


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <p>1622</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>The Central Scientific Research Laboratory</h3> <p>Issue No: 026 Issue date: 14 July 2020</p>	
	<p>JSC Kara-Balta Mining Combinat Central Scientific Research Laboratory Kozhombardiev Street South Industrial Zone 724411, Karabalta Kyrgyzstan</p>	<p>Contact: Mr Daniyar T Isakov E-Mail: info@kgrk.kg</p>
<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
METALS and ALLOYS	<u>Chemical Tests</u>	Intergovernmental CIS Standards (GOST) and Documented In-House Methods using atomic absorption spectroscopy, fire assay, wet chemistry analysis and inductively coupled plasma with optical emission spectroscopy
- Gold Alloy	Gold Silver	Fire assay ZP - 9
- Gold Alloy	Trace elements: Antimony Beryllium Bismuth Cadmium Copper Iron Lead Mercury Nickel Selenium Tellurium Zinc	ICP-OES ZISP - 3



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METALS and ALLOYS (cont'd)	<u>Chemical Tests</u> (cont'd)	
- Refined Gold	Trace elements: Antimony Bismuth Chromium Copper Iron Lead Magnesium Manganese Nickel Palladium Platinum Rhodium Silicon Silver Tin Zinc	ICP-OES with Spark Ablation GOST 27973-2-88 ZISP - 2
- Refined Silver	Antimony Arsenic Bismuth Cobalt Copper Gold Iron Lead Manganese Nickel Platinum Palladium Rhodium Tellurium Zinc	ICP-OES with Spark Ablation ZISP - 7 GOST 28353.2-89
ORES and MINERALS	<u>Chemical Tests</u>	
- Gold and Silver Ores and precious metal concentrates	Gold Silver	Fire assay ZP - 5
-Gold and Silver Ores	Gold	Fire assay, ICP-OES ZISP - 14



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<p>ORES and MINERALS (cont'd)</p> <p>Solid ores, soils and aqueous Solutions and precious metal concentrates.</p>	<p><u>Chemical Tests</u> (cont'd)</p> <p>Aluminium Antimony Arsenic Barium Beryllium Bismuth Cadmium Calcium Chromium Cobalt Copper Iron Lanthanum Lead Magnesium Manganese Molybdenum Nickel Phosphorus Potassium Scandium Selenium Silver Sodium Strontium Sulphur Tellurium Thorium Tin Titanium Tungsten Uranium Vanadium Yttrium Zinc Zirconium</p>	<p>ICP-OES ZISP - 6</p>



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ORES and MINERALS (cont'd) Solid ores, soils and aqueous Solutions and precious metal concentrates.	<u>Chemical Tests</u> (cont'd) Rare Earths: Cerium Dysprosium Erbium Europium Gadolinium Holmium Lutetium Neodymium Niobium Praseodymium Rhenium Samarium Tantalum Terbium Thulium Ytterbium	
END		