



**BLACK RANGE
MINERALS**

ASX Release

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**BLACK RANGE MINERALS
LIMITED**

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Nick Day

Issued Capital:
738.4 million shares
5.75 million unlisted options

Australian Stock Exchange
Symbol: BLR

**QUARTERLY ACTIVITIES REPORT
MARCH 2011**

Highlights

- **Definitive agreement executed, as a result the Company now holds exclusive rights to acquire 100% of the ~30 million pound Hansen Uranium Deposit¹.**
- **The Hansen Uranium Deposit is located immediately adjacent to the Company's 100% controlled +60 million pound Taylor Ranch Uranium Project.**
- **The Hansen Uranium Deposit was permitted for mining in the 1980s.**
- **Update of previous feasibility studies is underway.**
- **Drilling program at the Hansen Uranium Deposit scheduled to commence in the first week of May.**
- **\$4.5 million raised on the exercise of expiring listed options during the quarter.**

**TAYLOR RANCH/HANSEN URANIUM
PROJECT, COLORADO, USA**

Acquisition of the Hansen Uranium Deposit

The Company has held a 100% interest in the 13,000 acre Taylor Ranch Uranium Project in Colorado, USA since November 2006. Initially the Company had an exploration target to delineate 2-3 million pounds of U₃O₈ on the project. Successful exploration by the Company since 2006 has resulted in the delineation of JORC Code compliant resources of more than 60 million pounds of U₃O₈ on this project (see Table 1).

The Taylor Ranch Project lies immediately adjacent to, and to the north of the Hansen Uranium Deposit (see Figures 1 and 2). The Hansen Uranium Deposit was discovered in 1977. Approximately 1,000 holes were drilled previously to define the deposit. Mineralisation is hosted by a flat-lying sandstone sequence, with the high grade portion of the deposit being up to 45 metres in thickness (see Figure 3). Three feasibility studies were completed and the deposit was fully permitted for mining in the early 1980s; however, mining never eventuated because the global uranium price collapsed shortly after permits were awarded.

Recently two parties held the mineral rights over the Hansen Deposit – NZ Minerals LLC (“NZ Minerals”) held a 49% interest and STB Minerals LLC (“STB”) held a 51% interest. STB formally declared that its 51% interest in the Hansen Deposit was

for sale in late 2008. Black Range subsequently aggressively pursued the acquisition of the Hansen Deposit.

In June 2009 the Company secured an option to acquire NZ Minerals' 49% interest in the Hansen Deposit.

In May 2010 the Company agreed on commercial terms to acquire STB's 51% interest in the Hansen Deposit. Following considerable refinement of the content of the final agreements, in February 2011 the Company executed a binding and definitive agreement with STB that provides Black Range an exclusive option to acquire the remaining 51% interest in the Hansen Uranium Deposit.

The Company now holds the exclusive right to acquire 100% of the +60 million pound Taylor Ranch Uranium Project as well as exclusive rights to acquire 100% of the adjacent circa 30 million pound Hansen Uranium Deposit.

Forward Work Program

Three feasibility studies into the development of the Hansen Deposit were completed between 1979 and 1981. These studies concluded that the deposit could be viably developed by way of open pit mining. All permits necessary to mine the deposit were subsequently issued; however, mining never eventuated because the global uranium price collapsed shortly after permits were awarded.

The Company and its consultants have undertaken an extensive review of the historic feasibility data. In order to update these previous studies the Company intends acquiring additional metallurgical, geotechnical and hydrological data at the Hansen Deposit. This will initially entail a 10-12 hole diamond core drilling program at the deposit.

Permits have been obtained to undertake this drilling program. Drilling is scheduled to commence during the first week of May, and is expected to be completed within 3 months. Data acquired will then be analysed to update the previous feasibility studies to pre-feasibility accuracy. Further development plans will then be formulated.

Mine permitting activities will continue throughout this drilling program.

JONESVILLE COAL PROJECT, ALASKA

During the quarter the Company continued to assess numerous opportunities to realise value from this project.

CORPORATE

During the quarter \$4.5 million was raised as a result of the exercise of expiring listed options.

At 30 March 2011 cash reserves were approximately \$8.7 million. The Company also holds shares in ASX-listed Ausmon Resources Limited valued at approximately \$200,000. It is noted that the Company has near-term commitments to pay STB and NZ Minerals a total of USD\$2 million as part consideration for the options they have granted the Company to acquire their respective interests in the Hansen Uranium Deposit.

Mike Haynes, Managing Director

Table 1. JORC Code compliant resources for the Company's 100% owned properties at the Taylor Ranch Uranium Project at different cut-off grades.

Using a cut-off grade of 0.025% U₃O₈:

Category	Tonnes	Grade U ₃ O ₈ (%)	Pounds U ₃ O ₈
Indicated	17,910,008	0.057	22,567,741
Inferred	29,897,723	0.057	37,652,173
Total	47,807,731	0.057	60,219,914

Or using a 0.075% U₃O₈ cut-off grade:

Category	Tonnes	Grade U ₃ O ₈ (%)	Pounds U ₃ O ₈
Indicated	4,406,192	0.111	10,781,688
Inferred	6,386,543	0.121	16,982,818
Total	10,792,735	0.117	27,764,506

Note: JORC Code compliant resources are yet to be finalised for the Hansen Uranium Deposit.

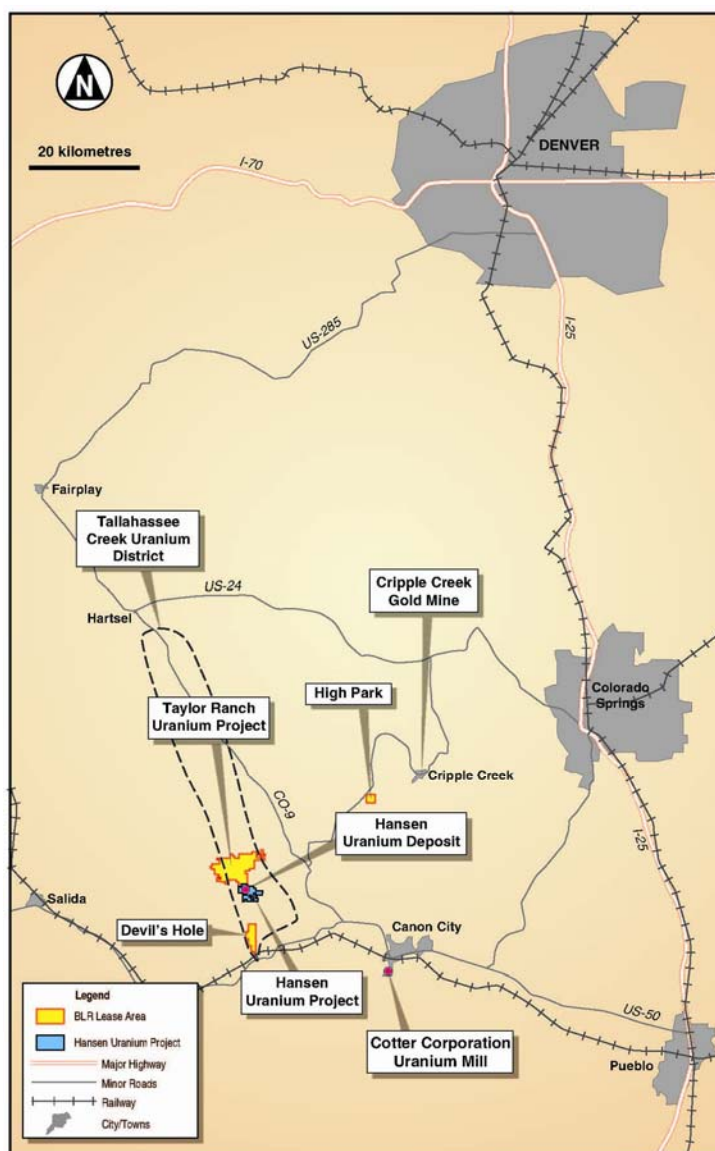


Figure 1. Location of Black Range Minerals' Taylor Ranch/Hansen Uranium Project in Colorado, USA.

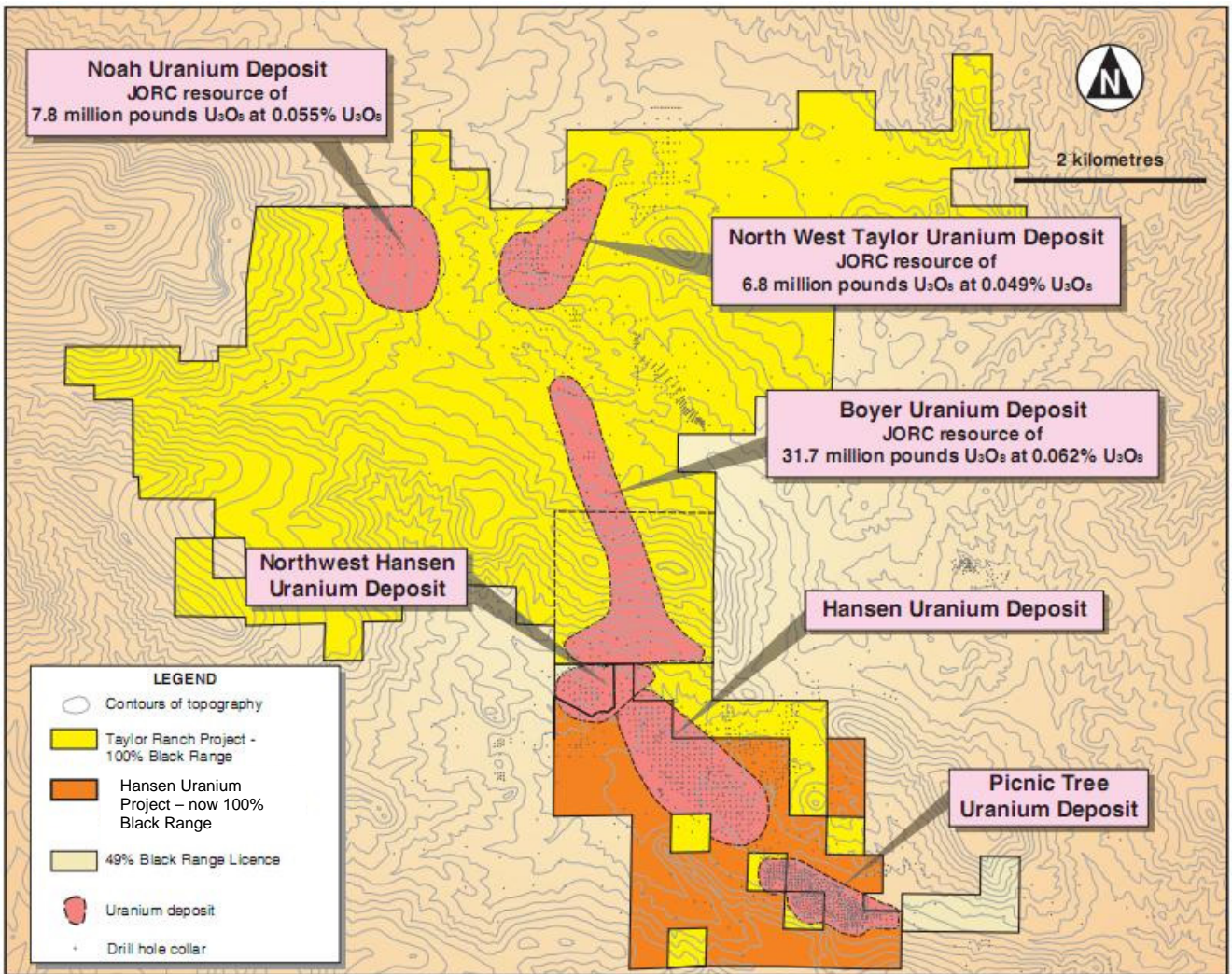


Figure 2. Location of uranium deposits within Black Range's Taylor Ranch/Hansen Uranium Project.

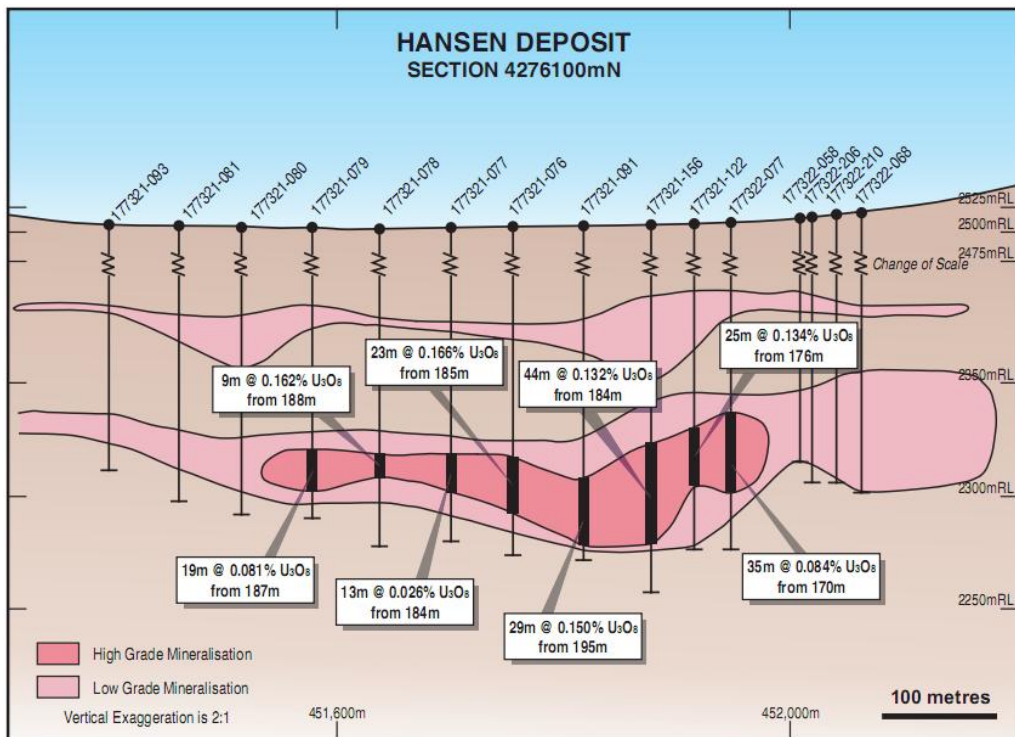


Figure 3. Schematic cross-section through the Hansen Uranium Deposit.

¹ From the abundance of work undertaken at the Hansen Uranium Deposit previously, including approximately 1,000 drill holes and mining feasibility studies, it was reported that the deposit hosts the order of 15-20 Mt of mineralised material at a grade of 0.06-0.08% U₃O₈ for circa 30 million pounds of U₃O₈. As a mineral resource is yet to be calculated for the deposit under the JORC Code, this quantity and grade of mineralisation is conceptual in nature and is an exploration target, and it is uncertain if further exploration will result in the determination of a mineral resource of this size.

Competent Person Statement:

The information in this report that relates to Mineral Resources at the Taylor Ranch Uranium Projects is based on information compiled by Mr. John Rozelle who is a member of the American Institute of Professional Geologists. Mr John Rozelle is the Principal Geologist of Tetra Tech. Mr. John Rozelle has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration and to the activity that he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”. Mr. John Rozelle consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to Exploration Results is based on information compiled by Mr. Ben Vallerine, who is a member of The Australian Institute of Mining and Metallurgy. Mr Vallerine is the Exploration Manager, USA for Black Range Minerals Limited. Mr. Vallerine has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”. Mr. Vallerine consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.