"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, Aleksandr Vladimirovich; ALPATOVA, V.V., red.; DZHATIYEVA, F.Kh., tekhn.red.

[Psychology; textbook for preschool pedagogical schools] Psikhologiia; uchebnik dlia doshkol'nykh pedagogicheskikh uchilishch. Moskva, Gos.uchebno-pedagog.izd-vo M-va prosv.RSFSR, 1959. 223 p. (MIRA 13:7)

(Child study)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, Aleksandr Vladimirovich; DAVYDOV, V.V., red.; NOVOSELOVA, V.V., tekhn.red.

[Development of voluntary movements] Razvitie proizvol"nykh dvizhenii. Moskva, Izd-vo Akad.pedagog.nauk RSFSR, 1960. 427 p. (MIRA 13:5)

(Movement, Psychology of)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, G.I.; SHESTAKOV, A.A., red.; MEDVEDEVA, M.A., tekhn.red.

[Methodological handbook for solving problems on mathematical analysis] Metodicheskoe rukovodstvo k resheniiu zadach po matematicheskomu analizu. Moskva, Vses.zaochnyi in-t inzhenerov zhel-dor.transporta. Pt.1. 1959. 202 p. (MIRA 13:5)
(Mathematical analysis)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, I.D., dotsent, kand. tekhn. nauk; KIND, V.V., kand. tekhn. nauk

Speed of heat evolution depending on the hardening temperature of concrete. Izv. VNIIG 76:89-94 '64. (MIRA 18:10)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, I.D., dotsent, kand. tekhn.nauk

Characteristic values of the process of cement heat evolution. (MIRA 18:10)
Izv. VNIIG 76:95-108 '64.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZUBOVICH, S.I.; ZAPOROZHETS, I.D., red.; ZHITNIKOVA, O.S., tekhn.red.

[Using vacuum techniques in treating concrete to be used in constructing hydroelectric power stations] Vakuumirovanie betona pri vozvedenii sooruzhenii GES. Moskva, Gos.energ.izd-vo, 1959. 166 p. (MIRA 13:3)

(Vacuum apparatus) (Hydroelectric power stations)
(Concrete construction)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

14(6) SOV/112-59-5-8757

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 5, p 48 (USSR)

AUTHOR: Okorokov, S. D., Zaporozhets, L. D., and Pariyskiy, A. A.

TITLE: Methods for Selecting Materials and Planning Concrete Compositions for Large Hydraulic Structures

PERIODICAL: Nauchno-tekhn. inform. byul. Leningr. politekhn. in-t, 1958, Nr 1-2, pp 17-25

ABSTRACT: Experience of the Chair of Construction Materials, Leningrad Polytechnic Institute, as well as methods and sequence of operations are set forth: (1) breaking up the concrete structure into zones and selecting concrete grades for them; (2) careful analysis of ground and surface waters for aggressiveness; (3) selecting cement grades, and sometimes planning their composition; (4) exploring and choosing the borrow pits with due consideration of all engineering and economic factors; (5) finding the source of desirable coarse aggregate; (6) determining cement requirements and the W/C ratio.

M.K.B.

Card 1/1

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, I.G., inzh. (g.Dnepropetrovsk)

Improving the rail welding method. Put' i put.khoz. 6 no.2:30 '62. (MIRA 15:2)

(Railroads--Rails--Welding)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, I.G., inzh.

Need for defectoscope operators. Put' i put. khoz. 8 no.5:40 My '64. (MIRA 17:6)

1. Puteobsledovatel'skaya stantsiya No.4, Dnepropetrovsk.

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, L., inzh.

Improve the installation of engineering networks. Zhil. stroi. no.5:19-21 '62. (MIRA 15:6)

(Domestic engineering)
(Underground construction)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ACCESSION NR: [illegible] 679.0.375

[illegible]

ASSOCIATION: none

Card 1/1

NO REF SOV: 000

OTHER: 000

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, Lev Nikolayevich; SAAK'YAN, Yu.A., red.

[Comprehensive mechanization of work; block construction of residential areas] Kompleksnaia mekhanizatsiia rabot; kvartal'naia zastroika zhilykh massivov. Rostov-na-Donu, Rostovskoe knizhnoe izd-vo, 1961. 38 p.
(MIRA 17:8)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, L.N.

Demonstration building of an industrial structure. Prom. stroi. 37 no.11:48 N '59. (MIRA 13:2)

1.Upravlyayushchiy trestom No.10 Glavrostovstroya.
(Precast concrete construction)
(Azov--Foundries)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPORODZHETS, M.

Works and plans of the residents of Kharkov. Prof.-tekh. obr. 15 no.4:26 Ap '58. (MIRA 11:5)

1. Predsedatel' trenerskogo soveta Khar'kovskogo oblastnogo soveta dobrovol'nogo sportivnogo obshchestva "Trudovyye rezervy."
(Kharkov Province--Sports)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, H.

Murmanskii put' i 10-letie Oktiabria. [The Murmansk route and the tenth anniversary of the October revolution]. (Karelo-Murmanskii kraii, 1927, no. 10-11, p. 32-33).
DLC: DK511.K32 Slav.

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, N.

Zaporozhets, N. "Biology of the floroscence of the lyallomantsiya," Sbornik nauch. rabot studentov (Rost. n/D gos. un-t i. Molovtova) Issue 1, 1949, p. 84-87

SO: U-3566, 15 March (Letopis 'Zhurnal 'nykh Statey, No. 14, 1949).

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

NEFEDOV, P.P., kand. tekhn. nauk; ZAPOROZHETS, N.N., inzh.; KORBUT, A.A., inzh.; LOPUKHOV, A.Ye., inzh.

Present-day method of solving the problem of the distribution of masses of earth. Transp. stroi. 14 no.4:41-43 Ap '64.

(MIRA 17:9)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ROSTEMBERSKIY, A.V.; SOLDATKIN, A.I.; ZAPOROZHETS, N.P.

Use of chalk lime for the intensification of the sintering process. Metallurg 8 no.8:5-6 Ag '63. (MIRA 16:10)

1. Donetskiy filial Ukrainskogo nauchno-issledovatel'skogo instituta metallov i Yenakiyevskiy metallurgicheskiy zavod.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

BELEVTSOV, G.A.; KRASAVTSEV, N.I.; MISHCHENKO, N.M.; SOLDATKIN, A.I.; SHARKEVICH, L.D.; Prinimali uchastiye: FROLOV, S.Ya.; SHESTOPALOV, I.I.; PECHNIKOVA, Z.A.; STOLBUNSKIY, L.Z.; USOV, V.T.; GLOTOV, P.L.; VOLKOVA, A.Ya.; ALDOKHINA, V.P.; VOLOSHIN, Yu.T.; SHUMAKOV, I.S.; ZAPOROZHETS, N.P.; SHAPOSHNIKOV, V.P.; GONCHAROVA, M.Ya.

Investigation of blast furnace smelting using natural gas. Stal' 22 no.6:483-486 Je '62. (MIRA 16:7)

(Blast furnaces—Equipment and supplies)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ROSTEMBERSKIY, A.V.; KANFER, V.D.; SOLDATKIN, A.I., kand.tekhn.nauk; KUMANI, B.G.; CHERNOV, G.I.; LOZNEVOY, V.S.; ZAPOROZHETS, N.P.

Increasing the productivity of sintering plants and improving the quality of the sinter. Met. i gornorud. prom. no. 2:20-22 Mr-Ap '64. (MIRA 17:9)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

BELEVTSEV, G.A.; GAVRILENKO, N.G.; GRINENKO, I.M.; KOROSTIK, P.O.; KOTEL'NIKOV, I.V.; KRASAVTSEV, N.I., kand. tekhn. nauk; MISHCHENKO, N.M.; POPOV, N.N., kand. tekhn. nauk; SEMIK, I.P., kand. tekhn. nauk; TOTSKIY, G.P., kand. tekhn. nauk; SHESTOPALOV, I.I.; Prinimali uchastiye: SOLDATKIN, A.I.; SOLOMKO, V.P.; SOLOMATIN, A.M.; BOLOTSKIY, D.V.; ZAPOROZHETS, N.P.; BESSCHASTNYY, A.Ye.; SHVETS, N.Kh.; LIKHUNIN, S.D.; SHUMSKIY, L.B.; VAS'KOVICH, N.A.; YEROKHINA, A.I.; GELYUKH, B.A.

Desulfuration of pig iron in a fast-revolving and continuous drum. Met. i gornorud. prom. no.4:3-5 Jl-Ag '65. (MIRA 18:10)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

SIDOROV, N.Ye.; LYSENKO, I.S.; ANTONOV, V.K.; ZAPOROZHETS, N.P.

Use of preheated and oxygen-enriched air in the sintering of iron ores. Trudy Ukr. nauch.-issl. inst. met. no.6:34-44 '60. (MIRA 14:3)

(Sintering)(Oxygen—Industrial applications)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

S/137/61/000/010/004/056
A006/A101

AUTHORS: Sidorov, N. Ye., Lysenko, I. S., Antonov, V. K., Zaporozhets, N. P.

TITLE: On the use of heated and oxygen-enriched air during the sintering of iron ores

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 10, 1961, 12, abstract 10V85. ("Sb. tr. Ukr. n.-i. in-t metallov", 1960, no. 6, 34 - 44)

TEXT: Laboratory sintering was performed with a 225 mm high charge layer, 2.5 - 4.5% C and 1.0 basicity. When sintering Krivoy Rog ores, an increase of the air temperature up to 100 and 300°C, entailed a reduction of specific fuel consumption by 12.5 and 25.0% and raised the output from 73.4 to 85.5% (+ 10 mm fraction). When sintering Kerch ores air heating up to 200 - 250°C raised the degree of As volatility from 20 and 13% to 30.7 and 26.9%. The use of air, heated to 160 - 175°C by gas combustion over a charge layer during 25% of the whole sintering time, raised the efficiency by 3.5%, the output from 76.3 to 80.4%, although O_2 was reduced from 20 to 18.3% in the infiltrated air. Air heating over vacuum-chambers 3 - 5 should proceed as follows: a) by gas combustion (Q 1,400 kcal/m^3) at its consumption of 13 m^3/t of sinter and about 200°C air temperature, making it

Card 1/2

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

On the use of heated and... S/137/61/000/010/004/056
A006/A101

possible to save up to 20% fuel or b) by the mounting of an additional ventilator and cooling of the sinter over vacuum chambers 12 - 13, thus facilitating the exhauster operation. Enrichment of the air with O_2 from 20.0 to 22.9% increased the sintering speed from 35.3 to 29.2 mm/min at an unchanged strength of the sinter. Simultaneous air heating to 150 - 200°C and increasing of O_2 to 22.9% raised the sintering speed to 40.9 mm/min at a reduction of the fuel consumption from 4.0 to 3.0%. Enrichment of the air with O_2 at the moment of ignition of the charge, from 20.0 to 30.7%, increased the output of the sinter from 78.8 to 85.2%.

G. Sokolov

[Abstracter's note: Complete translation]

Card 2/2

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

BOCHAROV, V.G., mladshiy nauchnyy sotrudnik; ZAPOROZHETS, N.Ya., laborant

New method for determining dye concentration on fabrics by the reflection spectra. Tekst. prom. 23 no.10:23-26 O '63. (MIRA 17:1)

1. Nauchno-issledovatel'skiy institut organicheskikh poluproduktov i krasiteley (for Bocharov). 2. Koloristicheskaya laboratoriya Nauchno-issledovatel'skogo instituta organicheskikh poluproduktov i krasiteley (for Zaporozhets).

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

L 06446-67 EWT(m)/EWP(t)/ETI/EWP(k) IJP(c) JD/HW/JG

ACC NR: AP6026728 SOURCE CODE: UR/0181/66/008/008/2513/2514

AUTHOR: Polotskiy, I. G.; Prokopenko, G. I.; Zaporozhets, O. I.

ORG: Institute of Metal Physics, AN UkrSSR, Kiev (Institut metallofiziki AN UkrSSR)

TITLE: Relaxation peaks of damping in plastically deformed molybdenum and niobium single crystals

SOURCE: Fizika tverdogo tela, v. 8, no. 8, 1966, 2513-2514

TOPIC TAGS: molybdenum, niobium, ultrasound, acoustic damping, plastic deformation

ABSTRACT: The temperature dependence of damping of ultrasound in previously deformed and annealed molybdenum and niobium single crystals in the 5-30 Mc frequency range was studied (see Fig. 1 and 2) and the activation energy of the relaxation peaks was determined. The fact that the temperature of the damping peak shifts toward higher temperatures with rising frequency indicates the relaxational nature of the peak. The temperature of the relaxation peak at 5, 10 and 30 Mc is respectively 173, 183 and 203 °K in deformed molybdenum and 253, 269 and 298 °K in deformed niobium. Heating at 1100 °C for 6 hr in the case of Mo and 4 hr with furnace cooling in the case of Nb caused the damping peak to disappear. The activation energy is 0.19 eV for Mo and 0.27 eV for Nb. The frequency factor is respectively 10^{12} and 5.6×10^{11} sec^{-1}. Orig. art. has: 2 figures.

Card 1/2

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

L 06446-67

ACC NR: AP6026728

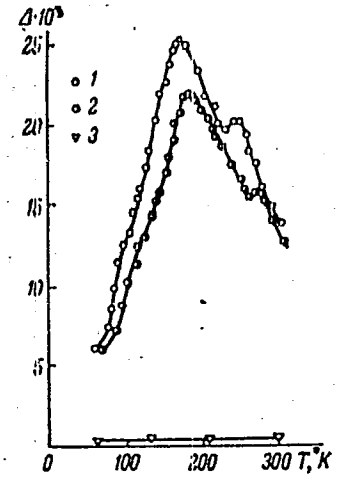

Fig. 1. Temperature dependence of damping of ultrasound in deformed and annealed molybdenum single crystal. 1 - 5 Mc, 2 - 10 Mc, 3 - annealing for 6 hr at 1100°C.

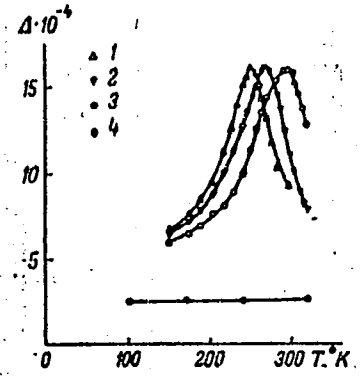

Fig. 2. Temperature dependence of damping of ultrasound in deformed and annealed niobium single crystal. 1 - 5 Mc, 2 - 10 Mc, 3 - 30 Mc, 4 - annealing for 4 hr at 1100°C.

SUB CODE: 20/ SUBM DATE: 27Jan66/ OTH REF: 005

Card 2/2

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, O.V. [Zaporozhets', O.V.]

Conscious regulation of human movements. Nauk. zap. Nauk.-dosl. inst. psykhol. 11:212-217 '59. (MIRA 13:11)

1. Institut psikhologii APN RSFSR i Kafedra psikhologii Moskovskogo gosudarstvennogo universiteta im.M.V.Lomonosova.
(Movement, Psychology of) (Orientation)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, P., inshener.

Experience in installing ship propeller shafts. Mor.i rech.flot 14 no.2:18-22 F '54. (MLRA 7:1)

(Ship propulsion)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, P.M., inzhener-mekhanik.

About the book "Modern methods of ship shafting" by D.L. Garmashev, F.A. Kudriavtseva, A.P. Markova. Reviewed by P.M. Zaporozhets. Rech. transp. 15 no.10:32- p 3 of cover O '56. (MIRA 10:2)

(Shafts and shafting)
(Garmashev, D.L.)
(Kudriavtseva, F.A.)
(Markova, A.P.)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, P.M.

ZAPOROZHETS, P.M., inzhener-mekhanik.

About the book "Modern methods of ship shafting" by D.L. Garmashev, F.A. Kudriavtseva, A.P. Markova. Reviewed by P.M. Zaporozhets. Rech. transp. 15 no.10:32- p 3 of cover O '56. (MIRA 10:2)

(Shafts and shafting)
(Garmashev, D.L.)
(Kudriavtseva, F.A.)
(Markova, A.P.)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, S.

Growth of capacity in a combine. Mias. ind. SSSR 29 no.1:21-23 '58. (MIRA 11:3)

1. Glavnyy inzhener Frunzenskogo myasokombinata.
(Frunze--Packing houses--Equipment and supplies)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, T.R., kand. ekonom. nauk

The role of mechanization in raising labor productivity in the Main Administration for Housing and Public Construction in the city of Rostov-on-Don. [Trudy] RISI no.17:67-71 '60.
(MIRA 15:6)

(Rostov-on-Don--Construction equipment)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, V.

"Field geophysics" by S.S. Itenberg. Reviewed by V.Zaporozhets. Geol. neftti i gaza 7 no.3:61-62 Mr '63. (MIRA 16:4)

(Prospecting—Geophysical methods)
(Itenberg, S.S.)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, V.F.; NEVSKIY, A.M.

First republic conference of the Kazakh section of the Psychological Society. Vop. psikhol. 5 no.3:185-186 My-Je '59.
(MIRA 12:9)

(Psychology--Congresses)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

CHUDAKOV, Ye.A., akademik, glavnyy redaktor; AKOPOV, S.A., redaktor; ARTOBOLEVSKIY, I.I., redaktor; ACHERKAN, N.S., redaktor; BEZPROZVANNYY, I.M., redaktor; GUDTSOV, N.T., redaktor; DIKUSHIN, V.I., redaktor; YEFREMOV, A.I., redaktor; ZAPOROZHETS, V.K., redaktor; ZIMIN, A.I., redaktor; KAZAKOV, N.S., redaktor; KIRPICHEV, M.V., redaktor; KOVAN, V.M., redaktor; KONYUSHAYA, Yu.P., redaktor; LIPGART, A.A., redaktor; MALYSHEV, V.A., redaktor; MARTENS, L.K., redaktor; MARIYENBAKH, L.M., redaktor; NIKOLAYEV, G.A., redaktor; ODING, I.A., redaktor; PATON, Ye.O., redaktor; RAMZIN, L.K., redaktor; RUBTSOV, N.N., redaktor; SAVERIN, M.A., redaktor; SEMENCHENKO, I.I., redaktor; SERENSEN, S.V., redaktor; SHAMNI, N.A., redaktor; SHELEST, A.N., redaktor; SHUKHGAL'TER, L.Ya., zamestitel' glavnogo redaktora, redaktor; YAKOVLEV, A.S., redaktor.

[Machine construction encyclopedic handbook] Mahinostroenie; entsiklopedicheskii spravochnik. Part 1. [Engineering calculations in machine construction] Inzhenernye raschety v mashinostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, Vol. 1. no.1. 1947. 548 p.
(Mechanical engineering) (MLRA 8:1)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, V.M.

Rotation of value in applied geophysics. Prikl. geofiz. no.27:236-244 '60. (MIRA 13:12)

(Prospecting--Geophysical methods)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, V.M.

107

PHASE I BOOK EXPLOITATION SOV/5592

Vsesoyuznoye soveshchaniye po vnedreniyu radioaktivnykh izotopov i yadernykh izlucheniy v narodnom khozyaystve SSSR. Riga, 1960.

Radioaktivnyye izotopy i yadernyye izlucheniya v narodnom khozyaystve SSSR; trudy Vsesoyuznogo soveshchaniya 12 - 16 aprelya 1960 g. g. Riga, v 4 tomakh. t. 4: Poiski, razvedka i razrabotka poleznykh iskopayemykh (Radioactive Isotopes and Nuclear Radiation in the National Economy of the USSR; Transactions on the Symposium Held in Riga, April 12 - 16, 1960, in 4 volumes. v. 4: Prospecting, Surveying, and Mining of Mineral Deposits) Moscow, Gostoptekhizdat, 1961. 284 p. 3,640 copies printed.

Sponsoring Agency: Gosudarstvennyy nauchno-tekhnicheskiy komitet Soveta Ministrov SSSR. Gosudarstvennyy komitet Soveta Ministrov SSSR po ispol'zovaniyu atomnoy energii

Eds. (Title page): N. A. Petrov, L. I. Petrenko, and P. S. Savitskiy; ed. of this volume: M. A. Speranskiy; Scientific ed.: M. A. Speranskiy; Executive Eds.: N. N. Kuz'mina and A. G. Ionel';

Card 1/11

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

102

Radioactive Isotopes and Nuclear (Cont.) SOV/5592

Tech. Ed.: A. S. Polosina.

PURPOSE : The book is intended for engineers and technicians dealing with the problems involved in the application of radioactive isotopes and nuclear radiation.

COVERAGE: This collection of 39 articles is Vol. 4 of the Transactions of the All-Union Conference of the Introduction of Radioactive Isotopes and Nuclear Reactions in the National Economy of the USSR. The Conference was called by the Gosudarstvennyy nauchno-tekhnicheskiy komitet Sovet Ministrov SSSR (State Scientific-Technical Committee of the Council of Ministers of the USSR), Academy of Sciences USSR, Gosplan SSSR (State Planning Committee of the Council of Ministers of the USSR), Gosudarstvennyy komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroyeniyu (State Committee of the Council of Ministers of the USSR for Automation and Machine Building), and the Council of Ministers of the Latvian SSR. The reports summarized in this publication deal with the advantages, prospects, and

Card 2/11

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

development of radioactive methods used in prospecting, surveying, and mining of ores. Individual reports present the results of the latest scientific research on the development and improvement of the theory, methodology, and technology of radiometric investigations. Application of radioactive methods in the field of engineering geology, hydrology, and the control of ore enrichment processes is analyzed. No personalities are mentioned. There are no references.

TABLE OF CONTENTS:

Alekseyev, F. A. Present State and Future Prospects of Applying the Methods of Nuclear Geophysics in Prospecting, Surveying, and Mining of Minerals 5

Bulashevich, Yu. P., G. M. Voskoboynikov, and L. V. Muzyukin. Neutron and Gamma-Ray Logging at Ore and Coal Deposits 19

Gordeyev, Yu. I., A. A. Mukher, and D. M. Srebrodol'skiy. The

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

Present State of Radiometric Methods and Their Efficiency in Studying Geological Sections of Petroleum, Gas, Ore, and Coal Boreholes 30

Sperankiy, M. A. Application of Radioactive Methods in the Exploration and Prospecting of Coal Deposits 34

Zaporozhets, V. M., and B. I. Rogov. Radiometric Equipment for the Investigation of Boreholes 40

Mikheyev, G. F., and N. G. Feytel'man. Economic Effect of the Application of Radiometric Methods in Prospecting, Surveying, and Exploitation of Oil and Gas Deposits 47

Alekseyev, F. A., D. F. Bespalov, B. M. Burov, B. G. Yerozolimskiy, N. V. Popov, Yu. S. Shimelevich, and A. S. Shkol'nikov. Pulse-Type Neutron Method for Investigating the Geological Sections of Boreholes 55

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

Flerov, G. N., B. G. Yerozolimskiy, D. F. Bespalov, L. R. Voytsik, D. I. Leypunskaya, A. T. Lopovok, and Yu. S. Shimelevich. New Small-Size Sources of Neutrons 62

Zaporozhets, V. M., S. A. Kantor, A. I. Kedrov, and V. V. Sulin. Basic Problems of the Theory and Methodology of Radioactive Methods of Borehole Investigation Using the Charged-Particle Accelerators 68

Korzhev, A. A. Investigation of Boreholes by Methods Based on the Use of Radioactive Isotopes 80

Guberman, Sh. A., V. V. Larionov, and A. I. Kholin. Possibilities of Evaluating the Porosity of Rocks on the Basis of Data Obtained by Radiometry of Boreholes 86

Kukharenko, N. K., Ya. N. Basin, and N. V. Polukhina. Problem of Devising an Industrial Method for the Determination of Bed Porosity According to the Data of Neutron Gamma Logging 95

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, V.M.; SULIN, V.V.

First results of the use of a well neutron generator in radioactive logging. Prikl. geofiz. no.28:116-129 '60. (MIRA 14:3)
(Oil well logging, Radiation)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, V.M.

14(5) PHASE I BOOK EXPLOITATION SOV/2820

Vsesoyuznyy nauchno-issledovatel'skiy institut geofizicheskikh metodov razvedki

Razvedochnaya i promyslovaya geofizika, vyp. 26 (Exploration and Industrial Geophysics, Nr 26) Moscow, Gostoptekhizdat, 1958. 67 p. (Series: Otrasl proizvodstvennya opytom) 4,000 copies printed.

Ed.: M.K. Polshkov; Exec. Ed.: Ye.G. Pershina; Tech. Ed.: A.S. Polosina.

PURPOSE: This booklet is intended for exploration geophysicists and geologists.

COVERAGE: This collection of articles includes discussions of improvements in seismic exploration techniques and interpretations of data obtained by the refracted and reflected waves method of seismic exploration. Individual articles discuss: the construction of gravimetric maps, improvements in industrial borehole equipment, the standardization of radioactive electrologging equipment, and methods for computing labor productivity in geophysical operations. A nomogram to facilitate the interpretation of data and conditions when using gamma logging of boreholes is described. References accompany each article.

Card 1/3

Yurov, Yu.G., and S.F. Yartsev. Marine Seismic Exploration 21

Urupov, A.K., and Ye.M. Chernenyth. Seismic Soundings in Determining the Velocities of Elastic Waves 25

Tal'-Virskiy, B.B. Method of Plotting Refracting Horizons in the Presence of a Mean Velocity Gradient of Arbitrary Direction 34

Sazhina, N.B. An Example of a Rational Selection of an Isoanomaly Cross-Section for Gravimetric Maps 40

Shvank, O.A. Accuracy of an Approximative Evaluation of Elevation Differences Based on a Formula of the Gravity Effect of an Infinite Bed 44

Card 2/3

Zaporozhets, V.M., and V.V. Sulin. Differential Spectra of γ Radiation from Cylindrical Radiators 49

Sulin, V.V. Standardization of Equipment for Radioactive Logging 54

Zel'tzman, P.A. Newly Designed Parts for Borehole Equipment 70

Buryakovskiy, L.A. Nomogram for Determining the Specific Resistivity of Formation Water 74

Vishchenko, N.V. On the Problem of Developing Methods for Computing Labor Productivity in Geophysical Operations 77

AVAILABLE: Library of Congress

Card 3/3 12-31-59

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

2 APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

3(5,6) PHASE I BOOK EXPLOITATION SOV/2899

Vsesoyuznyy nauchno-issledovatel'skiy institut geofizicheskikh metodov razvedki

Prikladnaya geofizika; sbornik statey, vyp. 23 (Applied Geophysics; Collection of Articles, No.23) Moscow, Gostoptekhizdat, 1959. 242 p. 3,500 copies printed.

Ed.: M.K. Polakhov; Exec. Ed.: N.N. Kuz'mina; Tech. Ed.: A. S. Polosina.

PURPOSE: This book is intended for scientific, engineering, and technical personnel of industrial geophysical exploration services.

COVERAGE: This is a collection of 14 articles by various authors on aspects of geophysical exploration. The material treated in the articles may be divided into four categories: the physical properties of rocks in specific geological regions, methods and techniques used in industrial geophysical exploration, concepts in the theory of electrical exploration, and the economics involved in geophysical operations. Specifically, the authors discuss the geologic structures of the central parts of the Russian Platform, southeastern Turkmenia, the West Siberian Plains, the eastern part of the Siberian Platform, and the Minusinsk basins; electrical frequency sounding, neutron logging, gamma spectrometry techniques, and the standard equipment and installations of the geophysical services of the petroleum industry in the USSR. References accompany each article.

Nikolayevskiy, A.A. Density Characteristics of the Geological Profile of the Eastern Part of the Siberian Platform 112

Galaktionov, A.B. Density of Sedimentary Beds of Ustyurt 127

Tarkov, A.F. Nature of the Anomalous Gravitational Field of the Minusinsk Basins 136

Tsvakin, A.Ya. Methods of Solving Problems in Neutron Logging 141

Kantor, S.A. The Effect of the Diameter of a Borehole on Instrument Readings in Neutron-Neutron Logging 174

Nedostup, G.A., F.N. Prokof'yev, A.I. Kholin, and A.F. Tsitovich. Use of Differential Gamma-Spectrometry in Petroleum Geology 193

Voskobornik, N.I. The Speed of Electrical Logging in Combined Measurements With an Arbitrary Division of Channels 202

Polyakov, Ye. A. An Equivalent Electrical Schematic for an Electrode 217

Abb, E.A., V.M. Zaporozhets, N.I. Plotnikov, and L.A. Khutsishvili. Some Problems in the Design of a Borehole Neutron Generator 226

Kozlov, F.T. Basic Assets of the Geophysical Services in the Petroleum Industry of the USSR 233

AVAILABLE: Library of Congress

Card 4/4 KK/bg 12-21-59

16

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, V.M.

ZAPOROZHETS, V.M.; SULIN, V.V.

Method for standardizing gamma logging and neutron gamma logging curves. Razved.i prom.geofiz.no.17:73-79 '57. (MIRA 10:12)
(Gamma rays--Industrial applications) (Oil well logging, Radiation)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, V. M.

ZAPOROZHETS, V. M.

"Nuclear Physics in the Foreign Petroleum Industry Used in the Development of Oil Bearing Deposits," Utilization of Radioactive Isotopes & Emanations in the Petroleum Industry (Symposium), Min. Petroleum Industry USSR, 1957.

Results of the Joint Session of the Technical Council of Min. of the Petroleum Industry USSR and Soviet Sci. and Technical Association, Moscow 14-19 Mar 1956.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, V. M.

ZAPOROZHETS, V. M.

"Utilization of Radioactive Isotopes in the Control of the Hydraulic Fracturing of Productive Formations," Utilization of Radioactive Isotopes & Emanations in the Petroleum Industry (Symposium), Min. Petroluem Industy USSR, 1957.

Results of the Joint Session of the Technical Council of Min. of the Petroleum Industry USSR and Soviet Sci. and Technical Association, Moscow 14-19 Mar 1956.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, V.M.; FILIPPOV, Ye.M.

Use of particle accelerators in radioactive well logging. Prikl. geofiz. no.20:234-258 '58. (MIRA 11:11)
(Oil well logging, radiation)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

24 ZAPOROZHETS, V. M. and KOMAROV, S. G.

"Principal Objectives of the Radioactive Survey Method," Utilization of Radioactive Isotopes & Emanations in the Petroleum Industry, (Symposium), Min. Petroleum Industry USSR, 1957.

Results of the Joint Session of the Technical Council of Min. of the Petroleum Industry USSR and Soviet Sci, and Technical Association, Moscow 14-19 Mar 1956.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

PASHCHENKO, N.A.; SMUL'SKAYA, T.K.; MURONETS, I.I., red.; ZAPOROZHETS, V.M., red.; ROZANOVA, N.A., red.; TUMANKINA, N.A., tekhn.red.

[Concise Czech-Russian geophysical dictionary] Kratkii cheshsko-russkii geofizicheskii slovar'. Sost.N.A.Pashchenko, T.K.Smul'skaia. Moskva, Glav.red.inostr.nauchno-tekhn.slovarei Fizmatgiza, 1960. 248 p. (MIRA 13:11)

(Geophysics--Dictionaries)
(Czech language--Dictionaries--Russian)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, V. M.

With Filippov, Ye. M. "Application of Charged Particle Accelerators in Borehole Surveying by Radioactive Logging."

p. 234 in book Applied Geophysics; Collection of Articles, No. [illegible], Moscow Gosteptekhizdat, 1955, [illegible]

These articles are concerned with the methodology of interpreting the results of gravimetric, seismic and electrical surveys. Review the collecting properties of rocks on the basis of data obtained from resistometers and the application of charged particle accelerators in well logging.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

KOMAROV, Sergey Grigor'yevich; ZAPOROZHETS, V.M., kandidat tekhnicheskikh nauk, retsenzent; VYBORNYKH, S.F., inzhener, retsenzent; POMERANTS, L.I., inzhener, retsenzent; PERSHINA, Ye.G., veduashchiy redaktor; POLOSINA, A.S., tekhnicheskiy redaktor

[Technology of industrial geophysics] Tekhnika promyslovoi geofiziki. Izd. 2-oe, perer. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1957. 562 p. (MIRA 10:1)
(Geophysics) (Prospecting--Geophysical methods)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, V.M., kandidat tekhnicheskikh nauk; TEMKIN, A.Ya.

Using charged particle accelerators in investigating oil wells. Priroda 46 no.1:79-81 Ja '57. (MLRA 10:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut geofizicheskikh methodov razvedki Ministerstva neftyanoy promyshlennosti SSSR, Moskva (for Temkin).
(Petroleum research)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, V.M., kandidat tekhnicheskikh nauk.

Radioactive prospecting of petroleum. Nauka i zhizn' 23 no.9:13-16 S '56. (MLRA 9:10)
(Radioisotopes--Industrial applications) (Oil well logging, Radiation)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHETS, V.M.; SULIN, V.V.

Some results obtained in well exploration using radioactive logging apparatus with scintillation counters. Razved.i prom. geofiz. no.29:78-82 '59. (MIRA 13:1)
(Oil well logging, Radiation)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ABE, E.A.; ZAPOROZHETS, V.M.; PLOTNIKOV, R.I.; KHUTSISHVILI, L.A.

Some problems in the construction of neutron generators for well logging. Prikl. geofiz. no.23:226-233 '59. (MIRA 13:1)
(Logging (Geology))

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

KOSTETSKIY, B.I. [Kostets'kyi, B.I.]; Zaporozhets, V.V. [Zaporozhets', V.V.]

Use of slow translocations in studying the regularities of external friction. Dop. AN URSR no. 12:1582-1584 '64. (MIRA 18:1)

1. Institut Grazhdanskogo vozdushnogo flota. Predstavleno akademikom AN UkrSSR K.K.Khrenovym [Khrienov, K.K.].

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

BALABAYEV, G.M., inzh.; DZHEVAGA, I.I., kand. tekhn. nauk; ZHURAVLEV, Yu.A., inzh.; ZAPOROZHETS, Ye.A., inzh.

Automatic welding under flux of shaft liners. Sudostroenie 30 no.10:45-47 O '64. (MIRA 17:12)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHSKAYA, A.K.

Experience in organizing proper feeding of school age children. A.N. Umanskii, I.A. Startseva, V.A. Shvaiko, G.N. Pretsko, A.K. Zaporozhskaia, M.L. Moshei. Vop. pit. 12 no. 1:85 Ja-F '53.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

BOTVINKIN, Oleg Konstantinovich, doktor khim. nauk, prof.;
ZAPOROZHSKIY, Aleksey Ivanovich, kand. tekhn. nauk

[Quartz glass] Kvartsevoe steklo. Moskva, Stroiizdat, 1965.
258 p. (MIRA 18:8)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

VLASENKO, V.; ZAPOROZHSKIY, V.

Leonid Miakishev's brigade. Avt.transp. 38 no.8: 4-5 Ag '60. (MIRA 13:8)
(Alma-Ata--Transportation, Automotive)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

NOSKOV, Aleksandr Alekseyevich; ZAPOROZHSKIY, V., red.

[Forty years of Kazakhstan communications] Sviaz' Kazakhstana za 40 let. Alma-Ata, Ob-vo po rasprostraneniiu polit. i nauchn. znanii Kazakhskoi SSR, 1960. 40 p. (MIRA 15:4)

(Kazakhstan—Communication and traffic)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHTSEV, A. V.

Zaporozhtsev, A. V. "Improving the fine-wolled sheep on the kolkhozes of the Zimovnik state pedigreed animal farm, Rostov Oblast." Stavropol Agricultural Inst. All-Union Sci Res Inst of Sheep and Goat Raising. Stavropol, 1956. (Dissertation for the Degree of Candidate in Agricultural Science)

So: Knizhnaya letopis', No. 27, 1956. Moscow, Pages 94-109; 111.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHTSEV, A. V.

Zaporozhtsev, A. V. - "The development of Merino lambs fromsingle and double births", Sbornik nauch. rabot (Vsesoyuz. nauch.-issled. in-t ovtsevodstva), Issue 16, 1948, p. 71-78, - Bibliog: 5 items.

So: U-3042, 11 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 7, 1949).

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHTSEV, G.

Raise the standards for passenger traffic. Zhel.dor.transp.36 no.5:39-43 My '55. (MIRA 12:5)

1. Nachal'nik Glavnogo passazhirskogo upravleniya Ministerstva putey sooobshcheniya.
(Railroads--Passenger traffic)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHTSEV, G.

8G45

USSR/Railways - Maintenance 4602.0104 Sep 1947

"Higher Quality Passenger Transportation," G. Zaporozhtsev, General-director of Traffic 3d Class, 7 pp

"Zh-d Transport" No 9

Data on volume of traffic, extent of war damage, progress in reconstruction, plans for improving passenger service, rolling stock, and steps to be taken for improving service and speeding up of trains. Reference to Diesel trains put into operation on named lines and new disinfecting method operated on vacuum principle suggested in order to save time.

8G45

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHTSEV, G.P.; PAVLOV, S., redaktor; YUDZON, D.M., tekhnicheskiy redaktor

[Good services for passengers] Za kul'turnoe obsluzhivanie passazhirov. Moskva, Gos.transp.zhel-dor.izd-vo, 1951. 76 p. (Railroads--Station service) (MLRA 8:10)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHTSEV, G.

For better quality passenger transportation. Zhel.dor.transp. no.9:21-27 S'47. (MLRA 8:12)

1. General-direktor dvizheniya 3-go ranga
(Railroads--Passenger traffic)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHTSEV, Grigoriy Petrovich; YAKUSHIN, Semen Ivanovich; DLUGACH, B.A., redaktor; BOBROVA, Ye.N., tekhnicheskiy redaktor

[New railroad stations] Novye zheleznodorozhnye vokzaly. Moskva, Gos.transp.zhel-dor. izd-vo, 1957. 461 p. (MIRA 10:7)
(Railroads--Stations)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHTSEV, M.

AUTHOR: Zaporozhtsev, M., President of the Training Council of the Khar'kov Oblast' Council of DSO "Labor Reserves" 27-4-19/25

TITLE: Achievements and Plans of the Men of Khar'kov. (Dela i plany Khar'kovchan)

PERIODICAL: Professional'no-Tekhnicheskoye Obrazovaniye, 1958, # 4, p 26 (USSR)

ABSTRACT: At a late meeting of the Khar'kov Regional DSO "Labor Reserves", the director of the industrial technical school, T. Voynik, reported on labor reserve progress. Last year the school's reserves did 350,000 rubles worth of building. For this year it was decided to produce 900,000 rubles worth of work.

ASSOCIATION: Trenerskiy sovet Khar'kovskogo oblastnogo soveta DSO "Trudovyye rezervy" (Training Council of Khar'kov Oblast Council, DSO "Trudovyye Rezervy")

AVAILABLE: Library of Congress

Card 1/1

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

AUTHORS: Zaporozhets, V. M. and Sulin, V. V. S/19/63/000002/126/127
D263/D307

TITLE: Possibility of the application of particle accelerators in petroleum and ore geophysics

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 2, 1963, 39, abstract 2D230 (In collection: Elektron. uskoriteli, Tomsk. Tomskiy un-t, 1961, 319-327)

TEXT: The authors discuss the shortcomings and limitations of the existing methods of radioactive logging and the regions of possible application of neutron generators with impulse and stationary radiation, and γ-generators, and also possibilities of the application of portable laboratory radiation generators. A description is given of a depth instrument for the radioactive logging with a continuous action neutron generator СГН-1 (SGN-1). The generator is fitted with a two-channel radiometer with scintillating counters, and is contained in a casing 102 mm in diameter and 4230 mm long. The instrument is filled with compressed nitrogen or carbon

Card 1/2

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

Possibility of the ... S/169/63/000/002/126/127
D263/D307

dioxide, and is designed for operation with a three-core cable. A short description is given of individual parts of the apparatus. (15 refs.) [Abstracter's note: Complete translation.]

Card 2/2

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

KOSTETSKIY, B.I. [Kostets'kyi, B.I.]; ZAPOROZHETS, V.V. [Zaporozhets', V.V.]

Analysis of the vibration spectrum in the case of external friction. Dop. AN URSR no.10:1298-1300 '64.

(MIRA 17:12)

1. Institut Grazhdanskogo vozdushnogo flota. Predstavleno akademikom AN UkrSSR K.K. Khrenovym [Khrienov, K.K.].

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHTSEVA, A.S.

Connection of associations of buried clastic minerals with the medium of sedimentation. Dokl. AN SSSR 151 no.2:415-418 Jl '63. (MIRA 16:7)

1. Nauchno-issledovatel'skiy institut geologii Arktiki, Leningrad. Predstavleno akademikom N.M.Strakhovym.
(Mineralogy)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

L 00472-66 EWT(m)/EWP(w)/EPF(c)/EWA(c)/EWA(d)/T/EWP(t)/EWP(z)/EWP(b)/ETC(m)
MJW/BW/JD/DJ/GS

ACCESSION NR: AT5022670 UR/0000/65/000/000/0125/0127

AUTHOR: Kostetskiy, B. I.; Zaporozhets, V. V.

TITLE: Analysis of the vibration spectrum in external friction

SOURCE: AN SSSR. Nauchnyy sovet po treniyu i smazkam. Teoriya treniya i iznosa (Theory of friction and wear). Moscow, Izd-vo Nauka, 1965, 125-127

TOPIC TAGS: friction, friction coefficient, vibration analysis, mechanical vibration, vibration measurement, vibration spectrum, vibration test

ABSTRACT: A method is presented for analyzing the processes occurring in the zone of friction by applying a harmonic analysis of the frictional force oscillations. This force is considered as the total index of the elastoplastic deformations in the rubbing layers and of the resulting physical, chemical and mechanical processes. In this work the frequencies of oscillation were measured in cps and the amplitudes in mv (or decibels). The pair of materials in friction were U8 -- 45 steel, 40Kh steel -- BRAZh-9-4 bronze, and others. The experiments were conducted with and without lubricants. After each experiment the specimens were studied quantitatively and qualitatively by metallographic spectral x-ray, and other methods. The specific vibration characteristics of each shaft-bearing

1/2

Card

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

L 00472-66

ACCESSION NR: AT5022670

2

system were taken into consideration. Frequencies and amplitudes registered for a U8 -- 45 steel system operating at various velocities and loads and with 3 types of surface lubricants (vaseline oil; vaseline oil with 0.5% of oleic acid; oleic acid) are tabulated. Two sets of frequency-amplitude records for shaft-bearing systems operating at various loads and velocities are presented. By comparing these records with the results of the analysis of the specimens, the authors deduce which component element of the total frictional force operates or predominates at a given velocity-load condition. Orig. art. has: 1 table and 2 graphs.

ASSOCIATION: none

SUBMITTED: 18May65 ENCL: 00 SUB CODE: IE

NO REF SOV: 005 OTHER: 000

KC

Card 2/2

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHTSEVA, A.S.

Effect of facies conditions of sedimentation on diagenetic processes and catagenetic transformations. Trudy NIIGA 121: 83-95 '62. (MIRA 15:9)

(Olenek Delta--Rocks, Sedimentary)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHTSEVA, A.S.

Lithology of Cretaceous sediments in the Chay-Tumus coal deposit (left bank of Lena Delta) and facies determining their formation. Trudy NIIGA 112:93-136 '60. (MIRA 13:12)
(Lena Basin--Petrology)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHTSEVA, A.S.

Tuffaceous-argillite formation in the Ust' Yenisey region and its genesis. Trudy NIIGA 67:104-142 '58. (MIRA 12:10)
(Yenisey Valley--Volcanic ash, tuff, etc.)
(Yenisey Valley--Argillite)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHTSEVA, A.S.

Clay minerals in argillites of the lower Triassic in the Ust' Yenisey region. Trudy NIIGA 67:143-162 '58. (MIRA 12:10)
(Yenisey Valley--Argillite) (Yenisey Valley--Clay)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHTSEVA, A. S.

15-57-7-9524

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7, p 114 (USSR)

AUTHOR: Zaporozhtseva, A. S.

TITLE: Materials in the Crust of Weathering on the Basic Mesozoic Rocks of the Ust'-Yeniseyskiy rayon) Produkty kory vyvetrivaniya v osnovanii otlozheniy mezozoya Ust'-Yeniseyskogo rayona)

PERIODICAL: Tr. n.-i. in-ta geol. Arktiki, 1956, Vol 89, pp 174-177

ABSTRACT: Two domal uplifts are known in the northeastern part of the Western Siberian lowland: the Malokhetskoye and Tochinskoye podnyatiya (uplifts). In the Tochinskoye uplift a large fault occurs between the underlying deposits and the Mesozoic sediments. Middle Jurassic deposits are underlain by a thin sequence of tuffaceous rocks and below this by Silurian carbonate sediments. On the slope of the uplift, the lower lying Mesozoic deposits rest directly on the surface of a comparatively

Card 1/3

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

15-57-7-9524

Materials in the Crust of Weathering on the Basic (Cont.)

thick body of gabbro-diabase. A very thin sequence of marine sediments occurs at the base of the Liassic deposits, consisting of alternating sandstones, clays, and conglomerates. The conglomerates are composed of large pebbles and cobbles of the underlying gabbro-diabase. The olivine gabbro-diabase forming the pebbles and cobbles has the composition and structure of the rock occurring below the intrusive mass. It is composed of basic plagioclase, monoclinic pyroxene, olivine, ore minerals, and secondary minerals. Locally, the conglomerates grade into pebbly and irregularly grained sandstone. These sands, with chlorite, form the matrix and cement of the conglomerates. The clays, occurring in layers up to two meters thick in the lower part of the section, in lenses and layers among the conglomerates and sandstones, are greenish-gray, contain silty material, mica, and a large quantity of brown plant remains, and also have disseminated grains or accumulations of pyrite. An erosional break is exposed above these rocks for an extent of 10 m. Sandstones with cobbles and kaolinitic cement occur above this zone. Similar light gray sandstones, alternating with gray clays, are found still higher. This section indicates that the crest of the Tochinskoye uplift was

Card 2/3

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

15-57-7-9524

Materials in the Crust of Weathering on the Basic (Cont.)

dry land for long periods of time during the late Paleozoic, but that, because of fluctuating movements, it may have been covered by the sea from time to time. When this region had a continental environment, weathering and erosion attacked the young deposits and later the underlying rocks, leading to the development of a crust of weathering.

Card 3/3

K. N. Ryabicheva

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHTSEVA, A.S.

Laumontite from Cretaceous deposits of the Lena coal basin. Dokl. AN SSSR 120 no. 2:384-386 My '58. (MIRA 11:7)

1. Nauchno-issledovatel'skiy institut geologii Arktiki, Leningrad. Predstavleno akademikom N.M.Strakhovym.
(Lena Valley--Laumontite)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHTSEVA, A.S.; VISHNEVSKAYA, T.N.; DUBAR', G.P.

Consecutive substitution of calcium zeolites in vertical sections of sedimentary strata. Dokl. AN SSSR 141 no.2:448-451 N '61. (MIRA 14:11)

1. Nauchno-issledovatel'skiy institut geologii Arktiki i Laboratoriya geologii uglya AN SSSR. Predstavleno akademikom N.M. Strakhovym.

(Siberia--Zeolites)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

GUSEV, A.I.; ZAPOROZHTSEVA, A.S.

Cretaceous sedimentation in the Lena coal basin. Trudy NIIGA 112: 3-23 '60. (MIRA 13:12)
(Lena Basin--Sedimentation and deposition)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHTSEVA, A.S.

Occurrences of zeolites in sedimentary rocks and conditions governing their formation (as exemplified by the Lena coal basin and other regions). Trudy NIIGA 114:84-94 '60. (MIRA 13:11)

(Lena Basin--Zeolites)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHTSEVA, A.S.

Characteristics of laumontite from the Cretaceous sediments of the Lena Basin. Trudy NIIGA 114:95-101 '60. (MIRA 13:11)
(Lena Basin--Laumontite)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

SOV/ 20-120-2-46/63

AUTHOR: Zaporozhtseva, A. S.

TITLE: Lomontites From Cretaceous Deposits of the Lena Coal Basin (Lomontit iz melovykh otlozheniy Lenskogo uglenosnogo basseyna)

PERIODICAL: Doklady Akademii Nauk SSSR, 1958, Vol. 120, Nr 2, pp.384-386 (USSR)

ABSTRACT: In recent years many works were published in which a wide distribution of sedimentary rocks containing zeolites is reported. In the course of time one came to the conclusion that they form by normal sedimentation. They may also form as the result of biological processes in the mud of waters during diagenesis. A very wide and peculiar distribution and sometimes an unusual form of separation of the lomontites in this coal basin makes it possible to obtain additional data concerning the conditions of formation of these zeolites. The details of their distribution are described. 900 km north of Sangary in the Lena delta it was found that lomontite is bound to certain suites there. In this connection the Chay-Turusskoye coal deposit is described. Investigations under

Card 1/4

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

SOV/ 20-120-2-46/63

Lomontites From Cretaceous Deposits of the Lena Coal Basin

the microscope showed that authigenic minerals in the cement of both sandstone parcels (Lukumayskaya and Meng-Yuryakhskaya) are identical. An analogous fact was also determined for the two coal-containing parcels: Lukumayskaya and Ukinskaya. At the same time the sandstone parcels contain authigenic minerals differing from those of the coal-containing parcels. In the lower part of the Meng-Yuryakhskaya suite concretion formations representing wood mineralized by zeolites were found in sandstones. The lomontite-containing sandstones are supposed to have formed in an alkaline medium which, however, became considerably brackish. In the mud, however, where the zeolite formation and the formation of other authigenic minerals took place in the stage of diagenesis the medium was reducing. This was to a still higher degree the case in the coal-containing deposits. At low pH-values kaolinite, siderite and small amounts of pyrite formed. There are also indications that zeolites and authigenic minerals also form in an oxidizing medium (Refs 4, 5). It can be assumed that at the beginning of the diagenesis an oxidizing medium existed. Copdecomme (Ref 6) came to the conclusion that CO_2 plays an important part in zeolite crystallization. From this may be concluded that a reducing medium is favorable for the formation

Card 2/4

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

SOV / 2o-12o-2-46/63

Lomontites From Cretaceous Deposits of the Lena Coal Basin

of lomontite, but not with a low pH-value. The deposits of the Oleneksaya series accumulated on uniform conditions. These conditions changed several times which led to a rhythmic structure of the section of the coal basin; sandstone parcels are here replaced by coal-containing ones. Thus a rhythmic change between coal-less, predominantly sandstone-containing suites (lower parts of the large cycles) and coal-containing suites (upper part of the cycles), followed by the appearance and disappearance of lomontite in the cement or sandstone, was determined in a region of the major part of the Lena coal-basin at a distance of more than 1ooo km and in deposits of a thickness of 25oo-3ooo m. There are 6 references, 5 of which are Soviet.

ASSOCIATION: Nauchno-issledovatel'skiy institut geologii Arktiki, Leningrad (Leningrad, Scientific Research Institute for Arctic Geology)

PRESENTED: January 1o, 1958, by N. M. Strakhov, Member, Academy of Sciences, USSR

SUBMITTED: December 29, 1957

Card 3/4

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

Lomontites From Cretaceous Deposits of the Lena Coal Basin

SOV/20-120-2-46/63

1. Laumantites--Theory 2. Organolites--Theory 3. Geology --USSR 4. Geochemistry--USSR

Card 4/4

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHTSEVA, A.S.

ZAPOROZHTSEVA, A.S.

Products of crust weathering in Mesozoic deposits of the Ust'-Yenisey area. Trudy Nauch.-issl. inst. geol. Arkt. 89:174-177 '56.
(Yenisey Valley--Rocks, Sedimentary) (MIRA 11:1)
(Weathering)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHTSEVA, A. S.

ZAPOROZHTSEVA, A.S.; KRAVTSOVA, A.I.

Hydrogoethite-leptochlorite-kaolinite rocks of middle Triassic in the northern part of the Anabar and Khatanga interfluvial area. Trudy Nauch.-issl. inst. geol. Arkt. 89:178-188 '56. (MIRA 11:1)
(Anabar Valley--Rocks, Sedimentary)
(Khatanga Valley--Rocks, Sedimentary)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHTSEVA, A. S.

USSR/Geology - Petrography

Card 1/1 : Pub. 22 - 38/48

Authors : Zaporozhtseva, A. S.

Title : Joint presence of glauconite and chamosite in rocks

Periodical : Dok. AN SSSR 97/5, 903-905, August 11, 1954

Abstract : Geological literature on the association of glauconite and chamosite in rocks. The chemical composition of glauconite containing admixtures of chamosite is described. Five references (1940-1953). Illustrations.

Institution : Scientific Research Geological Institute of the Arctics, Leningrad

Presented by : Academician N. M. Strakhov, April 27, 1954

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHTSEVA, I.V.; TOKAREVA, L.A.

Results of comparing the thickness of frozen rocks determined in interpreting vertical electric sounding curves with the thickness obtained by D.V.Rodozubov's method of calculation. Trudy SOIM no.2:88-94 '62. (MIRA 17:1)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

ZAPOROZHTSEVA, S.V.; SOLOV'YEV, V.Ye.; KAVERIN, A.A.

Observation of the fourth contact of the total solar eclipse of February 15, 1961. Astron.tsir. no.219:16-17 Mr '61. (MIRA 14:10)

(Eclipses, Solar--1961)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

19

Significance of the mineralogical composition of quartz sand when glass is melted. M. A. Bezborodov, A. C. Zapotoshtawa and I. G. Moiseeva. *Stekol'naya Pram.* 15, No. 7, 26-9(1939).—(1) When quartz sands are evaluated it is necessary to know not only their chem. and granulometric compn., but also their mineralogical compn. (2) Because of the difficulty of dissolving sep. minerals, particularly zircon and cyanite, it is of the greatest importance to observe the melting of the glass so that incompletely melted components will not penetrate into the working zone, and will not be dissolved later by the glass mass. (3) Besides the minerals mentioned, experience shows the difficult assimilation of small lumps of kaolin. (4) Iron inclusions in the form of particles which are introduced into the melt in one way or another are also difficult to digest. (5) It is necessary to use a polarization microscope for a thorough study of stones present in glass and their mineralogical compn. M. V. Condoide

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

TSERTSVADZE, Sh.I.; ZAPOROZHSKIY, I.S.

Some agroclimatic indicators of basic farm crops in Georgia. Trudy Tbil. NIGMI no.10:89-100 '62. (MIRA 16:11)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4

SHVETSOV, P.F.; ZAPOROZHTSEVA, I.V.

Frequency and engineering geocryological importance of the increase of the temperature of soils during a period from two to three years in subarctic regions. Probl. Sev. no.7:22-46 '63. (MIRA 17:2)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963810018-4"