

«TASDIQLAYMAN»
Boshqaruv raisining
operatsion masalalari bo'yicha
o'rinbosari

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**TECHNICAL SPECIFICATIONS
for exploratory drilling and sampling**

**Burg'ulash geologiya qidiruv ishlarini olib borish
va geologik namunalar olish bo'yicha
TEXNIK TOPSHIRIQ**

Chirchiq 2026 y

<u>1</u>	<u>Introduction</u> The purpose of this technical specification document is to determine the conditions and requirements for drilling operations, logging and sampling drill core and creating the project database within the framework of the Sarykul Project.	<u>Kirish</u> Ushbu texnik topshiriqning maqsadi burg'ulash ishlarini bajarish, kern tavsiflash va namunalar olish, shuningdek Sarikul loyihasi doirasida loyiha ma'lumotlar bazasini yaratish.
<u>2</u>	<u>Research objects</u> Deposit: Sarykul tungsten deposits; Geological and geographical location: Paleozoic and Cenozoic sedimentary-metamorphic formations and Paleozoic magmatic complexes participate in the geological structure of the region. The absolute elevations of the area range from 900 to 1500 m, the relative elevations are from 100 to 500 m. Administratively, the Sarykul deposit district belongs to the Nurabad district of the Samarkand region of the Republic of Uzbekistan. The Sarykul tungsten deposit is located on the northern slope of the Karatyubin Mountains and covers the northern contact zone of the Sarykul intrusive. Resource types: the tungsten deposit and ore occurrences in the Karatyubinsk mountains are closely related to scheelite-bearing skarns and are confined to the contact of granitoid rocks of the acidic series with carbonate formations.	<u>Tadqiqot obyekti</u> Kon: Sarikul volfram koni; Geologik va geografik joylashuvi: Hududning geologik tuzilishi Paleozoy va Kanozoy davrlarining cho'kindi va metamorfik tog' jinslaridan, shuningdek, Paleozoy davrining magmatik komplekslaridan iborat. Hududning mutlaq balandligi 900 dan 1500 m gacha, nisbiy balandligi esa 100 m dan 500 m gacha o'zgaradi. Ma'muriy jihatdan Sarykul koni O'zbekiston Respublikasining Samarkand viloyatining Nurabad tumanida joylashgan. Sarykul volfram konlari Karatyube tog'larining shimoliy etagida joylashgan bo'lib, Sarykul intruziyasining shimoliy kontakt zonasini qamrab oladi. Resurs turlari: Karatyube tog'laridagi volfram koni va rudalarning paydo bo'lishi sheelitli skarnlar bilan bog'liq va granitoid jinslarning karbonat hosilalari bilan aloqasi bilan cheklangan.

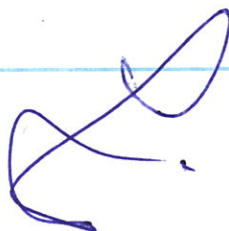


<u>3</u>	<u>Tasks</u> • Constructing drill pads (locations) and access roads to the drill locations • Conducting diamond drilling operations • Photographing and logging the drill core • Sampling the drill core • Ensuring the accuracy and reliability of the obtained data. • Data documentation and creating database	<u>Vazifalar</u> • Burg'ulash maydonlari va burg'ulash joylariga borish yo'llarini qurish • Burg'ulash ishlarini bajarish • Kernni suratga olish va tavsiflash • Kern namunalarini olish • Olingan ma'lumotlarning aniqligi va ishonchliligini ta'minlash • Ma'lumotlarni hujjatlashtirish va ma'lumotlar bazasini yaratish
<u>4</u>	<u>Drilling requirements</u> • Drilling type: surface diamond drilling • Number of Rigs: 8 rigs. • Drill Rig Type: Crawler-mounted, wireline-type drill rig • Drilling depth: Maximum depth: 430 m Average depth: 192 m; • Total Meters of Drilling: 5,250 m; • Total locations: 27; • Diameter: HQ/ Core size 63.5 mm, bit size 96 mm; • Angle of inclination: 40 – 80° • Perform azimuth and inclination measurements in every borehole	<u>Burg'ulash talablari</u> • Burg'ulash turi: er usti olmosli burg'ulash • Burg'ulash uskunalar soni: 8 ta • Burg'ulash uskuna turi: kabel (канатная система) tizimi bilan paletli (гусинечная) burg'ulash qurilmasi • Burg'ulash chuqurligi: Maksimal chuqurlik: 430 m O'rtacha chuqurlik: 192 m • Umumiy burg'ulash hajmi: 5,250 m • Quduqlarning umumiy soni: 27; • Diametri: HQ / kern diametri-63,5 mm, toj diametri-96 mm • Burg'ulash burchagi: 40-80° • Har bir quduqda azimut va burchak o'lchovlarini bajaring

5	<u>Drill Pads(Locations) and Access Roads</u> - Constructing Drill Pads 15x15m using appropriate heavy equipment - Total pads: 24 - Constructing Access Roads to Drill locations with width of 5-7m using appropriate heavy equipment - Total length of roads: 750m	<u>Burg'ulash maydonchalari va kirish yo'llari</u> - Tegishli og'ir texnikadan foydalangan holda 15×15 m burg'ulash maydonchalarini qurish - Burg'ulash maydonchalarining umumiy soni 27 - Tegishli og'ir texnikadan foydalangan holda 5-7 m kenglikdagi burg'ulash joylariga kirish yo'llarini qurish - Yo'llarning umumiy uzunligi: 750 m
6	<u>Photographing and Logging Drill Core</u> - Taking the photos of each core box wet and dry under appropriate light and conditions. - Taking photos of the representative's parts of the mineralized zones. - Logging the drill core by qualified personnel in accordance with internationally recognized client-specified guidelines geologically and geotechnically. - Identifying Scheelite-bearing zones using a short-wave ultraviolet (SWUV) lamp operating at approximately 254 nm	<u>Kernning fotosuratlari va tavsifi</u> - Har bir kern qutisini nam va quruq holda, tegishli sharoitlarda (yorug'lik) suratga olish - Minerallashgan zonalarining na'munaviy joylarini suratga olish - Buyurtmachi tomonidan belgilangan xalqaro miqyosda tan olingan ko'rsatmalarga muvofiq malakali xodimlar tomonidan kernning geologik va geotexnik tavsifini amalga oshirish - To'lqin uzunligi taxminan 254 nm bo'lgan qisqa to'lqinli ultrabinafsha (SWUV) chiroq yordamida scheelitni o'z ichiga olgan zonalarini aniqlash

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