



ARKLE

RESOURCES PLC

**LITHIUM IN BOTSWANA & ZIMBABWE
ZINC IN IRELAND
GOLD IN IRELAND**

AIM Listed

January 2025

ABOUT ARKLE



Arkle holds lithium prospects in Botswana, Ireland and Zimbabwe

Two lithium brine licences covering 837sq km in the Makadikadi Salt Pans in Botswana.

Five licences covering hard rock lithium prone ground in Wicklow and Wexford in Ireland.

Three hard rock lithium prone licences in Zimbabwe.

Arkle holds 22.36% in five zinc licences in Limerick Ireland with an indicated resource indication of 5.3 million tonnes of 11.3% combined lead zinc. Drilling results awaited.

Arkle hold gold licences in Ireland in Wicklow and Donegal.

REASONS TO INVEST & POTENTIAL



The low market price of Arkle (£1.4m) is well underpinned by the Arkle interest in Stonepark zinc / lead (5.1m tonnes at 11.3%). The block is adjacent to the huge Glencore 45m tonnes discovery at Pallas Green and adjacent to the two discoveries of our partner Group Eleven at Carrickittle and Ballywire.

The big upside potential is in Botswana lithium. We have identified up to 30 metres of brines across the 837sq km block. We have sampled and are in the process of analysing the samples.

We have five lithium licences in Ireland where we have identified lithium bearing rocks (spodumene). The licences are adjacent to ground held by Gangfeng of China. The partner with Gangfeng has sold their interest to European Lithium for £8 million.

BOTSWANA LITHIUM



Lithium demand is growing 25% yearly.

Two licences covering 837sq km were acquired in Makadikadi Salt Pans in December 2023.

Wide spaced TEM survey completed in July 2024 indicate an expected layer of brines averaging 30 metres deep over the block.

Initial augur sampling programme completed to obtain samples of brines for analyses for lithium content.

Results Q1, 2025.

IRISH ZINC - STONEPARK



JV with Group Eleven (77.64%), Arkle (22.36%).

NI43-101 Inferred Resource 5.1 Mt tonnes, 11.3% (zinc, lead).

Shallow deposit with some very high grades, 25.0% zinc and 7.2% lead.

Adjacent to major discoveries, Pallas Green, Carrickittle, Ballywire.

Three drill holes totalling 1,372 metres were completed in December 2024, results awaited, Q1 2025.

IRISH LITHIUM



Arkle hold five blocks with potential for hard rock lithium.

The Aughrim block of four licences is adjacent to blocks held by Gangfeng of China. The worlds largest lithium producer. Sampling identified lithium oxide (Li₂O) in spodumene.

Next stage is a grid sampling programme.

On the Bunclody licence to the South extensive spodumene occurrences were found in a sampling programme.

OTHER HOLDINGS



In Zimbabwe Arkle holds three licences in an area highly prospective for hard rock lithium.

Sampling has identified lithium traces across the block.

Arkle holds two gold licences, one in Wexford and one in Donegal. Drilling has found gold on each licence. A significant drilling programme is required on each.

COMPANY OVERVIEW



Market: AIM

Ticker: ARK

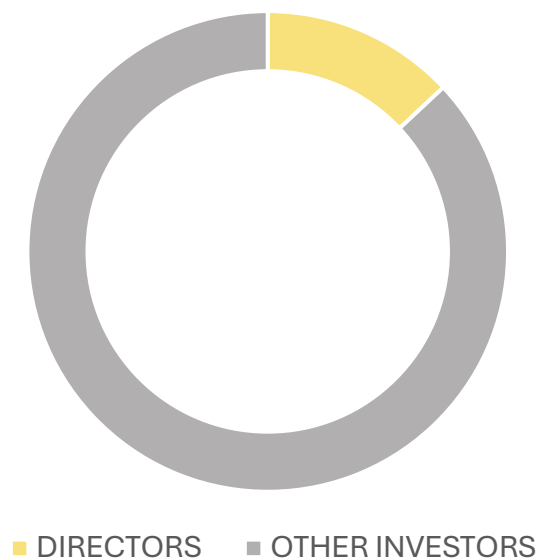
Shares in issue: 564,810,997

Share Price: .25 GBX

Market Cap: £1.4m

Shares not in public hands: 17.50%

SIGNIFICANT SHAREHOLDERS



Directors	17.5%
First Equity Limited	17%
Interactive Investor Services Nominees	8%
Hargreaves Lansdown (Nominees) Limited	7.5%
Michael O'Reilly	4.6%

BOARD & MANAGEMENT TEAM



John Teeling Chairman

Over 40 years' resources experience, including the early days of zinc mining in Ireland, John founded Arkle Resources (previously named Connemara Mining) and, amongst others, African Diamonds developing the Karowe mine in Botswana (now Lucara), Pan Andean Resources, Minco, and Kenmare Resources. Mr. Teeling holds degrees in Economics and Business from University College Dublin, an MBA from Wharton and a Doctorate in Business Administration from Harvard.

Jim Finn Financial Director

Over 20 years' experience with exploration companies and extensive experience in their administration, responsible for listing several resource companies, including two of the first companies ever listed on AIM - Pan Andean Resources and African Gold. He holds a degree in Management and an Association of Chartered Certified Accountants (ACCA) qualification.

David Cockbill Non-Executive Director

Experienced corporate financier and public capital markets executive. Studied accountancy at Manchester University before commencing a 35 year career in the City of London at various leading investment banks as a proprietary trader. David has been a Financial Conduct Authority regulated person for the last five years, focusing on opportunities within the micro-cap sector and raising capital for public companies in the natural resources and technology sectors.

Gavin Berkenheger Consultant Geologist

Chartered and European Geologist, extensive knowledge of Irish and UK mineral deposits. Has spent the last 18 years exploring for gold and base metal resources in Ireland and Scotland, aided in the development of the Curraghinalt gold deposit in Northern Ireland. He holds honours degree in Geology and Petroleum Geology from the University of Aberdeen.