



TÜRKİYE ODALAR VE BORSALAR BİRLİĞİ

Dumlupınar Bulvarı No:252 (Eskişehir Yolu 9. Km.) 06530 /ANKARA

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Konu : Kırgız Cumhuriyeti'nde Nadir Toprak Elementleri Rezervleri

TÜM ODALAR (Genel Sekreterlik)

İlgi : Kırgız Cumhuriyeti Ankara Büyükelçiliği'nin 14.11.2023 tarih ve 135 sayılı yazısı.

İlgide kayıtlı yazı ile, Kırgız Cumhuriyeti'nde bulunan nadir toprak elementleri rezervleri listesi iletilmekte olup, konu ile ilgilenen firmaların detaylı bilgi için Kırgız Ankara Büyükelçiliği ile temasa geçmesi (kgembassy.tr@mfa.gov.tr, Tel: 05380645994 - WhatsApp) talep edilmektedir.

Bilgilerinizi ve konunun ilgili üyelerinize duyurulmasını rica ederim.

Saygılarımla,

e- imza

Ali Emre YURDAKUL
Genel Sekreter Yardımcısı

EK: Nadir Toprak Elementleri Rezervleri Listesi (4 sayfa)

Bu belge, 5070 sayılı Elektronik İmza Kanununa göre Güvenli Elektronik İmza ile imzalanmıştır.



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Deposits of rare earth elements

Batken region					
277 390°33'N 70°50'E Batken district	Large deposit Delbecq (Occupied)	10 large bodies (300-1250x 19.8-49.4x155-625m) carbonatite metasomatites in the exocontact of the alkaline syenite intrusion P2-T1. Ore mineral-pyroxhlore.	Ta ₂ O ₅ -0.06% Nb ₂ O ₅ -0.011% TR ₂ O ₃ -0.25% ZrO ₂ -0.011%	As of 01/01/1992 cat.P1+P2 Ta ₂ O ₅ -56.2t.t	Promising, unexplored. High mountain zone (2200- 4000m), poorly developed area. Searches from the surface, 1988-90 (ditches).
278 390°29'N 70°48'E Batken district	Average deposit	Three ore zones (1.3-2.95 km x 0.45- 0.75 km), in the massif of alkaline syenites P2-T1, saturated with dozens of veins (150-800x1.7- 5x100x600m) polysulfide-thorium- pyroxhlorine mineralization.	Ta ₂ O ₅ -0.076% Nb ₂ O ₅ -0.076% U, Th-0.074% Th-0.19% ZrO ₂ - 0.322% ΣTR ₂ O ₃ -0.01-0.48% LiO ₂ -до 0.15%	As of 01.01.1992 cat.P1+P2 Ta ₂ O ₅ -30.6t.t Nb ₂ O ₅ -16.4t.t ZrO ₂ -60.1t.t U-2.4t.t Th - 6.5t.t	Promising, unexplored deposit. High mountain zone (3500- 3900m), poorly developed area. Searches from the surface, 1988-90 (ditches).
286 390° 34'N 71°17'E Batken district	Ore occurrence South Contact (Kashkasu) (Free)	Vein-like ore-bearing dikes (500x50m) of alkaline syenites (P1-2), cutting through the carbonate-shale formation S.	Nb ₂ O ₅ -0.077% Ta ₂ O ₅ -0.03% U ₃ O ₈ -0.031%	No information	Unpromising. High mountain zone (3200m- 3400m), poorly developed area. Searches from the surface, 1946-56 (ditches).
Jalal-Abad region					
23 42006'N 72024'E Toktogul district	Ore occurrence Syenite (Syenite areas 1, 2) (Free)	36 vein-shaped and lens-shaped steeply dipping bodies of fluorite metasomatites, skarns, alkaline syenites S (7-112mx0.2-3.5m; 70x20-50m) with ferritorite-thorite- polysulfide mineralization. Mineralization of cerium and cerium- yttrium groups.	ΣTR ₂ O ₃ -0.054- 0.352% (0.137%) Nb ₂ O ₅ -0.05-0.112% ZrO ₂ -0.02-1.8% Hf- 0.1-0.17% BeO - 0.002-0.043% (0.011%) Th - 0.01-0.233% Li- 0.004-0.012%	As of 01/01/1998 cat.C2 to 2 areas: ΣTR ₂ O ₃ -4122t.t. ZrO ₂ -699.3t Nb ₂ O ₅ - 118.4t Th - 116.5t BeO - 63.4t Mo - 35t	The prospects are insignificant. Mid-mountain zone (2100- 2500m), poorly developed area. Searches from the surface, 1957-96 (ditches).
Issyk-Kul region					
31 42052'N 78012'E Tyup district	Ore occurrence Kurmenty (Free)	Zones of albitization, fluoritization among O3 granitoids.	Nb ₂ O ₅ - 0.01-0.02% Ta ₂ O ₃ - 0.001-0.006% Y, Yb 0.001-0.1% Be - up to 0.01% W - up to 0.1% Mo - up to 0.003%	Not counted	Has no independent prospects. High mountain zone (3300m), poorly developed area. Searches from the surface, 1956 (ditches, pits).
177 42012'N 78013'E Jety-Oguz district	Ore occurrence Chon-Kyzylsu (Lower) (Free)	4 small ore bodies (2x1m) on an area of 300m ² .	La, Ce, Nb □ 1% W □ 1% Sn, Mo, Bi 0.1% U - 0.01-0.02%	Not counted	Unpromising. High mountain zone, poorly developed area. General searches from the surface 1958-60 (furrow

					and hand samples).
186 42018'N 79032'E Ak-Su district	Ore occurrence Kuzgun – 18, 19 (Free)	Small veins (40 x 0.3-1m) of pinkish carbonatites in gneiss PR1.	Σ TR2O3–0.266% Nb2O5– 0.005-0.02% Be – 0.001% V–0.01-0.02% Th –0.042%	Not counted	High mountain zone (3500 - 3800m), poorly developed area. Searches from the surface 1960 (single furrow samples).
188 42018'N 79039'E Ak-Su district	Ore occurrence Kuzgun (Free)	10 contiguous ore bodies (70-80x2-3m) with Th-TR mineralization.	Σ TR2O3–0.16% Nb2O5– 0.01% Th –0.053-0.1%	Not counted	Has no independent prospects. High mountain periglacial zone (4000m). Searches from the surface 1960-65 (single ditches).
203 42002'N 79011'E Ak- Su district	Ore occurrence Inylchek (Occupied)	Thin veinlets (0.15m) of dark radioactive fluorite in O3 granites.	TR2O3–0.006-0.009% Nb2O5– 0.01-0.03% Σ TR2O3 –0.01-0.03% La – 0.003-0.01% Yb – 0.003-0.01% LiO2 –0.006-0.056%	No information	Has no independent prospects. High mountain zone (2500-4200m). Searches from the surface 1961-63 (ditches).
218 42000'N 77005'E Ton district	Ore occurrence Inylchek (Occupied)	Stockwork fluoritization zone (100x75m) in alaskite granites O3, bearing dissemination of monazite.	Σ TR2O3–0.1% Nb2O5– 0.01% BeO – 0.01%	No information	Unpromising. High mountain zone (3470m). Search engines work from the surface 1959 (ditches).
236 41053'N 77041'E Jety Oguz district	Ore occurrence Rocky (Free)	Rare earth–tantalum–niobium mineralization in carbonatites and alkaline syenite dike P2-T1 (250-1900x1-5), located in carbonate-terrigenous rocks D-C.	Σ TR2O3– 2.24% Th – 0.2-0.5%	No information	A promising unexplored object. High mountain zone (3800-3900m), a poorly developed area. Searches from the surface 1958-59 (furrow samples).
267 41041'N 78047'E Jety Oguz district	Average deposit Sarysay, Sarysai II (Occupied)	Rare earth–tantalum–niobium mineralization in carbonatites and alkaline syenite dike P2-T1 (250-1900x1-5), located in carbonate-terrigenous rocks D-C.	TR2O3–0.3% Y2O3– 0.068% Nb2O5– 0.07-0.53% Ta2O5 – 0.007-0.1% Zr – 0.7%	cat P1+P2: TR2O3–14052t Ta2O5 -0.62t.t./0.08% Nb2O57.5t.t./0.10%	Insufficiently studied promising object. High mountain zone (3600-4300m). Searches from the surface, depth assessment, 1977-90 (ditches, pits, wells).
Naryn region					
195 41039'N 76029'E Tien Shan district	Ore occurrence Eastern (Free)	Quartz-feldspar (20-80x1-8m) and pegmatite veins (up to 500-600m) with orthituranium-thorite mineralization in PR1 amphibolites.	Σ TR2O3–0.73% Cu – 0.1%	No information	Unpromising. High mountain zone (3300m), poorly developed area. Search work from the surface 1956-

					58 (quarry, furrow samples).
000'N 76003'E At Bashi district	Ore occurrence Surteke (Skalnoye, Zapadnoe, Severnoe areas) (Free)	Albitites (1kmx50-90m), pegmatites (800x15-35m), hornfels accompanying the massif of nepheline syenites P1-2.	Nb2O5– 0.001-0.3% Ta2O5 –0.001-0.03% ΣTR2O3– до 4.8% U – до 0.26% ZrO2 – 017-1.4%	No information	Poorly studied, promising object. High mountain periglacial zone (4100-4350m). Searches from the surface, 1958-78 (ditches).
Osh region					
149 40006'N 72055'E Naukat district	Small deposit Kundailyk – 2 (Sarybulak, Dastarata, Kundailyk–I, Korumdu) (Free)	Mineralized dikes of aplites and syenite porphyries P, (100-500x0.5-10) in sericite shales PZ2.	ΣTR2O3– 0.11-0.203% Nb2O5– 0.02-0.94% Pb,Zn – up to 0.4% Th – 0.014-0.054% Au - up to 2g/t	As of 01/01/1970 cat. P1: ΣTR2O3–1.9t.t/ 0.15% Nb2O5– 0.69t.t/ 0.065%	Unpromising. High mountain zone (2000-3500m). Searches from the surface, 1966-67. (ditches, pits).
150 40006'N 72058'E Naukat district	Ore occurrence Taldyk (Free)	5 steeply dipping mineralized dikes of thorium-bearing aplites PZ? (375-750mx0.98-3.79m), cutting PZ2 metamorphic shales.	Nb2O5– 0.0004-0.125% (0.031%) ΣTR2O3– 0.017%	As of 01/01/1969 cat. P1: ΣTR2O3–0.63t.t Nb2O5– 1.15t.t	Unpromising. Low mountain zone (1800-2000m). Searches from the surface, 1966-69 (ditches).
Chui region					
37 42051'N 76007'E Kemin district	Large deposit Kutessai II (Free)	Rare-earth-rare-metal stockwork (200x75m), associated with the apical parts of the stock-shaped bodies of P2 granophyres. (Free)	TR2O3 –0.26% ZrO2 – 0.55-0.60% (0.57%) Th – 0.029% Pb – 2.58% Hf – 0.004% Zn – 0.52% Mo – 0.023% Bi-0.011% Ag-3.2g/t	TR2O3: Cat.V-40400t Cat.S1-1798t Cat.S2-3465t Cat.B+C1+C2-20228t Pb 48.5tt(2.58%) Th-6.3tt(0.02%) Hf-0.39tt Bi-2.29tt Ag-61.1t	The deposit has been partially mined and mothballed. Mid-mountain zone (2500m), well-developed area. Detailed reconnaissance, 1946-58 (ditches, pits, adits, drilling)
Talas region					
42046'N 71050'E Talas district	Ore occurrence Kara-Archa (Free)	Mineralized zone (1.5 km x 0.25 km) in the volcanic-sedimentary strata of C-O, intruded by dikes of basic and intermediate composition.	ΣTR2O3 –0.1%	No information	Unpromising. Low-mountain zone (1500m) Search work from the surface, 1958-59 (ditches).
14 42043'N 71052'E Bakai Ata district	Ore occurrence Soguty (Sugata) (Free)	Mineralized fields and zones with quartz-fluorite-carbonate mineralization among effusives of acidic and intermediate composition C-O.	ΣTR2O3 –0.1% Nb2O5– 0.02% LiO2 – 0.1% Th – 0.01%	No information	Unexplored promising object. Low-mountain zone, developed area. Searches from the surface, 1958-60 (ditches).
15 42041'N 71053'E Talas district	Ore occurrence Kaindy (Free)	Steeply dipping mineralized zones (60-220mx3.5-3.7m) in the C-O volcanic rocks, intruded by O1 granodiorites.	ΣTR2O3 –0.08-0.267% ZrO2 – up to 0.16%	No information	Unpromising. Low-mountain zone (2500m). Searches from the surface, 1958-59 (ditches).
50 42035'N 72019'E	Small deposit Karajilga, Karajilga	11 steeply dipping mineralized zones (220-1800mx160-260m) in	ΣTR2O3 –0.24-0.91% (0.70%) Nb2O5– 0.022-0.2%	As of 01/01/1961 Cat. C2 – ΣTR2O3 -6.7t.t	Independent prospects are insignificant.

Talas district	- 5 (Occupied)	gneiss granites R2, saturated with dozens of veins (4-610x0.15-4m) with monazite-orthite-thorite mineralization.	(0.116%) Th -0.014-0.032% (0.020%)	Nb2O5- 1.16t.t	Mid-mountain zone (1800-2200m), developed area. Searches from the surface 1948-61 (ditches, pits).
56 42033'N 72024'E Talas district	Ore occurrence Kenkol (Anomaly No. 1) (Free)	2 steeply dipping mineralized zones (200-2.48 m) with apatite-ferritorite mineralization in phyllitic shales R2, intruded by dikes of diorites (€1), microgranites (S), porphyries (P).	Σ TR2O3Y-0.143% Th - 0.057%	As of 01/01/1995 Cat. P2 :- Σ TR2O3 -167.5t Th - 66.5t	Unpromising. Low mountain zone (1400-1700m). Searches from the surface, 1958-59 (ditches, pits)
67 42032'N 72024'E Talas district	Ore occurrence Kyzyl-Tash (Free)	Quartz veins and mineralized zones (50-180x0.5-15m) in granite-gneisses R2, bearing ilmenorutile-ferritorite mineralization.	Σ TR2O3Y-0.188% Σ TR2O3 Ce- 0.038% Nb2O5- 0.068% Th - 0.117% Ta2O5- up to 0.006%	As of 01/01/1961 Cat. C2 - Σ TR2O3 -48.2t Nb2O5- 14.6t Th - 24.96t.t	Unpromising. Low mountain zone (1400-1500m). Searches from the surface, 1949-57 (ditches, pits, adits)