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-  (Ticker: **DGQ**)
a SIX company
-  (Ticker: **DGQTF**)

DELTA GOLD TECHNOLOGIES

February 2026

EIS Enterprise
Investment
Scheme



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Listed on

-  (Ticker: **DCQ**) 

-  (Ticker: **DGQTF**) 

Approved for

-  Enterprise Investment Scheme 

Active Research



Executive Summary

Delta Gold Technologies PLC (“Delta Gold”) has contracted with the University of Toronto and The Pennsylvania State University to advance quantum computing–related intellectual property arising from the unique physical characteristics of gold. Delta Gold will hold a global exclusive license on the innovations developed through the research and Delta Gold has the exclusive right to license out the IP to third parties for future revenue.

Creating stable, scalable qubits (quantum bits) is fundamental to the development of any quantum computer. Competition is fierce in that global leading companies like IBM and Alphabet are spending billions of dollars in research annually.

Delta Gold employs a distinctive approach as a research-driven enterprise with significant potential to generate substantial IP licensing revenues from any developed innovations. Even being close to a breakthrough could hold considerable value, given the intense current research activity in this field.



Why Quantum Computing

This business focuses on developing IP for Quantum Computing (“QC”) based on nano scale gold and other materials to host induced superconductivity and other special characteristics. The concept is to build a scalable, robust system that creates memory at an atomic scale for QC, in a more stable state than currently available.

QC is globally important as it offers a secure, exponential speed-up in performing calculations (i.e., compared with existing computers) while having inherent security. These capabilities give it a unique edge in applications such as AI, machine learning, drug discovery, financial forecasting, and even climate modelling among many others.

During preliminary investigations, the team identified unique properties of nanoscale gold and other materials, along with their potential applications in quantum computing. The current focus is on further developing the intellectual property and pursuing patent protection, with a view to eventual commercialisation.



Centre of Excellence Ambitions

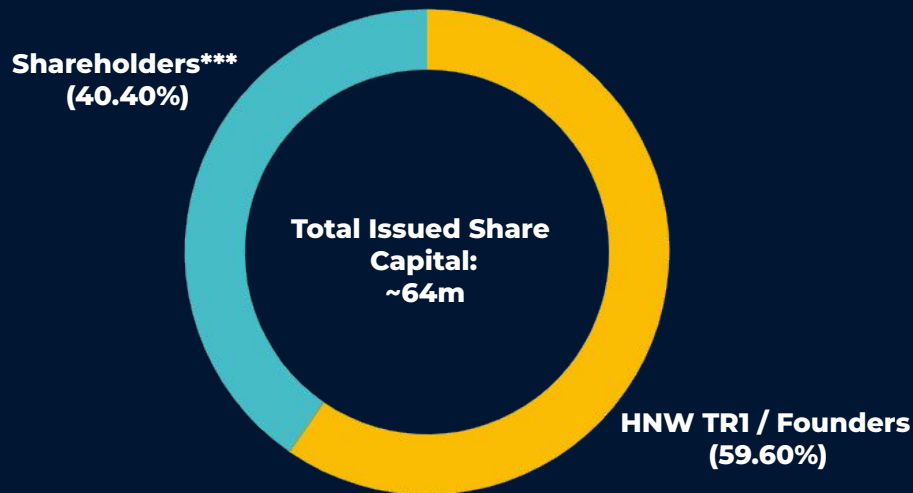
Looking ahead, Delta Gold envisions an ecosystem of quantum research that spans the globe, connecting leading academic institutions and researchers in a collaborative framework that accelerates fundamental discoveries and technology development.

The company plans to build on the U of T and Penn State relationships by establishing further agreements with other universities, creating a collaborative centre of excellence in quantum physics and computing research.

This academic ecosystem approach not only strengthens the scientific foundation of Delta Gold's intellectual property ambitions but also positions the company at the heart of a dynamic, international network of academic excellence, fostering innovation that could unlock transformative advancements in scalable, stable qubit technologies.



Corporate Overview



DGQ Share Structure

Shares in Issue	64,501,507
Stock Exchanges	Aquis (Ticker: DGQ) OTCQB (Ticker: DGQTF)
Founders	20.39m** (32%)
Market Cap	£31.93M (25/02/2026)
Advisor Warrants (15p)	1,078,608
Investor Warrants (50p)	2,746,425

Note:

**Escrowed, 12 (33%), 18 (33%), 24 months (33%)

***EIS Eligible for qualifying investors.

THE MARKET

Over the next 7 years, QC is predicted to grow to a global US\$125B market. Once commercialised, QC offers ultrafast, secure computation which has highly significant global implications both today and well into the future. This is why top global technology companies like IBM, Google, Microsoft and Amazon are spending billions (\$) a year on QC.

Current computing has followed the same basic paradigm of forms of memory with modest gains in making chips faster and memory smaller. Quantum computers are being developed to operate at very low temperatures which is impractical for handheld devices. However much of the work being done by major global technology companies have run into technology challenges.

The use of nano-scale gold and other materials will be researched for application in Quantum Computing to determine if it could be a key input into future quantum computing technologies by revolutionising the key building block of QC.



QUANTUM – THE NEXT JUMP

A working scalable and stable qubit is still elusive

At the heart of a Quantum Computer is the qubit — the fundamental unit of quantum information, analogous to a bit in classical computing. Unlike a traditional bit, a qubit can store vastly more information due to its ability to exist in multiple states simultaneously.

Heat often causes errors in operating qubits, so QC's are typically kept inside super refrigerators that maintain the temperature at just above absolute zero (-459 degrees Fahrenheit).

One of the major problem with current QC's in development is that the qubits they work with are not stable nor scalable. Our work will focus on creating a more stable qubit- using the very unique physical properties of nano-scale gold and other material. The initial tests will be done in a typical low temperature, and the research will investigate if stable properties can be found at higher temperatures.



“The Delta Gold Technologies team believes nano-scale gold and other material have properties that are orders of magnitude better in physical characteristics potentially to host stable qubits for Quantum Computing compared to many alternatives under investigation”

Michael Jones, Founder

Research Agreement 1



University Research Sponsorship Exclusive Licence

Research Sponsorship Agreement includes funding requirements of CAD \$3,000,000 over three years with the University of Toronto which secures the right to own an exclusive 100% licencing interest of any developed IP under the research sponsorship agreement.

A global exclusive license of 100% of the developed intellectual property will be held by Delta Gold. The University will hold a 1.5% royalty of the Net Sales made.

Professor Harry Ruda, the Principal Investigator, will play a key role in controlling the aspects that the team will investigate. The current proposal builds on previous work that demonstrated the applications in QC of nano state gold and other materials. The next step will be to better develop this technology with a goal towards utilising special materials to improve the scalability and stability of a qubit.

YEAR 1 SPONSORSHIP: \$1,000,000 CAD (Paid)



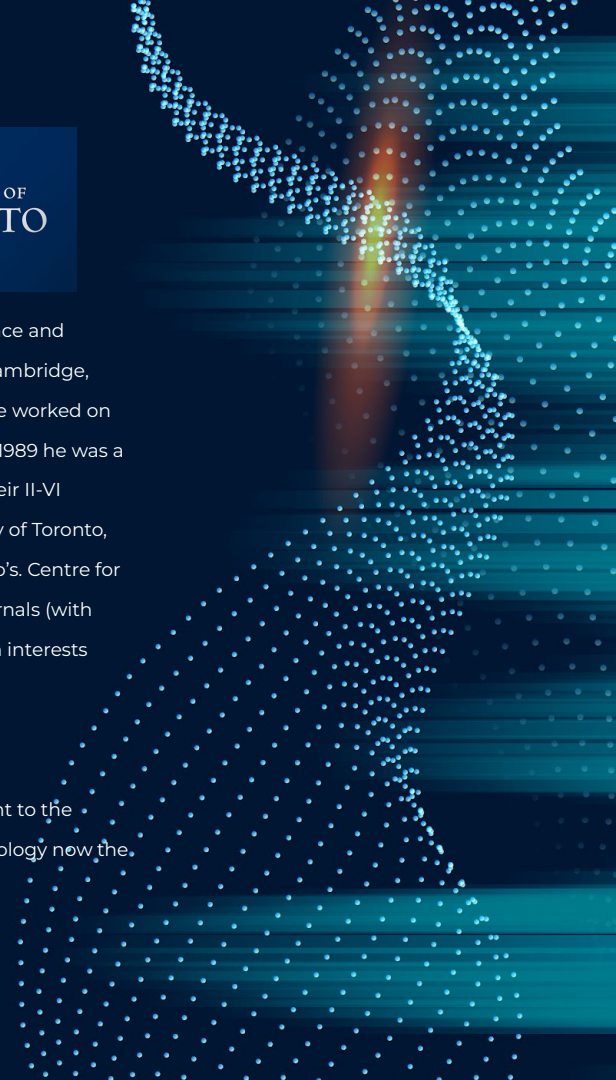
RESEARCH TEAM LEAD

Principle Investigator – Professor Harry Ruda



Harry E. Ruda received the B.Sc. degree (with distinction) from Imperial College of Science and Technology, UK in 1983, and PhD degree from Massachusetts Institute of Technology, Cambridge, USA in 1982. He was awarded an IBM Postdoctoral Research Fellowship, during which he worked on one of the first theories of electron transport in quantum nanostructures. From 1984 to 1989 he was a Senior Research Scientist working at 3M Corporation where he was a key member of their II-VI semiconductor blue laser team. In 1989, he joined the MSE department at the University of Toronto, cross-appointed to ECE. In 1997 he was appointed as the Director of University of Toronto's Centre for Nanotechnology. He has published over 250 publications in internationally refereed journals (with >2,800 SCI citations), co-authored 4 books and has 14 patents. Professor Ruda's research interests focus on the fabrication, modelling understanding of behaviour of quantum functional nanostructures and their applications to nanoelectronics and nanophotonics.

Global Post Doctoral Fellows with specific knowledge in nano-technology highly relevant to the already developed IP have expressed interest in joining the team working on this technology now the year 1 funding has been secured.



Research Agreement 2



University Research Sponsorship Agreement

Research Sponsorship Agreement includes funding requirements of USD \$2,991,426 over three years with The Pennsylvania State University ("Penn State").

The research will extend existing work on gold-based quantum technologies with the aim of generating valuable intellectual property

In return for funding the programme, Delta Gold will receive from Penn State an exclusive, sublicensable, royalty-bearing licence to any resulting intellectual property ("IP"), permitting the Company to make, have made, use, import, offer for sale, and sell products in all fields except Human Health (the "Licence"). Delta Gold will pay Penn State a running royalty of one percent (1%) on Net Sales of licensed products once cumulative Net Sales exceed USD \$20,000,000.

YEAR 1 SPONSORSHIP: \$997,142 USD (Reimbursable contract)



RESEARCH TEAM LEAD

Principle Investigator – Kenneth Knappenberger



Kenneth L. Knappenberger, Jr. is a Professor of Chemistry and Physics at Pennsylvania State University, where he is currently the Head of the Department of Chemistry. He leads a research team focused on understanding optical, electronic, and spin properties in structurally precise nanomaterials with emphases on gold nanoclusters. He was a postdoctoral researcher at University of California, Berkeley (2005-2008) and earned his PhD at Pennsylvania State University in 2005.

He started his independent career at Florida State University (2008-2017). He was Head of the magneto-optics program of the National High Magnetic Field Laboratory in Tallahassee, Florida. He moved to Penn State as Professor of Chemistry in 2017. He has published over 100 peer-reviewed scientific papers and presented over 300 lectures on the coherence and spin properties of molecules and materials.

He received the Coblentz Award in Spectroscopy and the Young Investigator Award of the Inter-American Photochemical Society. He is also recipient of CAREER awards from the United States National Science Foundation and Department of Defense. He is an elected fellow of the American Association for the Advancement of Science and Optica (formerly Optical Society of America).



Targets for Revenue

- Chip Companies (e.g. Nvidia)
- Hardware manufacturers (e.g Apple)
- Internet Companies
- Mobile phone makers, data providers
- Large software companies (e.g. Microsoft)
- Data Centers
- Military
- Weather modelling companies
- Financial data and modelling firms
- Pricing of licenses will be variable depending on the strength and level of the innovation¹
- Delta Gold's early ideas, and potential innovations may be interesting to third parties given the scale of investment in early stage research by other larger companies²



1: Disclaimer: Delta Gold intends to license the innovative IP created to various parties. As per VCM3060, this would fall under the waiver as such intellectual property would be classed as a 'relevant intangible asset' that has been acquired at an early stage of development, and we plan to further develop the IP

2: IBM Investment Article <https://www.forbes.com/sites/sylvainduranton/2024/06/26/quantum-now/>

Board of Directors

CEO R. Michael Jones

Michael is a professional engineer, University of Toronto, 1985. He has a over 40-year career in company founding and taking them public up to \$1 B in market capitalisation. He founded a company in a University alliance that developed technology using platinum group elements, filed patents and formed alliances and that technology is now in commercialisation.

Non-Executive Chairman Mark Burnett

Mark is a Director of Mining Investments at a leading mining specialist investor in London, with over 10 years' investing and corporate finance experience in North America, South America, Australia and Africa. Working across a number of extractive industries including copper, precious metals and lithium. MPhil from University of Oxford and an Officer in the British Armed Force.

NED Jamie Tosh

Jamie is an accomplished Project Manager and Operations Executive with 20+ years experience and held senior management positions across the UK, Australia, Africa, and Canada, playing a pivotal role in the foundation, restructuring, and operational management of private and publicly listed companies. James holds a Diploma in Corporate Governance.

INED Adam Monaco

Adam is a member of the Chartered Accountants of Australia & New Zealand with over 10 years of professional experience. He began his career in audit and assurance with RSM Australia, specialising in SMEs across a range of industries including mining, manufacturing, and biotech. After relocating to the UK, Adam focused on supporting high-growth, VC-backed technology start-ups, to deliver practical solutions to complex financial and operational challenges.

INED Patrick Severide

Patrick is a technology executive with experience spanning corporate law and senior operating roles in high-growth technology companies. He has led commercial initiatives across enterprise software and legal AI, with a focus on scaling businesses and driving growth. Patrick began his career as a corporate lawyer with Blake, Cassels & Graydon LLP, advising on M&A and capital markets transactions. He holds a Juris Doctor from the University of British Columbia and an Honors in Business Administration from Ivey Business School.

Competition

Delta Gold has a very rare target product. It is approaching the development of Quantum Computing from an innovative approach at the very base of the physics. There are many companies experimenting with other materials and methods and companies that are developing tools or other aspects of the quantum area. The advantage of the Delta Gold approach is that it is so fundamental, it could apply to many areas and verticals.

The top 4 locations include IBM, MIT, Harvard and the Max Planck Institute.

“But a chip able to perform commercial applications would not appear before the end of the decade, he said....And there were already 50 quantum businesses in the **UK, attracting £800m in funding and employing 1300 people**....But Google itself notes that to develop practically useful quantum computers the error rate will still need to go much lower than that displayed “ *BBC News*

University of Toronto and Penn State University, which are contracted for the research, have the technical capability to perform work at the level of major industry companies. In addition, Professor Harry Ruda of the University of Toronto completed his postdoctoral research at the IBM Quantum Computing Centre.

Business Plan



Timeline



Thank You!

If you have questions please reach out:

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