



Home / News / Articles / ASX:AVL

Australian Vanadium picks up historical vanadium deposit

11:00 18 Jul 2017

Share ▾

The exploration licence covers a vanadium deposit discovered in the 1960s.



A key positive of the deposit is its proximity to Perth

Australian Vanadium (**ASX:AVL**) has been granted an exploration licence over the historical Coates vanadium deposit located 35 kilometres east of Perth in Western Australia.

Exploration at Coates was undertaken in the 1970s after its discovery in the early 1960s and previous metallurgical test work produced favourable results.

Historical mine planning was also completed although not undertaken.

Vincent Algar, managing director, commented: "It was a nice surprise to find this historical vanadium deposit in Western Australia."

TOP STORIES



Tyranna Resources plans expansion to gold resource



Alkane Resources confirms a record June quarter for gold production



Emmerson Resources drills evidence of copper and gold systems

"The deposit, although small, looks to be reasonably accessible and is very close to Perth city. We will of course, need to undertake further exploration, as the data on the site is quite dated."

A unique vanadium deposit

The geology of the Coates deposit is unique and shows that vanadiferous magnetite is developed from the weathering profile of an underlying gabbro in a laterite outcrop on a ridge.

The Coates vanadium deposit occurs in magnetite lenses at the core of the layered Coates Gabbro, which is 1 kilometre long and 600 metres wide.

Due to its close proximity to Perth, a portion of the exploration licence area is covered by nature reserve or semi-rural development; however Vacant Crown Land covers the eastern portion of the original Coates vanadium deposit.

Historical metallurgy indicates good recoveries

The historical metallurgical test results indicated that a 58% recovery of vanadium at a grade of 1.4% vanadium pentoxide, 3% titanium oxide, 67% iron grade with 8% silicon dioxide is achievable.

A total of 40 tonnes of ore was used for these tests with the bulk ore assaying 0.54% vanadium pentoxide, 4.75% titanium oxide, 25% iron and 29% silicon dioxide.



Proactive Investors



Share ▾

[REGISTER HERE TO BE NOTIFIED OF FUTURE AVL COMPANY ARTICLES »](#)

[VIEW FULL AVL PROFILE](#)

[VIEW PROFILE](#)

AUSTRALIAN VANADIUM LTD TIMELINE

ARTICLE

July 05 2017

AUSTRALIAN VANADIUM LTD ASSAYS REVEAL FELDSPAR OPPORTUNITY

ARTICLE

June 27 2017

AUSTRALIAN VANADIUM TO TEST PROPRIETARY MINERAL RECOVERY PROCESS

NEWSWIRE

June 13 2017

AUSTRALIAN VANADIUM ADVANCES ENVIRONMENTAL STUDIES

ARTICLE

May 30 2017

AUSTRALIAN VANADIUM EYES JORC RESOURCE AT BLESBERG

ARTICLE

May 25 2017

AUSTRALIAN VANADIUM SIGNS ANOTHER CLEAN ENERGY AGREEMENT

NEWSWIRE

May 05 2017

AUSTRALIAN VANADIUM HOLDERS WITH PRIORITY FOR BRYAH RESOURCES IPO

NEWSWIRE

May 04 2017

AUSTRALIAN VANADIUM TEAMS UP WITH CLEAN ENERGY COMPANY

ARTICLE

May 02 2017

AUSTRALIAN VANADIUM COMMENCES STUDY ON RESIDENTIAL BATTERY MARKET

VIDEO

May 01 2017

NEWSWIRE

April 24 2017

AUSTRALIAN VANADIUM SET TO GAIN FROM BRYAH RESOURCES IPO

VIEW ALL

RELATED ARTICLES



DANAKALI: ACCESS LATEST PPT FROM PROACTIVE'S CEO SESSIONS

February 24 2017

Paul Donaldson discussed with investors the Tier 1 Colluli Potash Project.



SAYONA MINING LTD BRINGS LITHIUM ACROSS TWO CONTINENTS TO PROACTIVE'S CEO SESSIONS

Mon

Find out more from Corey Nolan at Proactive's CEO Sessions.



METAL TIGER BELIEVES IT HAS ONLY SCRATCHED SURFACE IN THAILAND AND BOTSWANA

Mon

The company has two core projects: T3 in Botswana and Kemco and a lead-zinc-silver project in Thailand

International:

OUR COMPANY

TERMS & CONDITIONS

PRIVACY POLICY

COPYRIGHT INFORMATION

THE TEAM

CONTACT US

WORK FOR US

NEWSLETTER

SITEMAP

COOKIES

© Proactive Investors 2017

Proactive Investors Australia PTY LTD ACN:132787654 ABN:19132787654.

