



AUSTRAL  
BUSINESS

CORPORATE  
PRESENTATION  
2024



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# INTRODUCTION OF AUSTRAL BUSINESS

**Austral Business Lda.** is a "Spain / Southern Africa" business support office created by its CEO, Rafael Mora Varona, said office fulfills the professional function of serving as a bridge to all those spanish and foreign companies with representation in Spain and Africa that intend to open a market or implement projects in the countries of Southern Africa, our office has its headquarters in Maputo (Mozambique) from where it coordinates the operations of promotion, representation, commercial intermediation, business support, studies and assembly of mines, general advice in Mozambique, South Africa and other surrounding countries, as well as other countries outside the african continent associated or linked in some way to our projects and clients. The Maputo Headquarters is coordinated in real time (24 hours) with Spain and other countries.

### **Our experience in Southern Africa dates from 1999 to the present.**

To meet the objectives of our clients, we have the collaboration of technicians and teams specialized in trade, export/import, forests, agriculture, fishing, mineral resources, hydroelectric power plants, thermal power plants, renewable energies, civil construction, public works, agrifood, operations maritime, aeronautical constructions, gas, oil and fuels derived from it.

Management for financing government, mixed or private projects. Development of infrastructure and service programs and projects under "public-private partnership" (PPP) modalities in the broadest sense of the word. PPPs are a tool used by states to achieve certain objectives or purposes in terms of infrastructure and/or service provision. Its use is framed and at the same time conditioned, by another series of instruments, actions or tools of the State such as the formulation of policies, strategic planning, promotion measures or public aid, institutional structures, and the regulatory framework, among others. others. Austral Business is [www.iguworld.com](http://www.iguworld.com) representative for Southern Africa.

Regardless of the "Representation and Promotion of Companies" as well as the implementation of projects or expansion of their objectives in Africa, our main lines of action are the management of oil and its derivatives and the management of mineral resources, mainly from the african continent.



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# MANAGEMENT OF MINERAL RESOURCES AND TREATED METALS



**Austral Business** advises, provides technical, financial and commercial support to the mining and marketing concessions in our environment in the exploitation, production and marketing of the following resources:

#### **Noble Metals:**

Gold, platinum, silver, palladium and rhodium.

#### **Precious and Semi-precious Stones:**

Diamonds, rubies, emeralds, sapphires, tourmalines and others.

#### **Treated Metals:**

- Aluminum ingots (A7 and A8).
- Aluminum by Extrusion 6063 (from recycling).
- Finished Aluminum 6061 and 6063 by smelting of alumina and chlorite (5.8 meter billets) for the specialized industry (aviation, automotive, aerospace, food, special parts etc).
- Copper cathodes (99.99%).
- Millberry copper (99%).
- Copper (in cable and tubes, only on request).

#### **Gross Minerals:**

Iron ore, coal RB1, RB3, extra anthracite (+7,000 cal.), manganese, titanium, tantalum, graphite, nickel, vanadium, chromium, lithium and other minerals.

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#### **Studies and Assembly of Mines:**

We carry out feasibility studies, advise, design, build and install the mining machinery on the land itself, managing to put the mine in production and export order from the beginning to the end of the process.

These mines are divided into two lines of action, one standard, and the other high performance, the sales method of their products can be CIF or FOB depending on various factors.

We operate in two zones, one of them located in the Northern area of our environment (Mali, Uganda, Ghana, Zambia, Kenya and Tanzania) and the main one is located in the countries of our own environment (Mozambique, Eswatini, Zimbabwe, Zambia, Botswana, Namibia, Angola, Lesotho and South Africa).



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# MANAGEMENT AND SALE OF CRUDE OIL, GAS AND OIL DERIVATIVES

We manage and supply various types of crude oil, petroleum derivatives, LPG and LNG, technology and maintenance for oil exploitations, storage tanks, negotiation for the acquisition of oil or gas wells, implementation of refineries and hydrocarbon logistics terminals, mainly in the countries around us, and also outside of these.\*

**Our commercial activity in this energy area is oriented towards collaboration with:**

- Ministries of mineral resources and energy of neighboring countries.
- Private and mixed companies: Bidding companies in government tenders in Southern Africa and other countries outside the African continent with which we have projects in common.

Austral Business is an international “representative” of “4XFUELS”, forming part of said entity’s own corporate team.



**As direct representatives for one of the largest suppliers in the Oil & Gas primary and secondary markets, 4X FUELS provides competitive-priced allocations and transaction processes that ensure success.**

Since the company's inception, the purpose of 4X FUELS is to bring ethics and integrity to fuel transactions in the secondary market. Due to decades of experience, we are able to place most fuels just about anywhere they could ever possibly be needed. 4X FUELS is a team of industry professionals who have partnered for success. Fueled by our commitment to excellence, we go the extra mile to make sure our clients are completely satisfied with our service and source(s) of supply.

[Learn More](#)

\*Note 1: See an example of one of our projects on page 16 of this document.



**GAS**



**JET FUEL**





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**DIESEL**



**GASOLINE**







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## FUEL OIL



## LUBRICANT OILS





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4X  
FUELS

FEBRUARY 28<sup>TH</sup>, 2023

### LETTER OF MANDATE

I, **Andrew M. Karnath**, as CEO of the company **4X HOLDINGS, LLC**, D.B.A. "4X FUELS", a company identified with registration number 2022-001080386, and address: 1309 Coffeen Avenue, Suite 4877, Sheridan, WY 82801 - USA. Phone: +1 (253) 606-3303 | Website: [www.4xFuels.com](http://www.4xFuels.com)

I HEREBY ISSUE THIS LETTER OF MANDATE to **Rafael Mora Varona**, CEO of **AUSTRAL BUSINESS (Business Center Spain / Southern Africa)**, of Spanish nationality, identified with passport number PAJ021162, (Phone: +34 672 02 92 92 / Email: [australbusiness@outlook.es](mailto:australbusiness@outlook.es)).

**AUSTRAL BUSINESS (Business Center Spain / Southern Africa)**, is **authorized** to: Manage the necessary commercial relations for the reception of requests for fuels, shipping and transit of documents inherent to the sale of sale, as well as sending the relevant offers on behalf of its represented (the seller).

**AUSTRAL BUSINESS (Business Center Spain / Southern Africa)**, is **not authorized** to: Sign Contracts (SPA), prepare invoices or receive payments for the merchandise.

And for this document to have the appropriate effects, it is signed and sealed in the State of Washington on February 28<sup>th</sup>, 2023.

For and on behalf of **4X HOLDINGS, LLC**,



Mr. Andrew M. Karnath  
Director/CEO  
[andy@4xFuels.com](mailto:andy@4xFuels.com)





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# LIST OF COMPANIES AND PROJECTS REPRESENTED BY AUSTRAL BUSINESS

Below is a list of our “mainly represented” in various areas directly or indirectly linked to our supplies and/or projects in Southern Africa, Europe and other continents.

“**Nueve Prig**” machinery for mines, mining plants for processing gold, coltan and other minerals. Smelting furnaces and laboratory equipment for geology and mines, Portable equipment for the analysis of gold, diamonds and other minerals. <http://minerals-maquinaria.com/> - Seller Mandate.

**Satellite Soundings** (mines / oil & gas / agriculture / forests) pages 61 to 64.

**Freight: “Olloquiegui”** (continental logistics solutions) [www.olloquiegui.eu](http://www.olloquiegui.eu) sea, air and land freight anywhere in the world (see page 10).

### **EMPRESAS MINERAS Y COMERCIALIZADORAS REPRESENTADAS:**

MOFSA - XTRADA ASIA PTE LTD. - XRAGON GROUP - MIND ID - PT ASAHAN - NAD GOLD CO LTD - GL MINES LTD – G.M.Z. - AFRICA ORBIT - SOCIETE DIALLO INVESTMENTS SARL - GOLD, M. R. N’GOY. – BUROMETAL. We are seller mandate.

### **Companies and Projects in Various Areas:**

- “**Martin Investment**” ([www.sanmartininvestment.com](http://www.sanmartininvestment.com)). Seller mandate (África).
- “**I.G.U**” (**Private Infrastructure & Utilities**) [www.iguworld.com/](http://www.iguworld.com/) representative in Africa.
- “**Inoxagri**” (ingeniería para agroalimentación) [www.agrice.es](http://www.agrice.es) (project in África).
- “**Galacuatic**” (trabajos subacuáticos y verticales) [www.galacuatic.com](http://www.galacuatic.com) (project in África).
- “**Edimovisa**” (obra pública y privada) [www.edimovisa.com](http://www.edimovisa.com) (project in África).
- “**Prodinco**” (ingeniería de agricultura) [www.prodinco.es/](http://www.prodinco.es/) representative in Southern Africa.
- “**GAV**” (construcciones aeronáuticas, investigación y desarrollo) [www.galiciavionica.com](http://www.galiciavionica.com).
- “**Vargas Rifles**” handmade and personalized elaboration of weapons for safaris and hunting in general (you can request our catalog) representative in Africa.
- “**Stratecrops**” (sustainable agriculture projects). Project delegate in Southern Africa.

On the following pages: 11 to 62 you will find an image gallery with graphic examples of our activities and products.



### **BCI - Bank with which Austral Business operates:**

- Name: ..... Banco Comercial e de Investimento, SA
- Location: ..... Maputo / Mozambique
- Swift code: ..... CGDIMZMA
- Banking coordinates: ..... They will be provided at the appropriate time.
  
- Correspondent in Spain: ..... Caixa Geral de Depositos S.A. SUC. Spain
- Location: ..... ZIP: 28027 - Town: Madrid (Madrid)
- Bank code: ..... Entity 1513 - Bank 1513
- Office code: ..... 4000 | Bank and Office Number: 1513-4000



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N/Ref nº 249/SGP/CPI/2015  
Maputo, 31 de Agosto de 2015

### DECLARAÇÃO

A realização do projecto “**AUSTRAL BUSINESS**” foi autorizada por Despacho de 12 de Janeiro de 2015, de Sua Excelência o ex- Ministro da Planificação e Desenvolvimento, tendo por objecto a construção, distribuição, trânsito e exportação de productos petrolíferos e seus derivados, dentro e fora do país, incluído lubrificantes, solventes, químicos e aditivos.

O empreendimento a que se reporta a presente informação tem a sua sede e desenvolverá as suas actividades na Av. das Indústrias, Q.04, Município da Matola, Província de Maputo.

Sem outro assunto, a presentamos a V.Excia. os nossos cumprimentos de elevada estima e consideração.

Com os melhores cumprimentos.

Atenciosamente,

Emilio Ussene

Director dos Servicios de Gestão de Projectos



We carry out maritime freights (any part of the world and all kinds of merchandise).



Air freight (cargo lines and private planes).



Land freight (road and rail).







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Some graphical examples of our gold operations.







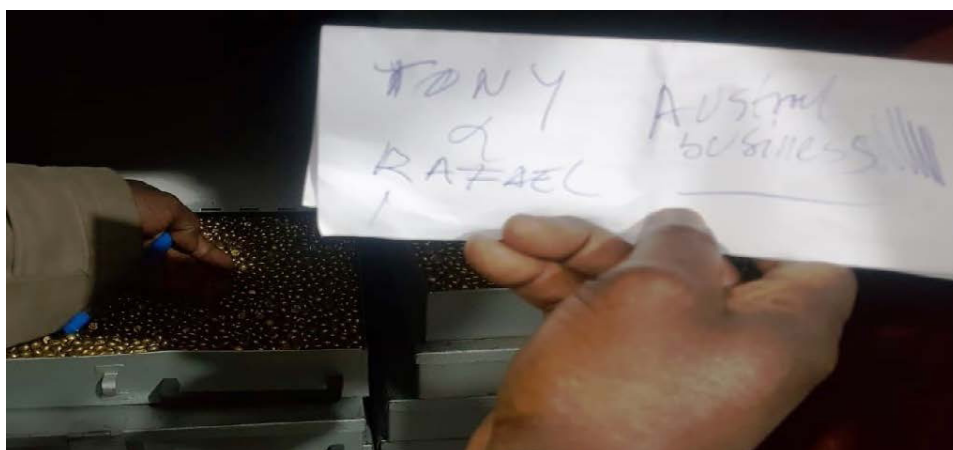
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Rough diamonds from South Africa, Lesotho, Eswatini, Botswana.







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**Rough Diamond 12.85 cts color I J clean no spot no  
glitch. Very good shape for a Very good recovery  
60% plus minus**





Rubies of montepuez (Mozambique).





# AUSTRAL BUSINESS

Certificates from eduardo mondlane university - geology (Mozambique).

**UNIVERSIDADE EDUARDO MONDLANE**  
Faculdade de Ciências  
Departamento de Física  
**LABORATÓRIO DE GEMOLOGIA**  
Campus Universitário  
Cel: 846831956;  
E-mail: akilas@mail.ru

**Certificado 1:0/2022**  
dos exames gemológicos do material. 07.07.22.

Exames gemológicos do material foram feitos por um Gemólogo Doutorado.  
Resultados dos exames são apresentados na Tabela:

N de amostra	Peso em quilates	Lapidação	Cor	Tonalidade	Transparência	Pureza (defeitos)	Dureza de Mohs	Peso específico	Conclusão
1	1.1	suficiente	vermelha	intensa	Translúcida	não se vê	9.0	3,96	rubi natural

Director do Laboratório  
Prof. Doutor Akil Askarhodjaev  
Maputo, 07.07.22.

*Handwritten signature and official stamp of the Gemology Laboratory, Universidade Eduardo Mondlane, Maputo.*

**UNIVERSIDADE EDUARDO MONDLANE**  
Faculdade de Ciências  
Departamento de Física  
**LABORATÓRIO DE GEMOLOGIA**  
Campus Universitário  
Cel: 846831956;  
E-mail: akilas@mail.ru

**Certificado 1:13/2022**  
dos exames gemológicos do material. 08.07.22.

Exames gemológicos do material foram feitos por um Gemólogo Doutorado.  
Resultados dos exames são apresentados na Tabela:

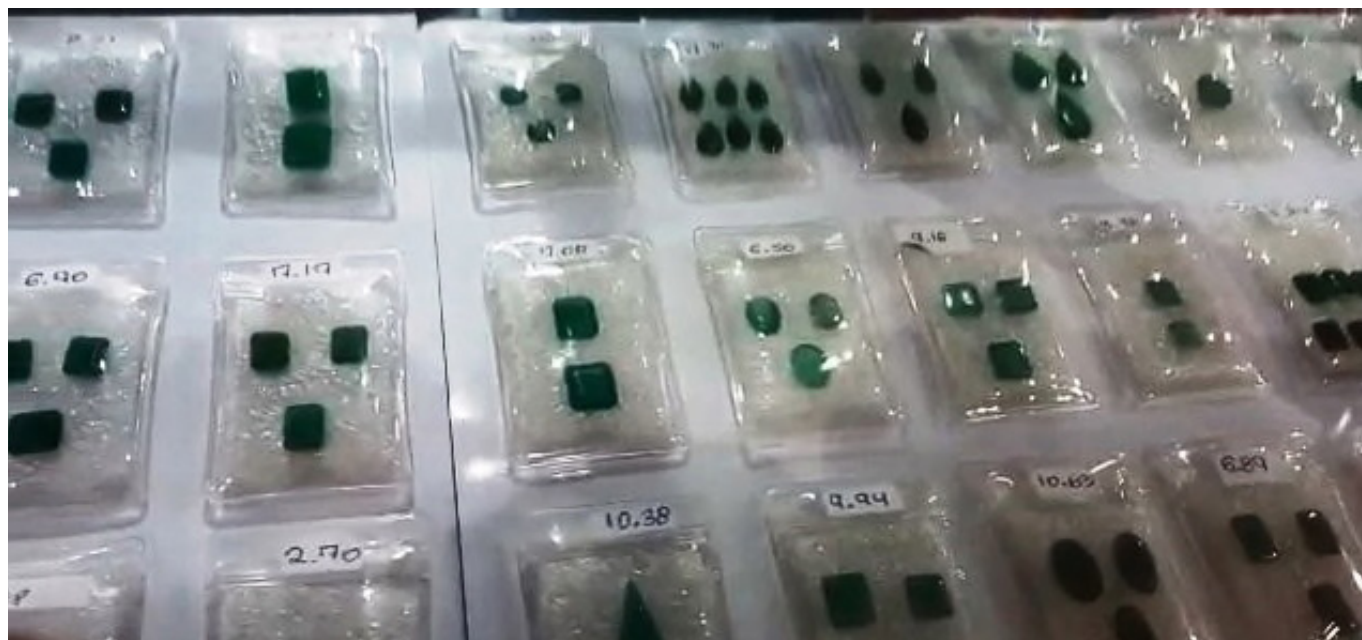
N de amostra	Peso em quilates	Sistema Cristalino	Cor	Tonalidade	Transparência	Pureza (defeitos)	Dureza de Mohs	Peso específico	Conclusão
1	24.8	Hexagonal	verde	intensa	Opaca	N	7,5	2.7	esmeralda natural

Director do Laboratório  
Prof. Doutor Akil Askarhodjaev  
Maputo, 08.07.22.

*Handwritten signature and official stamp of the Gemology Laboratory, Universidade Eduardo Mondlane, Maputo.*



Carved emeralds.



Carved emeralds.







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Emeralds in "rough".



Tourmalines.





Pink diamond of 71 rough carats.





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Some graphical examples of our copper and milberry cathodes.







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Copper cathodes. Smelting and refining factory.







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Examples of our aluminum ingots.





Examples of our finished aluminum billets for direct use in the aeronautical industry, automotive engines, turbine blades, special parts, etc.





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South Africa: Our coal RB1 (6,500 cal.), RB3 (5,500 cal.) and Anthracite (7,500 cal.).







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Coal port terminal (South Africa).







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Below: Images of the logistics corridor of the Mozambique coal mines.







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Some examples of our factory and equipment for mine assembly.



Electric furnaces for melting gold.

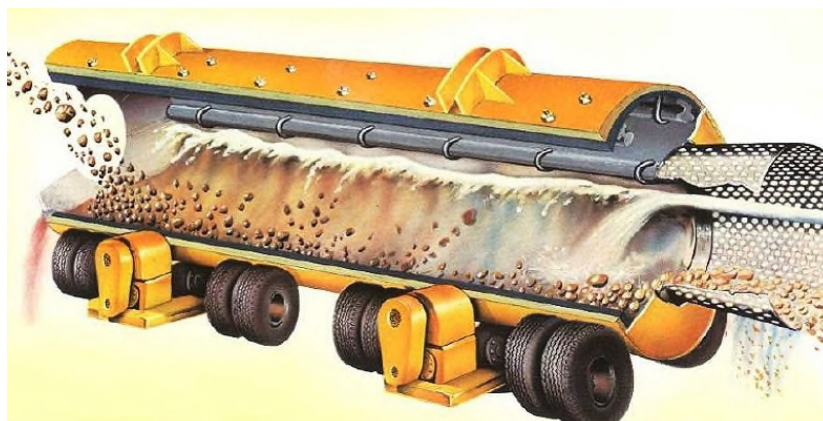


Analytical equipment, "portable" and "tabletop".





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Washing tunnels.

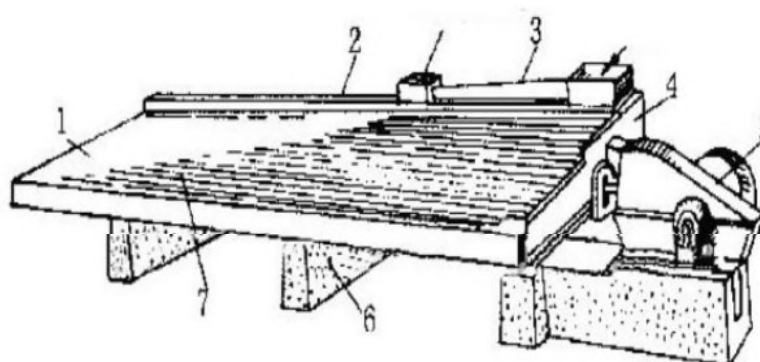
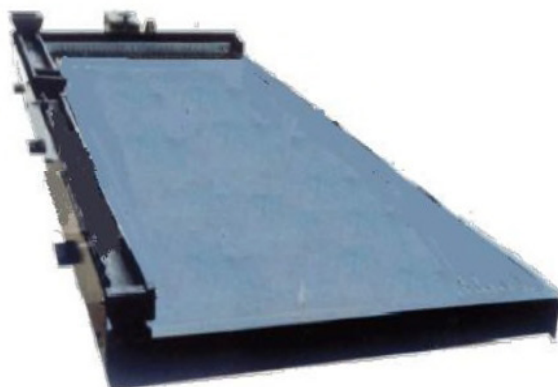




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Wheels - earth concentrators au - gravimetric tables.







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Below, PET-400-B mobile processing assembly.





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# DESKTOP, SPECTROMETRY AND RADIO FLUORESCENCE ANALYZERS





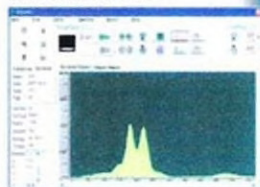
# AUSTRAL BUSINESS

## Equipo de análisis EDX 600

Unidad para el análisis de metales preciosos Au, Ag, Cu por espectrometría.

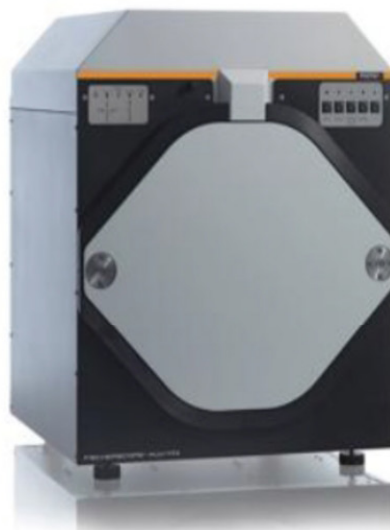
- El **EDX 600** es un equipo diseñado para el análisis de metales preciosos de manera fácil y sencilla obteniendo el porcentaje de oro, plata y cobre de la pieza analizada de manera rápida y precisa.
- Este equipo es idóneo para el análisis de piezas de joyería terminadas, o metales en curso utilizados en talleres de joyería y bisutería.
- El **EDX 600** no daña ni altera las piezas analizadas, siendo éste un análisis espectro-gráfico, penetrando el espectrómetro 30 a 50 micras por debajo de la superficie.
- El equipo **EDX 600** se suministra con un paquete de software interactivo y de fácil uso, con el cual obtendrá las lecturas de los análisis de forma gráfica.
- **Especificaciones del EDX 600**
  - Metales analizables: Au, Ag y Cu
  - Precisión del análisis: 0,05% (> 96%)
  - Tiempo de análisis: 60 a 100 s
  - Dimensiones: 500 x 400 x 400 mm (equipo de sobremesa)
  - Peso: 30,5 kg
  - PC: Opcional

Muestra del software.



XUV® 773

XAN® 120



We manage the supply of a varied range of military vehicles for troops protection and zone exploration, light naval units, and armored escort vehicles.







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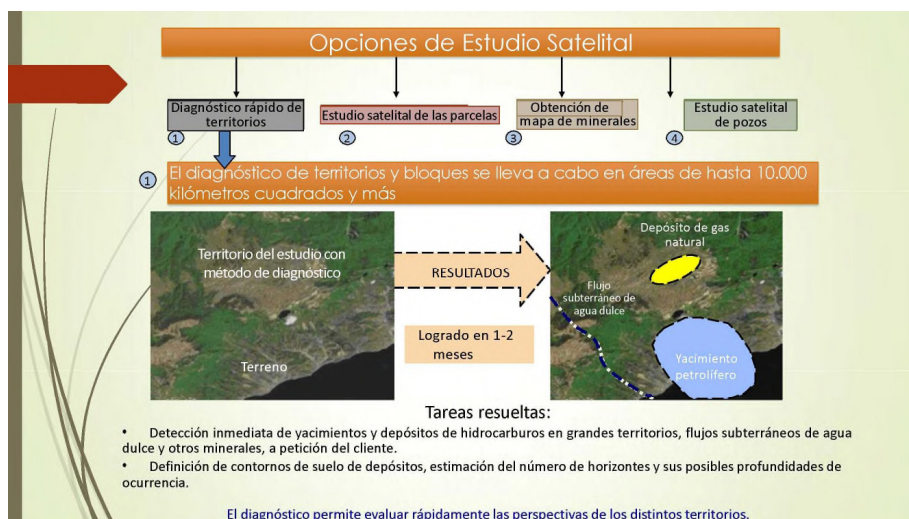




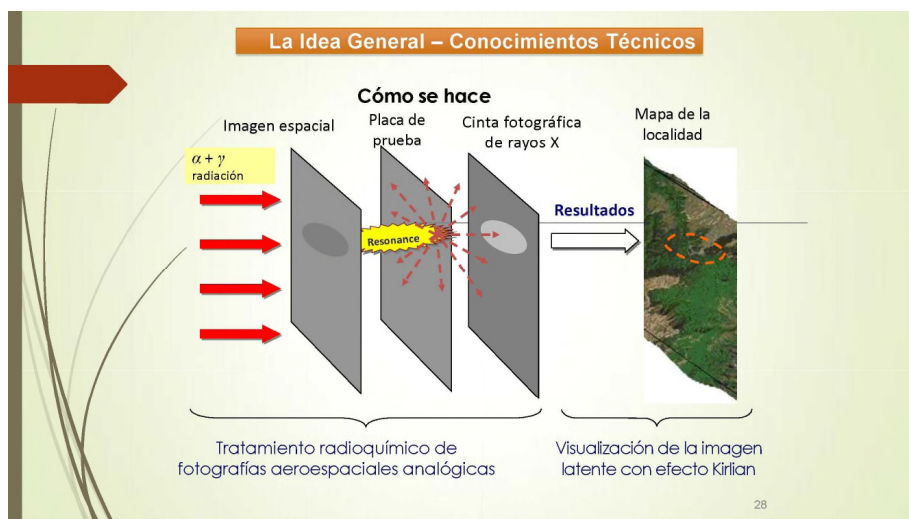
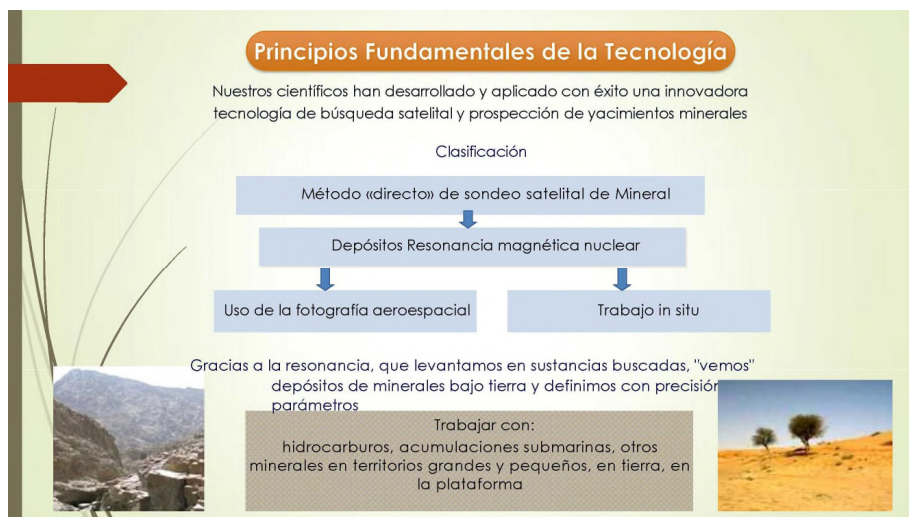
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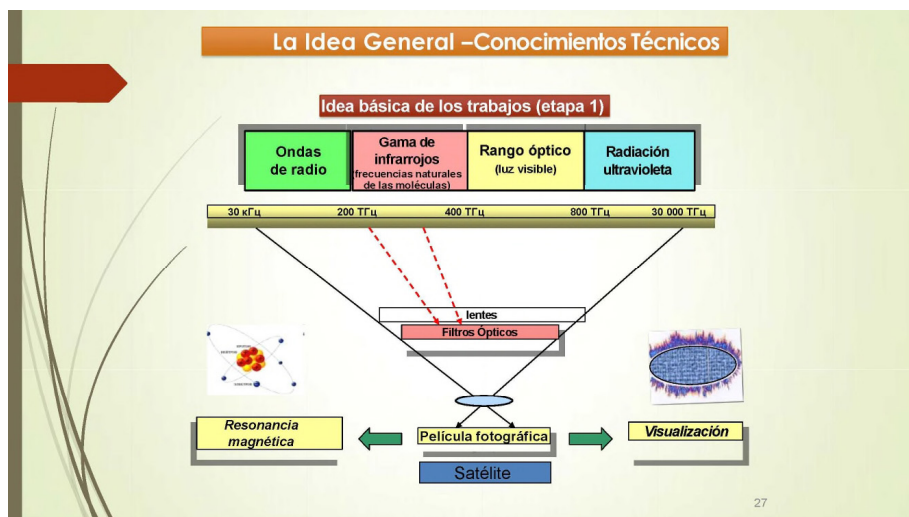
# SATELLITE SOUNDINGS

## Peculiaridades Técnicas y algunos Conocimientos de la Tecnología









### Peculiaridades del trabajo in situ

El sondeo profundo de un yacimiento se lleva a cabo de forma puntual mediante una señal de haz estrecho modulada espectralmente que resuena en la sustancia buscada  
Transmisión de parte del complejo de equipos móviles



The section describes the peculiarities of field work. It includes three photographs: a large central photo showing a complex of electronic equipment (including a laptop, a power supply, and various cables) set up on the ground; a smaller photo on the left showing a person operating the equipment; and a smaller photo on the right showing a group of people standing near the equipment. Below the photos, a caption states: 'El trabajo in situ es totalmente inofensivo para las personas y el medio ambiente'.

El trabajo in situ es totalmente inofensivo para las personas y el medio ambiente



## Secuencia de operación

Nº	lista de trabajos de detección satelital e investigación de yacimientos
1	<b>Trabajos de preparación</b> Pedido y obtención de fotografías aeroespaciales del territorio investigado. Pedido y obtención de reactivos químicos ultra-puros. Fabricación en laboratorio de placas de gel de prueba. Registro del espectro electromagnético de la sustancia buscada en placas de ensayo.
2	<b>Identificación de objetos</b> Procesamiento radiactivo de fotografías aeroespaciales en un reactor de investigación con placas de prueba de la sustancia buscada y película sensible de rayos X. Procesamiento químico de negativos que han sufrido impacto radiactivo e informativo energético en el reactor nuclear.
3	<b>Descifrado de objetos del contorno</b> Visualización de los contornos del objeto y también de los torrentes entrantes y salientes con la ayuda de la cámara Kirlian. Obtención de la imagen del ordenador con la ayuda de la cámara digital conectada a la cámara Kirlian.
4	<b>Calibración fotogramétrica</b> de la imagen informática del objeto (conexión geográfica de los puntos de la imagen y del área).
5	<b>Elación del objeto</b> - definición de su tamaño, forma y ubicación en la zona según la fotografía.
6	<b>Procesamiento de datos analíticos</b> obtención de coordenadas de camas y cálculo de suministros.
7	<b>Elaboración del informe</b> y entrega del mismo al cliente.

## Implementación Técnica

### Idea Básica

Tratamiento radioquímico de las fotografías aeroespaciales analógicas del territorio inspeccionado



### Efectos físicos subyacentes

- resonancia magnética
- energía -transferencia de información de la muestra de radiación a la sustancia de ensayo
- visualización química y electrónica (efecto Kirlian) de la imagen latente



### Qué se utiliza

- Reactor de investigación «RR-100»
- Imágenes espaciales de los territorios obtenidos en los bajos de la gama de frecuencias infrarrojas
- Reactivos químicos de alta pureza y placas de gel
- Placas fotográficas de rayos X de alta velocidad



Iron ore from South Africa.









THANKS