V.A. Berdennikov).
(INDUSTRIAL MEDICINE)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKIN, Pavel Panteleyevich, kand.med.nauk, starshiy nauchnyy sotrudnik; OPPENGEYM, D.G., red.; KUZ'MINA, N.S., tekhn.red.

[Medical and health care on the construction of hydroelectric installations] Mediko-sanitarnoe obsluzhivanie na stroitel'stve gidrosooruzhenii. Moskva, Gos.izd-vo med.lit-ry Medgiz, 1960. 113 p. (MIRA 14:3)

1. Institut organizatsii zdravookhraneniya i istorii meditsiny imeni N.A.Semashko.
(CONSTRUCTION WORKERS--MEDICAL CARE)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RADKIN, P.P., doktor med.nauk (Moskva)

Prospects of medical service for workers in industrial enterprises. (MIRA 15:5)
Sov. zdrav. 21 no.5:17-22 '62.
(MEDICINE, INDUSTRIAL)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

L 14202-66 EWT(m)/EWP(j) RM

ACC NR: AP6002861 SOURCE CODE: UR/0286/65/000/024/0018/0019

INVENTOR: Gitis, S. S.; Aleksandrov, V. N.; Pugacheva, S. A.; Glaz, A. I.; Golubev, G. S.; Rad'ko, L. V.

ORG: none

TITLE: Preparative method for iso- and tere-phthaloyl chlorides. Class 12, No. 176884 [announced by Novomoskovskiy Branch of the State Scientific Research and Design Institute of the Nitrogen Industry and Products of Organic Synthesis (Novomoskovskiy filial gosudarstvennogo nauchno-issledovatel'skogo i proyektnogo institut azotnoy promyshlennosti i produktov organicheskogo sinteza)

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 18-19

TOPIC TAGS: isophthaloyl chloride, terephthaloyl chloride

ABSTRACT: An Author Certificate has been issued for a preparative method for iso- and tere-phthaloyl chlorides. The method involves treatment of methyl m- or p-toluate, respectively, with dry chlorine at 190—200C under UV light, followed by treatment of the chloride product with water. [SM]

SUB CODE: 07/ SUBM DATE: 06Feb65/ ATD PRESS: 4193

UDC: 547.584'582.2.07

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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RAD'KO, Aleksandr Fedorovich; MELIKYAN, Georgiy Melikovich; ORLOVA, V.P., redaktor; PAVLOVA, M.M., tekhnicheskiy redaktor

[Irrigation and water supply for mountain pastures] Obvodnenie i vodosnobzhenie gornykh pastbishch. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 99 p. (MLRA 10:1)
(Pastures and meadows) (Water supply, Rural)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

RAD'KO, A.F., inzhener.

Irrigation system of the Oktemberyan Canal. Gidr.i mel. 8 no.4: 22-27 Ap '56. (MLRA 9:8)

(Armenia--Irrigation)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

GEL'PERIN, N.I.; AYNSHTEYN, V.G.; RAD'KO, A.I.

Controlled proportioning feeder delivering finely divided materials to a fluidized bed. Zhur.VKHO 6 no.5:587-588 '61. (MIRA 14:10)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni M.V.Lomonosova.
(Fluidization—Equipment and supplies)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343

S/125/61/000/009/009/014
D040/D113

AUTHORS: Andreyeva, G.F., Voskan'yan, B.Kh., Yelagin, V.M., Kuznets, I.I., Rad'ko, E.P. (Moscow)

TITLE: Automatic ASG-NITI welders

PERIODICAL: Avtomaticheskaya svarka, 14, no.9, 1961, 51-59

TEXT: Design and operation is described of an АСГ-НИТИ (ASG-NITI) welder developed by the Nauchno-issledovatel'skiy tekhnologicheskiy institut (Scientific Research Institute of Technology) and demonstrated in 1960 at the VDNKh exhibition. It is designed for argon-arc welding large sheet structures of nonmagnetic or low-magnetic metal (aluminum and titanium alloys, stainless steel), with tungsten electrode and with or without filler wire. Its tracing system moves the welding head along the joint with a 0.25 mm accuracy when the joint deviates not more than [illegible] mm per meter from straight line, and maintains the arc length (by voltage), with a voltage control accuracy of 0.25 v. The welder is provided with TV remote controlled, can weld circular seams. Manual control is also provided. The АСГ-2 (ASG-2) welding head, illustrated with a block diagram and a [illegible] photo-

Card 1/3

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Automatic ASG-NITI welders

graph, may be used on any analogous automatic welders. The new tracing principle suggested by T.B.Shcherbanenko and D.A.Mikhaylov, requires no especially prepared line traced parallel to the joint, as required by all other automatic machines with photoelectric tracing systems. The tracing element is an inductive pickup (Fig.3) with two coils on one magnetic circuit. The coils are supplied with alternating current and produce alternating magnetic field that causes eddy currents in metal edges being joined. The article gives detailed engineering information and includes the circuit diagram of the tracing system and four photographs. There are 7 figures.

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Card 2/3

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