



PROFILE B / COMMODITY & PARTNERSHIP CATALOGUE

The resources. The products. The partnership.

From Greenfield Opportunity to
Commercial Asset and End User



ILLUSTRATIVE MINERALS, METALS, OIL & GAS

Project Origination • Exploration • Mine Development
Beneficiation • Investment Partnerships • Offtake
Trading • Advisory



OUR ROLE

We originate. We develop. We connect.

Mhatu Minerals and Investments (Pty) Ltd is a principal-led African mining, energy and commodities platform. We originate our own projects and partner with landowners, mineral-rights holders, producers, investors and industrial participants.

We advance opportunities from initial identification through exploration, development, production, processing and delivery to end users. Geological assessment, engineering, commercial planning, investment partnerships and market access are brought into one development process.

OUR OWN PROJECTS

We initiate proprietary projects and participate through joint ventures, development and operating partnerships.

THIRD-PARTY MANDATES

Clients may engage us for commodity supply, a specific workstream or standalone consulting across the full lifecycle.

TAILORED TO THE RESOURCE

Each solution reflects the geology, product potential, project maturity, infrastructure and requirements of intended customers.

DEFINED COMMERCIAL ROLE

Our mandate establishes the scope, responsibilities, evidence required, counterparties and next decision.

HOW TO USE PROFILE B

Find your commodity on pages 08-27, your partnership route on page 30, and the information to submit on page 31.



DIRECTORY

Find your route to Mhatu.

Select a commodity family or a development workstream. Each entry connects to the relevant pages.

DEVELOPMENT & EXECUTION

04-07

Origination, exploration, investment, processing and offtake

PRECIOUS METALS & GEMSTONES

08-10

Gold, silver, all six PGMs, diamonds and gemstone opportunities

BASE & FERROUS METALS

11-13

Copper, cobalt, nickel, zinc, tin, chrome, manganese and iron

STRATEGIC MINERALS

14-15

Lithium, vanadium, titanium, tantalum, tungsten and antimony

ALL 17 RARE EARTH ELEMENTS

16-19

Individual elements, commercial groups and processing routes

NUCLEAR, COAL & INDUSTRIAL

20-23

Uranium, coal, industrial minerals and construction materials

ENERGY & AGRICULTURE

24-27

Petroleum, fuels, gas, power, soft commodities and fertilisers

PARTNERSHIP & SUPPORT

28-31

Logistics, consulting, partner directory and opportunity submission

REFERENCE & CONTACT

32-36

Alphabetical index, MIDRES, MV Aegis Prime and contact

Portfolio edition: 12 October 2026. Confirm current availability and project status for each enquiry.



INTEGRATED DEVELOPMENT / 01

Start with the ground.

We originate our own opportunities and assess properties introduced by landowners, rights holders and project owners.

01 / PROPERTY & AUTHORITY

Review location, coordinates, tenure, prospecting or mining rights, access, mandates and the authority to advance the opportunity.

02 / GEOLOGICAL EVIDENCE

Review historical work, geological reports and existing assays. Identify the principal target and additional mineral potential supported by the geology.

03 / STAGED EXPLORATION

Design, undertake and coordinate mapping, surveys, sampling, laboratory analysis and drilling through appropriate technical specialists.

04 / RESOURCE EVALUATION

Assess mineralisation, continuity, grade and data quality. Resource estimation follows only where sufficient supporting evidence exists.

FULL EXPLORATION IS TAILORED

The deposit, available evidence and results determine the work programme. Mineral identification is the starting point; further work establishes commercial potential.



INTEGRATED DEVELOPMENT / 02

Build the investment case.

We develop greenfield and existing projects towards bankability through evidence, commercial discipline and defined markets.

TECHNICAL FOUNDATION

Geological evidence, resource evaluation, metallurgical testwork, recovery assumptions and development studies.

DELIVERY REQUIREMENTS

Mine planning, infrastructure, power, water, logistics, development budgets and implementation milestones.

COMMERCIAL CASE

Saleable products, customer requirements, cost estimates, market assessment, project economics and sensitivities.

PROJECT READINESS

Rights, authorisations, land access, environmental and stakeholder dependencies, delivery partners and governance.

INVESTMENT PROPOSITION

Project screening, business-case development, investment-proposal preparation and negotiations with suitable partners.

PARTICIPATION STRUCTURE

Equity partnerships, joint ventures, earn-in arrangements, operating partnerships and project-specific development structures.

INVESTMENT PARTNERSHIPS

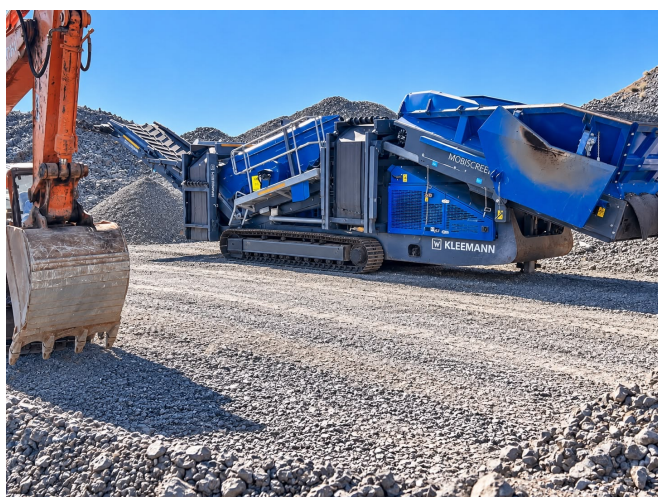
We engage investors and industrial partners around a sound business case. Bankability depends on technical viability, project economics, project readiness and prospective funders' requirements; investment remains subject to their assessment and agreement.



INTEGRATED DEVELOPMENT / 03

Make the product fit the market.

We participate as principal, development partner or operator and coordinate solutions with appropriate technical specialists.



SUPPLIED / SCREENING EQUIPMENT

Mine development & operations

Mining contracting, drilling and blasting, production planning and operational coordination are tailored to the agreed project scope.

The processing route reflects mineralogy, grade, impurities, recoveries, volumes, infrastructure and delivery economics.

PHYSICAL PREPARATION

Crushing, screening, washing, concentration and beneficiation to improve the product.

PRODUCT CONTROL

Blending, quality assurance and qualification against customer specifications.

PROCESSING PARTNERS

Toll processing, concentrator, smelter and refinery arrangements matched to the feedstock.

INDUSTRIAL SUPPLY

Direct supply where material already meets an industrial consumer's requirements.

MULTI-COMMODITY DEPOSITS

Assess each recoverable product. Where several metals remain in one concentrate, address payable metals, treatment and refining charges, and impurity penalties.



INTEGRATED DEVELOPMENT / 04

Structure supply around the buyer.

Market access develops alongside technical planning. Each commercially viable product is assessed against a defined customer requirement.

01 / PRODUCT

Verified assays, grade, quality, mineralogy, impurities and acceptance criteria.

02 / VOLUME

Available or forecast saleable quantities, delivery schedule and supply duration.

03 / ROUTE

Processing and beneficiation requirements, storage and handling arrangements.

04 / ECONOMICS

Pricing basis, payable components, deductions, payment terms and agreed allocation of costs.

05 / DELIVERY

Delivery point, transport, export arrangements, documentation and handover responsibilities.

06 / EXECUTION

Qualified counterparties, commercial negotiations, contract terms and delivery coordination.

SEPARATE PRODUCTS OR ONE CONCENTRATE

A copper, gold and cobalt project may support separate offtakes if distinct saleable products can be recovered. If the metals remain in one concentrate, the agreement instead addresses the payable metals within that product.

DISCUSS THIS OPPORTUNITY

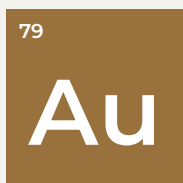
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COMMODITY FAMILY / PRECIOUS METALS

Gold & silver.

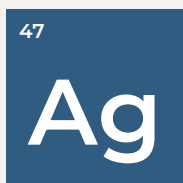
Exploration, project development, recovery and refining routes, investment partnerships and product-specific offtake.



Gold

Mineral-bearing material, concentrates, doré or refined metal, as supported by the mandate.

Assess grade, recovery route, provenance, payable content and refinery acceptance.



Silver

Silver-bearing material, concentrates or refined metal, as supported by the mandate.

Assess recovery, associated metals, product quality and suitable refining or industrial customers.

PROJECT OWNERS

Bring geological evidence, rights, development stage and potential production.

BUYERS & REFINERS

Specify accepted product form, quality, volume, location and commercial requirements.

DISCUSS THIS OPPORTUNITY

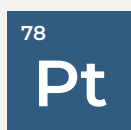
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COMMODITY FAMILY / PLATINUM GROUP METALS

All six platinum group metals.

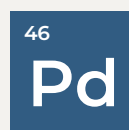
Explore the deposit, assess the recoverable basket and identify a suitable concentration, smelting and refining route.



Platinum

Product: PGM-bearing feedstock or qualified refined product.

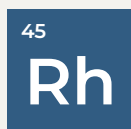
Recovery, smelter/refinery and buyer assessment.



Palladium

Product: PGM-bearing feedstock or qualified refined product.

Recovery, smelter/refinery and buyer assessment.



Rhodium

Product: Payable content or qualified separated product.

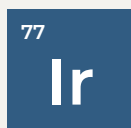
Recovery and specialist refinery evaluation.



Ruthenium

Product: Payable content or qualified separated product.

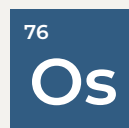
Recovery and specialist refinery evaluation.



Iridium

Product: Payable content or qualified separated product.

Recovery and specialist refinery evaluation.



Osmium

Product: Project-specific recoverable or refined material.

Specialist recovery and customer qualification.

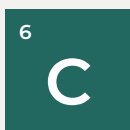
DISCUSS THIS OPPORTUNITY

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COMMODITY FAMILY / DIAMONDS & GEMSTONES

Assess the deposit. Qualify the stones.



Diamonds

Product: Rough diamonds or project-specific recovery opportunities.

Exploration, deposit assessment and market access.



Other gemstones

Product: Gemstone opportunities identified and assessed individually.

Recovery planning, product grading and buyer fit.

GEOLOGICAL POTENTIAL

Review deposit setting, existing exploration, sampling and evidence of recoverable material.

RECOVERY PLANNING

Evaluate the appropriate recovery route, expected product characteristics and operating requirements.

PRODUCT QUALIFICATION

Establish the relevant identification, grading, quality and documentation for the intended market.

COMMERCIAL DEVELOPMENT

Structure development partnerships, investment participation and suitable market access.

A DEFINED OPPORTUNITY

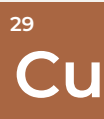
Additional gemstone species are considered against the actual deposit and market. Submit identification and supporting evidence for assessment.



COMMODITY FAMILY / BASE METALS

Five metals. Multiple product routes.

Product form follows the mineralogy, processing route and customer requirement. Each product receives its own commercial assessment.



Copper

Product: Run-of-mine (ROM), concentrates and cathodes.

Mine development, processing and industrial supply.



Cobalt

Product: Cobalt-bearing material and suitable saleable products.

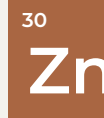
Recoverability, processing partnerships and offtake.



Nickel

Product: Nickel-bearing material and suitable saleable products.

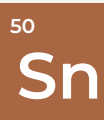
Beneficiation, refining routes and buyer qualification.



Zinc

Product: Zinc-bearing material and suitable saleable products.

Concentration, smelter arrangements and offtake.



Tin / cassiterite

Product: Tin-bearing ore or concentrate, including cassiterite.

Recovery planning, beneficiation and market access.

CROSS-MARKET RELEVANCE

Copper, cobalt and nickel also serve strategic and battery-material supply chains where product specifications are met.

DISCUSS THIS OPPORTUNITY

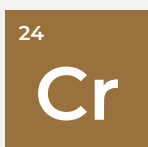
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COMMODITY FAMILY / FERROUS MINERALS

Chrome. Manganese. Iron.

Mining, washing, crushing, screening, beneficiation, blending, logistics and commodity-specific offtake.



Chrome / chromite

Run-of-mine material and chrome ore. Chrome concentrates are covered on page 13.

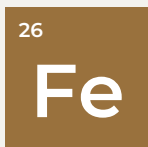
Assess assays, mineralogy, grade, sizing, recoverability and the intended market.



Manganese ore

Run-of-mine or prepared manganese ore, subject to the project and product specification.

Assess grade, size distribution, impurities, moisture and customer acceptance.



Iron ore

Run-of-mine or prepared iron ore, with beneficiation and blending where justified.

Assess product quality, processing requirements, volumes and delivery economics.

DISCUSS THIS OPPORTUNITY

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COMMODITY FAMILY / METALLURGICAL PRODUCTS

Upgrade the value of the material.

Processing and trading mandates may extend to concentrates, ferroalloys and other qualified metallurgical products.

24

Cr

Chrome concentrates

Product: Beneficiated chrome material meeting agreed specifications.

Washing, concentration, blending and smelter feed.

FeCr

Ferrochrome

Product: Qualified ferrochrome products for the agreed mandate.

Smelter partnerships and metallurgical supply.

26

Fe

Pig iron

Product: Pig iron matched to customer chemistry and form.

Production partnerships and industrial offtake.

ALLOY

Other ferroalloys

Product: Defined alloy chemistry, grade and physical form.

Project-specific sourcing and customer qualification.

PROCESSOR OR SMELTER

Set out feedstock chemistry, sizing, volumes, plant capability and acceptance terms.

METALLURGICAL BUYER

Specify alloy, chemistry, form, packaging, monthly demand and delivery point.

DISCUSS THIS OPPORTUNITY

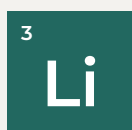
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COMMODITY FAMILY / STRATEGIC & BATTERY MINERALS

Strategic industrial minerals.

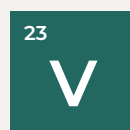
Exploration, metallurgical assessment, development, processing partnerships and qualified industrial supply.



Lithium

Product: Lithium-bearing material and appropriate saleable products.

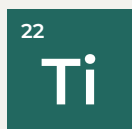
Metallurgical assessment, upgrading and buyer fit.



Vanadium

Product: Vanadium-bearing minerals and relevant products.

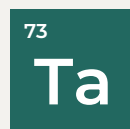
Recovery route, processing and industrial partners.



Titanium-bearing materials

Product: Titanium-bearing minerals and materials.

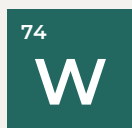
Mineralogy, processing and customer qualification.



Tantalum

Product: Tantalum-bearing material and suitable products.

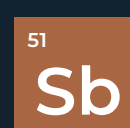
Recovery, concentration and specialist supply.



Tungsten / wolframite

Product: Tungsten-bearing material, including wolframite.

Beneficiation and specialist industrial markets.



Antimony

A dedicated product and partnership brief follows on page 15.

DISCUSS THIS OPPORTUNITY

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COMMODITY FOCUS / ANTIMONY

Antimony. Individually recognised.

Antimony is included within Mhatu's strategic mineral portfolio for exploration, development, processing partnerships and qualified supply.

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Sb

ANTIMONY

Stibnite is its principal ore mineral. Opportunities may involve antimony-bearing ore, concentrate, metal or oxide products, depending on recoverability, processing and the mandate.

RESOURCE & RECOVERY

Review geological evidence, antimony distribution, grade, mineralogy and the appropriate recovery route.

PRODUCT ROUTE

Assess concentration, further processing, product purity and the capability of suitable industrial partners.

INDUSTRIAL MARKETS

Potential markets include flame-retardant materials and alloy supply chains, subject to product qualification.

PARTNERSHIP

Engage project owners, processors, strategic investors and buyers around a defined commercial case.

INFORMATION TO SUBMIT

Provide location, rights or mandate, assay and impurity data, mineralogy if known, available volumes, proposed product form and the assistance required.

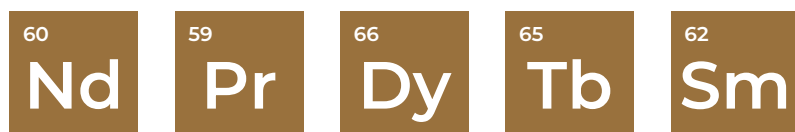


RARE EARTH ELEMENTS / COMPLETE DIRECTORY

All 17. Clearly identified.

Practical commercial groups help partners find the relevant opportunity. Applications overlap; this is not a market-value ranking.

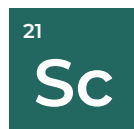
PERMANENT-MAGNET MATERIALS / 5



TECHNOLOGY, MEDICAL & OPTICAL / 8



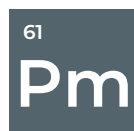
SPECIALIST ALLOY MATERIALS / 1



BULK INDUSTRIAL RARE EARTHS / 2



RADIOACTIVE SPECIAL CASE / 1



THE PRODUCT ROUTE MATTERS

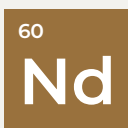
Assess element distribution, mineralogy, grade, recoverability and separation requirements. Products may be mixed concentrates, intermediates, separated oxides or metals.



RARE EARTH ELEMENTS / PERMANENT-MAGNET MATERIALS

The magnet-material group.

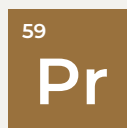
Each element is evaluated within the deposit's recoverable product basket and the requirements of a suitable processing or industrial partner.



Neodymium

Product: Potential concentrate, intermediate, oxide or metal.

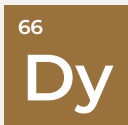
Permanent-magnet material supply chains.



Praseodymium

Product: Potential concentrate, intermediate, oxide or metal.

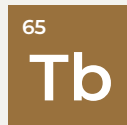
NdPr and permanent-magnet material supply chains.



Dysprosium

Product: Potential concentrate, intermediate, oxide or metal.

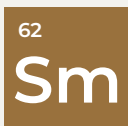
Specialist magnet-performance applications.



Terbium

Product: Potential concentrate, intermediate, oxide or metal.

Specialist magnet-performance applications.



Samarium

Product: Potential concentrate, intermediate, oxide or metal.

Samarium-cobalt magnet-material supply chains.

PROJECT PARTNERSHIP

Exploration, metallurgical testwork, separation partners, investment participation and offtake for qualified products.

DISCUSS THIS OPPORTUNITY

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RARE EARTH ELEMENTS / SPECIALIST APPLICATIONS

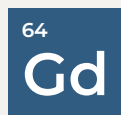
Eight specialist REEs.

Potential markets shown below refer to processed materials within specialist supply chains; product acceptance is application-specific.



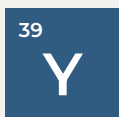
Europium

Phosphor and specialist display-material supply chains.



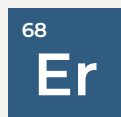
Gadolinium

Medical-material and nuclear-related applications.



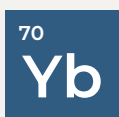
Yttrium

Ceramic, phosphor and laser-material applications.



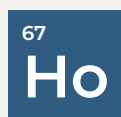
Erbium

Fibre-optic and specialist optical-material markets.



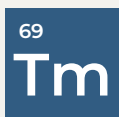
Ytterbium

Laser and other specialist technology materials.



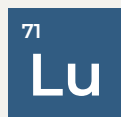
Holmium

Specialist magnetic and laser-material applications.



Thulium

Specialist laser, optical and medical-material uses.



Lutetium

Medical-imaging and specialist technology materials.

PARTNERSHIP / Evaluation, separation, processing and qualification for specialist customers.

DISCUSS THIS OPPORTUNITY

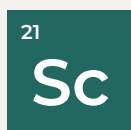
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RARE EARTH ELEMENTS / ALLOYS, BULK & SPECIAL CASE

Four distinct commercial contexts.

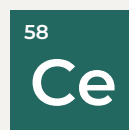
Scandium, cerium and lanthanum are assessed against their respective markets. Promethium completes the scientific list.



Scandium

Product: Project-specific separated or intermediate products.

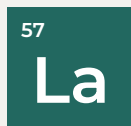
Specialist alloy and other industrial supply.



Cerium

Product: Qualified concentrate, intermediate, oxide or metal.

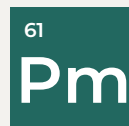
Polishing, catalysts, glass and industrial uses.



Lanthanum

Product: Qualified concentrate, intermediate, oxide or metal.

Catalysts, glass, optics and battery applications.



Promethium

Product: Scientific completeness only.

Radioactive; not a conventional mined commodity.

SEPARATION BEFORE SEPARATE SALES

An element occurring in an assay is not automatically a saleable product. Individual element sales require an appropriate recovery and separation route; some projects support mixed products.

REE completeness: 5 magnet + 8 specialist + 1 alloy + 2 bulk + 1 special case = 17 elements.



COMMODITY FAMILY / NUCLEAR ENERGY MINERALS

Uranium-bearing opportunities.

Current portfolio scope: exploration and evaluation, technical studies and potential strategic development partnerships.



A staged technical mandate

We assess uranium-bearing mineral opportunities through project-specific geological, technical, environmental and commercial evaluation.

RESOURCE EVIDENCE

Review location, rights, existing geology, sampling, assays and historical exploration.

TECHNICAL ASSESSMENT

Define the studies and specialist work needed to establish mineral potential and possible development routes.

PROJECT CONDITIONS

Identify access, infrastructure, environmental and authorisation dependencies relevant to the opportunity.

STRATEGIC PARTNERS

Assess project fit and engage appropriate technical and development participants for the defined mandate.

ENQUIRY FOCUS

Submit the property or project, available geological records, rights information and the evaluation or development support required.



COMMODITY FAMILY / COAL

Coal. Specification-led supply.

Exploration, mine development, processing, supply, logistics and offtake, including products meeting agreed RB1, RB2 and RB3 specifications.

RB1

RB1 specification

Supply is qualified against the buyer's complete agreed quality schedule, available volumes and delivery requirements.

RB2

RB2 specification

Supply is qualified against the buyer's complete agreed quality schedule, available volumes and delivery requirements.

RB3

RB3 specification

Supply is qualified against the buyer's complete agreed quality schedule, available volumes and delivery requirements.

DEFINE THE FULL QUALITY SCHEDULE

Provide the required calorific-value basis, ash, moisture, sulphur, sizing and other acceptance limits. RB labels alone do not replace the agreed product specification.

DISCUSS THIS OPPORTUNITY

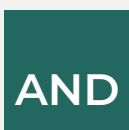
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COMMODITY FAMILY / INDUSTRIAL MINERALS

Qualify the mineral for its use.

Deposit evaluation, processing, product qualification and industrial customer supply across the named mineral portfolio.



Andalusite

Product: Andalusite-bearing material and qualified products.

Deposit assessment and appropriate industrial markets.



Silica

Product: Silica-bearing material to an agreed specification.

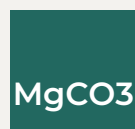
Purity, processing and end-use qualification.



Silica sand

Product: Specified silica sand products.

Grading, quality control and industrial supply.



Magnesite

Product: Magnesite-bearing material and qualified products.

Processing route and suitable industrial customers.

APPLICATION DETERMINES ACCEPTANCE

Chemical composition, mineralogy, particle size, impurities and physical performance are assessed against the intended customer's requirements. Additional industrial minerals are considered where supported by project evidence.

DISCUSS THIS OPPORTUNITY

invest@mhatuminerals.africa



COMMODITY FAMILY / CONSTRUCTION MATERIALS

Materials for projects on the ground.

Resource assessment, production partnerships, processing and supply to construction and infrastructure markets.

GS

General sand

Source, grading and intended use.

BS

Building sand

Product quality and construction requirement.

ST

Stone

Source, dimensions and intended application.

CS

Crushed stone

Crushing, sizing and customer specification.

AGG

Aggregates

Grading and required physical performance.

GR

Gravel

Source, grading and delivery requirements.

CL

Clay

Material properties and intended application.

DEFINE THE DELIVERY

Quantity, location, schedule, testing requirements and site access.

DISCUSS THIS OPPORTUNITY

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COMMODITY FAMILY / PETROLEUM & FUEL

Supply the specified fuel.

Sourcing, supply, storage, distribution, logistics and customer delivery within the agreed product and commercial mandate.

CRU

Crude oil

Product: Crude oil against a defined grade and specification.

Sourcing, supply arrangements and delivery.

DSL

Diesel

Product: Diesel against the required product specification.

Bulk supply, storage and distribution.

PET

Petrol

Product: Petrol against the required grade and specification.

Sourcing, supply and customer delivery.

FO

Fuel oil

Product: Fuel oil against the required quality parameters.

Industrial supply, logistics and delivery.

REF

Other refined products

Product: Named refined petroleum products, assessed individually.

Specification-led sourcing and supply.

BUYER REQUIREMENT

Product and grade, quality documents, volume, schedule, delivery point, storage and payment terms.

DISCUSS THIS OPPORTUNITY

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COMMODITY FAMILY / GAS & ENERGY

Connect energy to the operation.

Project development, supply partnerships, investment participation and industrial energy solutions.

GAS SUPPLY

Define the gas product, specification, physical form, volumes, supply period and delivery interface.

GAS INFRASTRUCTURE

Assess storage, distribution and connection requirements within the scope of a specific project.

POWER PROJECTS

Assess the energy demand, development concept, project participants and potential investment case.

INDUSTRIAL ENERGY SOLUTIONS

Integrate appropriate power or gas infrastructure with mine, processing, logistics and industrial development.

FROM REQUIREMENT TO PROJECT

Start with the customer's demand, the project location and existing infrastructure. Define the technical scope, commercial structure, delivery responsibilities and evidence required to advance the opportunity.

DISCUSS THIS OPPORTUNITY

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COMMODITY FAMILY / AGRICULTURE & SOFT COMMODITIES

Bulk commodities. Defined quality.

Sourcing, structured trade, bulk supply, logistics and offtake for the specified product and destination.



Maize

Product: Maize against the agreed grade and specification.

Bulk supply, packing and destination requirements.



Rice

Product: Rice against the agreed type, grade and specification.

Sourcing, packing and delivery planning.



Sugar

Product: Sugar against the agreed grade and specification.

Bulk or packaged supply and customer delivery.



Sunflower oil

Product: Sunflower oil in the required specification and pack.

Sourcing, bulk or packaged supply and distribution.



Other edible oils

Product: Named edible oils, assessed against the requirement.

Quality, packaging, origin and delivery qualification.



Selected agricultural products

Product: Additional agricultural commodities by mandate.

Define the product, quality, volume and destination.

DISCUSS THIS OPPORTUNITY

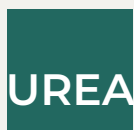
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COMMODITY FAMILY / FERTILISERS & AGRICULTURAL INPUTS

Inputs for agriculture.

Supply partnerships, distribution and agricultural customer requirements, led by a defined product specification.



Urea

Product: Urea against the agreed agricultural specification.

Supply partnerships, bulk delivery and distribution.



Related fertilisers & inputs

Product: Named fertilisers or agricultural inputs by mandate.

Product qualification and customer requirements.

PRODUCT & QUALITY

Required product, grade, composition, physical form and supporting quality documents.

VOLUME & PACKING

Order quantity, bulk or bagged supply, pack size and supply schedule.

DESTINATION & DELIVERY

Destination, storage, handling, transport and distribution requirements.

COMMERCIAL TERMS

Pricing basis, inspection, payment, delivery responsibilities and acceptance.

DISCUSS THIS OPPORTUNITY

invest@mhatuminerals.africa



EXECUTION / LOGISTICS & INFRASTRUCTURE

Connect production with delivery.

Mhatu coordinates the infrastructure and logistics needed to connect resource development, production and markets.



BULK MATERIAL HANDLING

SUPPLIED / BULK OFFLOADING



SUPPLIED / WAREHOUSE TRANSPORT

LAND & STORAGE

Road haulage, cross-border transport, warehousing and bulk storage.

PORT & MARINE

Port handling, shipping, marine freight, export coordination and downstream delivery.

MINE & INDUSTRIAL

Site establishment, civil works, roads, processing facilities and industrial infrastructure.

ENERGY & TERMINALS

Storage terminals, power and gas infrastructure, integrated with the delivery requirement.

DISCUSS THIS OPPORTUNITY

invest@mhatuminerals.africa



CONSULTING & ADVISORY

A complete journey. Or one defined workstream.

Clients may engage Mhatu for standalone or integrated consulting, with technical work delivered or coordinated through appropriately qualified specialists.

01 / Project identification

Opportunity screening and origination.

02 / Exploration strategy

Programme design and technical-work coordination.

03 / Resource & development

Resource evaluation and development planning.

04 / Investment readiness

Assess the project's readiness for investment.

05 / Processing routes

Beneficiation, smelter and refinery-route assessment.

06 / Business case

Commercial evaluation and business-case development.

07 / Investor engagement

Investor identification and proposal preparation.

08 / Partnership structuring

Joint ventures and strategic partnerships.

09 / Offtake strategy

Buyer engagement, negotiations and market access.

10 / Delivery planning

Logistics, export planning and end-user delivery.

11 / Implementation

Execution planning and operational coordination.

DISCUSS THIS OPPORTUNITY

invest@mhatuminerals.africa



PARTNER WITH MHATU

Identify your partnership.

Choose the relationship that matches your role, the opportunity and the decision you need to advance.

Landowner / rights holder

Establish mineral potential and plan exploration.

Submit a Property for Exploration

Greenfield project owner

Advance an early opportunity towards an investment case.

Discuss Greenfield Development

Mine / project owner

Develop, expand, restart or improve a project.

Discuss a Development or Operating Partnership

Producer / mineral supplier

Upgrade material, assess processing or establish offtake.

Request Processing or Offtake Support

Smelter / refinery / processor

Identify feedstock or develop processing partnerships.

Discuss Feedstock and Processing Requirements

Industrial buyer / end user

Source a defined mineral, metal, fuel or agricultural product.

Submit a Product Requirement

Investor / strategic partner

Assess commercially credible project participation.

Discuss Investment Opportunities

Client requiring specialist support

Obtain advice on one stage or the complete journey.

Request Consulting and Advisory

Logistics / infrastructure partner

Support project execution and delivery to market.

Propose an Execution Partnership



SUBMIT YOUR OPPORTUNITY

Start with the information you have.

Early-stage enquiries are welcome even where mineral potential has not yet been established.

01 / YOUR ROLE

Name, company, contact details and your relationship to the property, project, product or requirement.

02 / LOCATION

Property or project name, country, location and coordinates where relevant.

03 / AUTHORITY

Land, prospecting or mining-rights details, and relevant mandates or access information.

04 / COMMODITY

Known or suspected minerals, or the precise product you need.

05 / EVIDENCE

Geological reports, assays, drilling information or product specifications already available.

06 / SCALE & STAGE

Project maturity, production capacity, available supply or required volumes.

07 / INFRASTRUCTURE

Existing infrastructure, intended delivery location and material logistics constraints.

08 / SUPPORT REQUIRED

Exploration, development, processing, investment partnership, offtake, logistics or advisory.

SEND A CONCISE BRIEF

Email invest@mhatuminerals.africa with the commodity, location and assistance required in the subject line. Attach the evidence currently available.



ALPHABETICAL REFERENCE

Commodity index / A-L

Select an entry to open its product page. Related forms and synonyms point to the same commodity brief.

Aggregates	23	Erbium (Er)	18
Agricultural commodities, selected	26	Europium (Eu)	18
Andalusite	22	Ferroalloys, other	13
Antimony (Sb)	15	Ferrochrome	13
Building sand	23	Fertilisers and agricultural inputs	27
Cassiterite / tin (Sn)	11	Fuel oil	24
Cerium (Ce)	19	Gadolinium (Gd)	18
Chrome / chromite (Cr)	12	Gas supply and infrastructure	25
Chrome concentrates	13	Gemstone opportunities, other	10
Clay	23	General sand	23
Coal	21	Gold (Au)	08
Cobalt (Co)	11	Gravel	23
Copper (Cu): ROM, concentrates, cathodes	11	Holmium (Ho)	18
Crude oil	24	Industrial minerals, additional	22
Crushed stone	23	Iridium (Ir)	09
Diamonds	10	Iron ore (Fe)	12
Diesel	24	Lanthanum (La)	19
Dysprosium (Dy)	17	Lithium (Li)	14
Edible oils, other	26	Lutetium (Lu)	18
Energy and power projects	25		

Additional minerals, products and commercial opportunities are assessed against the specific evidence, mandate and business case.



ALPHABETICAL REFERENCE

Commodity index / M-Z

Select an entry to open its product page. Related forms and synonyms point to the same commodity brief.

Magnesite	22	Scandium (Sc)	19
Maize	26	Silica	22
Manganese ore (Mn)	12	Silica sand	22
Neodymium (Nd)	17	Silver (Ag)	08
Nickel (Ni)	11	Stibnite / antimony	15
Osmium (Os)	09	Stone	23
Palladium (Pd)	09	Sugar	26
Petrol	24	Sunflower oil	26
Petroleum products, other refined	24	Tantalum (Ta)	14
Pig iron	13	Terbium (Tb)	17
Platinum (Pt)	09	Thulium (Tm)	18
Praseodymium (Pr)	17	Tin (Sn)	11
Promethium (Pm) - scientific reference	19	Titanium-bearing minerals / materials (Ti)	14
Rare earth elements - all 17	16	Tungsten (W)	14
RB1 coal specification	21	Uranium and uranium-bearing minerals (U)	20
RB2 coal specification	21	Urea	27
RB3 coal specification	21	Vanadium (V)	14
Rhodium (Rh)	09	Wolframite / tungsten	14
Rice	26	Ytterbium (Yb)	18
Ruthenium (Ru)	09	Yttrium (Y)	18
Samarium (Sm)	17	Zinc (Zn)	11

Additional minerals, products and commercial opportunities are assessed against the specific evidence, mandate and business case.



THE WIDER MHATU PLATFORM

Evidence, intelligence and execution support.

MIDRES™

MHATU INTEGRATED DIGITAL RESOURCE EVALUATION STANDARD (PTY) LTD

Mhatu's proprietary framework for organising mineral-asset evidence, evaluation and valuation support. It connects geological, rights, infrastructure, market, environmental and risk evidence to documented development and investment decisions.

Outputs remain subject to project-specific evidence and qualified professional review. MIDRES does not replace formal reporting codes or the Competent Person.

MV AEGIS PRIME

Intelligence. Protection. Technology.

Being developed as a distinct institution for risk understanding, protective planning and technology integration around mining, energy, logistics and investment activities.

Current focus includes research, assessment, planning, client liaison and project coordination. Regulated specialist activities remain partner-enabled through appropriately authorised providers.



CATALOGUE SCOPE & REFERENCE

A clear basis for engagement.

Use the catalogue to identify a partnership. Confirm the specific project, product and commercial mandate before execution.

PORTFOLIO SCOPE

Coverage includes established activities and opportunities under evaluation. Inclusion does not state that every commodity is currently mined, held in stock or available for immediate delivery.

PRODUCT FORMS

Ores, concentrates, intermediates, oxides, metals and other products depend on the resource, processing route and relevant mandate. An assay result alone does not establish a saleable product.

SCIENTIFIC IDENTIFIERS

Element symbols and atomic numbers identify target elements. They do not imply that ores are pure metals. Product abbreviations are catalogue markers. Promethium is included for scientific completeness only.

VISUALS

Supplied photographs illustrate operational contexts and do not establish equipment ownership or availability. The cover is an AI-generated sector illustration, not a photograph of Mhatu stock or a scientific specimen guide.

FUTURE OPPORTUNITIES

Mhatu considers additional minerals, metals, commodities, products, services, energy, infrastructure, investments, joint ventures and commercial opportunities that fit its capabilities and demonstrate a sound business case.

TECHNICAL REFERENCE

USGS: Antimony Statistics and Information; Rare Earths, 2019 Minerals Yearbook. These support general mineral and element context. Company scope and participation are stated by Mhatu.

USGS / Antimony

USGS / Rare earth element suite



CONTACT

**Bring the resource.
Define the requirement.
Build the partnership.**

**Project origination. Resource development.
Industrial solutions. Market access.**

For properties, mineral projects, processing requirements, investment partnerships, commodity supply, offtake and advisory mandates.

invest@mhatuminerals.africa

www.mhatuminerals.africa

Vuyolwethu Mhatu

FOUNDER & MANAGING PRINCIPAL

MHATU MINERALS AND INVESTMENTS (PTY) LTD

AFRICAN RESOURCES. REGIONAL & INTERNATIONAL MARKETS.