

# IPP RESOURCES

[www.ippresources.com](http://www.ippresources.com)



# LEADING BY EXAMPLE

*IPP Resources is not only Tanzania's largest diversified resources group, but also Tanzania's only wholly indigenous mining and exploration entity*



Tanzania, East Africa's largest state by land size, is blessed with a Pandora's Box of natural resources. Gold takes the spotlight, with output increasing tenfold in the 10 years leading up to 2007, when the country's annual output of 50 tonnes per annum elevated it to the position of Africa's third largest producer after South Africa and Ghana. The gold rush began in earnest in the mid 1990s, and Tanzania now hosts operations by some of the world's largest mining companies, including Barrick of Canada, AngloGold Ashanti of South Africa and Australia's Resolute.

However, the largest diversified resources group in Tanzania, IPP Resources, is not a subsidiary of one of these mining mega-enterprises: it is a wholly-owned Tanzanian group which forms part of one of East Africa's leading business conglomerates. IPP was founded by the renowned Tanzanian entrepreneur Reginald Mengi in the 1980s. Mengi has also been heavily involved in many social development activities, especially in the areas of health, environmental management and poverty alleviation; and has been a leading advocate of the role of the private sector in the prevention and treatment of HIV/AIDS.

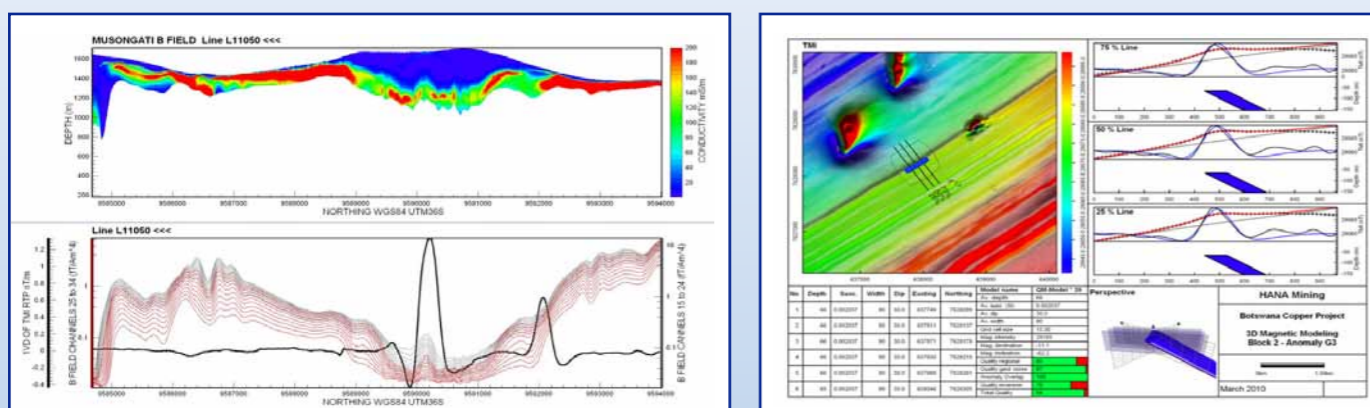
IPP Resources currently holds the country's largest portfolio of primary mining licences and prospecting licences. Gold is the main focus, but IPP's operations encompass a broad spectrum of other metals and minerals, including platinum, uranium, coal, bauxite, magnesite, nickel, diamonds and a wide variety of gemstones, including rubies, emeralds and tanzanite

# GEOSPEC INTERNATIONAL

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## Consulting & Contracting Geophysicists

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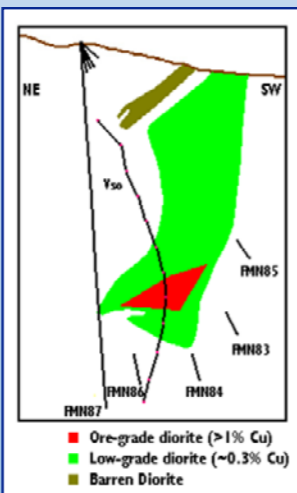
### Geophysical Services to

- Mining Industry
- Minerals Exploration
- Environmental Surveys
- Engineering Applications

### Contracting:

#### Ground, Downhole & Airborne Data Acquisition

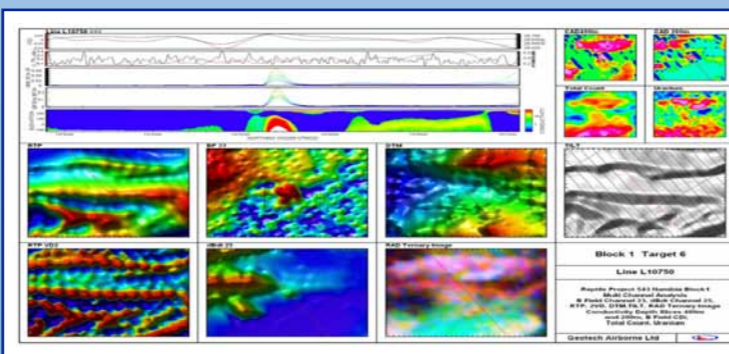
- Time Domain EM
- Frequency Domain EM
- 2D/3D Electric Induced Polarisation
- Magnetic Induced Polarisation
- Magnetometric Resistivity/IP
- Electrical Resistivity Tomography
- Gravity
- Radiometrics



### Consulting:

#### Processing and Interpretation of:

- Ground Geophysical Data
- Airborne Geophysical Data
- 2D/3D Modeling of IP, Resistivity, EM, Mag and Gravity Data
- CDI creation



(this is the blue/purple variety of the mineral zoisite and is unique to Northern Tanzania). In total, IPP Resources has acquired over 150 concessions, most of which are located in the country's richest mineralised belts.

The group's focus is on the acquisition of mineral and metal properties and assets that are deemed to have a high potential for success, then exploring these assets with a view to developing an internal mining capability, potential joint ventures, sale to other companies or the realisation of royalty payments.

Operations are directed from the company's headquarters at Dar Es Salaam and a small regional office has been established in Mwanza to manage gold interests in the Lake Victoria gold area. IPP Resources acts as a holding company beneath which dedicated subsidiaries operate according to the nature of the

### GEOSPEC INTERNATIONAL

Geospec provides geophysical contracting and consulting services worldwide, based from southern Africa. Services range from survey planning, data acquisition and QC/QA, processing, analysis, inversion, visualisation and interpretation, to integration with data from related disciplines. Geospec utilises the latest geophysical equipment technologies, e.g. EMIT and Zonge, to acquire quality field data suitable for advanced processing and interpretation. The latter is achieved with the latest available mapping, modelling and inversion software. Currently, Geospec is supporting IPP with its exploration efforts in Tanzania, providing critical advice to the exploration manager regarding the siting of drilling targets in very complicated geological terrains.

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“THE GROUP'S FOCUS IS ON THE ACQUISITION OF MINERAL AND METAL PROPERTIES”



Workers in action



TANZANIA



**Founded over 100 years ago** Layne Christensen Company's Mineral Exploration Division has developed into one of the largest exploration drilling companies of it's kind. We provide a full range of drilling services for the global mineral exploration industry, through our wholly owned operations and our Latin American Affiliates (The Geotec Group). Our combined fleet exceeds 300 drill rigs and we provide services on 4 continents. We aim to provide the best, most innovative and reliable drilling services, using state-of-the-art equipment and technology.

**Layne Drilling Tanzania** - employs a team of experienced Expatriates and Tanzanians to meet client

requirements. The majority of staff is employed as drillers and heavy duty plant mechanics, supported by a strong administration division and an experienced management team. Most of the employees have extensive experience drilling at various sites throughout Tanzania. This has enabled Layne Drilling the ability to develop an excellent understanding of the region's ground and climatic conditions. The company has a strong commitment to the ongoing training and development of the local workforce including the maintenance of international standard occupational health and safety for all employees. International standard safety reviews and safety audits are a normal part of the company's operations.

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Operations encompass a broad spectrum of metals and minerals

activity, such as IPP Gold, IPP Gemstones, IPP Energy and IPP Base Metals.

A tanzanite mine is already operational in the Merelani area, supported by a gemstone cutting centre; and the group's eight exploration teams are involved in numerous projects across the country. The most promising sites to date include the Handeni Gold Project and the Bukwimba Gold Project, which are both at an advanced stage of exploration.

For Dr Reyno Scheepers, IPP Resources' president and managing director

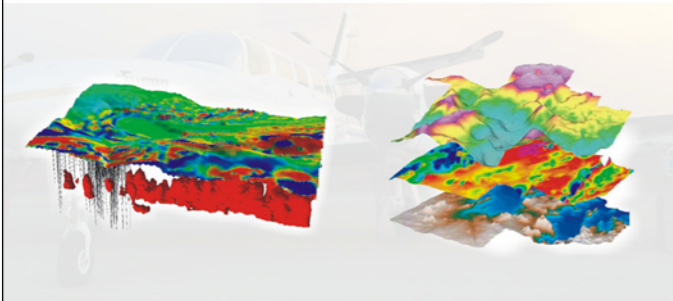
since 2005, it is a source of great pride that an enterprise of this scale is also a truly indigenous operation, wholly owned by Tanzanian nationals. "There are many other indigenous exploration companies, but we are the only one to operate on such a major scale and to have extended our reach into

exploration, drilling and actual mining," he states.

While many foreign operators have become mired in land disputes and clashes with small-scale miners, Scheepers believes the advantages of being a domestic operator

**150+**  
.....  
**Number of concessions acquired by IPP Resources**

WHEN CAPABILITY COUNTS...



Fugro Airborne Surveys (Fugro) is the world's largest airborne geophysical survey company and undertakes high resolution airborne magnetic, electromagnetic, radiometric and gravity surveys from fixed wing aircraft and helicopter platforms. The company owns a fleet of 40 survey aircraft and operates worldwide from centres in Canada, South Africa, Brazil and Australia. Fugro has been offering multi-disciplinary geophysical exploration solutions in Africa for over 30 years.

In Africa, during the past 5 years, Fugro has flown and processed over eight million line kilometres of airborne geophysical survey data (Angola, Ghana, Mali, Sudan, Guinea, Namibia, Botswana, Niger, Nigeria, Burkina Faso, Mauritania, Madagascar, Tanzania, Uganda, Senegal etc.) for mining and oil companies. In addition, aid organisations including the World Bank, European Union and African Development Bank.

Recent developments include the design and construction of TEMPEST, a state-of-the-art time domain electromagnetic system that is installed on several aircraft, Cessna Caravan 208B's. HELITEM, the world's most powerful helicopter mounted time domain electromagnetic system; and the addition of four FALCON airborne gravity gradiometer systems to the fleet.

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are readily apparent. “We have a unique insight into the operating environment and the law. This is a big operational advantage as we work almost exclusively with Tanzanian people and their land interests. When we acquire a licence to explore, there are almost invariably people located there. We understand how local people think, speak their language, share their culture and can much more easily negotiate agreements that are acceptable to all parties,” he comments.

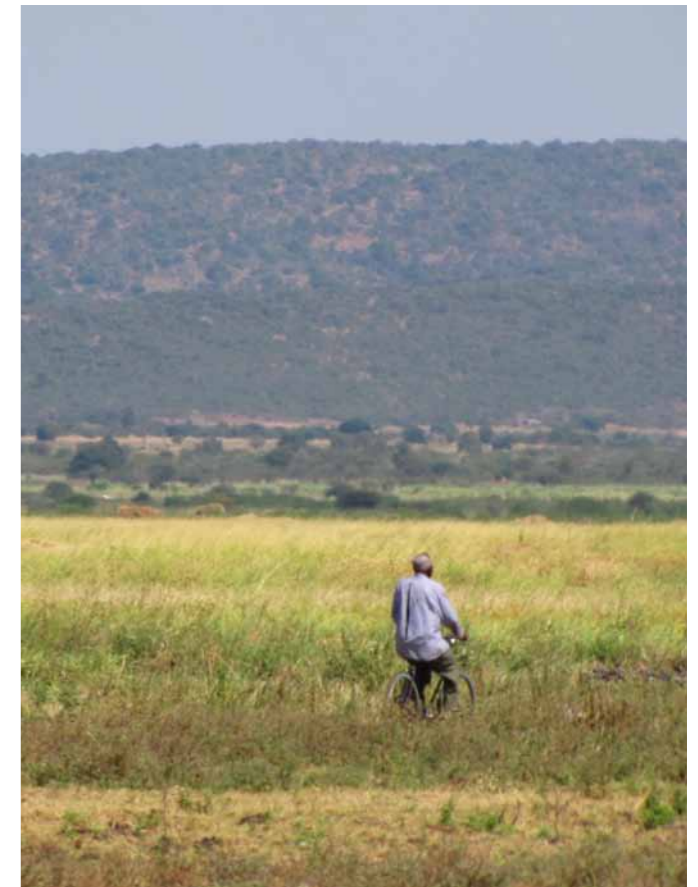
**FUGRO**

Fugro flew its helicopter borne, time domain electromagnetic system HELITEM, the most powerful time domain electromagnetic system currently available on the market, for IPP Resources over its Haneni project. Using the HELITEM system along with Fugro’s technical expertise and experience allowed IPP Resources to identify further potential gold targets, map their underlying geology and increase the Haneni properties’ market value.

[www.fugroairborne.com](http://www.fugroairborne.com)

“For example, our tanzanite mine is located in a traditional Massai homeland with an important burial site on the property. We arrived at an amicable settlement giving the Massai access to water across the area that are vital for their cattle and promised we would never disturb the graveyard area. In seven years of operation, we have had no issues or problems at all.”

He explains that each subsidiary has its own operating arm and wherever possible, local contractors are used or IPP will utilise its own exploration capacity. “Sometimes though, it is simply not possible to source the technology we need in-country. For example, local provision of geophysical



IPP works closely with local people

“WE WORK ALMOST EXCLUSIVELY WITH TANZANIAN PEOPLE AND THEIR LAND INTERESTS”

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data is difficult to obtain because the provider of some sophisticated geophysical expertise and equipment is state-owned and simply does not have the resources to meet demand, so we also work with teams from South Africa and Botswana who can give us access to this sort of expertise.”

Scheepers’ future vision for IPP

Resources is clear. “We want to become the first black wholly-owned Tanzanian gold mining operation. In September 2010, we acquired a majority shareholding through a reverse merger of Douglas Lake Minerals, registered on the New York OTCBB, which added a series of very exciting prospects to our portfolio. It was the first example of

“OTHER TANZANIAN COMPANIES WILL SURELY FOLLOW OUR EXAMPLE AND, WE HOPE, INDIGENOUS OPERATORS IN OTHER AFRICAN COUNTRIES”



Local contractors are used wherever possible



Exploration teams are involved in numerous projects across Tanzania

such a takeover by a Tanzanian company in this industry, and we achieved very positive feedback from many levels of society for showing how Tanzanians can take control of their own resources and destiny.”

Meanwhile, the Bukwimba gold prospect in the Kahama greenstone belt in the Lake Victoria gold field is one of IPP Resources’ most exciting prospects. It has been systematically explored for a period of approximately five years and to date, drilling at the site has discovered gold values of up to 59.8 grams per ton. Within two or three years, he envisages it can be brought into medium scale production.

Scheepers wants the success of IPP

Resources to empower and inspire others to follow suit. In Tanzania and many other mineral-rich countries, African people and companies have not traditionally participated in the exploration process, or derived any value from it. He hopes that the lead taken by IPP Resources will change this. “Other Tanzanian companies will surely follow our example and, we hope, indigenous operators in other African countries too.” **BE**

For more information about IPP Resources visit:  
[www.ippresources.com](http://www.ippresources.com)

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