

# Press Release



## **ADROK HIRES SEAN WALKER AS SENIOR GEOPHYSICIST**

**Edinburgh, Scotland – December 12, 2011** - Technology company Adrok Ltd. (“Adrok”) today announced the hiring of Sean Walker as Senior Geophysicist, as of January 16, 2012. With over 15 years of geophysical experience related to the mining industry, Mr. Walker brings both depth and experience to Adrok’s team. Mr. Walker holds an Honours Bachelor of Science in Geology and Physics from McMaster University in Hamilton, Canada and a Master of Science in Geophysics from the University of British Columbia in Vancouver, Canada. His mining-industry experience includes time spent with Cominco Limited and Kennecott Canada Exploration Inc. (now Rio Tinto) as a Project Geophysicist. Sean has also worked for Aeroquest International, an airborne geophysical service provider where he was an integral member of the R&D group. Most recently, Mr. Walker ran a successful geophysics consulting company based in Toronto, Canada.

The hiring of Mr. Walker comes on the heels of a more than £3 million investment made by Teck Resources Limited (“Teck”) in Adrok that was announced on December 8, 2011. Teck Resources Limited (“Teck”) is a Canadian-based diversified resource company committed to responsible mining and mineral development with major business units focused on copper, steelmaking coal, zinc and energy, and is an important client and significant equity investor in Adrok committed to working with Adrok’s key technologies in their mineral exploration activities.

Gordon Stove, Managing Director at Adrok, said, “Sean joining the Adrok team as its senior professional geophysicist will immediately increase Adrok’s ability to service all of our clients, and particularly those in the mining industry. Furthermore, it demonstrates Adrok’s commitment to advancing our Virtual Borehole Technology and related survey know-how for use by the worldwide natural-resource exploration community.”

Mr. Walker is a registered Professional Geoscientist in Ontario, Canada and will be relocating to Edinburgh, Scotland to take up his new role.

**Ends**

**Date 12<sup>th</sup> December 2011**

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**Notes to Editors**

**Adrok Ltd.** Adrok was founded by Dr. Colin Stove, the inventor of the technology, and his son Gordon in 1997. Since then, in addition to government funding, Adrok has invested over £3 million to advance and commercialise the technology. Adrok launched its first commercial services offering, called “Predrilling Virtual Logging”, in the summer of 2007.

Adrok’s technology works by sending a narrow beam of energy into the ground using micro- and radio-waves. As it travels downward, the energy character of the beam is altered by the various rock layers it encounters. The beam, which can penetrate to depths up to several kilometres, is continually reflected back by these same rock layers and is recorded on surface. The recorded data describe how rocks and minerals, including hydrocarbons, interact with the beam as it passes through them and pinpoints their composition. The technology measures the dielectric permittivity of the subsurface as well as characterizes the nature of the rock types based on analysis of both the spectroscopic and resonant energy responses.

The key driver in pursuing development of virtual drilling technology is to reduce the number of drill holes required to delineate a mineral or hydrocarbon reserve. To do this, laboratory analyses of rock specimens and data from training holes are used to guide the interpretation and analyses of the Predrilling Virtual Logging results. As more samples are entered into Adrok’s proprietary library, the confidence in the results will increase. A final benefit is that Predrilling Virtual Logging requires no land-use permitting as use of the technology offers a non-destructive, environmentally-friendly way of remotely deducing subsurface geology.

Further information about Adrok can be found at: [www.adrokgroup.com](http://www.adrokgroup.com)

**About Teck**

Teck is a diversified resource company committed to responsible mining and mineral development with major business units focused on copper, steelmaking coal, zinc and energy. Headquartered in Vancouver, Canada, its shares are listed on the Toronto Stock Exchange under the symbols TCK.A and TCK.B and the New York Stock Exchange under the symbol TCK. Further information about Teck can be found at: [www.teck.com](http://www.teck.com).