



**Khan Resources Inc.**  
**Annual Information Form**

**For the year ended September 30, 2009**  
**Dated as of December 17, 2009**

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## GLOSSARY OF TERMS

The following terms used but not otherwise defined in this Annual Information Form have the meanings set out below:

**“assay”** means an analysis to determine the presence, absence or concentration of one or more chemical components of interest contained in a sample.

**“°C”** means degrees Celsius.

**“Common Shares”** means all of the issued and outstanding common shares in the capital of Khan and **“Common Share”** means any one common share of Khan.

**“Corporation”** or **“Khan”** means, Khan Resources Inc., a corporation existing under the laws of the Province of Ontario.

**“concentrate”** means a processing product containing the valuable ore mineral from which most of the waste material has been eliminated.

**“cut-off grade”** means the minimum mineral grade at which material can be economically mined and processed (used in the calculation of reserves).

**“deposit”** means a mineralized body which has been physically delineated by sufficient drilling, trenching and/or underground work and found to contain a sufficient average grade of metal or metals to warrant further exploration and/or development expenditures; such a deposit does not qualify as a commercially mineable ore body or as containing Mineral Reserves until final legal, technical and economic factors have been resolved.

**“Feasibility Study”** means a comprehensive study of a deposit in which all geological, engineering, operating, economic and other relevant factors are considered in sufficient detail that it could reasonably serve as the basis for a final decision by a financial institution to finance the development of the deposit for mineral production.

**“grade”** means the amount of mineral in each tonne of ore.

**“Indicated Mineral Resources”** means that part of a Mineral Resource for which quantity, grade or quality, densities, shape and physical characteristics, can be estimated with a level of confidence sufficient to allow the appropriate application of technical and economic parameters, to support mine planning and evaluation of the economic viability of the deposit. The estimate is based on detailed and reliable exploration and test information gathered through appropriate techniques from locations such as outcrops, trenches, pits, workings and drill holes that are spaced closely enough for geological and grade continuity to be reasonably assumed.

**“Inferred Mineral Resources”** means that part of a Mineral Resource for which quantity and grade or quality can be estimated on the basis of geological evidence and limited sampling and reasonably assumed, but not verified, geological and grade continuity. The estimate is based on limited information and sampling gathered through appropriate techniques from locations such as outcrops, trenches, pits, workings and drill holes.

**“leach pad”** means a site prepared with an impermeable base for the piling of ore that will be treated with solutions to extract valuable metals (usually gold and silver).

**“leaching”** means a method of extraction in which a solvent is passed through a mixture to remove some desired substance from it. Leaching is used to remove metals from their ores.

**“Measured Mineral Resource”** is that part of a Mineral Resource for which quantity, grade or quality, densities, shape and physical characteristics are so well established that they can be estimated with confidence sufficient to allow the appropriate application of technical and economic parameters, to support production planning and evaluation of the economic viability of the deposit. The estimate is based on detailed and reliable exploration, sampling and testing information gathered through appropriate techniques from locations

such as outcrops, trenches, pits, workings and drill holes that are spaced closely enough to confirm both geological and grade continuity.

**“mineral”** means an inorganic substance occurring in nature, having a characteristic and homogeneous chemical composition, definite physical properties, and, usually, a definite crystalline form. A few of the minerals (e.g., carbon, arsenic, bismuth, antimony, gold, silver, copper, lead, mercury, platinum, and iron) are elements, but the vast majority are chemical compounds. Minerals combine with each other to make up rocks. Many minerals, especially the metals, are of great economic importance to a highly industrialized civilization, entering into the composition of many manufactured articles. Some minerals, which would otherwise be of no economic significance, are highly valued as gems.

**“Mineral Reserve”** means the economically mineable part of a Measured or Indicated Mineral Resource demonstrated by at least a pre-feasibility study. This study must include adequate information on mining, processing metallurgical, economic and other relevant factors that demonstrate, at the time of reporting, that economic extraction can be justified. A Mineral Reserve includes allowances for dilution and losses that may occur when the material is mined.

**“Mineral Resource”** means a concentration or occurrence of natural, solid, inorganic or fossilized organic material in or on the earth's crust in such form and quantity and of such a grade or quality that it has reasonable prospects for economic extraction. The location, quantity, grade, geological characteristics and continuity of a Mineral Resource are known, estimated or interpreted from specific geological evidence and knowledge.

**“mineralization”** means the concentration of minerals within a body of rock.

**“MW”** means megawatts.

**“NI 43-101”** means National Instrument 43-101 – *Standards of Disclosure for Mineral Projects*.

**“NP 46-201”** means National Policy 46-201 – *Escrow for Initial Public Offerings*.

**“NI 52-110”** means National Instrument 52-110 – *Audit Committees*.

**“open pit mining”** means an excavation for removing minerals which is open to the surface.

**“ore”** means a metal or mineral, or a combination of these, of sufficient value as to quality and quantity to enable it to be mined and processed at a profit.

**“outcrop”** means an exposure of bedrock at the surface.

**“oz”** means ounces.

**“placer”** means a surficial mineral deposit formed by the mechanical concentration of mineral particles from weathered debris.

**“pre-feasibility study”** means a comprehensive study of the viability of a mineral project that has advanced to a stage where the mining method, in the case of underground mining, or the pit configuration, in the case of an open pit, has been established and an effective method of mineral processing has been determined, and includes a financial analysis based on reasonable assumptions of technical, engineering, legal, operating, economic, social, and environmental factors and the evaluation of other relevant factors which are sufficient for a Qualified Person, acting reasonably, to determine if all or part of the Mineral Resource may be classified as a Mineral Reserve.

**“Probable Mineral Reserve”** means the economically mineable part of an Indicated Mineral Resource, and in some circumstances a Measured Mineral Resource demonstrated by at least a pre-feasibility study. The pre-feasibility study must include adequate information on mining, processing, metallurgical, economic, and other relevant factors that demonstrate, at the time of reporting, that economic extraction can be justified.

**“Qualified Person”** means an individual who (a) is an engineer or geoscientist with at least five years of experience in mineral exploration, mine development or operation or mineral project assessment, or any combination of these; (b) has experience relevant to the subject matter of the mineral project and the technical report related thereto; and (c) is a member in good standing of a professional association as defined by NI 43-101.

**“reclamation”** means the process by which lands disturbed as a result of mining activity are modified to support beneficial land use. Reclamation activity may include the removal of buildings, equipment, machinery and other physical remnants of mining, closure of tailings storage facilities, impoundments, leach pads and other mine features, and contouring, covering and re-vegetation of waste rock piles and other disturbed areas.

**“recovery”** is a term used in process metallurgy to indicate the proportion of valuable material physically recovered in the processing of an ore. It is generally stated as a percentage of valuable metal in the ore that is recovered compared to the total valuable metal originally present in the ore.

**“SEDAR”** means the System for Electronic Document Analysis and Retrieval.

**“Shareholder Rights Plan”** means the amended and restated shareholder rights plan agreement dated as of November 14, 2006 between Khan and Equity Transfer & Trust Company adopted by the holders of Common Shares on February 15, 2007, as amended, supplemented or replaced from time to time.

**“stripping ratio”** means the tonnage or volume of waste material which must be removed to allow the mining of one tonne of ore in an open pit.

**“Technical Report”** means a technical report completed in compliance with NI 43-101.

**“TSX”** means the Toronto Stock Exchange.

**“U”** means uranium.

**“U<sub>3</sub>O<sub>8</sub>”, “uranium oxide” or “yellowcake”** means a concentrated uranium oxide obtained by milling a mixture of uranium oxide ore to produce "pulped" ore. This is then bathed in sulphuric acid to leach out the uranium. Yellowcake is what remains after drying and filtering and is usually represented by the formula U<sub>3</sub>O<sub>8</sub>. It is radioactive, forming a coarse powder which is insoluble in water and contains about 80% uranium oxide (U<sub>3</sub>O<sub>8</sub>), and melts at approximately 2,878°C. The yellowcake produced by most modern mills is actually brown or black, not yellow; the name comes from the colour and texture of the concentrates produced by early mining operations. This fine powder is packaged in drums and sent to a conversion plant that produces uranium hexafluoride (UF<sub>6</sub>) as the next step in the manufacture of nuclear fuel.

## **EXPLANATORY NOTES**

Unless otherwise indicated or the context otherwise indicates, in this document, “Khan” refers to Khan Resources Inc. and the “Corporation” refers to Khan and its direct and indirect subsidiaries on a consolidated basis.

Unless otherwise stated, all dollar amounts are expressed in United States dollars.

### **Forward-Looking Information**

Certain information in this Annual Information Form, including any information as to Khan's future financial or operating performance, the future price of uranium, the estimation of mineral reserves and mineral resources, the realization of mineral reserve estimates, the timing and amount of estimated future production, costs of production, capital, operating and exploration expenditures, costs and timing of the development of deposits, costs and timing of future exploration, requirements for additional capital, government regulation of mining operations, environmental risks, reclamation expenses, title disputes or claims, limitations of insurance coverage and the timing and possible outcome of pending litigation and regulatory matters, constitutes "forward-looking information" under applicable Canadian securities laws. All statements, other than statements of historical fact, contain forward-looking information. In this Annual Information Form, the words "believe", "plan", "expect", "budget", "schedule", "estimate", "forecast", "intend", "anticipate", "may", "could", "would", or "will" and similar expressions or variations (including negative variations) of such words and phrases, often, but not always, identify forward-looking information. Forward-looking information can also be identified by use of statements that certain actions, events, performance or results "may", "could", "would", "might" or "will" be taken, occur or be achieved. Statements containing forward-looking information are necessarily based upon a number of estimates and assumptions that, while considered reasonable by Khan, are inherently subject to significant business, economic, political, regulatory, social and competitive uncertainties and contingencies and involve known and unknown risks and other factors which may cause the actual results, performance. Events or achievements of the Corporation to be materially different from any future results, performance, events or achievements expressed or implied by the forward-looking information. Such risks, uncertainties and factors include, but are not limited to: the impact of Mongolian and Canadian laws and regulatory requirements on Khan's business, licenses, operations and capital structure and the ARMZ Offer; regulatory uncertainty and obtaining governmental approvals; possible variations in ore grades or recovery rates; changes in market conditions; changes or disruptions in the securities markets and market fluctuations in prices for the Corporation's securities; the lack of any alternative transactions or the terms and conditions of any alternative strategic transactions not being acceptable; the method of funding and availability of potential alternative strategic transactions involving the Corporation, including those transactions that may produce superior strategic value for shareholders than the ARMZ Offer; changes in the worldwide price of certain commodities such as uranium, coal, fuel, electricity and fluctuations in resource prices; the need to obtain and maintain licenses and permits and comply with national and international laws, regulations or other regulatory requirements; risks involved in the exploration, development and mining business; uncertainty in the estimation of mineral reserves and resources; results of exploration activities; results of reclamation activities; conclusions of economic evaluations; the impact of Mongolian minerals laws on the Corporation's licenses, operations and capital structure; the Corporation's ability to renew its existing licenses; fluctuations in the value of the United States dollar and the Canadian dollar relative to the Mongolian Togrog (the "MNT"); fluctuations in the price of uranium; changes in project parameters as plans continue to be refined; future prices of uranium; variations of ore grade or recovery rates; failure of plant, equipment or processes to operate as anticipated; accidents, labour disputes and other risks of the mining industry; changes in national and local government legislation, taxation, controls, regulations and political or economic developments in Canada, Bermuda, the Netherlands, Mongolia or the British Virgin Islands and any other jurisdiction in which the Corporation, ARMZ or Macusani carries on business; political

instability, insurrection, war or terrorism, hostilities and the occurrence of natural disasters; delays in obtaining governmental approvals or financing or in the completion of development or construction activities, the timing and amount of estimated future development or production, costs of development, production and capital; operating and exploration expenditures; costs and timing of the development of new deposits; costs and timing of future exploration; requirements for additional capital; environmental risks; reclamation expenses; contests over title to properties; limitations of insurance coverage; and the timing and possible outcome of pending litigation and regulatory matters as well as those risk factors discussed in the section entitled "*Risk Factors*" in this Annual Information Form. Many of these risks, uncertainties and contingencies can affect Khan's actual results, performance, events or achievements and could cause actual performance, actions, events or results to differ materially from those expressed or implied in any forward-looking information. All of the forward-looking information in this Annual Information Form is qualified by these cautionary statements. Forward-looking statements contained herein are made as of the date of this Annual Information Form and the Corporation disclaims any obligation to update any forward-looking statements, whether as a result of new information, future events or results or otherwise. There can be no assurance that forward-looking information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements containing forward-looking information. Accordingly, readers should not place undue reliance on forward-looking information.

The Corporation may, from time to time, provide oral forward-looking information or statements. The Corporation advises that the above paragraph and the risk factors described in this Annual Information Form and in the Corporation's other documents filed with the Canadian securities commissions should be read for a description of certain risks, uncertainties and factors that could cause the actual results, performance, events or achievements of the Corporation to materially differ from those in the oral forward-looking information and statements. The Corporation disclaims any intention or obligation to update or revise any oral or written forward-looking information and statements whether as a result of new information, future events or otherwise, except as required by applicable law.



## CORPORATE STRUCTURE

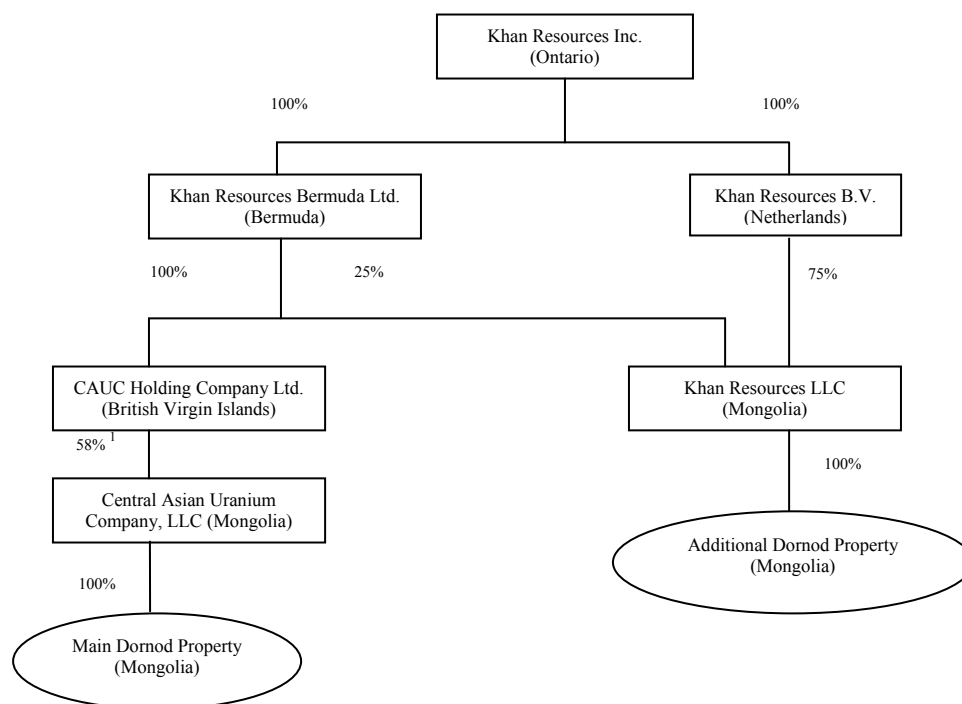
### Name and Incorporation

Khan was incorporated under the name “2016594 Ontario Inc.” pursuant to the *Business Corporations Act* (Ontario) (the “OBCA”) on October 1, 2002. By a certificate and articles of amendment dated January 6, 2003, Khan amended its articles and changed its name to “Khan Resources Inc.”. Khan's articles were further amended on May 31, 2004 by a certificate and articles of amendment removing restrictions in connection with the transferability of its shares.

The Corporation's head and registered office is located at Suite 1007, 141 Adelaide Street West, Toronto, Ontario M5H 3L5. Khan's Mongolian office is located at Ochir House Building, Room 403, Peace Avenue 15A/5, Ulaan Baatar 211213, Mongolia. Khan's registered office in the Netherlands is located at Fred. Roeskestraat 123, 1076 EE Amsterdam, The Netherlands.

### Intercorporate Relationships

Khan's corporate structure, its material subsidiaries, the percentage ownership in its material subsidiaries and the jurisdiction of incorporation of such corporations are set out in the following chart. The chart also indicates particulars of Khan's current ownership of its uranium properties.



#### Notes:

1. The remaining 42% of Central Asian Uranium Company, LLC is owned as to 21% by each of MonAtom LLC (“MonAtom”), a Mongolian state owned company, and JSC Priargunsky Industrial Mining and Chemical Union (“Priargunsky”), a subsidiary of Atomredmetzoloto JSC (“ARMZ”), a Russian state owned company. Priargunsky was the operator of the Main Dornod Property from 1988 to 1995 when it was producing uranium ore for shipment to Russia. As discussed in greater detail below in this Annual Information Form, ARMZ has recently launched an unsolicited offer to acquire all of the issued and outstanding Common Shares of the Corporation by way of take-over bid.

## **GENERAL DEVELOPMENT OF THE BUSINESS**

### **Overview**

The Corporation is a Canadian-based mineral exploration and development company engaged in the acquisition, exploration and development of uranium in Mongolia. The Company is currently engaged in the exploration and development of certain uranium properties that are located in the Dornod district of north eastern Mongolia, a district that contains a number of known uranium deposits. These uranium properties are known as the Dornod Uranium Project and currently consist of a 58% interest in the “Main Dornod Property” (defined below) and a 100% interest in the “Additional Dornod Property” (defined below). The Company expects its interests in the Main Dornod Property and the Additional Dornod Property to decrease as a result of the new Nuclear Energy Law; however, the Company has not been able to determine its new interests at this time. On November 30, 2009, the Company acquired an approximate 17.9% interest in Macusani Yellowcake Inc. (“Macusani”), a Canadian company, which holds uranium properties in the Macusani Plateau district of Peru.

At September 30, 2009, the Corporation had a total of 18 employees: 5 in Canada and 13 in Mongolia.

### **Initial Listing**

Khan listed its common shares (the “Common Shares”) as well as class E warrants (the “Class E Warrants”) on the Toronto Stock Exchange (the “TSX”) effective August 2, 2006 and became a reporting issuer in Ontario, British Columbia, Alberta, Saskatchewan and Manitoba. The Class E Warrants expired on August 2, 2008.

### **Acquisition of the Main Dornod Property**

Khan was incorporated on October 1, 2002 for the purpose of acquiring uranium and gold interests in Mongolia.

Khan and its wholly-owned subsidiary, Khan Resources Bermuda Ltd. (“Khan Bermuda”), were formed to effect the indirect acquisition of a 58% interest in Central Asian Uranium Company, LLC (“CAUC”), a Mongolian company and the owner of the Main Dornod Property, and a 100% interest in Ikh Tokhoirol LLC, the owner of the Big Bend Gold Property. The Big Bend Gold Property was sold on October 11, 2007; see “*General Development of the Business – Sale of the Big Bend Gold Property*”.

The Main Dornod Property consists of an open pit mine (“Dornod Deposit No. 2”) and approximately two-thirds of an underground deposit (“Dornod Deposit No. 7”). From 1988 to 1995, Priargunsky, a subsidiary of ARMZ, a Russian state owned company, extracted approximately 590,000 tonnes of ore at an average grade of 0.118 per cent uranium oxide (“U<sub>3</sub>O<sub>8</sub>”) from Dornod Deposit No. 2. At Dornod Deposit No. 7, two shafts have been built to depths of 510 and 500 metres and approximately 20,000 metres of development drifts, which extend onto the Additional Dornod Property, have been constructed. The mining license 237A in respect of the Main Dornod Property is registered in the name of CAUC, in which the Company holds a 58% interest through a subsidiary. The other shareholders of CAUC, who each hold a 21% interest are MonAtom, a Mongolian state owned company and Priargunsky. The Company expects the interests of the shareholders of CAUC will change as a result of the new Nuclear Energy Law; however, the Company has not been able to determine the new interests at this time. Khan operates the Main Dornod Property through a joint venture with MonAtom and Priargunsky.

The acquisition of the Main Dornod Property was effected in two stages. In the first stage of the acquisition, by agreement dated July 30, 2003, Khan Bermuda acquired 100% of the issued shares of CAUC Holding Company Limited. (“CAUC Holding”) (then known as World Wide Mongolia Mining Inc.), a British Virgin Islands company, which in turn owns 58% of the issued shares of CAUC, the owner of the Main Dornod Property and related mining license.

In the second stage of the acquisition, following the acquisition of CAUC Holding by Khan Bermuda, Khan acquired all of the issued and outstanding shares of Khan Bermuda pursuant to a share exchange agreement (the “Share Exchange Agreement”) dated July 31, 2003 between Wallace Mays, as vendor, Khan, as purchaser, and Khan Bermuda pursuant to which Khan issued 5,500,000 Common Shares and 7,500,000 special warrants (“Special Warrants”) as consideration. These transactions resulted in Wallace Mays, the previous owner of CAUC Holding and a former promoter and director of Khan, owning a 42.31% voting interest in Khan. See “*Legal Proceedings – Legal Proceedings Involving Wallace Mays*”.

### **Acquisition of the Additional Dornod Property**

In March 2005, pursuant to an agreement dated January 27, 2005 (the “Western Prospector Agreement”) with Western Prospector Group Ltd., a Canadian corporation with uranium properties in Mongolia (“Western Prospector”), the Corporation acquired the “Additional Dornod Property” which consists of exploration license 9282X in respect of approximately 243 hectares of land contiguous with the Main Dornod Property. In addition to the remainder of Dornod Deposit No. 7, the Additional Dornod Property contains part of another underground deposit (“Dornod Deposit No. 5”). In consideration of this purchase, Khan issued 400,000 Common Shares to Western Prospector and granted a 3% royalty on revenues generated from any mineral product extracted from the Additional Dornod Property. The exploration license in respect of the Additional Dornod Property is registered in the name of Khan Resources LLC (“KRL”), a Mongolian company, in which the Corporation currently holds a 100% interest through its Bermudian and Netherlands subsidiaries. The Company expects its interest in KRL to decrease as a result of the new Nuclear Energy Law; however, the Company has not been able to determine its new interest at this time.

### **Mining and Exploration Licenses**

The mining license held by CAUC in respect of the Main Dornod Property was submitted to the Mineral Resources and Petroleum Authority of Mongolia (“MRPAM”) Department of Geology and Mining Cadastre for re-registration and was re-registered on January 23, 2007 with a term of 30 years commencing September 30, 1997 in accordance with the Minerals Law (defined below). The mining license previously had a term of 15 years commencing September 30, 1997. All other terms and conditions of the mining license were unaltered. See “*Narrative Description of the Business – Mongolia – Mining Legislation*”.

On July 15, 2009, the Corporation reported that it had received notice from the Mineral Resources Authority of Mongolia (“MRAM”) (formerly MRPAM) that the mining license for the Main Dornod Property, held by CAUC, had been suspended. Subsequently, following communications with MRAM and the State Specialized Inspection Agency of the Government of Mongolia, the Corporation was informed that the mining license was suspended based on the conclusions of the State Inspector who determined that CAUC was allegedly in violation of applicable laws by reason of it not having registered its deposit resources/reserves with the State Integrated Registry for approval by the Minerals Council. CAUC had submitted its reserve calculations to MRAM for registration in accordance with Mongolian law initially in 2007 and again in 2008. In addition, Khan has more recently taken additional steps in an effort to have the suspension lifted by resubmitting its reserve and resource calculations to the Mongolian Ministry of Mineral Resources and Energy. The formal report on such reserve and resource calculations is still pending as of the date of this Annual Information Form. Having submitted its reserve calculations as required, obtaining approval and registration of its

reserves continues to lie within the purview and control of the Minerals Council of Mongolia. On October 9, 2009, the Minister for Mineral Resources and Energy appointed an experts panel to review the Dornod reserves /resources and this panel is expected to complete its work in late December 2009 or January 2010. The Corporation is also seeking clarification on the license suspension justification by way of an administrative court ruling which is ongoing. The Corporation continues to believe that CAUC has complied with the terms of the mining license and applicable laws in all material respects and, accordingly, the Minerals Council should register the resources/reserves.

The exploration license was renewed for an additional three-year period in February 2008 and the current term of the exploration licence will expire on February 11, 2011. Under the Minerals Law (defined below), the license may be renewed for one additional three-year period. The Corporation is currently taking steps to convert the exploration license for the Additional Dornod Property into a mining license in accordance with the Minerals Law. To this end, the Corporation has submitted the reserve and resource calculation for the Additional Dornod Property, prepared in accordance with Mongolian standards and requirements, to MRAM. This is a necessary precondition in the process of converting an exploration license to a mining license in accordance with the Minerals Law. As noted above, the formal report on the reserve and resource calculations submitted to the Ministry of Mineral Resources and Energy is still pending as of the date of this Annual Information Form. See *“Narrative Description of the Business – Mongolia – Mining Legislation”*.

On July 16, 2009, the Mongolian Parliament passed a new Nuclear Energy Law that classifies all radioactive mineral deposits, regardless of size, as strategically important mineral deposits and regulates the nuclear energy industry in Mongolia, including the exploration, exploitation, development, mining and sale of uranium. The new law became effective on August 15, 2009. In connection with the passing of the Nuclear Energy Law, the Mongolian Parliament also passed certain procedures relating to the re-registration of existing exploration and mining licenses held prior to the Nuclear Energy Law becoming effective. Existing license holders were required to submit an application to the State Administrative Authority and renew and re-register their existing licenses by November 15, 2009. The Corporation submitted the applications for the renewal and re-registration of the mining license and exploration license in respect of the Dornod Uranium Project on November 10, 2009, but because there is no timetable for this process to be completed, the timing and status of the license re-registrations is not known at this time. See *“Narrative Description of the Business – Mongolia – Nuclear Energy Legislation”*.

### **Pre-Feasibility Study**

On August 15, 2007, the Corporation announced that it had completed a pre-feasibility study (“PFS”) in respect of the Dornod Uranium Project. The PFS resulted in a greater than 16% increase in the NI 43-101 compliant Indicated Mineral Resource previously reported for the Dornod Uranium Project, for a total of 25.3 millions tonnes of ore grading 0.116%  $U_3O_8$  representing 64.3 million pounds of  $U_3O_8$ . The Inferred Mineral Resource estimated in the PFS is 2.2 million tonnes of ore grading 0.050%  $U_3O_8$  representing 2.4 million pounds of  $U_3O_8$ . Further, a significant portion of the Indicated Mineral Resource was upgraded to the Probable Mineral Reserve category. The new Probable Mineral Reserve for Dornod Deposit No. 2 and Dornod Deposit No. 7 is 18.2 million tonnes of ore grading 0.122%  $U_3O_8$  representing 49.1 millions pounds of  $U_3O_8$  out of the 64.3 million pounds of Indicated Mineral Resource. The Technical Report dated September 27, 2007 in respect of the PFS was filed on SEDAR at [www.sedar.com](http://www.sedar.com) on October 17, 2007.

The PFS assumed a uranium price of \$55 per pound  $U_3O_8$ , and a through-put of 3,500 tonnes per day over a 15.5 year mine life, which gave an average annual production rate of 2.9 million pounds of  $U_3O_8$ , at a cost of \$19.99 per pound  $U_3O_8$  or \$49.21 per tonne of ore. This yielded an Internal Rate of Return (“IRR”) of 37.1%, and a Net Present Value (“NPV”) of \$288 million using a 10% discount rate. The capital cost of the project was projected to be approximately \$283 million.

## Definitive Feasibility Study

On March 11, 2009, the Corporation announced the results of its definitive Feasibility Study (“DFS”) for its Dornod Uranium Project in northeastern Mongolia. The study, jointly completed by engineering consultants, Aker Metals, a division of Aker Solutions Canada Inc. (“Aker Solutions”), and resource consultants, Scott Wilson Roscoe Postle Associates Inc. (“Scott Wilson RPA”), has resulted in a study confirming the previous economic robustness of the Dornod Uranium Project.

The DFS was based on the NI 43-101 compliant indicated mineral resource previously reported for the project, prepared by Scott Wilson RPA, of 25.3 million tonnes at an average grade of 0.116% uranium oxide ( $U_3O_8$ ) for 64.3 million lbs of  $U_3O_8$  and an inferred mineral resource of 2.2 million tonnes at an average grade of 0.050%  $U_3O_8$  for 2.4 million lbs of  $U_3O_8$ .

The probable mineral reserve, prepared by P&E Mining Consultants Inc., for the No. 2 open pit and No. 7 underground deposits is 18.0 million tonnes at an average grade of 0.133%  $U_3O_8$  for 52.9 million lbs of  $U_3O_8$  out of the 64.3 million lbs of indicated mineral resources. Khan currently has a 58% interest in the No. 2 deposit and two-thirds of the No. 7 deposit, plus a 100% interest in the remaining one-third of the No. 7 deposit. This current ownership gives Khan an overall interest of approximately 69% of the uranium contained in both deposits. The Company expects its interests in the deposits to decrease as a result of the new Nuclear Energy Law; however, the Company has not been able to determine its new interests at this time.

The DFS assumes a long-term uranium price of \$65 per lb  $U_3O_8$ , and a through-put of 3,500 tonnes per day over a 15 year mine life, which will generate an average annual production rate of 3.0 million lbs  $U_3O_8$ , at a cost of \$23.22 per lb  $U_3O_8$  or \$58.26 per tonne of ore. Almost half of the total uranium production is in the first five years. The initial capital cost of the project is projected to be approximately \$333 million. The above parameters yield a project internal rate of return (“IRR”) after tax of 29.1%, a net present value (NPV) at a 10% discount rate of \$276 million and a payback period of 2.3 years. The after tax NPV at 10% using a uranium price of \$70 per lb  $U_3O_8$  is \$339 million and the IRR after tax increases to 32.5%.

The Dornod project implementation schedule is conservatively estimated to be approximately 36 months from the start of the Detail Engineering to the start of plant production. While this timeline is predicated on the purchase of new equipment, Khan expects to reduce the time-frame significantly by the purchase of used equipment. In addition, the results of the DFS are anticipated to be further optimized with respect to cost and schedule during Detail Engineering. Khan expects this step to commence in 2010, assuming the re-registration of the mining and exploration licenses and successful negotiation of an updated joint venture agreement with its joint venture partners in CAUC and an Investment Agreement with the Government of Mongolia.

On April 24, 2009, the complete Technical Report (NI 43-101) on the Definitive Feasibility Study for the Dornod Uranium Project, Mongolia, dated April 22, 2009, was posted and is available on SEDAR at [www.sedar.com](http://www.sedar.com).

As previously disclosed by Khan, Hrayr Agnerian, P.Geo., Associate Consulting Geologist at Scott Wilson RPA, E.J. (Gene) Puritch, P.Eng. and Malcolm Buck, P.Eng., P&E Mining Consultants Inc., and Les Heymann, P.Eng., Senior Process Consultant, Aker Solutions, are the qualified persons (as defined under NI 43-101) on the Dornod Uranium Project and supervised the preparation of the scientific and technical information contained in the Technical Report (NI 43-101) on the Definitive Feasibility Study for the Dornod Uranium Project, Mongolia, dated April 22, 2009 and the related prior news release issued by Khan on March 11, 2009 in respect of the results of the DFS, which form the basis for the written scientific and technical information reproduced in this Annual Information Form, and copies of which are available on SEDAR at [www.sedar.com](http://www.sedar.com).

For additional information, see “*Narrative Description of the Business – Dornod Uranium Property – Technical Report of April 22, 2009*”.

The uranium spot price was US\$44.50 as at the date hereof. (Source: Trade Tech – [www.uranium.info](http://www.uranium.info))

### **Activities at the Dornod Uranium Project**

In September 2008, the Corporation announced that it had entered into contracts for the construction of a power line and sedimentation pond for the Dornod Uranium Project. The electric power line will be constructed from the Xin Xin Mine, a zinc mine owned by a Chinese company, to the Dornod Uranium Property, a distance of about 26 kilometres and an electrical substation will be constructed at the site. The Xin Xin Mine is connected to an electric power line from the Choibalsan generating plant, approximately 120 kilometres to the south. In conjunction with the contract for the power line, an agreement for the supply of up to 15 MW of electricity has been entered into with the Choibalsan generating plant. The availability of electrical power from this plant will eliminate the use of diesel powered generators at the site and provide sufficient electricity for the future dewatering and rehabilitation of the underground mine workings. The lined sedimentation pond was constructed at the site of the Dornod Uranium Project. Water from the future dewatering of the underground mine workings will be pumped to the pond to allow for the settlement and retention of sediments and particulate matter before the water is released into the environment. The power line is expected to be completed in the spring of 2010 and the sedimentation pond was completed in June 2009.

### **Sale of the Big Bend Gold Property**

The “Big Bend Gold Property” is a gold property located in the Zaamar goldfield district of Mongolia. Ikh Tokhoirol LLC (“Ikh Tokhoirol”), a former wholly-owned Mongolian subsidiary of Khan Bermuda, acquired the Big Bend Gold Property and the corresponding licenses for \$1,667,000 pursuant to an agreement dated July 30, 2003.

On October 11, 2007, Khan Bermuda sold all of the issued and outstanding shares of Ikh Tokhoirol to Berleg Mining LLC for \$2.5 million. Khan no longer owns any interest in the Big Bend Gold Property.

### **Financing Activities**

Since incorporation up to the date hereof, Khan has raised an aggregate of \$22.1 million through the private placement of Special Warrants and the issuance of Common Shares and common share purchase warrants. Khan has also raised \$29.8 million through an initial public offering of units comprising one Common Share and one half Class E Warrant and a secondary offering of Common Shares.

The estimated cost of funding the Dornod Uranium Project to the end of September 30, 2010, including head office costs, is approximately \$5.6 million. Assuming the renewal and re-registration of the mining and exploration licenses for the Dornod Uranium Project, the timing and status of which is still pending, the Corporation is prepared to commence negotiations for an Investment Agreement with the Government of Mongolia. Assuming the successful conclusion of an Investment Agreement, the Detail Engineering would commence. The capital cost of the project from Detail Engineering through to the completion of the processing plant and re-activation and further development of the mine is estimated to be approximately \$333 million based on the DFS. Funding arrangements for the Main Dornod Property remain to be negotiated among the CAUC joint venture partners. At the request of the Corporation, a number of meetings of CAUC shareholders were held in the fall of 2009 in Ulaan Baatar to, among other things, provide the other CAUC

partners, MonAtom and Priargunsky, with an update on operations and developments undertaken by the Corporation at the Main Dornod Property as well as to begin a dialogue to establish the terms of an updated joint venture development agreement to govern future development of the Main Dornod Property as well as cooperation in respect of the Additional Dornod Property. The successful negotiation of an updated joint venture development agreement for the Dornod Uranium Project is one of the prerequisites for major mine development work. At this stage, there can be no certainty as to the timing to complete negotiations with Khan's joint venture partners in CAUC or the outcome of any such negotiations, particularly in light of the unsolicited Offer recently launched by ARMZ, discussed in further detail below.

It is currently premature to identify the Corporation's exact source of financing for its interest in the Dornod Uranium Project in general; however, Khan is considering financing its project obligations either by issuing additional equity, by assuming debt, by advance sale of product or by association with a joint venture partner such as a consumer of uranium or a major uranium producer, or a combination of two or more of these alternatives.

### **Acquisition of Common Shares of the Corporation by Laramide and Compass**

In September 2007, Laramide Resources Ltd. ("Laramide"), a uranium exploration and development company, acquired 5,600,000 Common Shares of Khan from Wallace Mays, the previous owner of CAUC Holding and a former promoter and director of Khan. As a result of the acquisition, Laramide owned 6,550,000 Common Shares of Khan. In November 2009, Laramide acquired an additional 450,000 Common Shares increasing its ownership to 7,000,000 Common Shares of Khan and representing approximately 13% of the Khan's issued and outstanding Common Shares. Laramide is Khan's single largest shareholder.

In March 2008, JSC Compass Asset Management ("Compass"), a Kazakhstan asset management company, through investment funds it manages, acquired control of an aggregate of 5,669,100 Common Shares of Khan representing approximately 10.5% of the Corporation's issued and outstanding Common Shares. Compass is currently Khan's second largest shareholder.

### **Offer for Western Prospector**

On May 11, 2008, Khan announced an offer to acquire all of the outstanding common shares of Western Prospector, in exchange for 0.685 of a Khan Common Share. Western Prospector owns 100% of the Gurvanbulag uranium deposit which is located approximately 40 kilometres from the Dornod Uranium Project. The purpose of the offer was to consolidate ownership of the uranium assets in the Saddle Hills district of Mongolia and to achieve significant anticipated synergies from the joint development of the Corporation's and Western Prospector's uranium deposits in the Saddle Hills district.

Western Prospector recommended that shareholders of Western Prospector reject the Khan offer and sought to identify other strategic alternatives for Western Prospector shareholders, including another bidder for the company. On July 15, 2008, a competing superior all cash bid for Western Prospector was announced by Tinpo Holdings Industrial Company Limited ("Tinpo"). Following such bid, Khan extended its offer on several occasions to permit Western Prospector shareholders to evaluate the competing proposal and to allow the Corporation to monitor several legal issues in respect of the cash offer announced by Tinpo. On September 3, 2008, Khan permitted its offer to expire on the belief that the superior Tinpo offer would proceed and that it was not in the best interests of Khan shareholders for the Corporation to match the Tinpo offer. On October 1, 2008, Western Prospector announced that Tinpo had withdrawn its bid.

On March 25, 2009, Western Prospector and CNNC International Limited ("CNNC Intl") announced the execution of a definitive agreement where CNNC Intl, through its wholly owned subsidiary First

Development Holdings Corporation, offered to acquire all the common shares of Western Prospector at CDN\$0.56 per share. On August 14, 2009, Western Prospector announced that CNNC Intl had acquired all the common shares of Western Prospector and that Western Prospector would be de-listed from the TSX Venture Exchange.

### **Normal Course Issuer Bid**

In October 2008, Khan announced that the TSX has accepted a notice filed by the Company of its intention to make a normal course issuer bid. The Company had 54,143,279 Common Shares outstanding at that time. The notice provides that under the normal course issuer bid, Khan may purchase up to 4,056,828 Common Shares, being 10% of the public float. In addition, the notice provided that the aggregate number of shares that Khan may purchase during any trading day will not exceed 22,978 Common Shares, being 25% of the average daily trading volume of the Common Shares based on their trading volume on the TSX for the most recently completed six calendar months preceding the date of the notice of intention, subject to the Company's ability to make "block" purchases through the facilities of the TSX in accordance with the TSX rules. Khan had not purchased any of its Common Shares during the past 12 month period. The normal course issuer bid commenced on October 23, 2008 and terminated on October 22, 2009. The Company purchased 249,500 Common Shares under the normal course issuer bid and these shares were cancelled.

### **Purchase of interest in Macusani Yellowcake Inc.**

On November 26, 2009, Khan entered into a subscription agreement with Macusani Yellowcake Inc. ("Macusani"), a Canadian company, to acquire by way of a private placement 10 million Macusani common shares at a subscription price of CDN\$0.20 per share. The subscription closed on November 30, 2009 and resulted in the Corporation acquiring approximately 17.9% of the outstanding common shares of Macusani immediately following closing of the subscription. Under separate agreement, Khan will have the right to maintain its pro rata ownership of Macusani in certain subsequent treasury issuances for a period of two and a half years. Khan has acquired the shares for investment purposes and subject to its pre-emptive rights does not presently have any further intention to acquire ownership of, or control over, additional securities of Macusani.

Macusani controls over 220 square kilometres of land located on the Macusani Plateau in the Puno District of southern Peru which include several significant advanced stage exploration properties. In December 2008, Macusani announced indicated resources of 1.3 million lbs of  $U_3O_8$  at a grade of 0.37 lbs of  $U_3O_8$  per short ton and inferred resources of 9.8 million lbs of  $U_3O_8$  at a grade of 0.38 lbs per short ton on its Colibri II and Colibri III properties. In June 2009, Macusani acquired the Corapachi and Kihitian Concessions, two properties on the plateau where higher grade  $U_3O_8$  has been identified. Macusani has conducted an exploration program on these properties subsequent to their acquisition and the Corporation understands that it is in the process of preparing a NI 43-101 compliant resource estimate for these concessions.



**ARMZ Offer for Khan**

On November 27, 2009, Khan announced that it was informed that Atomredmetzoloto JSC (“ARMZ”), a Russian state-owned nuclear energy corporation, which in turn owns Priargunsky, intended to make an unsolicited offer to purchase all of the outstanding Common Shares (together with the associated rights issued under Khan’s Shareholder Rights plan) of Khan for Cdn \$0.65 per share (the “Offer”). On November 30, 2009, ARMZ filed a copy of its offer to purchase and related take-over bid circular (the “Circular”) on SEDAR and published an advertisement formally commencing its Offer.

The Offer is subject to a number of conditions, including the minimum tender condition that at least 66⅔% of the outstanding Common Shares of the Khan, calculated on a fully-diluted basis, be tendered to the Offer and that there has been validly deposited to the Offer and not withdrawn more than 50% of the then outstanding Common Shares held by "Independent Shareholders" (as such term is defined under the Shareholder Rights Plan). The Offer is only for Common Shares of Khan (together with the associated rights issued under the Shareholder Rights Plan) and is not made for any options, convertible securities or other rights (other than the rights issued under the Shareholder Rights Plan) to acquire common shares. The initial expiry time of the Offer is stated in the Circular to be 5:00 p.m. (Toronto time) on February 1, 2010, unless the Offer is withdrawn or extended.

On December 2, 2009, Khan announced that it has a Special Committee of directors established that will be carefully considering and evaluating the Offer by ARMZ, along with identifying and evaluating any alternative strategic transactions that are in the best interests of Khan and its shareholders, taking into account the reality of the circumstances in, and the laws and policies of, Mongolia and addressing the interests of all relevant stakeholders, in addition to enhancing value for shareholders. The Special Committee has engaged Haywood Securities Inc. as its financial advisor in connection with the above process and Davies Ward Phillips & Vineberg LLP is acting as legal counsel. Georgeson Shareholder Communications Canada Inc. has also been retained as information agent.

On December 15, 2009, Khan filed and mailed a directors' circular, setting out the unanimous recommendation of the Board of Directors of the Corporation that shareholders reject the ARMZ Offer and not tender their Common Shares and the reasons for such rejection. The Board of Directors of Khan, on the unanimous recommendation of the Special Committee, unanimously believes that the ARMZ Offer is inadequate, fails to recognize the full value of Khan, contains objectionable terms and conditions that are not in the best interests of Khan or its shareholders and is a prejudicial and opportunistic attempt by ARMZ to acquire Khan without offering fair value to Shareholders. Shareholders are urged to read the directors' circular carefully and in its entirety, as it contains important information regarding Khan, ARMZ and the ARMZ Offer. A copy of the directors' circular is available on SEDAR at [www.sedar.com](http://www.sedar.com).

## **NARRATIVE DESCRIPTION OF THE BUSINESS**

### **Business Objectives and Strategy**

The Corporation's primary business objective is to develop the Dornod Uranium Project and become a supplier of U<sub>3</sub>O<sub>8</sub> to the nuclear power industry. The Corporation currently owns 58% of CAUC which in turn holds a mining license in respect of the Main Dornod Property and indirectly holds 100% of an exploration license in respect of the Additional Dornod Property.

The Corporation has completed the Definitive Feasibility Study in respect of the Dornod Uranium Project.

Assuming the renewal and re-registration of the Corporation's mining license and exploration license under the new Nuclear Energy Law, the timing and status of which is still pending, the conversion of the exploration license into a mining license, the successful negotiation of satisfactory updated joint venture development arrangements with its CAUC partners and an Investment Agreement with the Government of Mongolia, the Corporation intends to (i) bring Dornod Deposit No. 2 and Dornod Deposit No. 7, located on the Main Dornod Property, and the remaining 1/3 of Dornod Deposit No. 7 located on the Additional Dornod Property, into production, and (ii) construct on-site modern milling and processing facilities on the Main Dornod Property and Additional Dornod Property. The Dornod Uranium Project implementation schedule is conservatively estimated to be approximately 36 months from the start of the Detail Engineering to the start of plant production. While this timeline is predicated on the purchase of new equipment, the Corporation expects to reduce the time-frame significantly by the purchase of used equipment. In addition, the results of the DFS are anticipated to be further optimized with respect to cost and schedule during Detail Engineering.

The renewal and re-registration of the Corporation's mining license and exploration license and the conversion of the exploration license into a mining license are prerequisites to the negotiation of any agreements. There can be no certainty as to the timing or outcome of the renewal and re-registration and conversion. The successful negotiation of an updated joint venture development agreement with its CAUC partners and an Investment Agreement with the Government of Mongolia are also considered by Khan to be prerequisites to any major mine development work. While the Corporation would like to enter into such agreements as soon as possible, there can be no certainty as to the timing to complete negotiations with its CAUC joint venture partners or the Government of Mongolia, particularly in light of the unsolicited Offer recently launched by ARMZ (see "*Risk Factors – Negotiation of Investment Agreement with the Government of Mongolia and Risk Factors – Negotiation of Updated Joint Venture Development Agreement with CAUC Participants*").

### **Overview of the Uranium Industry**

#### **Mining and Milling**

Uranium ore is recovered by excavation or by in situ leaching techniques. Excavation may be open pit or underground mining. In general, open pit mining is used where deposits are close to the surface and underground mining is used for deep deposits, typically greater than 120 metres deep. Underground mines have relatively small surface disturbance and the quantity of material that must be removed to access the ore is considerably less than in the case of an open pit mine. In situ leaching involves pumping a liquid into the ground to dissolve the uranium and then pumping that liquid back to the surface. (Source: World Nuclear Association ("WNA"))

After the uranium ore has been mined it is milled. Milling, which is generally carried out close to a uranium mine, extracts the uranium from the ore. At the mill the ore is crushed and ground to a fine slurry. Sulphuric

acid or a strong alkaline solution is used to dissolve the uranium to allow the separation of uranium from the waste rock. It is then recovered from solution and precipitated as uranium oxide ( $U_3O_8$ ) concentrate. This is sometimes referred to as "yellowcake" and generally contains more than 80% uranium. The original ore may contain as little as 0.1% uranium. After drying and usually heating, it is packed in 200-litre drums as a concentrate. The remainder of the ore, containing most of the radioactivity and nearly all the rock material, becomes tailings, which are placed in engineered facilities near the mine (often in mined out pits). (Source: WNA)

### Conversion and Enrichment

Uranium found in nature consists largely of two isotopes, U-235 and U-238. The production of energy in the form of heat in nuclear reactors is from the 'fission' or splitting of the U-235 atoms. Natural uranium contains 0.7% of the U-235 isotope. The remaining 99.3% is mostly the U-238 isotope which does not contribute directly to the fission process. Most nuclear reactors require uranium enriched to 3 to 5 percent U-235 as their fuel. The Canadian-designed Candu and the British Magnox reactors use natural uranium as their fuel. (Source: WNA)

Uranium enrichment requires the material to be in gaseous form. The product of a uranium mine is not directly usable and the uranium oxide must be converted into uranium hexafluoride ( $UF_6$ ) which is a gas at relatively low temperature. There are conversion plants in Europe, Russia and North America. At a conversion facility, the  $U_3O_8$  is first refined to uranium dioxide, which can be used as the fuel for those types of reactors that do not require enriched uranium. Most is then converted into uranium hexafluoride, ready for the enrichment plant. (Source: WNA)

Uranium is enriched into U-235 by gaseous diffusion or centrifuge technology. Both of these processes work on the principle of separating the lighter U-235 from the heavier U-238, when in the form of uranium hexafluoride gas. At present the gaseous diffusion process accounts for about 40% of world enrichment capacity. However, because they are old and energy-inefficient, most gaseous diffusion plants are being phased out over the next five years and the focus is on energy-efficient centrifuge enrichment technology which will replace them. (Source: WNA)

### Price

There is no formal exchange for uranium as there is for other commodities such as gold or oil. Uranium price indicators are developed by a small number of private business organizations that independently monitor uranium market activities, including offers, bids, and transactions. Such price indicators are owned by and proprietary to the business that has developed them.

The uranium spot price (\$/pound  $U_3O_8$ ) steadily increased from \$7 per pound in December 2000 to a peak of \$135 per pound in June 2007. Since that time, the uranium spot price has ranged from \$40 to \$123 and was \$44.50 as at the date hereof. (Source: Trade Tech – [www.uranium.info](http://www.uranium.info))

### Demand

About 435 reactors with combined capacity of over 370 gigawatt net require 77,000 tonnes of uranium oxide concentrate containing 65,500 tonnes of uranium from mines (or the equivalent from stockpiles or secondary sources) each year. Capacity is growing slowly and at the same time, the reactors are being run more productively, with higher capacity factors and reactor power levels. (Source: WNA)

Because of the cost structure of nuclear power generation, with high capital and low fuel costs, the demand for uranium fuel is much more predictable than with probably any other mineral commodity. Once reactors

are built, it is very cost-effective to keep them running at high capacity and for utilities to make any adjustments to load trends by cutting back on fossil fuel use. Demand forecasts for uranium thus depend largely on installed and operable capacity, regardless of economic fluctuations. For instance, when South Korea's overall energy use decreased in 1997, nuclear energy output actually rose, to replace imported fossil fuels. (Source: WNA)

Looking ten years ahead, the market is expected to grow significantly. The WNA reference scenario shows a 33% increase in uranium demand over 2010-20 (for a 27% increase in reactor capacity – many new cores will be required). Demand thereafter will depend on new plant being built and the rate at which older plants is retired – the reference scenario has a 16% increase in uranium demand for the decade to 2030. Licensing of plant lifetime extensions and the economic attractiveness of continued operation of older reactors are critical factors in the medium-term uranium market. However, with electricity demand by 2030 expected (by the OECD's International Energy Agency, 2008) to double from the demand in 2004, there is plenty of scope for growth in nuclear capacity in a greenhouse-conscious world. (Source: WNA)

### Supply

Mines in 2008 supplied some 51,600 tonnes of  $U_3O_8$  containing 43,760 tonnes of U, about 68% of existing utilities' annual requirements. The balance is made up from secondary sources including stockpiled uranium held by utilities, but those civil stockpiles are now largely depleted. As well as existing and likely new mines, nuclear fuel supply may be from secondary sources, including recycled uranium and plutonium from spent fuel, as mixed oxide fuel, re-enriched depleted uranium tails, ex military weapons-grade uranium, civil stockpiles, and ex military weapons-grade plutonium. (Source: WNA)

### Uranium Producers

The uranium industry is concentrated with a small number of companies controlling a majority of the production. In 2008, five companies marketed 68% of the world's uranium mine production (see Figure 1). Also, in 2008, the top five uranium producing countries accounted for 77% of the world's total production, led by Canada at 21% (see Figure 2).

**Figure 1: Major Uranium Producers in 2008 - Companies**

Company	Production (tonnes U)	World Share (%)
Rio Tinto	7,975	18
Cameco	6,659	15
Areva	6,318	14
KazAtomProm	5,328	12
ARMZ	3,688	9
BHP Billiton	3,344	8
Navoi	2,338	5
Uranium One	1,107	3
Paladin	917	2
GA/Heathgate	636	1
Others	5,620	13
<b>Total</b>	<b>43,930</b>	<b>100</b>

(Source: WNA)

**Figure 2: Major Uranium Producers in 2008 - Countries**

Country	Production (tonnes U)	World Share (%)
Canada	9,000	21
Kazakhstan	8,521	19
Australia	8,430	19
Namibia	4,366	10
Russia (est.)	3,521	8
Niger	3,032	7
Uzbekistan	2,338	5
USA	1,430	3
Ukraine (est.)	800	2
China (est.)	769	2
Others	1,557	4
<b>Total</b>	<b>43,764</b>	<b>100</b>

(Source: WNA)

## Mongolia

### Introduction

Mongolia is a landlocked country, located in northeast Asia between Russia and China. The country has a total area of 1,565,600 km<sup>2</sup> and shares a 4,673 km long border with China on its eastern, western and southern sides and a 3,485 km long border with Russia to the north. The population of Mongolia is estimated at 2.7 million people with approximately 1 million people living in Ulaan Baatar, the capital and largest city. Some 40% of the population lives in the countryside, primarily subsisting as nomadic livestock herders, while the rest live in cities or small settlements spread throughout the country. The official national language is "Khalkha Mongol" and the primary religion is Buddhism.



The latitude of Mongolia, between 42° and 52° north, is approximately the same as that of Central Europe; however, because the country is far from the ocean and has a relatively high median altitude of 1,580 m above sea level, the climate is characterized by an extreme continental climate with large temperature fluctuations and low total rainfall, averaging 200-220 mm per year. Most precipitation falls during the short summer, while winter is generally dry and extremely cold. Temperatures in summer average approximately 25°C, while winter temperatures average -21°C.

The Corporation's Dornod Uranium Project is located in the north-eastern portion of Mongolia some 650 km to the east of the capital city of Ulaan Baatar.

### Infrastructure

Mongolia, being a land-locked country with a small rural population, has limited transportation infrastructure. Although there are some second-class roads, travel to remote areas is difficult and requires the use of off-road vehicles or camel/horse trains. There are railway links with Russia and China, and excellent air links with Moscow, Beijing, Seoul, Western Europe and other East Asian countries.

The infrastructure in Mongolia is improving annually due to an increase in tourism, and the resulting need to provide western style accommodations and services.

### Mining Industry

The mining sector is Mongolia's single largest industry. Prior to 1970, Mongolia was not able to develop its vast mineral resources due to a lack of infrastructure and lack of financing for mineral resource development. However, beginning in 1970, various deposits of copper, gold, fluorspar, uranium, and coal were developed by joint ventures formed in partnership with the former Soviet Union and its allies. The most notable of these ventures is the Erdenet copper mine, a joint venture between Mongolia and Russia.

In the mid-1990s, some major western companies, such as BHP Billiton plc and Rio Tinto plc, as well as a number of junior companies, began exploring for minerals in Mongolia, principally copper and gold. Following the enactment of a new minerals law in 1997 (which was replaced in 2006 as described below), and the general rise in prices of commodities in subsequent years, many other companies have initiated exploration programs in Mongolia.

Gold mining is second in importance to copper in mineral production from Mongolia with the largest proportion of that gold production being derived from alluvial gold deposits in the Zaamar region. Deposits of coking coal, used in making iron and steel, are expected to be exploited. Resources at the Tavan-Tolgoi deposits, about 530 km from the capital, Ulaan Baatar, are estimated at more than 5 billion tonnes. The quality of these coal resources reportedly are on par with deposits in Australia and Canada, major players in the world coal market.

Until recently, foreign investment and direct participation by foreign companies in exploration for, and extraction and processing of, mineral resources, as well as in a wide range of mining-related industries, has been actively encouraged. However, Mongolia's national policies concerning its mineral sector are continuously under review, and on July 8, 2006, the Mongolian Parliament adopted a new Minerals Law that contains provisions relating to, among other things, state ownership that are inconsistent with the policy of actively encouraging foreign investment in the mining industry. (See "*Political Landscape*" and "*Mining Legislation*".) With respect to uranium resources, the Mongolian Parliament passed a new Nuclear Energy Law on July 16, 2009 that classifies all radioactive mineral deposits, regardless of size, as strategically important mineral deposits and regulates the nuclear energy industry in Mongolia, including the exploration, exploitation, development, mining and sale of uranium. The new law became effective on August 15, 2009 and is discussed in greater detail below.

### Political Landscape

Mongolia has a democratic form of government based on a unicameral (one chamber) parliamentary system and a directly elected president. The prime minister is nominated by and serves on behalf of the majority party in the Great Khural ("Parliament"), which is the parliament of Mongolia. The Constitution enshrines the concepts of democracy, freedom of speech, and judicial independence, among others.

The first multiparty elections were held in July of 1990 at which the Mongolian People's Revolutionary Party (the "MPRP") became the dominant political party. The MPRP was victorious again in the July 1992 elections but lost to a coalition of opposition groups (the "Democratic Coalition") in the elections of 1996. The MPRP regained power in 2000.

In 2004, MPRP and the Democratic Coalition each gained control of roughly one-half of the parliamentary seats. In order to form a government, the groups entered into a power sharing agreement that caused it to be

difficult for the Government of Mongolia to maintain consistent policies and administrative practices, most notably within the minerals sector.

On the legislative side, as a consequence of the governance gridlock following the 2004 elections, and a growing populist sentiment that foreign mining companies are profiting from the extraction and sale of Mongolia's mineral resources and that Mongolia is not getting its fair share, various individuals and groups seized the opportunity to propose radical changes to the existing minerals legislation. These proposals reflected a widespread public sentiment for establishing a new paradigm for the development and marketing of the country's natural resources and provoked strong negative responses from companies engaged in exploration and mining in Mongolia, as well as the World Bank and other institutional donors.

On June 29, 2008, a general election was held in Mongolia. The MPRP won the majority of seats in the Parliament. After the election, a new Ministry of Mineral Resources and Energy was established. Previously, the Ministry of Industry and Trade was responsible for mining and energy matters.

### Mining Legislation

On July 8, 2006, the Parliament revised the existing minerals legislation substantially changing the legal regime that governed the exploration and exploitation of mineral resources in Mongolia. The 2006 Revised Minerals Law of Mongolia ("Minerals Law") allows the State to participate in a mining license-holder's company where a mineral deposit is defined by the State as being "strategically important". By definition a strategically important minerals deposit is any deposit whose "scope may have a potential impact on national security, national or regional economic and social development, or that is producing or has the potential to produce more than 5% of total annual Gross Domestic Product". Additionally, the Minerals Law provides for increased reporting requirements, environmental bonds, new permitting requirements, consents and approvals from a broader range of government authorities prior to the commencement of commercial mining and changes to yearly exploration expenditures and fees payable to the State by mineral license-holders. Beginning in 2007, the Dornod Uranium Project was designated as a deposit of "strategic importance" under the Minerals Law. The activities of the Corporation were primarily regulated by the Minerals Law until the passage of the Nuclear Energy Law on July 16, 2009.

While the Minerals Law no longer directly regulates the exploration and exploitation of radioactive minerals (as uranium is defined in the Nuclear Energy Law), it remains an integral part of the Nuclear Energy Law in that many of the definitions, procedures and requirements of the Minerals Law have been incorporated and remain requirements for minerals license-holders under the Nuclear Energy Law.

To a lesser extent, the Subsoil Law of Mongolia ("Subsoil Law") in addition to the Minerals Law and the Nuclear Energy Law regulates mineral license-holders. In particular, the Subsoil Law regulates the license-holder's obligation to commence operations under a mining license as well as this law regulations the construction of mine support and process facilities.

### Nuclear Energy Legislation

On July 16, 2009, the Mongolian Parliament passed a new Nuclear Energy Law that classifies all radioactive mineral deposits, regardless of size, as strategically important mineral deposits and regulates the nuclear energy industry in Mongolia, including the exploration, exploitation, development, mining and sale of uranium. The new law became effective on August 15, 2009.

The Nuclear Energy Law gives the Mongolian Government the right to take ownership without payment of not less than 51% (if uranium resources were determined with State funding), or not less than 34%.(if uranium resources were determined without State funding) of the shares of a license holder, and the further



right to revoke outstanding licenses if the license holders did not agree to abide by these provisions and submit applications in the required form to re-register their existing licenses in accordance with the Nuclear Energy Law by November 15, 2009. It is not certain whether or on what terms Mongolia would seek to acquire additional equity in the license holders, or the amount of such additional equity.

The law gives the State Administrative Authority the responsibility over the implementation and enforcement of State policy on the exploitation of radioactive minerals and nuclear energy, including the power to grant, suspend or revoke any licenses granted pursuant to the Nuclear Energy Law. The Nuclear Energy Law requires licenses to be obtained to conduct a variety of activities relating to radioactive minerals and nuclear energy, including an exploration license to prospect and explore for radioactive minerals, and a mining license to exploit radioactive minerals.

To obtain an exploration license, the law provides that the applicant must, among other things, conduct its activities in a transparent and stable manner, be financially capable to conduct exploration activity of radioactive minerals and reclamation, conduct responsible mining, and have sufficient experience in the field of mining. Exploration licenses will be issued to persons who best meet the conditions set out in the Nuclear Energy Law, and agree to accept the state ownership of the required percentage of shares of the license holder, discussed above.

In addition to satisfying the conditions applicable to exploration licenses, an applicant for a mining license must also, among other things, hold a stable and leading position producing and selling radioactive minerals on the world market, be financially independent and have the capacity to sell radioactive minerals for peaceful purposes at the world market price, have the financial capacity to mine radioactive minerals and have many years of experience in mining radioactive minerals.

The Nuclear Energy Law requires that a holder of a mining license conclude a mining agreement with the State Administrative Authority within 60 days from issuance of the mining license, setting out, among other things, the reasons for mining radioactive minerals, the term of exploitation, the type and grade of deposit and deposit reserves, the technology, production capacity and quantity of products to be mined as reflected in the feasibility study, conditions of sale, an environmental protection and reclamation plan including the associated implementation costs, a mine closure plan, and the other rights, obligations and responsibilities of the parties. The State Administrative Authority can revoke the license if a mining agreement is not concluded within the 60-day period.

The Nuclear Energy Law also provides that an Investment Agreement may be concluded between the State and exploration and/or mining license holder for up to a 10-year term. The law further provides that an Investment Agreement may be extended for a further term of up to 10 years. There is no minimum investment threshold and investors of exploration or mining license are given the same protections as provided in the Minerals Law.

In connection with the passing of the Nuclear Energy Law, the Parliament also passed certain procedures relating to the re-registration of existing exploration and mining licenses held prior to the Nuclear Energy Law becoming effective. As noted above, existing license holders were required to submit an application to the State Administrative Authority for the renewal and re-registration of their existing licenses by November 15, 2009. In order to have licenses re-registered, applicants were required to abide by all of the conditions and requirements set out in the Nuclear Energy Law, including acceptance of the State's 51% or 34% share participation in the license holder, as applicable. Any licenses that are not re-registered as required are considered to automatically be suspended. As noted elsewhere in this Annual Information Form, robust applications to re-register both the mining and the exploration licenses for the Dornod Uranium Project were

submitted prior to the November 15, 2009 deadline. However, as of the date of this Annual Information Form, the timing and status of any such re-registrations is still pending.

#### Royalties

The Minerals Law as incorporated into the Nuclear Energy Law provides for a royalty at the rate of 5% with respect to the sales value of minerals that are sold, shipped for sale, or otherwise used.

#### Tax Legislation

Mongolia does not have a comprehensive tax code, but rather relies on a collection of individual laws. The relevant tax laws in the case of uranium mining companies are the economic entities tax law ("Corporate Tax Law") and the value added tax law ("VAT Law").

The following is a summary of pertinent provisions of the Corporate Tax Law and the VAT Law:

- Income tax rates applicable to business entities are 10% on the first three billion togrogs (approximately \$2,079,000 as at the date hereof) and 25% on amounts in excess of this amount.
- Subject to certain exemptions and other adjustments, VAT is imposed at the rate of 10% and is payable to the central government with respect to imported and exported goods, services and work rendered, goods sold, work and services rendered within Mongolia and services rendered by foreign persons to Mongolian citizens residing in Mongolia. As a general rule, most export goods are "zero-rated" (i.e. the VAT rate for exports is 0% and the exporter can credit VAT paid to produce the exports against other taxes payable). Parliament amended the VAT Law in July 2009 to include certain "finished" mining products in the category of zero-rated export goods, but has yet to provide the Cabinet resolution required under the law to identify what finished mining products are covered by the law. Additionally a list of exempt imported items is identified by the Cabinet each year.
- A broad range of business expenses are allowed as deductions in calculating taxable income.
- A four to eight year loss carry-forward provision (with losses carried forward capped at 50% of the company's taxable income in each carry-forward year) is allowed where the exact loss carry-forward period (within the range of four to eight years) is determined by Cabinet resolution.
- 10% of invested capital in priority sectors can be applied as a credit against income taxes payable.

#### Permitting Legislation

The Minerals Law, the Nuclear Energy Law, the Subsoil Law and various other laws require that a mining license-holder obtain permits, approvals, consents or approvals from various State and local government authorities prior to the commencement of commercial mining operations.

#### Water Basin Legislation

In July 2009, the Parliament passed the Law On Prohibit The Exploration And Mining Minerals From Beginning Of River Source, and the Protection Area Of Water Reservoir Land And Wood Reservoir Area ("Water Basin Law") which prohibits mineral exploration and/or mining in river basins and forested areas. According to the terms of the Water Basin Law, the Government must define what it determines to be a "water basin" and "forested areas". As yet, the Government has not made this determination. According to

the terms of the law, existing exploration and mining licenses in those areas will be revoked and the licenseholder will be compensated.

#### Environmental Legislation

The Environmental Protection Law of Mongolia together with the Environmental Impact Assessment Law and the Minerals Law regulate how mineral resource companies must comply with environmental legislation related to their mining activities. All minerals resource companies have a duty to use the natural environment (which includes land and soil, water, underground and mineral wealth, flora, fauna and air) in a safe and healthy manner so as to prevent ecological imbalance. This duty includes the obligations to (i) conduct an environmental impact assessments defining how the mining companies' exploitation of mineral resources will impact the environment, and the measures taken by the mining companies to minimized and/or mitigated the adverse effects of such activities, (ii) prepare environmental protection plans and conduct ongoing environmental monitored related to those plans, (iii) report yearly on the mining companies' compliance with the environmental protection plans and monitoring requirements, (iv) maintain records on toxic substance disposal and waste discharges as well as the operation of any monitoring equipment, and (v) properly fund State-held reclamation accounts in accordance with the level of mining companies' mining and related activities for each given year.

#### **Dornod Uranium Project – Technical Report of April 22, 2009**

A reproduction of the summary from the Technical Report entitled “Technical Report (NI 43-101) on the Definitive Feasibility Study for the Dornod Uranium Project, Mongolia” dated April 22, 2009 and prepared by Aker Solutions (Hrayr Agnerian, M.Sc., Eugene Puritch, P.Eng., Malcolm Buck, P.Eng., and Leslie H. Heymann, P.Eng.) is attached hereto as Exhibit A. The Technical Report was prepared in conformity with the requirements of NI 43-101. Each of Mr. Agnerian, Puritch, Buck and Heymann is an independent Qualified Person as defined in NI 43-101 and Form 43-101F1. Readers are encouraged to review the Technical Report in its entirety under Khan's profile on SEDAR at [www.sedar.com](http://www.sedar.com) which Technical Report is incorporated by reference into this Annual Information Form.

## **RISK FACTORS**

### **Renewal and Re-registration of Licences**

On July 16, 2009, the Mongolian Parliament passed a new Nuclear Energy Law that classifies all radioactive mineral deposits, regardless of size, as strategically important mineral deposits and regulates the nuclear energy industry in Mongolia, including the exploration, exploitation, development, mining and sale of uranium. The new law became effective on August 15, 2009. In connection with the passing of the Nuclear Energy Law, the Mongolian Parliament also passed certain procedures relating to the re-registration of existing exploration and mining licenses held prior to the Nuclear Energy Law becoming effective. Existing license holders were required to submit applications to the State Administrative Authority to renew and re-register their existing licenses by November 15, 2009. In order to have licenses re-registered, applicants were required to agree to abide by all of the conditions and requirements set out in the Nuclear Energy Law, including acceptance of the State's 51% or 34% share participation in the license holder, as applicable. Any licenses that are not re-registered under the Nuclear Energy Law, as required, are considered to automatically be suspended. Khan considers the re-registration of the licenses to be a prerequisite to any major mine development work on the Dornod Uranium Project. The Corporation submitted the applications for the renewal and re-registration of the mining license and exploration license for the Dornod Uranium Project on November 10, 2009. There can be no certainty as to the timing, status or outcome of the renewal and re-registration of the essential mining license and exploration license for the Dornod Uranium Project. The Board of Directors of Khan believes that by launching its unsolicited Offer and creating a state of uncertainty surrounding Khan and its future operations and ownership structure during a critical period when the Government of Mongolia has a renewed focus on ownership of strategic assets in Mongolia and Khan is making great efforts to work together with the Government to effect the re-registration of the essential licenses, the ARMZ Offer has exposed Khan to significant risk that the license re-registrations may be delayed or denied as a result. A significant delay or denial of the license re-registrations is likely to have a material adverse effect on Khan, its subsidiaries and joint venture, and their business, assets and financial condition. See “*Narrative Description of the Business – Mongolia – Nuclear Energy Legislation*”.

### **Actions under the Nuclear Energy Law Could Affect Khan’s Ability to Control its Mineral Properties**

The Nuclear Energy Law gives the Mongolian Government the right to take ownership without payment of not less than 51% (if uranium resources were determined through exploration with State funding), or not less than 34% (if uranium resources were determined without State funding) of the shares of a license holder, and the further right to revoke outstanding licenses if the license holders did not agree to abide by these provisions and submit applications in the required form to re-register their existing licenses in accordance with the Nuclear Energy Law by November 15, 2009. It is not certain whether or on what terms Mongolia would seek to acquire additional equity in the license holders, or the amount of such additional equity. The acquisition of any interest in Khan or its subsidiaries or joint venture without payment or otherwise pursuant to the Nuclear Energy Law may have a material adverse effect on Khan and/or its subsidiaries or joint ventures, or their business, assets and financial condition. see “*Narrative Description of the Business – Mongolia – Nuclear Energy Legislation*”.

### **Final Results of Parliament’s Analysis of the Water Basin Law**

In July 2009, the Parliament passed the Law On Prohibit The Exploration And Mining Minerals From Beginning Of River Source, and the Protection Area Of Water Reservoir Land And Wood Reservoir Area (“Water Basin Law”) which prohibits mineral exploration and/or mining in river basins and forested areas. According to the terms of the Water Basin Law, the Government must define what it determines to be a “water basin” and “forested areas”. As yet, the Government has not made this determination. According to the terms of the law, existing exploration and mining licenses in those areas will be revoked and the license-

holder will be compensated. The Corporation believes there is very little risk that the Main Dornod Property and the Additional Dornod Property will be deemed as water basin or forested lands for the purposes of this law.

### **Negotiation of Investment Agreement with the Government of Mongolia**

Khan considers the successful negotiation of an Investment Agreement with the Government of Mongolia to be a prerequisite to any major mine development work on the Dornod Uranium Property. While Khan plans to commence the negotiation of, and enter into, an Investment Agreement with the Government of Mongolia at the earliest practicable date, there can be no certainty as to when such negotiations with the Government of Mongolia will commence or the amount of time that will be required to complete these negotiations and finalize an agreement. Any material delays in, or the failure of, those negotiations could materially affect Khan's ability to develop the Dornod Uranium Property.

### **Negotiation of Updated Joint Venture Development Agreement with CAUC Participants**

Khan considers the successful negotiation of an updated joint venture development agreement with MonAtom and Priargunsky to be a prerequisite to any major mine development work on the Main Dornod Property. While the Corporation intends to commence these negotiations at the earliest practicable date, there can be no certainty as to the amount of time that will be required to complete these negotiations or whether the negotiations will ultimately be successful, particularly in light of the unsolicited Offer recently launched by ARMZ. Any material delays in, or the failure of, those negotiations could materially affect the Corporation's ability to develop the Dornod Uranium Property and the Corporation's business, assets and financial position.

### **Additional Capital Requirements**

In order to continue exploring and ultimately developing (and operating) Khan's mineral properties and acquiring additional properties, management may be required to pursue additional sources of financing. While Khan has been successful in obtaining such financing in the past, there is no assurance that it will be successful in the future. Failure to obtain sufficient financing may result in delaying or indefinitely postponing exploration, development of or production on any or all of the Corporation's properties or even loss of property interest. It may also prevent the Corporation from meeting its obligations under agreements to which it is a party as a result of which its interest in the properties may be reduced. There can be no assurance that additional capital or other types of financing, if needed, will be available or, if available, that the terms of such financing will be favourable to the Corporation.

The amount of administrative expenditures is related to the level of financing and exploration activities that are being conducted, which in turn may depend on the Corporation's recent exploration experience and prospects, as well as general market conditions relating to the availability of funding for exploration-stage resource companies. As a result, there may not be predictable or observable trends in the Corporation's business activities and comparison of financial operating results with prior years may not be meaningful.

### **Political Stability and Government Regulation**

Khan is exposed to risks of political instability and changes in government policies, laws and regulations in the country in which it operates. The majority of the Corporation's assets consist of its mineral interests in Mongolia that may be adversely affected in varying degrees by political instability, government regulations relating to the mining industry and foreign investment therein, and the policies of other nations in respect of Mongolia. Any changes in regulations or shifts in political conditions are beyond Khan's control and may adversely affect its business. The Corporation's operations may be adversely affected in varying degrees by government regulations, including those with respect to restrictions on foreign ownership, production, price

controls, export controls, income taxes, expropriation of property, employment, land use, water use, environmental legislation and mine safety. The regulatory environment is in a state of continuing change, and new laws, regulations and requirements may be retroactive in their effect and implementation. Khan's operations may also be adversely affected in varying degrees by economic instability, economic or other sanctions imposed by other nations, terrorism, military repression, crime, risk of corruption including violations under U.S. and Canadian foreign corrupt practices statutes, fluctuations in currency exchange rates and high inflation.

The Corporation's operations, and the development of its properties, are subject to obtaining and maintaining licenses and permits from appropriate governmental authorities. There is no assurance that such licenses and permits can be obtained or renewed, or that delays will not occur in obtaining all necessary licenses and permits or renewals of such licenses and permits for Khan's existing properties or additional permits required in connection with future exploration and development programs. Prior to any development of the Dornod Uranium Project, the Corporation must receive licenses and permits from appropriate governmental authorities. There can be no assurance that the Corporation will obtain or continue to hold all licenses and permits necessary to develop or continue operating the Dornod Uranium Project.

If the Dornod Uranium Project is advanced to development stage, those operations will also be subject to various laws and regulations concerning development, production, taxes, labour standards, environmental protections, mine safety and other matters. In addition, new laws and regulations governing operations and activities of mining companies, including without limitation the Nuclear Energy Law and related regulations, could have a material adverse impact on any of the Corporation's projects in the mine development stage.

### **Adequacy of Infrastructure**

Development and exploration activities depend, to one degree or another, on adequate infrastructure. Reliable roads, bridges, power sources and water supply are important determinants, which affect capital and operating costs. Unusual weather phenomena, sabotage, government or other interference in the maintenance or provision of such infrastructure, including the fact that Khan conducts most of its operations in remote regions of Mongolia with limited available infrastructure, could adversely affect Khan's operations, financial condition and results of operations.

### **Estimates of Mineral Reserves and Mineral Resources May Prove to Be Inaccurate**

Calculations of Mineral Reserves and Mineral Resources and metal recovery are only estimates, and there can be no assurance about the quantity and grade of minerals until reserves or resources are actually mined. Until reserves or resources are actually mined and processed, the quantity of reserves or resources and grades must be considered as estimates only. In addition, the quantity of reserves or resources may vary depending on commodity prices. Any material change in the quantity of resources, grade or stripping ratio or recovery rates may affect the economic viability of the Corporation's properties and its financial condition.

### **No Operating History**

The Corporation does not have an operating history and there can be no assurance of its ability to operate the Dornod Uranium Project profitably in the future. While Khan expects in the future to generate additional working capital through the operation, development, sale or possible syndication of the Dornod Uranium Property, through debt or equity financings, or in combination with one or more third parties through some form of strategic transaction, there is no assurance that it will be capable of producing positive cash flow or, if successful, that any such funds will be available for exploration and development programs.

**Ability to Continue as a Going Concern**

The Corporation's ability to continue as a going concern is uncertain and is dependent upon its ability to secure re-registration of the essential mining and exploration licenses for the Dornod Uranium Project, to continue to raise adequate financing and to commence profitable operations in the future. In addition, before commencing any major mine development at the Dornod Uranium Project, the Corporation will have to successfully negotiate an updated joint venture development agreement with its joint venture partners and an Investment Agreement with the Government of Mongolia. Any material delays, or failure of, the pending license re-registrations or in the negotiation of these agreements could have an adverse impact on the ability of the Corporation to raise adequate financing and commence or continue operations, which in turn could have a material adverse impact on Khan's business, assets and financial condition (see "Negotiation of Updated Joint Venture Development Agreement with CAUC Participants" above).

**Joint Ventures**

The Corporation operates the Main Dornod Property through a joint venture with MonAtom and Priargunsky, and may, in the future, enter into one or more additional joint ventures. The Corporation is therefore subject to the typical risks associated with the conduct of joint ventures, including disagreement on how to develop, operate or finance the project. The joint venture development agreements currently in place for the Main Dornod Property were implemented in 1997 and do not adequately address the next stage of mine development. While the Corporation is actively seeking to re-negotiate the joint venture development agreements and has initiated discussions with its joint venture partners, there can be no assurances that satisfactory agreements will be entered into, particularly in light of the unsolicited Offer recently launched by ARMZ.

**Title to Properties**

There can be no assurance that the Corporation's ownership interest in its properties is free from defects nor that material contractual arrangements between the Corporation and entities owned or controlled by foreign governments will not be unilaterally altered or revoked, particularly in light of the new Nuclear Energy Law. Khan has investigated its rights to explore and exploit its properties and has caused property surveys to be undertaken. To the best of the Corporation's knowledge, those rights are in good standing subject to the Government of Mongolia's share participation rights under the Nuclear Energy Law. There is no assurance that such rights will not be revoked, or significantly altered, to the Corporation's detriment. There can be no assurance that Khan's rights will not be challenged or impugned by third parties, including local governments.

**No Guarantee of License Renewals or Conversions**

The mining license in respect of the Main Dornod Property was issued in 1997 for a period of 15 years and was re-registered in 2007 with a term of 30 years commencing on September 30, 1997. The Minerals Law provides that a mining license is granted for an initial period of 30 years and the holder may apply for extensions of the license for two successive 20-year periods. There can be no assurance that prior to the expiration of the mining license in respect of the Main Dornod Property a renewal of the license will be granted or, if granted, the terms under which it may be granted.

The exploration license in respect of the Additional Dornod Property expires on February 11, 2011. The Minerals Law provides for one additional three-year extension period, and the Corporation will apply at the appropriate time to renew its license (in the event that it is unable to convert it into a mining license prior to the expiration date). There can be no assurance that at that time a renewal will be granted or, if granted, the terms under which it may be granted. The conversion of the exploration license in respect of the Additional

Dornod Property into a mineral license is conditional on approvals of the Government of Mongolia. There can be no assurances when, or if, the requisite approvals will be granted and the conversion completed.

In addition, as discussed elsewhere in this Annual Information Form, the new Nuclear Energy Law required license holders to submit robust applications to re-register their licenses under and in accordance with that law. Applications for both the mining and the exploration licenses for the Dornod Uranium Project were submitted prior to the November 15, 2009 deadline. However, as of the date of this Annual Information Form, the timing and status of any such re-registrations is still pending. There can be no assurances when, or if, the necessary re-registration of the Dornod Uranium Project licenses will be obtained under the Nuclear Energy Law. Any significant delay or a denial of the license re-registrations is likely to have a material adverse impact on Khan, its subsidiaries and joint venture, and their business, assets and financial condition.

### **Exploration and Development Risks**

All of the Corporation's operations involve exploration and development and there is no guarantee that any such activity will result in commercial production of mineral deposits. Mineral exploration and development involves substantial expenses and a high degree of risk, which even a combination of experience, knowledge and careful evaluation may not be able to adequately mitigate. Unusual or unexpected formations, pressures, fires, power outages, labour disruptions, flooding, explosions, cave-ins, land slides and other natural disasters and the inability to obtain adequate suitable machinery, equipment or labour are all risks involved in the conduct of an exploration program. These risks and hazards could result in: damage to, or destruction of, properties; personal injury or death; environmental damage; delays; monetary losses; and possible legal liability.

The commercial viability of a mineral deposit is also dependent upon a number of factors, some of which are the particular attributes of the deposit, such as size, grade and proximity to infrastructure, commodity prices which are highly cyclical, and government regulations, including regulations relating to ownership, prices, taxes, royalties, allowable production, land tenure, land use, importing and exporting of minerals and environmental protection. The exact effect of these factors cannot be accurately predicted, but the negative combination of these factors may result in the Corporation not receiving an adequate return on invested capital. There is no certainty that expenditures made by Khan will result in discoveries of commercial quantities of ore.

### **Inability to Enforce the Corporation's Legal Rights in Certain Circumstances**

In the event of a dispute arising in respect of the Corporation's foreign operations, the Corporation may be subject to the exclusive jurisdiction of foreign courts or may not be successful in subjecting foreign persons to the jurisdiction of courts in Canada or elsewhere. The Corporation may also be hindered or prevented from enforcing its rights with respect to a government entity or instrumentality because of the doctrine of sovereign immunity.

The dispute resolution provisions of the CAUC founding agreements stipulate that any dispute between the parties thereto is to be submitted to international arbitration. However, there can be no assurance that a particular governmental entity or instrumentality or ARMZ or Mon Atom will either comply with the provisions of these or other agreements or voluntarily submit to arbitration.

The Corporation's inability to enforce its contractual rights could have an adverse effect on its future cash flows, earnings and results of operations and financial condition.



## **Environmental Regulations**

The Corporation is subject to substantial environmental and other regulatory requirements and such regulations are becoming more stringent. All phases of the Corporation's development operations are subject to environmental regulations. Environmental legislation is evolving in a manner which will require stricter standards and enforcement, increased fines and penalties for non-compliance, more stringent environmental assessments of proposed projects and a heightened degree of responsibility for companies and their officers, directors and employees. There is no assurance that future changes in environmental regulation, if any, will not adversely affect the Corporation's assets or operations. Environmental hazards may exist on the properties in which Khan holds interests which are presently unknown to it and which have been caused by previous or existing owners or operators of the properties.

## **Competition from Other Energy Sources and Public Acceptance of Nuclear Energy**

Nuclear energy competes with other sources of energy, including oil, natural gas, coal and hydro-electricity. These other energy sources are to some extent interchangeable with nuclear energy, particularly over the longer term. Lower prices of oil, natural gas, coal and hydro-electricity may result in lower demand for uranium concentrate and uranium conversion services. Furthermore, the growth of the uranium and nuclear power industry beyond its current level will depend upon continued and increased acceptance of nuclear technology as a means of generating electricity, among other things. Because of unique political, technological, regulatory and environmental factors that affect the nuclear industry, the industry is subject to public opinion risks which could have an adverse impact on the demand for nuclear power and increase the regulation of the nuclear power industry.

## **Competition in the Uranium Industry**

The international uranium industry is highly competitive. The uranium mining industry is global and was consolidated during the 1990s by takeovers, mergers and closures. In 2008, five companies marketed 68% of the world's uranium mine production. Competition for new mining properties by these larger, more established companies may prevent Khan from acquiring interests in additional properties or mining operations. Significant and increasing competition exists for mineral acquisition opportunities in Mongolia. As a result of this competition, some of which is with large, better established mining companies with substantial capabilities and greater financial and technical resources than the Corporation, the Corporation may be unable to maintain or acquire rights to exploit and mine existing or additional attractive mineral properties or on terms it considers acceptable. Accordingly, there can be no assurance that Khan will maintain or acquire any interest in existing or additional operations that would yield reserves or result in commercial mining operations.

## **Currency Fluctuations**

Fluctuations in currency exchange rates may adversely affect the Corporation's financial position. Khan's management has determined the United States dollar as its reporting currency. Fluctuations in currency exchange rates, particularly equipment acquisition costs denominated in currencies other than United States dollars, may significantly impact Khan's financial position and results. Khan does not have in place a policy for managing or controlling foreign currency risks since, to date, its primary activities have not resulted in material exposure to foreign currency risk.

## **Market Factors and Volatility of Uranium Prices**

There is no assurance that a profitable market will exist for the sale of mineralized material which may be acquired or discovered by Khan. There can be no assurance that uranium prices received will be such that the

Corporation's properties can be mined at a profit. The price of uranium has fluctuated widely, particularly in recent years, and is affected by numerous factors beyond the Corporation's control. Commodity prices are subject to volatile price changes from a variety of factors, including international economic and political trends, expectations of inflation, global and regional demand, currency exchange fluctuations, interest rates and global or regional consumption patterns, speculative activities and increased production due to improved mining and production methods. The uranium spot price (\$/pound U<sub>3</sub>O<sub>8</sub>) steadily increased from \$7 per pound in December 2000 to a peak of \$135 per pound in June 2007. Since that time, the uranium spot price has ranged from \$40 to \$123 and was \$44.50 as at the date hereof. (Source: Trade Tech – www.uranium.info)

Future mineral prices cannot be accurately predicted. A severe decline in the price of a mineral being produced or expected to be produced by the Corporation would have a material adverse effect on it, and could result in the suspension of mining operations by the Corporation if such mining operations have commenced. Factors impacting the price of uranium include demand for nuclear power, political and economic conditions in uranium producing and consuming countries, reprocessing spent fuel and the re-enrichment of depleted uranium tails or waste, sales of excess civilian and military inventories (including from the dismantling of nuclear weapons) by governments and industry participants and production levels and costs of production in other jurisdictions.

### **Lack of Earnings and Dividend Record**

The Corporation has no earnings or dividend record. The Corporation has not paid dividends on its Common Shares since incorporation and does not anticipate doing so in the foreseeable future. Payments of any dividends will be at the discretion of the Board of Directors of Khan (the "Board") after taking into account many factors, including the financial condition and current and anticipated cash needs of the Corporation.

### **Difficulty in Recruiting and Retaining Management and Key Personnel**

Khan is dependent on a relatively small number of key directors, officers and employees. Loss of any one of those persons could have an adverse effect on it. Recruiting and retaining qualified personnel is critical to the Corporation's success. As the Corporation's business activity grows, it may require additional key financial, administrative and mining personnel. Although Khan believes that it will be successful in attracting and retaining qualified personnel, there can be no assurance of such success.

### **Internal Controls**

Internal controls over financial reporting are procedures designed to provide reasonable assurance that transactions are properly authorized, assets are safeguarded against unauthorized or improper use, and transactions are properly recorded and reported. A control system, no matter how well designed and operated, can provide only reasonable, not absolute, assurance with respect to the reliability of financial reporting and financial statement preparation.

### **The Impact of Hedging Activities on Profitability**

Although Khan has no present intention to do so, it may hedge a portion of its future uranium production to protect it against low uranium prices and/or to satisfy covenants required to obtain project financings. Although hedging activities may protect a company against low uranium prices, they may also limit the price that can be realized on uranium that is subject to forward sales and call options where the market price of uranium exceeds the uranium price in a forward sale or call option contract.

## DESCRIPTION OF CAPITAL STRUCTURE

Khan's share capital consists of an unlimited number of Common Shares, of which there are 53,963,779 issued and outstanding as of the date hereof.

Holders of Common Shares are entitled to receive notice of any meetings of shareholders of Khan, and to attend and to cast one vote per Common Share at all such meetings. Holders of Common Shares do not have cumulative voting rights with respect to the election of directors and, accordingly, holders of a majority of the Common Shares entitled to vote in any election of directors may elect all directors standing for election. Holders of Common Shares are entitled to receive on a pro rata basis such dividends, if any, as and when declared by the Board at its discretion and to receive, on a pro rata basis, the net assets of Khan after payment of debts and other liabilities, in each case subject to the rights, privileges, restrictions and conditions attaching to any other series or class of shares ranking senior in priority to or on a pro rata basis with the holders of Common Shares with respect to dividends or liquidation. The Common Shares do not carry any pre-emptive, subscription, redemption or conversion rights, nor do they contain any sinking or purchase fund provisions. For a full description of the characteristics of the Common Shares of the Corporation, reference should be made to the articles of amendment and by-laws of Khan and the relevant provisions of the OBCA.

The following table sets forth particulars of the fully-diluted share capitalization of Khan as of the date hereof:

<u>Securities</u>	<u>Number of Common Shares</u>
Issued and Outstanding Common Shares	53,963,779
Shares Issuable Upon Exercise of Stock Options	4,930,800
Total	<u>58,894,579</u>

## DIVIDENDS

Khan has not paid any dividends on its outstanding Common Shares and does not anticipate paying any dividends in the foreseeable future. The Board, from time to time, and on the basis of any earnings and the Corporation's financial requirements or any other relevant factor may consider paying dividends in the future when its operational circumstances permit, including earnings, cash flow, financial and legal requirements and business considerations.

## MARKET FOR SECURITIES

### **Trading Price and Volume**

Khan's Common Shares are listed and posted for trading on the TSX under the trading symbol "KRI". The following table outlines the high and low share price trading range for Common Shares and volume of Common Shares traded by month in the 2009 fiscal year:

<b>Common Share Price per share</b>
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<b>Volumes Traded on the TSX (in Canadian dollars)</b>			
	<b>High</b>	<b>Low</b>	<b>Volume</b>
October 2008	0.46	0.18	6,537,786
November 2008	0.32	0.15	6,151,692
December 2008	0.52	0.16	8,677,651
January 2009	0.52	0.34	4,269,201
February 2009	0.40	0.31	1,337,178
March 2009	0.56	0.31	4,044,445
April 2009	0.62	0.39	3,257,405
May 2009	0.61	0.40	3,054,714
June 2009	0.49	0.34	1,328,700
July 2009	0.54	0.31	1,927,254
August 2009	0.42	0.28	3,760,360
September 2009	0.37	0.28	2,959,969

### **DIRECTORS AND OFFICERS**

#### **Name, Occupation and Security Holding**

The following table sets forth the names and municipalities of residence, offices or positions with Khan and principal occupations of the current directors and officers of Khan. The term of each director of Khan expires as of the next annual general meeting of Khan.

<b>Name and Address of Director or Officer</b>	<b>Position Presently Held</b>	<b>Principal Occupation</b>	<b>Director Since</b>
James B. C. Doak <sup>(1)(2)(3)(4)</sup> Toronto, Ontario, Canada	Director, Chairman	President and Managing Partner of Megantic Asset Management Inc., an investment management company	2005
Jean-Pierre Chauvin <sup>(2)(4)(5)</sup> Oakville, Ontario, Canada	Director	President and Senior Consultant of Chauvin Engineering Ltd., a consulting firm to the mining industry	2005
Grant A. Edey <sup>(1)(4)(5)</sup> Mississauga, Ontario, Canada	Director	Corporate Director	2008
Stephen W. Harapiak <sup>(3)(5)</sup> Burlington, Ontario, Canada	Director	Consultant to the International Finance Corporation (World Bank Group)	2007
Peter J. M. Hooper <sup>(1)(3)(5)</sup> Toronto, Ontario, Canada	Director	Corporate Director	2005

Name and Address of Director or Officer	Position Presently Held	Principal Occupation	Director Since
Hon. Robert P. Kaplan <sup>(2) (3)</sup> Toronto, Ontario, Canada	Director	Corporate Director	2007
David L. McAusland <sup>(1) (2) (4)</sup> Montreal, Quebec, Canada	Director	Corporate Director, consultant, and lawyer	2008
Martin Quick Toronto, Ontario, Canada	Director, President & Chief Executive Officer	Officer of Khan	2006
Paul D. Caldwell Toronto, Ontario, Canada	Chief Financial Officer and Corporate Secretary	Officer of Khan	-
Enkhbayar Ochirbal Ulaan Baatar, Mongolia	Vice President, Governmental Affairs	Officer of Khan	-

## Notes:

- <sup>1</sup> Member of the Audit and Finance Committee.
- <sup>2</sup> Member of the Compensation Committee.
- <sup>3</sup> Member of the Corporate Governance and Nominating Committee
- <sup>4</sup> Member of the Special Committee.
- <sup>5</sup> Member of the Technical Advisory Committee.

As of the date hereof, as a group, all directors and executive officers listed above beneficially owned, or controlled or directed, directly or indirectly, 1,493,500 Common Shares, representing approximately 2.8% of the total issued and outstanding Common Shares. In addition, as of that date, Khan's directors and executive officers, as a group, held 4,607,000 options exercisable to acquire an aggregate of 4,607,000 Common Shares.

A description of each of the directors and officers of Khan is set out below.

**James B. C. Doak**, Chairman and Director of Khan, Chairman of the Nominating Committee and member of the Corporate Governance Committee and Audit & Finance Committee, has over 25 years experience as a chartered financial analyst. Mr. Doak has served as the President and Managing Partner of Megantic Asset Management Inc., a Toronto-based investment company, since 2002. Jim Doak is a Director of Cascades Inc., Purepoint Uranium Group Inc. and of Eurocopter Canada Ltd. Mr. Doak serves as Chair, Audit Committee for both Eurocopter and Purepoint. As well, he is a former Director of PetroKazakhstan Inc., Superior Propane Inc. and Spar Aerospace Inc. Mr. Doak has held senior positions at ScotiaMcLeod Inc., First Marathon Securities Ltd., McLeod Young Weir Ltd., was a founder of Enterprise Capital Management Inc., where he served as President and Managing Partner from 1997 to 2002, and is a past President and Director of the Toronto Society of Financial Analysts and a past Chair and Director of the Toronto French School. Mr. Doak has published a number of columns in two Canadian financial publications. He holds a Diplôme des études collégiales from McGill University and a B.A. in Economics from the University of Toronto.

**Jean-Pierre Chauvin**, P. Eng., Director of Khan, Chairman of the Compensation Committee, has over 30 years of experience in the mining and construction industries. Since January 2009, Mr. Chauvin has been retired. From July 2006 to January 2009, Mr. Chauvin has served as Chief Operating Officer of Globestar Mining Corp. and was promoted to President in October 2006. Prior to March 2006, he was President, Chief Executive Officer and a Director of Patricia Mining Corporation, having assumed these positions in 2004.

Since 2001, Mr. Chauvin has also acted as President and Senior Consultant of Chauvin Engineering Ltd., based in Oakville, Ontario. This company consults in the mining industry focusing on operational reviews and feasibility studies. Prior to 2001, he has served as a Director of Battle Mountain Canada Ltd., Crown Butte Resources Ltd., the Mining Association of Canada and the Ontario Mining Association. Mr. Chauvin has also served as General Manager of Canadian Operations for Battle Mountain Gold Co. Mr. Chauvin is an engineer holding a B.Sc. in Mining Engineering from Queen's University.

**Grant A. Edey**, Director of Khan, Chairman of the Audit and Finance Committee, has over 30 years of financial experience primarily in the mining industry. Mr. Edey recently retired from IAMGOLD Corporation where he was Chief Financial Officer from 2003 to 2007. From 1996 to 2002, he was Vice-President, Finance, Chief Financial Officer and Corporate Secretary of Repadre Capital Corporation. Prior to 1996, he held senior positions with Strathcona Mineral Services Limited, TransCanada Pipelines Limited, Eldorado Nuclear Limited, Rio Algom Limited and INCO Limited. Mr. Edey is also a director of Baffinland Iron Mines Corporation. Mr. Edey holds a B.Sc. in Mining Engineering from Queen's University and an M.B.A. from the University of Western Ontario.

**Stephen W. Harapiak**, Director of Khan, is a graduate in Mechanical Engineering from the University of Manitoba and has spent his entire career in the minerals industry. He has worked in the uranium, potash, iron, base metal and gold sectors. His experience spans the entire range of activity from engineering, construction and project management to operation of mining, milling and refining facilities. He has also served in senior executive positions in major companies in Canada and abroad; Canadian companies include Noranda, Denison Mines and Potash Corporation of Saskatchewan where he served as President and CEO. His international experience includes engineering assignments in Chile, Cuba and Russia. Additionally, he has headed up major mineral projects in Zambia (Director of operations – Zambia Consolidated Copper Mines), in Russia (General Director of Kubaka Gold Mine, a Russian American joint venture green fields project) and in Kazakhstan (Senior Vice President of Kazzinc, a Glencore company, with responsibility for all operations and new projects for this integrated mining, smelting and refining company). Most recently he was retained as a consultant to the International Finance Corporation (World Bank Group) overseeing mining supply chain development projects in Russia. He is currently employed by Victory Nickel Inc. in the capacity of President and Chief Operating Officer. His previous directorships include Belmoral Gold Mines, Potash Corporation of Saskatchewan and Software Innovation, a Kitchener based software development company. He is past president of the CIM and is a member of the Professional Engineers of Ontario. He has served on various industry, government, professional and educational advisory boards.

**Peter J. M. Hooper**, Director of Khan, Chairman of the Technical Advisory Committee, is a senior mining executive with broad-based experience in production, engineering, reorganization and training, contracting, exploration and corporate affairs. Mr. Hooper has a long track record in the mining industry in South Africa, Canada, Australia and Ghana. Currently, Mr. Hooper is CEO of Macusani Yellowcake, a company he was instrumental in founding in 2006. From April 2004 to September 2005, Mr. Hooper served as the Chief Operating Officer for Afcan Mining Corporation. From 2002 until 2004, Mr. Hooper served as Managing Director of mineral resources at Kingsdale Capital Corporation. Mr. Hooper also served as President of Valencia Resources Inc. from 2000 to 2005. From 1999 to 2001, Mr. Hooper provided consulting engineering services through his company, Hooper Mining Services Inc. His senior management experience includes uranium production in Canada with Eldorado Nuclear Uranium Mines Ltd., gold production in South Africa and Ghana, and copper and zinc production in Canada. Mr. Hooper has been a senior mining executive with Consolidated Rio Australia Ltd., J.S. Redpath Mining Engineering Ltd. and Dynatec Engineering Ltd. His consulting engineering projects have been conducted in Canada, the United States, Cuba, Colombia, Venezuela, Mexico, Chile, South Africa, Zimbabwe, Ghana, Zambia, Australia, Kyrgyzstan, Kazakhstan, Uzbekistan, Russia, Saudi Arabia and France. Mr. Hooper holds a B.Sc. in Mining Engineering from the

University of the Witwatersrand, South Africa. He is a director and/or officer of several public mining companies.

**Hon. Robert P. Kaplan**, P.C., Q.C. Director of Khan, has over 40 years of experience as a lawyer, businessman and elected politician. Mr. Kaplan retired from a 25-year career in elective politics in 1993. He was a Federal Member of Parliament and Cabinet Minister in the Governments of the Rt. Hon. Pierre-Elliott Trudeau and Rt. Hon. John N. Turner. Mr. Kaplan is a trustee of H&R REIT. As well, he is a former Director and Chairman of PetroKazakhstan, Inc. Mr. Kaplan is a founding Trustee of the State Hermitage Museum Foundation of Canada, one of five international foundations which support the Hermitage Museum in St Petersburg, Russia. He has also been honoured by being named a Chevalier of the Legion of Honour by the President of France. Mr Kaplan has served as the Honourary Consul General of Kazakhstan for Canada for the last 15 years. Mr. Kaplan holds a B.A. in Sociology and an LL.B. from the University of Toronto. He was called to the Ontario Bar in 1963.

**David L. McAusland**, Director of Khan, is a senior corporate lawyer, advisor and corporate director. A graduate of the Faculty of Law of McGill University, he practiced law for over 20 years at a prominent Montreal law firm. In 1999 he became a senior executive with Alcan Inc., a major Canadian industrial and resource company, retiring as Executive Vice-President, Corporate Development and Chief Legal Officer in 2008 when the company was acquired. In 2009, Mr. McAusland joined McCarthy Tétrault LLP, a major law firm in Canada, as a partner. Mr. McAusland currently acts as director of Cogeco Inc. and Cogeco Cable Inc., Cascades Inc., Equinox Minerals Ltd. and World Color Press, Inc. He serves as a member of the corporate governance committees for Cascades Inc. and Equinox Minerals; he is a member of the Audit & Finance Committee and the Compensation Committee of Khan Resources; he is a member of the Compensation Committee of Equinox Minerals Ltd. and a member of the Audit Committee of World Color Press, Inc. He is also Chair of the Reform Implementation Council for the Royal Canadian Mounted Police. He is the Chairman of the Foundation of the National Circus School and a director of Centraide of Greater Montreal.

**Martin Quick**, Director, President and Chief Executive Officer of Khan, has over 45 years of worldwide mining experience in both underground and open pit operations. Mr. Quick joined Khan on January 16, 2006. He has held senior mining production and engineering positions in Africa, Australia, Fiji, the United States and Canada and has acted in the capacity of mining consultant for gold operations in Central and South America. From August 2004 until December 2005, Mr. Quick was President and Chief Operating Officer of Power Resources Inc., a wholly-owned subsidiary of Cameco Corporation, a global producer of uranium for the nuclear power industry. Mr. Quick's responsibilities at Power Resources Inc. included the operation, development and expansion of the company's in situ leach uranium mines at Smith Ranch/Highlands in Wyoming, Crow Butte in Nebraska and the Inkai project in Kazakhstan. Prior to this appointment, from March 2001 to July 2004, Mr. Quick was Vice President - Mining with Cameco Corporation, based in Saskatoon, where he was responsible for Cameco's Northern Saskatchewan operations including the world's largest uranium mine at McArthur River/Key Lake, as well as the restart of the Eagle Point Mine at Rabbit Lake and the planning and development of the Cigar Lake project. Prior to joining Cameco, Mr. Quick held positions as General Manager of Cogema's Cluff Lake uranium mine in Northern Saskatchewan and Rio Algom's now decommissioned Quirke and Stanleigh uranium mines in Ontario, Canada. He is a Professional Engineer (P.Eng.) in the province of Saskatchewan and a graduate of the Camborne School of Metalliferous Mining (ACSM), in the United Kingdom.

**Paul D. Caldwell**, B.A. (majors in Commerce and Economics), Chief Financial Officer and Corporate Secretary of the Company, has over 32 years of financial experience. Mr. Caldwell, who joined the Company in August 2006, has held senior financial positions with Canadian gold mining companies operating in Argentina, Canada, Costa Rica, Nicaragua and the United States. He has been involved with a number of capital market transactions including private placement, prospectus and debt financings and several mergers

and acquisitions. From October 2003 until August 2006, he was Controller of Glencairn Gold Corporation which operated gold mines in Central America including the Bellavista Gold Mine in Costa Rica and the Limon Mine in Nicaragua. Mr. Caldwell was Controller, Corporate Secretary and Chief Financial Officer of Black Hawk Mining Inc., which operated gold mines in Canada and Nicaragua, from January 2000 until October 2003 when Black Hawk merged with Glencairn Gold Corporation. Prior to this position, he was Controller of Black Hawk Mining Inc. from July 1996 to December 1999. Mr. Caldwell was Controller and Chief Financial Officer of Granduc Mining Inc. from June 1994 until June 1996 when Granduc merged with Black Hawk Mining Inc. From June 1994 until February 1996, he was Secretary, Treasurer and Chief Financial Officer of Consolidated Professor Mines Limited.

***Enkhbayar Ochirbal***, Vice President, Governmental Affairs has held this position at Khan since May 7, 2009, and from August 1, 2007, has been Country Manager and Executive Director of Khan Resources LLC. Mr. Ochirbal has had a business career in Mongolia, and in addition has been a key foreign policy advisor to the Office of the Prime Minister of Mongolia. In this role, he coordinated the official visits of heads-of-state to the country, and was also responsible for identifying new sources of funding for Mongolia, including the World Bank and the European Bank for Reconstruction and Development. Mr. Ochirbal helped launch the Mongolian Stock Exchange in 1991 and served this institution as Vice Chairman and CEO. He later led a successful expansion of a Mongolian bank as its Chairman and President. Most recently, Mr. Ochirbal acted as consultant to the formation of a natural resource company and a financing institution for local mining and construction projects. Mr. Ochirbal graduated with a Master's degree in 1999 from the John F. Kennedy School of Government, Harvard University, where he studied macro and micro economics, governance and international trade and finance. He also holds a degree in economics and finance from the Mongolian State University.

#### **Cease Trade Orders, Bankruptcies, Penalties or Sanctions**

No director or executive officer of Khan is, as at the date hereof, or was within 10 years before the date of this Annual Information Form, a director, chief executive officer or chief financial officer of any company (including Khan), that:

- (a) was subject to an order that was issued while the director or executive officer was acting in the capacity as director, chief executive officer or chief financial officer, or
- (b) was subject to an order that was issued after the director or executive officer ceased to be a director, chief executive officer or chief financial officer and which resulted from an event that occurred while that person was acting in the capacity as director, chief executive officer or chief financial officer.

Except as disclosed below, no director or executive officer of Khan, or a shareholder holding a sufficient number of securities of Khan to affect materially the control of Khan:

- (a) is, as at the date hereof, or has been within the 10 years before the date of this Annual Information Form, a director or executive officer of any company (including Khan) that, while that person was acting in that capacity, or within a year of that person ceasing to act in that capacity, became bankrupt, made a proposal under any legislation relating to bankruptcy or insolvency or was subject to or instituted any proceedings, arrangement or compromise with creditors or had a receiver, receiver manager or trustee appointed to hold its assets, or
- (b) has, within the 10 years before the date of the AIF, become bankrupt, made a proposal under any legislation relating to bankruptcy or insolvency, or become subject to or instituted any proceedings,



arrangement or compromise with creditors, or had a receiver, receiver manager or trustee appointed to hold the assets of the director, executive officer or shareholder.

The Hon. Robert P. Kaplan was a director of Hurricane Hydrocarbons Ltd. (subsequently PetroKazakhstan Inc.) when the company was granted protection from its creditors under the *Companies Creditors Arrangement Act* (Canada) from May 1999 until March 2000. Mr. Kaplan also ceased to be a director of Mooney Aerospace Group, Ltd. approximately ten months prior to June 2004 when the company filed voluntary petitions for reorganization under Chapter 11 of United States federal bankruptcy laws.

No director or executive officer of Khan, or a shareholder holding a sufficient number of securities of Khan to affect materially the control of Khan, has been subject to:

- (a) any penalties or sanctions imposed by a court relating to securities legislation or by a securities regulatory authority or has entered into a settlement agreement with a securities regulatory authority; or
- (b) any other penalties or sanctions imposed by a court or regulatory body that would likely be considered important to a reasonable investor in making an investment decision.

### **Conflicts of Interest**

The directors or officers of Khan are, or may become, directors or officers of other companies with businesses which may conflict with the business of Khan. In accordance with the OBCA, directors are required to act honestly and in good faith with a view to the best interests of Khan. In addition, directors in a conflict of interest position are required to disclose certain conflicts to Khan and to abstain from voting in connection with the matter. To the best of Khan's knowledge, there are no known existing or potential conflicts of interest between Khan or a subsidiary of Khan and a director or officer of Khan or a subsidiary of Khan as a result of their outside business interests at the date hereof. However, certain of the directors and officers serve as directors and/or officers of other companies. Accordingly, conflicts of interest may arise which could influence these persons in evaluating possible acquisitions or in generally acting on behalf of Khan.

## **LEGAL PROCEEDINGS**

### **Legal Proceedings Regarding Mining License Suspension**

On July 15, 2009, the Corporation reported that it had received notice from the Mineral Resources Authority of Mongolia ("MRAM") (formerly MRPAM) that the mining license for the Main Dornod Property, held by CAUC, had been suspended (See "*General Development of the Business - Mining and Exploration Licenses*").

The Corporation is seeking clarification on the license suspension justification by way of an administrative court ruling which is ongoing.

### **Legal Proceedings Involving Wallace Mays**

#### *Mays Action*

On September 15, 2006, Mr. Wallace Mays, WM Mining LLC (a company controlled by Mr. Mays, "WM Mining") and Nueces Investments Ltd. (a Bermuda corporation owned and controlled by Mr. Mays, "Nueces") issued a Statement of Claim in the Ontario Superior Court of Justice (the "Mays Claim") under Section 248 of the OBCA against Khan, Khan Bermuda, certain current and former directors and shareholders of Khan and others. In the Mays Claim, Mr. Mays asserted that he was the victim of a deceit and conspiracy to deprive him of his interests in certain mining properties in Mongolia. Mr. Mays also asserted that he has been oppressed as a shareholder of Khan.

The relief sought as against Khan and Khan Bermuda in the Mays Claim included: (i) a declaration that the business and affairs of Khan and Khan Bermuda have been carried on in a manner oppressive of, unfairly prejudicial to, or that unfairly disregards the interests of the plaintiffs; (ii) an order setting aside a Share Exchange Agreement; (iii) an order setting aside the issuance of common shares of Khan pursuant to the exercise of certain common share purchase warrants granted or extended by the Board on October 3, 2004; (iv) an order requiring Khan to indemnify Mr. Mays and WM Mining for all expenses, costs and liabilities incurred by them in connection with the business, operations and affairs of Khan; (v) an order requiring the Corporation to take immediate steps to develop the Big Bend and Ogmooor gold properties in Mongolia; (vi) compensation for oppressive conduct in the amount of Cdn\$150 million; and (vii) damages for knowing assistance in breach of trust and breach of fiduciary duty in the amount of Cdn\$150 million.

On November 13, 2006, Khan and Khan Bermuda filed a Statement of Defence denying the allegations set out in the Mays Claim and denying that the Plaintiffs were entitled to the relief claimed therein.

On September 28, 2007, Mr. Mays, WM Mining and Nueces amended the Mays Claim (the "Amended Mays Claim") and withdrew their claim to set aside the Share Exchange Agreement. Instead the Amended Mays Claim sought (i) an order varying the Share Exchange Agreement such that Mr. Mays is the only party entitled to the issuance of the Special Warrants under that agreement; (ii) an order setting aside all issuances of the Special Warrants to recipients other than Mr. Mays (the "Recipients") and an order issuing those Special Warrants to Mays as of July 31, 2003; (iii) an order requiring Khan to issue to Mr. Mays that number of Khan common shares into which the Special Warrants received by the Recipients were exercisable; and (iv) an order rectifying the securities and other records of Khan to reflect that Mr. Mays is the registered owner of all Khan securities that have been issued to the Recipients as a result of the exercise of Special Warrants.

### *Khan Action for Damages*

On October 3, 2006, the Corporation issued a Statement of Claim against Mr. Mays, WM Mining and Nueces in the Ontario Superior Court of Justice (the "Khan Claim"). As against Mr. Mays, the plaintiffs sought equitable compensation resulting from his alleged breach of fiduciary duties in the amount of Cdn\$10 million. As against all of the defendants, the plaintiffs sought, among other things: (i) general damages resulting from the alleged torts of injurious falsehood and unlawful interference with economic interests in the amount of Cdn\$10 million; (ii) damages and/or reimbursement in the amount of the Cdn\$550,000 relating to a debt owed by the defendants to AATA International Inc.; (iii) aggravated, exemplary and punitive damages in the amount of Cdn\$5 million; and (iv) an interim, interlocutory and permanent injunction restraining the defendants and their servants or agents from dealing or purporting to deal with or interfering with, among other things, any mineral property or interest owned by any of the plaintiffs. Mr. Mays, WM Mining and Nueces served a defence to this claim in January 2007.

### *Contempt Proceedings*

On December 10, 2007, Khan commenced contempt of court proceedings in the Ontario Superior Court of Justice against Mr. Mays and WM Mining (the "Khan Contempt Proceedings"). Khan alleged that by signing and delivering to the SPC a September 3, 2007 letter, Mr. Mays and WM Mining breached the terms of an October 12, 2006 consent order of the Superior Court of Justice.

### *Settlement of Outstanding Litigation*

In February 2008, Khan and Khan Bermuda reached a settlement of the Mays Claim and the Amended Mays Claim with Mr. Mays, WM Mining and Nueces. Under the terms of the settlement, Khan and the other defendants were not required to make any payment of damages.

At the same time, the Corporation reached a settlement of the Khan Claim and the Khan Contempt Proceedings. Under the terms of the settlement, Khan received payment in respect of certain of its costs incurred in connection with such litigation. In addition, Mr. Mays and WM Mining signed a letter addressed to the SPC retracting the claims set out in the September 3, 2007 letter referred to above.

## **MATERIAL CONTRACTS**

Except for contracts entered into by Khan in the ordinary course of business or otherwise disclosed herein, the only material contracts entered into by Khan within the most recently completed financial year, or entered into prior to the most recently completed financial year but still in effect, are the following:

### **The Western Prospector Agreement**

See "*General Development of the Business – Acquisition of the Additional Dornod Property*".

### **The Amended and Restated Shareholder Rights Plan Agreement**

On November 14, 2006, Khan implemented an amended and restated shareholder rights plan (the "Shareholder Rights Plan") which was approved by the shareholders at Khan's Annual and Special Meeting of Shareholders held on February 15, 2007. The terms are contained in the Shareholder Rights Plan Agreement dated as of November 14, 2006 between Khan and Equity Transfer & Trust Company, as rights agent. The Shareholder Rights Plan is intended to provide the Board with sufficient time to explore and develop

alternatives for maximizing shareholder value if a take-over bid is made for Khan and to provide every shareholder with an equal opportunity to participate in such bid. The Shareholder Rights Plan will be in effect for a period of three years, unless reconfirmed by shareholders. A shareholder or any other interested party may obtain a copy of the Shareholder Rights Plan on SEDAR at [www.sedar.com](http://www.sedar.com).

### **REGISTRAR AND TRANSFER AGENT**

Khan's registrar and transfer agent is Equity Transfer & Trust Company, located at Suite 400, 200 University Avenue, Toronto, Ontario M5H 4H1.

### **AUDIT COMMITTEE AND AUDITORS**

#### **Audit Committee Charter**

The text of the charter (the "Charter") of the audit and finance committee (the "Audit Committee") of the Board is attached hereto as Exhibit B.

#### **Composition of the Audit Committee**

The Audit Committee is composed of Grant A. Edey, James B.C. Doak, Peter J.M. Hooper and David L. McAusland, all of whom are independent and financially literate in accordance with NI 52-110. The following table describes the education and experience of each Audit Committee member that is relevant to the performance of his responsibilities as an Audit Committee member.

<b>Name of Audit Committee Member</b>	<b>Relevant Experience and Qualifications</b>
<b>Grant A. Edey</b>	<p>Served as Chief Financial Officer of IAMGold Corporation for five years and Chief Financial Officer of Repadre Capital Corporation for seven years</p> <p>Chairman of Audit Committee of Baffinland Iron Mines Corporation</p> <p>M.B.A. from the University of Western Ontario</p>

<p><b>James B. C. Doak</b></p>	<p>Over 25 years experience as an Economist and Chartered Financial Analyst</p> <p>Is a director of Cascades Inc., Purepoint Uranium Group Inc. and Eurocopter Canada Ltd. and a former Director of PetroKazakhstan Inc., Superior Propane Inc. and Spar Aerospace Inc.</p> <p>Has held senior positions at ScotiaMcLeod Inc., First Marathon Securities Ltd. and McLeod Young Weir Ltd.</p> <p>Past President and Director of the Toronto Society of Financial Analysts</p> <p>B.A. in Economics from the University of Toronto</p>
<p><b>Peter J. M. Hooper</b></p>	<p>CEO of Macusani Yellowcake Inc.</p> <p>Served as the Chief Operating Officer for Afcan Mining Corporation</p> <p>Served as Managing Director of mineral resources at Kingsdale Capital Corporation and as President of Valencia Resources Inc.</p> <p>Was a senior mining executive with Consolidated Rio Australia Ltd., J.S. Redpath Mining Engineering Ltd. and Dynatec Engineering Ltd.</p>
<p><b>David L. McAusland</b></p>	<p>Partner of McCarthy Tetrault LLP</p> <p>Served as Executive Vice-President, Corporate Development and Chief Legal Officer of Alcan Inc.</p> <p>Is a director of Cascades Inc., Cogeco Inc., Cogeco Cable Inc. and Equinox Minerals Ltd., and World Color Press, Inc. and is a member of the Audit Committees of World Color Press, Inc.</p>

### **Audit Committee Oversight**

At no time since the commencement of the Khan's most recently completed financial year was a recommendation to nominate or compensate an external auditor not adopted by the Board.

### **Pre-Approval Policies and Procedures**

The Charter provides that the Audit Committee must pre-approve any non-audit services to be provided to the Corporation by the external auditor.

### **Auditor Service Fees**

The current auditors of Khan are Ernst & Young LLP ("Ernst & Young") and are located at 222 Bay Street, Toronto-Dominion Centre, Toronto, Ontario M5K 1J5. The following Ernst & Young fees were incurred by Khan for the year ended September 30, 2009 and 2008 for professional services rendered to Khan:

<b>Fees</b>	<b>2009</b>	<b>2008</b>
Audit Fees <sup>1</sup>	Cdn.\$128,000	Cdn.\$272,200
Audit-Related Fees <sup>2</sup>	-	-
Tax Fees <sup>3</sup>	-	Cdn.\$3,000
All Other Fees <sup>4</sup>	-	-
<b>Total</b>	<b>Cdn.\$128,000</b>	<b>Cdn.\$275,200</b>

## Notes:

- <sup>1</sup> Audit Fees are the aggregate fees billed by Ernst & Young in each of the last two fiscal years for audit services. Included in these aggregate fees are the amounts for the audit of the annual consolidated financial statements which were Cdn.\$92,000 in 2009 and Cdn.\$87,000 in 2008.
- <sup>2</sup> Audit-Related Fees are the aggregate fees billed in each of the last two fiscal years for assurance and related services by Ernst & Young that are reasonably related to the performance of the audit or review of Khan's financial statements and are not Audit Fees, including for consultations on accounting developments and the accounting for potential corporate transactions.
- <sup>3</sup> Tax Fees are the aggregate fees billed in each of the last two fiscal years for professional services rendered by Ernst & Young for tax compliance, tax advice, and tax planning.
- <sup>4</sup> All Other Fees are the aggregate fees billed in each of the last two fiscal years for products and services provided by Ernst & Young, other than Audit Fees, Audit-Related Fees or Tax Fees.

**INTERESTS OF EXPERTS**

Scientific or technical information in this Annual Information Form relating to the Dornod Uranium Project is based upon a Technical Report prepared by Aker Solutions. The Technical Report provides an independent technical review of the Mineral Reserves and Mineral Resources and the mining plan of the Dornod Uranium Project. The Technical Report was prepared by Hrayr Agnerian, M.Sc., Eugene Puritch, P.Eng., Malcolm Buck, P.Eng., and Leslie H. Heymann, P.Eng. Each of Messrs. Agnerian, Puritch, Buck and Heymann is a Qualified Person. To the best of Khan's knowledge, all of the authors of the Technical Report are independent of the Corporation within the meaning of NI 43-101 and none of them holds any registered or beneficial interest, directly or indirectly, in any securities or other property of Khan or its associates or affiliates.

Ernst & Young has prepared an auditor's report on the annual financial statements of Khan for the year ended September 30, 2009. Ernst & Young has advised that it is independent with respect to Khan within the meaning of the Rules of Professional Conduct of the Institute of Chartered Accountants of Ontario.

**ADDITIONAL INFORMATION**

Additional information relating to Khan may be found on SEDAR at [www.sedar.com](http://www.sedar.com). Additional information, including directors' and officers' remuneration and indebtedness, principal holders of Khan's securities and securities authorized for issuance under equity compensation plans, where applicable, is contained in Khan's information circular for its annual and special meeting of shareholders held on February 11, 2009. Additional financial information is provided in Khan's financial statements and MD&A for its most recently completed financial year, all of which are filed on SEDAR at [www.sedar.com](http://www.sedar.com).

## EXHIBIT A

### SUMMARY OF TECHNICAL REPORT ON THE DORNOD URANIUM PROJECT, MONGOLIA

The summary information set out herein has been extracted from the Technical Report (NI 43-101) on the Definitive Feasibility Study for the Dornod Uranium Project, Mongolia, dated April 22, 2009, available on SEDAR at [www.sedar.com](http://www.sedar.com). The information that follows is a summary only and is current as of the date of that Technical Report, and is subject to the more detailed information, including the assumptions, limitations and qualifications, set out in the Technical Report.

#### Executive Summary

The purpose of this Report is to present the results of the Definitive Feasibility Study (DFS) compiled by Aker Metals, a division of Aker Solutions Canada Inc. (Aker Solutions) and numerous consultants for Khan Resources Inc. (Khan). The DFS was commissioned by Khan to update and augment the Scott Wilson Roscoe Postle Associates Inc. (Scott Wilson RPA) Technical Report dated September 27, 2007. This update provides an evaluation of the economics of establishing underground and open-pit mining and mineral processing facilities at the Dornod Project site in northeastern Mongolia. The DFS assumes a production rate of 1 225 000 t of ore per year (3500 t/d, 350 d/a).

The Dornod Project comprises several uranium deposits and some infrastructure. There are two deposits for which mineral resources and reserves have been estimated.

- An open-pit mine at the No. 2 Deposit. From 1988 to 1995, Priargunsky Industrial Mining and Chemical Enterprise (Priargunsky) extracted some 590 000 t of material at an average grade of 0.118% U<sub>3</sub>O<sub>8</sub>. Currently, the open pit is full of water.
- An underground uranium deposit (No. 7) which remains partially developed by two shafts and approximately 20 000 m of development drifts. Some of this development is also related to the nearby Nos. 4 and 5 Deposits. Currently, the underground workings are flooded.

Khan is a Canadian reporting issuer with a corporate office in Toronto. Khan, in joint venture with Priargunsky (a Russian government entity, based in Krasnokamensk, Eastern Siberia), and Mongol Erdene (a division of the Ministry of Energy, Geology and Mining of Mongolia) (now MonAtom), plans to bring the Dornod Project into production.

#### Conclusions and Recommendations

The DFS commissioned by Khan for the Dornod Project shows a positive economic outcome, including the following key results:

##### (a) Mineral Resources

At the 0.040% U<sub>3</sub>O<sub>8</sub> cutoff grade and 5-m minimum vertical thickness of mineralization, the No. 7 Deposit contains 14.36 Mt of Indicated mineral resources at an average grade of 0.154% U<sub>3</sub>O<sub>8</sub>.

At the 0.025% U<sub>3</sub>O<sub>8</sub> cutoff grade and 2-m minimum vertical thickness of mineralization, the No. 2 Deposit contains 10.95 Mt of Indicated mineral resources at an average grade of 0.065% U<sub>3</sub>O<sub>8</sub> and 2.18 Mt of Inferred mineral resources at an average grade of 0.050% U<sub>3</sub>O<sub>8</sub>.

Several additional uranium deposits and showings have been discovered in the general Dornod area. In particular, the No. 5 Deposit is situated within the Additional Dornod Property (Mineral License 9282X). Two other deposits, Nos. 8 and 9, are situated outside the present property.

Past and recent exploration work has been carried out in a systematic manner and is well documented. These data are acceptable to estimate mineral resources.

(b) Mineral Reserves

The proven and probable reserve estimate for the No. 2 Deposit open-pit mine, at 0.028%  $U_3O_8$  cutoff grade, is 7 407 000 t grading 0.074%  $U_3O_8$ . Mining dilution of 15% at a 0.018%  $U_3O_8$  grade is included.

The proven and probable reserve estimate for the No. 7 Deposit at a 0.061%  $U_3O_8$  cutoff is 10 634 000 t grading 0.174%  $U_3O_8$ . Underground mining recovery of 88% and dilution of 10% at 0%  $U_3O_8$  grade is forecast.

(c) Mining

Underground and open-pit mines are planned, producing a total of approximately 1 225 000 t of ore per year, at a rate of 3500 t/d.

A total of 18.04 Mt of ore at an average grade of 0.133%  $U_3O_8$  will be mined from the Nos. 7 and 2 Deposits over a period of 15 years.

(d) Processing

Uranium mineralization of the No. 7 Deposit is refractory. This is presumed to be due to the presence of brannerite, (a uranium titanate mineral), zircon, and the high carbonate content (4% to 7%) associated with the mineralization.

In order to liberate the uranium, it is necessary that a significant amount of silica in the ore be dissolved. The presence of the dissolved silica causes a gel to form and hinder the filtering of uranium. To overcome these problems, a Resin in Pulp (RIP) method of removing the uranium from the ore has been selected.

A metallurgical recovery of 84.86% has been used for No. 7 Deposit and 89.28% has been used for No. 2 Deposit.

Uranium mineralization of the No. 2 Deposit is free milling. This is based on previous testwork and results by Priargunsky.

A milling rate of 3500 t/d is planned for the combined production from the Nos. 7 and 2 Deposits.

(e) Water Management

There are no perennial rivers in the vicinity of the Project site. Fresh water requirements for the operation of the processing plant will have to be supplied either from the harvesting of surface water runoff (from occasional rainfall events or from seasonal thaw), or from groundwater. Surface water runoff will be highly intermittent and relatively unreliable; therefore, groundwater will have to be the primary source.



The water currently in the open pit represents a source of water which can be used for the start up of operations. The open pit can also be used as a source of water on an ongoing basis. Historical observations of pit water levels suggest that it may be possible to withdraw up to about 500 000 m<sup>3</sup> annually, providing that the pit water level is fully drawn down to stimulate groundwater inflow and to reduce evaporative losses. It has not been demonstrated that such large yields can be sustained on a year-to-year basis. The long-term sustainable yield from the open pit will depend on the size of the drawdown cone and the rate of recharge. Hydrogeologic studies should be undertaken as part of future studies to allow estimation of the long-term sustainable yield of the open pit.

It is anticipated that the Project will be operated such that it does not produce any liquid effluent. Inflows and outflows can be kept in balance by controlling the open-pit water level.

(f) Closure Plan

Golder Associates Ltd. (Golder) has prepared a conceptual closure plan to ensure long-term physical and chemical stability of the Project components remaining on-site at closure, to minimise long-term care and maintenance requirements, and to minimise the health and safety hazards posed by the site with regard to local residents and their livestock.

The principal closure measures that will be employed include:

- Construction of a boulder-berm around the open-pit rim and placement of a lockable swing gate at the entrance to the pit ramp
- Regrading of waste rock stockpile slopes to 2.5 H:1 V and placement of revegetated cover over the dump footprints
- Placement of a cover on the surface of the Residue Management Area (RMA) to provide clean surface runoff
- Decommissioning and removal of Water Collection Pond and Polishing Pond
- Capping of all shafts and ventilation raises and the backfilling of the production ramp and portal, and the return air raises
- Decommissioning and demolition / removal of the processing facility and other surface infrastructure and equipment.

Long-term care and maintenance will consist of the following actions.

- Local labour will be employed to ensure site security is maintained during closure implementation
- Periodic site inspections and maintenance will be carried out for the RMA and drainage work in the long term.
- Quarterly surface water quality sampling will be performed during Years 1 to 5 at the open-pit lake, the RMA Pond, and at locations upstream and downstream until stable trends are established; sampling will occur annually thereafter
- Quarterly groundwater quality sampling will be performed during Years 1 to 5 at one location downstream of the RMA, two locations upstream of the RMA, one location

upstream of the Waste Rock Storage Facilities, and one location downstream of the Project site, until settable trends are established, reducing to annually thereafter.

### **Economic Analysis**

A financial analysis has been completed for the Project. This evaluation has been done from the perspective of the joint venture.

#### **(a) Capital Cost**

The capital cost for mining and surface facilities as described in this Report is USD 332,786,000 in fourth quarter 2008 United States dollars, with no allowance for escalation, interest or financing during construction.

The direct costs (Items D0 to D9, Table 3-1) are all the costs associated with permanent facilities. This includes equipment and material costs, as well as construction and installation costs.

The indirect costs (Items IA to IQ, Table 3-1) cover all the costs associated with temporary construction facilities and services, construction support, freight, Vendor representatives, spare parts, initial fills and inventory, Owner's costs, Engineering, Procurement and Construction Management (EPCM), commissioning and start up.

The contingency allowance of 11.4% of process plant and infrastructure direct and indirect costs has been included in the estimate. P&E, based on their experience, has allowed a 15% contingency on the mining portion. The overall contingency, therefore, is 13.3% of total direct and indirect costs, exclusive of Owner's costs.

The capital cost estimate is presented in Table 3-1.

#### **(b) Operating Cost Estimates**

Operating cost estimates reflect fourth quarter 2008 US dollars. The DFS operating cost estimates are prepared by major area – Mining, Plant, General and Administration, and consider the mine plan and processing schedule.

Life-of-mine total operating costs are presented in Table 3-2. Note that Years 2009 to 2011 are considered as preproduction and their costs are included in mine capital cost estimates.

**Table 3-1 - Capital Cost Estimate**

Aker Solutions  
1838 00

Dornod Project  
Khan Resources  
COST IN USD

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PAGE 1  
Final - March 05, 2009

	DESCRIPTION	HOURS	LABOR	ECP USAGE	MATERIAL	SUBCONTR	EQUIPMENT	TOTAL
D0	Mining	0	0	0	0	66,752,600	0	66,752,600
D1	Earthworks	327067	4,716,107	579,081	1,462,257	16,208,405	0	22,065,851
D2	Concrete	311960	4,585,069	3,113,608	6,295,400	0	0	13,994,077
D3	Structural Steel	173110	2,850,089	2,685,044	7,056,601	0	0	12,591,735
D4	Architectural	182548	2,667,075	381,531	2,164,376	2,270,000	0	7,483,883
D5	Mechanical	381620	5,888,396	1,908,100	1,250,000	600,000	38,600,684	48,256,180
D6	Electrical	200846	3,054,873	401,692	4,955,850	581,500	8,711,550	17,705,466
D7	Instrumentation	73989	1,125,386	147,979	794,058	0	2,048,101	4,115,525
D8	Piping	212334	3,516,272	1,061,703	4,100,192	0	0	8,678,167
D9	Plant Mobile Equipment	0	0	0	0	0	2,892,000	2,892,000
IA	Temporary Building & Facilities	0	0	0	0	2,500,000	0	2,500,000
IB	Temporary Construction Utility Services	0	0	0	0	884,000	0	884,000
IC	Winter Work and Lost Productivity	0	0	0	0	387,000	0	387,000
ID	Construction Site Support & Operations	0	0	0	0	2,972,000	0	2,972,000
IE	Construction Camp and Catering	0	0	0	0	6,225,560	0	6,225,560
IF	Power During Construction	0	0	0	0	8,160,000	0	8,160,000
IG	Spare Parts	0	0	0	0	2,410,389	0	2,410,389
IH	Initial Fills	0	0	0	0	3,816,836	0	3,816,836
IJ	Freight and Insurance	0	0	0	0	5,431,361	0	5,431,361
IK	Vendor Representative	0	0	0	0	964,000	0	964,000
IL	Owner Costs	0	0	0	0	12,420,000	0	12,420,000
IN	EPCM	0	0	0	0	38,747,044	0	38,747,044
IP	Commissioning and Startup	0	0	0	0	4,714,316	0	4,714,316
IQ	Contingency	0	0	0	0	37,717,106	0	37,717,106
<b>REPORT TOTALS</b>		<b>1863378</b>	<b>28,404,169</b>	<b>10,278,741</b>	<b>28,078,737</b>	<b>213,763,017</b>	<b>52,261,335</b>	<b>332,786,000</b>

**Table 3-2**  
**Life-of-Mine Operating Costs**

Year	Tonne Milled (x '000)	Mining (USD)	Plant (USD)	G&A (USD)	Total (USD)	Cost/Tonne Milled (USD)	
2009							
2010							
2011							
2012	1	854	32,976,454	20,443,546	7,040,000	60,460,000	70.83
2013	2	1,225	44,664,514	31,246,486	7,040,000	82,951,000	67.72
2014	3	1,225	43,142,514	31,246,486	7,040,000	81,429,000	66.47
2015	4	1,225	44,169,514	31,246,486	7,040,000	82,456,000	67.31
2016	5	1,225	47,345,714	30,880,286	6,300,000	84,526,000	69.00
2017	6	1,228	46,680,714	30,880,286	6,300,000	83,861,000	68.29
2018	7	1,225	44,334,714	30,880,286	6,160,000	81,375,000	66.43
2019	8	1,225	50,113,714	30,880,286	6,160,000	87,154,000	71.15
2020	9	1,225	52,096,714	30,880,286	6,160,000	89,137,000	72.76
2021	10	1,225	31,863,386	22,334,614	4,977,000	59,175,000	48.31
2022	11	1,225	28,903,738	20,930,262	4,977,000	54,811,000	44.74
2023	12	1,225	29,184,738	20,930,262	4,977,000	55,092,000	44.97
2024	13	1,225	27,133,738	20,930,262	4,977,000	53,041,000	43.30
2025	14	1,225	29,708,738	20,930,262	4,977,000	55,616,000	45.40
2026	15	1,262	20,756,000	14,626,000	4,977,000	40,359,000	31.98
<b>TOTAL</b>	<b>18,044</b>	<b>573,074,904</b>	<b>389,266,096</b>	<b>89,102,000</b>	<b>1,051,443,000</b>	<b>58.26</b>	
Cost/lb U3O8	45,279,000	12.71	8.60	1.97	23.22		
Cost/Tonne Milled		31.76	21.56	4.94	58.26		

Note that the above amounts do not include VAT or the interest costs associated with the leasing of mining equipment. The interest on the leased equipment is shown in the Project Cash Flow, Table 20-34.

(c) Manpower

A total of 933 people will be employed during an average year. A breakdown of the workforce is presented in Table 3-3.

**Table 3-3**  
**Total Manpower – Average Year**

	Staff	Hourly	Total
Mine	46	665	711
Mill	22	127	144
G&A	27	36	63
Camp	8	2	10
<b>TOTAL</b>	<b>103</b>	<b>830</b>	<b>933</b>

The percentage of expatriates to total labour complement in the average years of the mine life is 2.5%.

(d) Financial Analysis

A financial model for the underground and open-pit mine with an annual production rate of 1 225 000 t was prepared. Key production and financial parameters are summarised in Table 3-4.

(e) General Parameters

The financial analysis model covers the time span from Year -3 through Year +16. The preproduction years are Years -3, -2 and -1. Production years are from +1 to +16. Underground mining is from Years +1 to +9, whilst open-pit mining will commence from Years +10 to +16. Year 16 is allowed for Project closure.

The mill feed rate from the mine is 1 225 000 t/a, with first year of production at 854 000 t, thus allowing the mill to ramp up to full production. The total ore mined over the life of mine is 10 634 000 t. The average head grade over the life of mine is 0.133% U<sub>3</sub>O<sub>8</sub>. The average head grade for underground mining is 0.174% and for the open pit 0.074%.

The process recovery for uranium (U<sub>3</sub>O<sub>8</sub>) is 84.5% for the underground and 89.28% for the open pit. Over the life of mine, the total production of U<sub>3</sub>O<sub>8</sub> is 20 538 t (45 279 000 lb).

Product pricing is based on the recommendation of Khan and is assumed to be on an FOB mine site basis.

<b>Table 3-4</b>	
<b>Financial and Production Data</b>	

Annual mine throughput	1 225 000 t
Mine life	15 years
Average grade	0.133% U <sub>3</sub> O <sub>8</sub>
Recovered U <sub>3</sub> O <sub>8</sub>	45,279,000 lb
Average value	USD 65/lb

Tables 3-5 and 3-6 summarise the financial analysis model. NPV is calculated on end-year basis.

**Table 3-5**  
**Financial Data**  
(USD '000)

	<b>TOTAL</b>
Revenue	2,943,111
Operating Costs, Mine Site	1,051,443
Other Operating Costs including Royalties	158,109
Total Operating Costs	1,175,028
Total Initial Capital Investment Costs	371,174 <sup>1</sup>
Nett Initial Capital Investment Costs	332,786
Sustaining Capital Investment Costs	154,706
Pretax Cumulative Cash flow	1,242,203
Taxes, Income	317,273
After Tax Cumulative Cash flow	924,929

<sup>1</sup>Initial capital investment plus VAT.

**Table 3-6**  
**IRR and NPV Values**  
(USD '000)

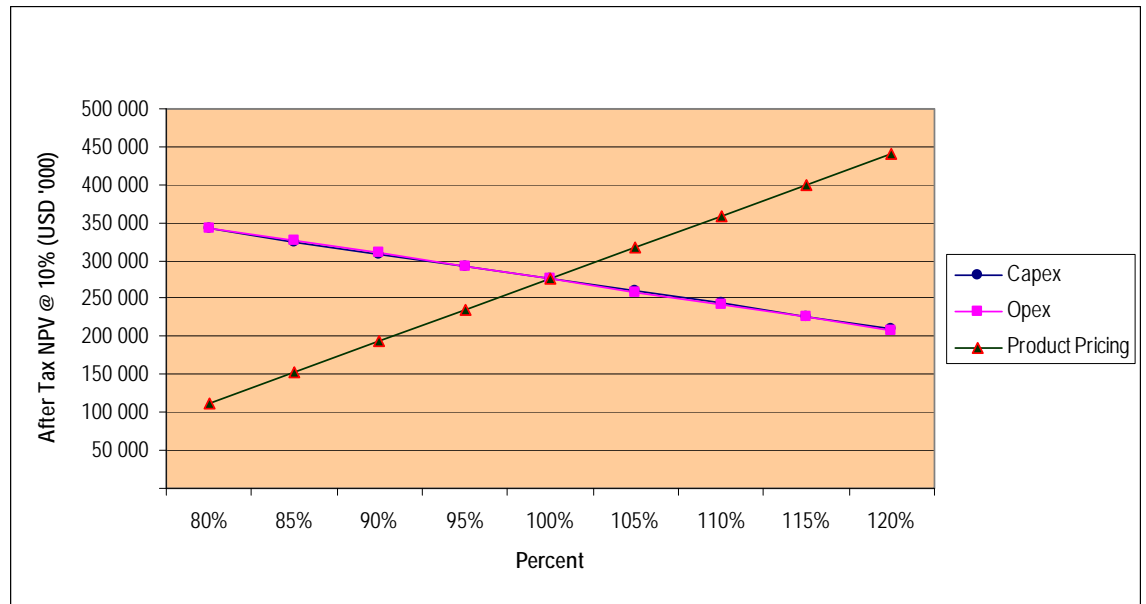
	<b>End of Year</b>	
	<b>Pre-tax</b>	<b>After Tax</b>
IRR	36.4%	29.1%
NPV @ 0%	1,242,203	924,929
NPV @ 10%	406,827	275,993
Payback Period, Years	1.9	2.3

The Project is subject to graduated levels of taxation and flat rate royalty based on gross revenue. Income tax is payable at a rate of 10% for initial income of 3,000,000,000 tugriks (USD 1.94 million) and below

and at a rate of 25% for income over the 3,000,000,000 tugriks threshold. Royalty is payable at 5% of gross revenue.

The close-out cost is estimated at USD 37.4 million. USD 1.4 million is for close-out engineering and is applied in Year +15, whilst the close-out cost is applied in Year +16.

Chart 3.1 revolves around the after tax NPV @ 10% of USD 275,993,000 calculated on the end of year basis.



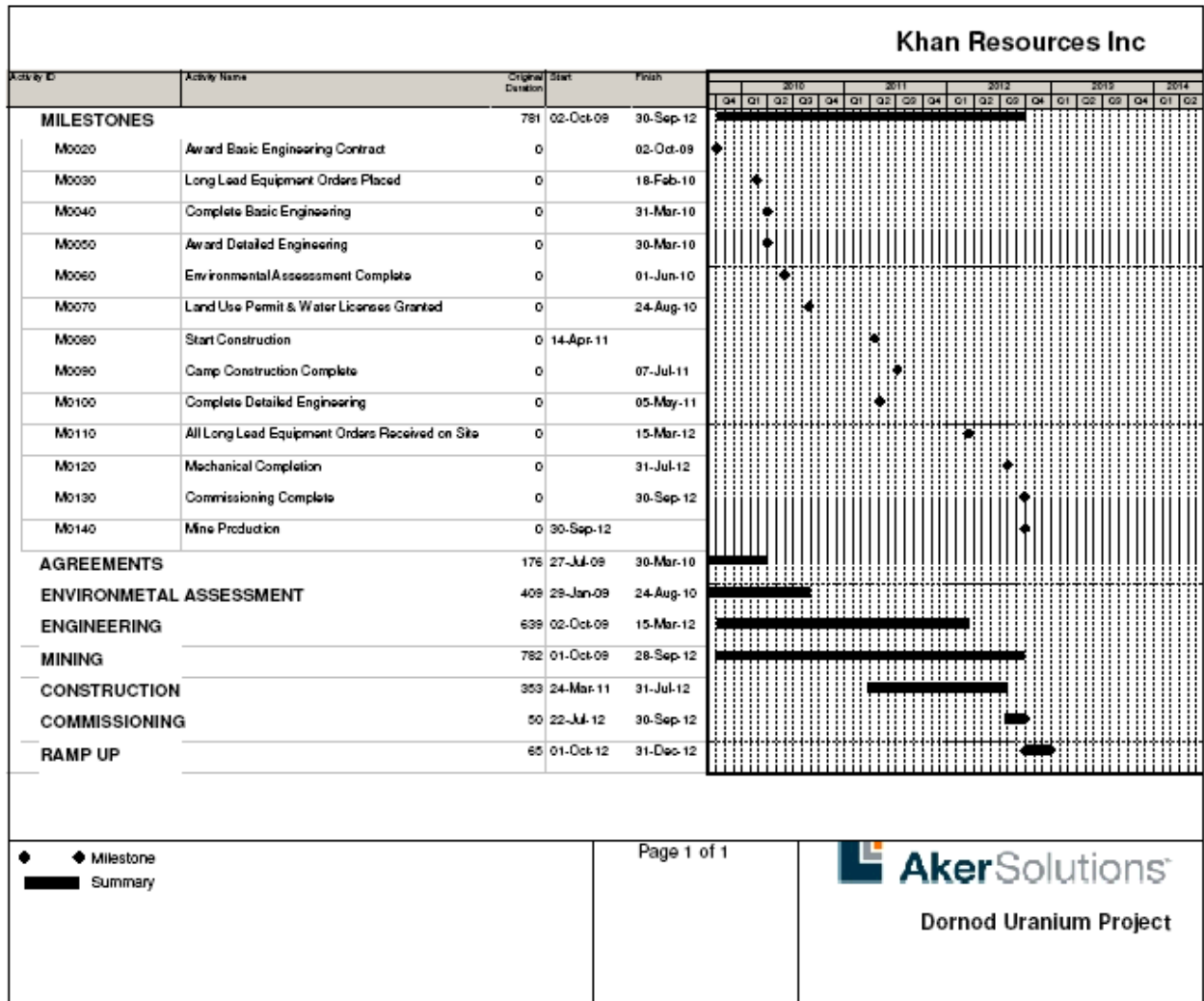
**Chart 3.1**  
**Sensitivity Graph**

(f) Project Implementation

The Project Execution Plan, Figure 3.1 outlines the summary of major activities leading to successful completion of the Project. The major activities are grouped into major categories: Agreements, Environmental Assessment, Engineering, Mining, Construction, Commissioning and Ramp up.

The scheduled start of the EPCM activities is October 9, 2009, dependent on receiving Government of Mongolia approval for the Project. The schedule identifies activities occurring during the first half of 2010 necessary to maintain the planned completion date.

The overall duration from March 2010 to achieving full production is 33 months. From the start of detail engineering to completion of precommissioning is 28 months. The construction duration of the surface facilities is 18 months. A 3-month duration for production ramp-up is planned.



**Figure 3.1**  
**Project Execution Schedule**



## (g) Key Project Dates

The following activity key dates are identified.

- |   |                    |   |
|---|--------------------|---|
| ■ | October 2, 2009    | Award Basic Engineering Contract                          |
| ■ | February 18, 2010  | Long-Lead Equipment Orders Placed                         |
| ■ | March 30, 2010     | Complete Basic Engineering and Award Detailed Engineering |
| ■ | August 24, 2010    | Land Use Permit and Water Licenses Granted                |
| ■ | April 14, 2011     | Start of Construction                                     |
| ■ | May 5, 2011        | Complete Detailed Engineering                             |
| ■ | July 7, 2011       | Construction Camp Completed                               |
| ■ | March 15, 2012     | All long-lead equipment orders received on-site           |
| ■ | July 31, 2012      | Mechanical Completion                                     |
| ■ | September 30, 2012 | Commissioning Complete                                    |

### Technical Summary

#### Property Location and Description

The Dornod Project is located in northeastern Mongolia, approximately 125-km north of Choibalsan, capital of the Dornod Aimag (province). The population of Choibalsan is about 15,000, and it is situated along a major east-west road connecting the town with Ulaanbaatar, the capital of Mongolia, some 650 km to the west. The abandoned settlement of Mardai, built for Russian mineral exploration crews, is 14-km west of the Project.

#### Land Tenure and Ownership

The Dornod Property consists of two mineral licences, a Mining Licence (237A, originally U-27) and an Exploration Licence (9282X). Mining Licence 237A, known as the Main Dornod Property, was granted by the Office of Geological and Mining Cadastre (OGMC), of the Minerals Resources and Petroleum (MRPAM) Authority of Mongolia, to Central Asian Uranium Corporation (CAUC), a limited liability company organised under the laws of Mongolia. Khan, through a subsidiary corporation, holds 58% of the issued and outstanding common shares of CAUC.

An application to convert the exploration license to a mining license was submitted in September 2007. The application included the August 2007 Pre-Feasibility Study. Exploration License 9282X, known as the additional Dornod Property, has an area of 243 ha and is contiguous with the Main Dornod Property. It is registered through a wholly owned subsidiary of the Corporation, and was renewed for a 3-yr period in February 2008. The corporation is currently taking all necessary steps to convert the exploration license into a mining license, in accordance

with the Revised Minerals Law of Mongolia (RMLM). To this end, the Corporation has recently submitted the reserve calculation and environmental impact assessment for the Additional Dornod Property, prepared in accordance with Mongolian standards and requirements. These are necessary preconditions in the process of converting an exploration license to a mining license in accordance with the RMLM.

### **Permitting**

The Mineral Resources and Petroleum Authority of Mongolia (MRPAM) is the authority that oversees mining and exploration licensing in Mongolia. To change a license from exploration to mining, the company must submit:

- Mineral resource / reserve approved by the Minerals Council
- Feasibility study approved by the Mining Department of MRPAM
- Mongolian Environmental Impact Assessment (EIA) approved by the Ministry of Nature, Environment and Tourism.

Khan expects that the DFS will satisfy the requirements for a feasibility study as it includes a Life of Mine Plan.

To date, all permits and licenses are in place for the program presently underway. All licenses for the properties are in good standing.

The Project status and schedule is dependent on the company obtaining an investment agreement from the Mongolian Government. Khan expects that government review will commence in the third quarter of 2009 and this process will be finished and approved by the end of the fourth quarter of 2009. It is not known at this time what impact these negotiations will have on the existing ownership structure.

### **Access**

Access to the Dornod Property is by paved road, about 100-km east from Ulaanbaatar to the coal mining town of Baganoor, then 550-km east by dirt road from Baganoor to Choibalsan in northeastern Mongolia and then about 125-km north by dirt road from Choibalsan to Mardai. The main access road to the mine, from the town of Choibalsan, is presently an unimproved dirt road and will have to be graded and maintained to provide year-round access.

### **Infrastructure**

Infrastructure near the Project is limited. Power is generated at Choibalsan. A power line is presently under construction and is scheduled to be completed in May 2009. Telephone service is available at the site. Water is available from wells near the property. Some mining equipment and personnel are available at Choibalsan, Ulaanbaatar, and in northern Mongolia, where a few open-pit gold deposits are being developed.

## History

Historic mining and prospecting activities in the Dornod Uranium District of northeastern Mongolia, which hosts the Dornod deposits, date back to the 1940s. Early prospecting work led to the discovery of the Dornod No. 2 uranium deposit and production started from an open pit in 1988. The area is host to numerous undeveloped uranium occurrences. From 1988 to 1995, some 590 000 t of material at an average grade of 0.118%  $U_3O_8$  were mined from the No. 2 Deposit of the Dornod site. The advent of Perestroika in 1985 and the dissolution of the Soviet Union in 1991 led to cessation of mining activity.

In 1995, Priargunsky - on behalf of World Wide Minerals Ltd. (World Wide), a predecessor company to Khan - commenced stripping and mining operations at the No. 2 Deposit as an open-pit mine. Due to low uranium prices, however, the mine was shut down in 1995. Until 2005, the Project had been maintained on a care and maintenance basis. In early 2005, Khan became operator and began a confirmation drilling program on the areas of the Nos. 2 and 7 Deposits. Results of this program confirmed earlier Priargunsky results and established the continuity of uranium mineralization at the two deposits. Khan commissioned a Scoping Study on Dornod in 2005, followed by a PFS in 2006, and a DFS in 2008 which is the subject of this report.

## Geology

Mongolia is within the Central Asian branch of the Ural-Mongolian Mobile Belt. The Main Mongolian Lineament, an arcuate series of deep-seated faults that extend generally east-west through the mid-section of the country, divides Mongolia into Northern and Southern Megablocks. The Dornod uranium district is within the North Choibalsan mineral region in extreme northeast Mongolia, in the Northern Megablock at the eastern end of the Central Mongolian Fold System.

Although uranium mineralization is common throughout the Dornod Complex, economic concentrations of uranium mineralization occur in a narrow stratigraphic interval in the lower part of the Complex. Mineralization is most extensive in horizons of porous sedimentary and volcanic rocks usually enriched with organic or sulphide minerals. Deposits are controlled by major zones of steeply dipping fractures of the northerly and northeasterly faults and their junctures with northwesterly faults.

The area of the Dornod Property is underlain by Jurassic volcanic and sedimentary rocks. The volcanic rocks are comprised of amygdaloidal basalt, andesite, ignimbrite, rhyolite and tuff. The sedimentary rocks are predominantly sandstone and conglomerate containing interbed carbonaceous partings.

Uranium mineralization in the Dornod district is found at depths of 30 m to 700 m and is concentrated within a 30-km<sup>2</sup> area. Thirteen deposits have been identified in the Dornod district, of which five have been explored in detail. The No. 7 Deposit, which is the largest, has been partially developed for underground exploration. The No. 2 Deposit, which is closer to surface, has been partially mined by open pit methods.

Uranium mineralization occurs as pitchblende-coffinite assemblages associated with carbonaceous partings and fragments in areas of structural preparation. The uranium mineralization occurs as "blanket-like" horizons from less than 1-m thick to greater than 30-m thick within the volcano-sedimentary succession at depths from 30 m to greater than 450 m below

surface. A number of uranium deposits and target areas have been outlined in the Dornod area by systematic exploration work.

The No. 7 Deposit is situated at the northern end of the Dornod uranium district and occupies the southern half of the area covered by Mining Licence 237A. The Deposit is situated approximately 1-km south of the No. 2 Deposit. The No. 7 Deposit comprises a number of separate, flat-lying uraniumiferous horizons spread over an area measuring 1000 m by 500 m. The most continuous zone is a 30- to 40-m-thick tabular body of high-grade uranium mineralization occurring at vertical depths between 410 and 450 m below surface.

The No. 2 Deposit comprises a number of separate uraniumiferous horizons spread over an area measuring approximately 1800 m by 1500 m. There are at least five horizons of sedimentary rocks hosting uranium mineralization, which are interlayered with felsic to intermediate volcanic rocks. The most continuous zone (Layer 3) is a 6- to 10-m-thick layer of low-grade uranium mineralization which is stratabound and defines the broad southwest trending synform in the area. This layer occurs at vertical depths between 75 and 225 m below surface, and was the target of most past mining activity.

Russian exploration of the No. 7 Deposit included 123 surface diamond drill holes, 143 underground diamond drill holes and approximately 20 000 m of underground development including drifts, cross-cuts, and three shafts, which extend to the No. 5 Deposit area. Russian exploration of the No. 2 Deposit included 450 surface diamond drill holes.

From August 2005 to April 2007, Khan completed a program of confirmation drilling in both deposits, totalling 5885 m in 23 vertical diamond drill holes.

In 2007, Khan continued to test the area between the Nos. 2 and 7 Deposits, as well as the area southeast of the No. 2 open pit, by drilling. In total, some 1987 m of drilling was completed in eight diamond drill holes.

In late 2007, Khan completed two large diameter diamond drill holes and sampled the central part of the No. 7 Deposit for metallurgical testwork.

### **Mineral Resources**

Scott Wilson RPA updated the mineral resources of the Nos. 7 and 2 Deposits, based on a new digital database of previous results, and additional confirmation drilling results. The Scott Wilson RPA mineral resource estimate is in accordance with the Mineral Resource / Reserve Classification as recommended by the CIM Committee on Mineral Resources / Reserves. The mineral resources are presented in Table 3-7.

**Table 3-7**  
**Mineral Resource Estimate**

<b>Location</b>	<b>Category</b>	<b>Tonnes (million)</b>	<b>% U<sub>3</sub>O<sub>8</sub></b>	<b>lbs U<sub>3</sub>O<sub>8</sub> (million)</b>
No. 7 Deposit	Indicated	14.36	0.154	48.6
No. 2 Deposit	Indicated	10.95	0.065	15.7
<b>TOTAL</b>	<b>Indicated</b>	<b>25.31</b>	<b>0.116</b>	<b>64.3</b>
No. 2 Deposit	Inferred	2.18	0.050	2.4

Notes:

1. CIM definitions were followed for mineral resources.
2. Mineral resources were estimated using a U<sub>3</sub>O<sub>8</sub> price of USD 55/lb.
3. Mineral resources were estimated using a cutoff grade of 0.04% U<sub>3</sub>O<sub>8</sub> for No. 7 Deposit, and 0.025% U<sub>3</sub>O<sub>8</sub> for No. 2 Deposit.
4. No. 7 Deposit was modeled at a minimum of 5- m-vertical thickness, No. 2 Deposit was modeled at a minimum of 2-m-vertical thickness.
5. Mineral resources are inclusive of, not in addition to, mineral reserves.
6. The numbers for tonnage, % U<sub>3</sub>O<sub>8</sub> and contained lbs U<sub>3</sub>O<sub>8</sub> are rounded figures.

Systematic density measurements, made on drill core by staff of Priargunsky, and confirmed by more recent testing, result in an average density of 2.60 g/cc for the host rock siltstones.

Interpretation of mineralization was done at a threshold of approximately 0.015% U<sub>3</sub>O<sub>8</sub> for the No. 7 Deposit, and approximately 0.010% U<sub>3</sub>O<sub>8</sub> for the No. 2 Deposit. Separate block models were evaluated for each deposit, within the interpreted wireframes. Blocks in the models were compared to higher cutoff grades, calculated using operating costs, metallurgical recoveries, and the uranium price.

Scott Wilson RPA classified the mineral resources in the Nos. 7 and 2 Deposits into the Indicated category based on drill-hole spacing, apparent continuity of mineralization, and the results of the recent confirmation drilling. A small additional part of the No. 2 Deposit has been classified as Inferred mineral resources, in an area extending both inside and outside (north) of the current boundary of Mineral Licence 237A.

In plan view, the No. 7 Deposit block model shows a high-grade central core, with a large halo of mineralization in which the grade declines smoothly towards the edges. The No. 2 Deposit block model shows several areas of higher-grade (>0.10% U<sub>3</sub>O<sub>8</sub>) mineralization, with the largest area concentrated underneath the current pit, and another area to the southeast. West of the current pit, grades start below 0.10% U<sub>3</sub>O<sub>8</sub>, and decrease gradually.

## Mineral Reserves

Mineral reserves were estimated by P&E Mining Consultants Inc. (P&E) for the DFS assuming underground longhole open stoping methods with cemented and uncemented waste rock backfill for the No. 7 Deposit, with stope sizes and pillar layouts as described in a geotechnical study by Golder Associates. Mineral reserves for the No. 2 Deposit assume open-pit mining. Mineral reserves are summarised in Table 3-8.

**Table 3-8**  
**Mineral Reserve Estimate**

<b>Location</b>	<b>Category</b>	<b>Tonnes (million)</b>	<b>% U<sub>3</sub>O<sub>8</sub></b>	<b>lbs U<sub>3</sub>O<sub>8</sub> (million)</b>
No. 7 Deposit	Probable	10.63	0.174	40.8
No. 2 Deposit	Probable	7.41	0.074	12.1
<b>TOTAL</b>	<b>Probable</b>	<b>18.04</b>	<b>0.133</b>	<b>52.9</b>

Notes:

1. CIM definitions were followed for mineral reserves.
2. Mineral reserves were estimated using a U<sub>3</sub>O<sub>8</sub> price of USD 55/lb.
3. Mineral reserves were estimated using an underground cutoff grade of 0.061% U<sub>3</sub>O<sub>8</sub> for No. 7 Deposit, and an open-pit cutoff grade of 0.028% U<sub>3</sub>O<sub>8</sub> for No. 2 Deposit.
4. The numbers for tonnage, % U<sub>3</sub>O<sub>8</sub> and contained lbs U<sub>3</sub>O<sub>8</sub> are rounded figures.

(a) Dilution – No. 7 Deposit

External dilution for No. 7 Deposit stopes is estimated to average 10% at zero grade, including hanging wall and backfill dilution.

(b) Dilution – No. 2 Deposit

Examination of the block model for the No. 2 Deposit shows the gently-dipping mineralized layers angling into, and out of, successive benches. Open-pit grade control will have to be applied to each bench, in order to determine boundaries for ore definition, on a scale that matches the selectivity of the mining equipment. A dilution allowance of 15% at a grade of 0.018% was factored into bench grades to account for this problem.

(c) Resource Extraction – No. 7 Deposit

Mineral reserve tonnage (exclusive of dilution) totals 74% of mineral resource tonnage for the No. 7 Deposit. Metal content in mineral reserves (40.8 million pounds) totals 84% of mineral resource metal. Extraction was assessed in two stages; first, by application of stope outlines, with some resources rejected for being too thin or scattered to form stopes; and second, by application of expected recoveries for various stope configurations.

## (d) Resource Extraction – No. 2 Deposit

Portions of mineralized layers will be rejected by open-pit grade control, where dilution within an ore bench is too high or mineralization lies under too much waste stripping cover. A resource extraction factor of 68% was calculated. Actual mining extraction within the open-pit design was determined to be 95%.

**Mining Operations**

The DFS outlined mining of the Nos. 2 and 7 Deposits, at a production rate of 3500 t/d, or 1.225 Mt/a. Mining of all Mineral Reserves is expected to require slightly more than 15 years.

The No. 7 Deposit was partially developed for exploration, with two shafts, and development drifting on 550 Level. The exploration drifting was extended southwards to test other potential deposits (Nos. 4 and 5 Deposits), with another ventilation shaft (No. 2 Shaft) serving that area. Currently, the underground workings are flooded and the mine needs to be dewatered before a full evaluation of their condition can be completed. For the most part, the mine infrastructure, which supported the original exploration, has been destroyed or removed and has to be replaced.

Underground mining is proposed for No. 7 Deposit, using Longhole Open Stopping with cemented and uncemented waste rockfill backfill. Production at the full rate of 3500 t/d for the first 8 years will come from the No. 7 Deposit.

The No. 2 Deposit was mined as an open-pit operation from 1988 to 1995 by Priargunsky. The open pit is currently partially flooded, and is expected to serve as a reservoir for process water during the early years of operation. As production from the No. 7 Deposit decreases. Phase 1 open pit mining will begin. Two additional phases are proposed, with total open-pit mining expected to last just over 7 years.

## (a) Underground Mine Design – No. 7 Deposit

Golder completed a geotechnical review entitled “Mine Geotechnical Underground Design for Dornod Project Mongolia,” dated September 2006. Golder’s review, based on evaluation of drill core, included recommendations for stope dimensions and ground support requirements, which are used for the DFS.

Access to the underground mineralized zones and old development areas will be by an inclined ramp from surface. The ramp portal is situated near the processing plant. This ramp will also facilitate truck haulage of ore to the processing plant.

The mining method is Longhole Open Stopping will mainly use longholes drilled in a downhole fan pattern. In areas near the top of the orebody, to minimise development, stopes with heights of less than 15 m will be mined using upholes drilled in a parallel pattern. Stopes will be nominally 15-m wide by 18-m long and a maximum of 30-m height (floor to floor).

The orebody geometry, with a length of approximately 600 m and a width of approximately 500 m, requires that the stopes be combined into mining blocks with barrier pillars left between mining blocks, to provide regional stability as mining progresses. This divides the orebody into a chequer board of blocks with each mining block having dimensions of 150 m in the west-east direction and 108 m north-south. The

regional pillars between mining blocks will be 38-m wide. Each mining block between levels is subdivided into individual stopes having nominal dimensions of 15-m wide by 18-m long. A mining block will therefore consist of 60 stopes.

Barrier pillars between mining blocks are oriented north-south and east-west. The east-west pillars are called primary pillars and the north-south secondary pillars.

All Primary Access Drift and Secondary Access Crosscut headings will be 5 m by 5 m to accommodate haul trucks and ventilations requirements. Truck loading areas will be developed at all remucks by taking down the backs to a height which will accommodate truck loading by load, haul, dump (LHD) vehicles.

A slot raise will be developed at the far end (north) of each stope. The stope will be drilled off in a fan pattern. The first stope blast will break into the slot raise and subsequent blasts into the mucked-out void. Each stope will be ring blasted in three blasts.

Broken ore will be loaded in the undercut sill crosscuts into 6.1-m<sup>3</sup> LHDs and transported to the closest orepass. Orepasses deliver ore to the 480 Level for loading into the haul trucks for haulage to surface.

Within each mining bloc, stopes will be mined in a primary / secondary sequence, where primary stopes on either side of a secondary stope are mined and backfilled, after which the secondary stope is mined. In addition, each north-south line of primary stopes (six stopes per line) in a mining block will be retreated from north to south, ahead of the retreating lines of secondary stopes. The same sequence will also be extended vertically, where primary and secondary stopes below must be completed, before primary or secondary stopes above are mined.

With the primary and secondary sequencing of stopes, backfilling will use a combination of cemented waste rock backfill in primary stopes and 2/3 of secondary stopes with the remaining stopes backfilled with uncemented waste rock.

Mining block sequencing is dictated by ventilation and pillar recovery requirements. Stope sequencing uses the primary / secondary sequence for mining individual longhole stopes.

Mining blocks will be mined in a sequence to ensure one time use of ventilation air which has been in contact with ore. Mining blocks, in general, will be mined from the northwest to the southeast. When all mining blocks around a primary and secondary pillars are mined out, the pillars will be recovered immediately afterwards to minimise mining problems and allow for areas to be permanently abandoned.

Pillars between mined-out blocks will be recovered by longhole mining as well, with stopes developed at right angles to the pillar drifts and crosscuts. The stopes will be mined with widths of 10 m and lengths of 17.5 m on one side and 12.5 m on the other. The longer stope would be mined and backfilled first, followed by the shorter stope. Stopes will retreat from west to east and north to south of pillar drifts and crosscuts, respectively. All pillar recovery stopes will be backfilled with cemented waste rock.



Due to stress shedding to the pillars, mining conditions will be more difficult, requiring rehabilitation of the sill drifts and extra cable bolting to maintain stope stability.

Waste rock backfill will be delivered by truck to the stopes. The waste rock will be delivered to the 453 and 435 Levels via backfill raises from surface. The bottom of the backfill raise will be equipped with a truck loading chute and slurry addition system. This will produce a cemented waste rock backfill with approximately 4% cement content. The truck will transport the resulting backfill to the stope being backfilled.

Backfill raises will be located in the centre of four mining blocks to provide optimum backfill distribution to the different mining block areas. A total of three backfill raises is planned.

(b) No. 7 Deposit Ventilation

Detailed ventilation design and modeling were undertaken by Intergen Safety and Environment Solutions Inc. of Saskatoon, Saskatchewan, Canada.

The underground ventilation system is required to provide airflow volumes and distribution that will provide wholesome air for all underground workers. Specifically for this Project, the system is designed to control airborne radiation, airborne respirable silica concentrations, and diesel exhaust fume concentrations in the workplace.

The following specific design criteria were adopted for the Project.

- (i) The system will be designed to control airborne radiation concentrations to levels that, together with other radiation exposure management measures, are conducive to maintaining radiation exposures consistent with As Low As Reasonably Achievable (ALARA) principle.
- (ii) The system will be designed to provide at least 0.05 m<sup>3</sup>/s (100 ft<sup>3</sup>/min) per brake horsepower (BHP) of diesel equipment operating underground.

Air distribution is dependent on the radiation protection requirements and the manner in which diesel equipment is deployed throughout the mine. Achieving adequate radiation protection requires that the air be moved from the fresh air source to the exhaust in an expedient manner with the controlled reuse of air minimised.

The Fresh Air Raise (FAR), in parallel with Shaft No. 3, will convey the bulk of the intake air to the mine workings. Vitiated air will be removed from the mine to surface via two Return Air Raises (RARs). Intake air will flow from the bottom of FAR on the south side of levels in a northerly direction to the RARs on the north side of the mine. The proposed main ventilation system will consist of a 6-m-dia intake vent raise (FAR) and a 6-m-diameter downcast shaft (Shaft No. 3) on the south side of the orebody, and two 4-m-diameter exhaust vent raises on the north side of the orebody. The bulk of the fresh air will downcast the Fresh Air Raise (FAR) and a smaller amount will downcast the shaft.

The aim of the ventilation distribution system is to provide fresh air to workers in their workplaces, minimise work in areas that may be upstream of other active working areas, and ensure careful monitoring. Excessive airborne radiation, diesel emission or silica

contamination may require localised ventilation arrangements to avoid unnecessary exposure of workers.

(c) Underground Preproduction Development

Preproduction mine development and construction, including initial mining blocks, requires approximately 3 years (Table 3-10). All preproduction development and construction will be performed by a mining contractor. Work during the preproduction period will include:

- Dewatering of existing underground workings and discharge to existing No 2 open pit
- Developing the main ramp from surface to the 483 Level
- Sinking and lining the FAR No. 1 (near No. 3 Shaft) and RAR No. 1 and RAR No. 2
- Constructing and installing main surface ventilation fans on raises and No. 3 Shaft
- Constructing miscellaneous surface facilities related to the mine
- Completing the northwest internal ramp and lateral development on the 483, 453, 435 and 405 Levels
- Installing 483 Level infrastructure (maintenance shop, refuge station, fuel bay, explosives and detonator magazines, sumps, etc.)
- Developing initial internal ventilation raises
- Installing and commissioning all required mine services.

The underground mine development schedule for the preproduction period is shown in Table 3-9.

**Table 3-9  
Preproduction Development Schedule**

Component	Quantity	Units	Dimensions	Year-3				Total Year-3	Year-2				Total Year-2	Year-1				Total Year-1	TOTAL
				Q4	Q3	Q2	Q1		Q4	Q3	Q2	Q1		Q4	Q3	Q2	Q1		
<b>Underground Infrastructure Development</b>																			
Main Ramp Surface to 510 Level	3,860	metres	5m W X 5m H		420	420	420	1,260	420	420	420	420	1,680	420	420	80		920	<b>3,860</b>
<b>Lateral Development</b>								0					0					0	
Internal Ramp 482 to 435		metres	5 m W x 5 m H					0					0	96	700			796	<b>796</b>
405 Level Main Accesses	115	metres	5m W X 5m H					0					0			62		62	<b>62</b>
435 Level Main Accesses	2,515	metres	5m W X 5m H					0					0	193	360	704	118	1,375	<b>1,375</b>
453 Level - Main Accesses	633	metres	5m W X 5m H					0					0					0	<b>0</b>
483 Level Main Accesses	2,811	metres	5m W X 5m H					0				722	722	155			422	577	<b>1,299</b>
Truck Loading Stations	320	metres	5m W X 10m H					0					0				60	60	<b>60</b>
<b>Raises</b>																			
Ventilation Raises	832	metres	4m X 4m					0				42	42	664	29		97	790	<b>832</b>
Backfill Raise	1,000	metres	2.4m X 2.4m					0					0		500			500	<b>500</b>
<b>Mine Services</b>								0					0					0	
483 Trackless Maintenance Shop	18,234	cu.m.						0					0			18,234		18,234	<b>18,234</b>
453 Explosives Magazine	803	cu.m.						0					0		803			803	<b>803</b>
453 Detonators Magazine	57	cu.m.						0					0		57			57	<b>57</b>
483 & 510 Refuge Stations	1,606	cu.m.						0		803			803	803				803	<b>1,606</b>
483 and 510 Latrines	148	cu.m.						0		74		74	148					0	<b>148</b>
483 Fuel Bay	439	cu.m.						0					0	439				439	<b>439</b>
510 Fuel Bay	439	cu.m.						0					0	439				439	<b>439</b>
483 & 453 Storage Areas	60	metres	6m X 5m H					0			30		30		30			30	<b>60</b>
510 Main Dewatering Sump	705	cu.m.	7 m dia.					0			705		705					0	<b>705</b>

All raise development work during preproduction and production period will be performing by the mining contractor.

(d) **Underground Mining**

The mine production schedule is based on mining 3500 t of ore per day for 350 d/a, or 1 225 000 t of reserves per year.

Each stope produces approximately 1000 t/d during the mucking cycle. A stope is drilled blasted, mucked out and backfilled in a total of approximately 73 days for Longhole Open Stopping – Downholes and 23 days for Longhole Open Sloping – Upholes.

Production requirements will be met with an average of five to six stopes loading, blasting and mucking, six stopes drilling and one stope backfilling per shift. Backfilled stopes will require approximately 30 days curing time before adjacent mining can take place.

It should be noted that all production ore will be transported by 50-t trucks traveling up the ramp to surface.

## (e) Open-pit Mining – No. 2 Deposit

The proposed Dornod open pit will be developed at the site of the former uranium open pit. The historic pit will be dewatered and further developed to create the proposed Dornod open pit. It is envisaged that the open pit will be developed concurrent with the last year of underground mining (Year 8), and that the historic pit will be dewatered as part of the underground mining and ore processing operations.

The Dornod open pit will be developed by Khan using its own equipment and workforce. They will have responsibility for: the dewatering of the historic pit and re-establishment of the pit haulage roads; production drilling and blasting; the excavation of ore to the primary crusher and waste rock to the waste rock management area; oversize breakage; haul road maintenance; and equipment maintenance. Khan will provide the open-pit equipment, supervision, operator training, the mine consumables, the pit operations and maintenance facilities, and a pit technical and health and safety program including radiation monitoring and dose assessments.

The open-pit operation will make use of the following site infrastructure components that will have been constructed to service the underground mining operation:

- Surface shops and warehouse facilities
- Dry, camp and office facilities
- Explosive and detonator magazines on surface
- Electrical power distribution system
- Ore crusher on surface.

The site infrastructure will be expanded to include:

- An open-pit equipment maintenance shop
- The addition of a grizzly and rock breaker at the hopper feeding the ROM ore conveyor, grizzly and jaw crusher. The addition of a metal detector and interlocks on the feeder to the ore grizzly and primary crusher to assist in detecting / removing scrap steel including drill bits from the run of pit ore.

## (i) Preproduction Development

The preproduction development work consists of prestripping 11 Mt of waste rock.

## (ii) Open-pit Production Schedule

The open-pit production schedule includes a preproduction period (Year 8), and the pit operations phase. The pit is scheduled to be developed and readied for production concurrent with the last year of underground mining. It is projected that the pit will produce 7.4 Mt of ore in slightly over 6 years. The pit will supply 1.225-Mt/a ore to the processing plant. The open-pit production schedule is shown in Table 3-10.

**Table 3-10**  
**Open-Pit Production Schedule**

<b>Year</b>	<b>Ore Tonnage (kt)</b>	<b>Waste Tonnage (kt)</b>	<b>Total Tonnage (k)</b>	<b>Tonnes Per Day (kt/d rock)</b>	<b>Waste / Ore Ratio (t waste:t ore)</b>
8					
9	26	11 249	11 275	55	439.6
10	1 225	18 025	19 250	55	14.7
11	1 225	18 025	19 250	55	14.7
12	1 225	18 025	19 250	55	14.7
13	1 225	18 025	19 250	55	14.7
14	1 225	18 025	19 250	55	14.7
15	1 225	12 577	13 802	39	10.3
16	31	591	32	4	0.02
<b>TOTAL</b>	<b>7 407</b>	<b>113 952</b>	<b>121 359</b>		<b>15.4</b>

The open pit will be developed in three phases. The waste rock will be disposed in four waste rock piles to be constructed adjacent to the pit.

(iii) Open-pit Mining Method

The geology of the open pit includes at least five horizons hosting uraniferous mineralization that are interlayered with felsic to intermediate volcanic rocks. These layers dip and angle in and out of the successive pit benches and are flat or near horizontal on some elevations. The ore interceptions, varying ore thicknesses and the need to control dilution and ore losses necessitate that the mining method provide operational flexibility and include ore grade control and survey control programs; as such as follows.

- The pit will use conventional mining equipment and a combination of 10- and 5-m bench heights and flexible mining practices. Most of the waste rock will be mined using 10-m-high benches and conventional open-pit drilling, blasting, excavating and haulage methods. Ore layers that are horizontal or near-flat dipping will be mined using 10-m-high benches or 5-m-high split benches, depending on the ore thickness and ore grade control requirements.
- In parts of the pit, the ore is relatively thinner with gentle to steep sloping surfaces. These areas are not amenable to mining with 10-m-high benches. A combination of 5-m-high split benches and 5-m-high split benches with fitch mining will be used to mine the ore in these areas. The fitch mining will involve the selective removal of waste rock over the ore layer, followed by the selective mining of the ore layer. A portion of the ore in these areas

will be rejected by the ore grade control program or otherwise not recovered by the mining operations.

- The main pit production equipment fleet has been sized for mining 10-m-high benches. The pit will also have a fleet of smaller mobile equipment for mining 5-m-high benches. The smaller equipment will include a hydraulic excavator that will provide improved selectivity, in comparison to the loading units to be used to excavate the 10-m benches.
- The pit will have a radiometric ore grade control program to determine the boundaries for ore definition and finalise the blast plans, and a survey control program.

(iv) Open-pit Operations

The open-pit mining operations will be carried out on a two 12-hr shifts per day basis with 2 weeks on, 2 weeks off rotations.

***Ten-Metre Benching***

The 10-m bench blastholes will be drilled off using two Sandvik model D245S drills. This drill is a diesel-powered self-propelled crawler-mounted blasthole drill that is equipped as a rotary drill for 127-mm to 203-mm (5 in. to 8 in.) diameter holes to a depth of up to 45 m (148 ft).

The drilling and blasting parameters for the 10-m benches are shown in Table 3-11.

**Table 3-11**  
**Ten-Metre Bench Drilling and Blasting Parameters**

Item	Parameter	
	Ore	Waste
Bench height	10 m	10 m
Blasthole diameter	172 mm (6-3/4 in.)	172 mm (6-3/4 in.)
Burden	5.25 m	5.25 m
Spacing	5.25 m	6.4 m
Subdrill	1.7 m	1.7 m
Stemming	2 m	2 m
Blasting agent	ANFO at 1.05 g/cc	ANFO at 1.05 g/cc
Tonnage factor	2.6 t/m <sup>3</sup> in-situ	2.6 t/m <sup>3</sup> in-situ
Powder factor	0.32 kg/t (0.85 kg/m <sup>3</sup> )	0.27 kg/t (0.70 kg/m <sup>3</sup> )

One Caterpillar RH120E diesel-hydraulic shovel, one Caterpillar 994F wheel loader, and a fleet of Caterpillar 785C haulage trucks were selected for the purposes of this study and are well suited to the Project. The RH 120E hydraulic shovel has a 16.5-m<sup>3</sup> capacity (2:1 heap) bucket. The Caterpillar 994F wheel loader will be equipped with a nominal 16-m<sup>3</sup> bucket.

The Caterpillar 785C haul truck has a nominal payload capacity of 136 t. The number of Caterpillar 785C haul trucks in the equipment fleet in each year of the pit life is shown in Table 3-12.

<b>Table 3-12</b> <b>Caterpillar 785C Haulage Truck Fleet</b>
--

Year	Number of Caterpillar 785C Trucks Purchased	Number of Caterpillar 785C Trucks On-site
8	4	4
9	6	10
10	2	12
11		12
12		12
13		12
14		12
15		12

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### ***Five-metre Split Benches***

The 5-m-high split benches will be mined using a combination of smaller mobile equipment and the main pit production equipment fleet depending upon three general field conditions as shown in Table 3-13. Based upon a review of proposed bench elevations and ore layer geometry and thicknesses, the small equipment fleet will be utilised to mine thinner ore layers. It is assumed that the smaller equipment fleet will be utilised to mine 10% of the ore and waste.

The smaller mine equipment fleet will include the following.

- Two Sandvik DP800 drills – This drill is a self-propelled, crawler-based top hammer drill equipped with a climate-controlled operators cabin, dust collector and a rod changer. It is designed to drill 76 to 127 mm (3 to 5-1/2 in.) vertical, inclined or horizontal holes.

- One Caterpillar 345D diesel hydraulic excavator - The 345D is a crawler-mounted excavator equipped with a nominal 1.8-m<sup>3</sup> bucket.
- Two Caterpillar D9T bulldozers – They will be equipped with a single shank ripper, and nominal 13.5-m<sup>3</sup> capacity blade and blade tilt cylinder.

<b>Table 3-13</b> <b>Flexible Mining Approach</b>
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**Field Condition**
**General Approach**

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. The ore layer is generally horizontal and ore control allows it to be mined as a 10-m-high bench or a 5-m-high split bench.</li> <li>2. The ore layer is generally horizontal within a 5-m-high split bench. Reduce dilution.</li> <li>3. The ore layer dips and angles within a 5-m-high split bench. Ore control requires the selective mining of ore and waste.</li> </ol> | <p>Ore is drilled off using the main blasthole drills. The blasted ore is excavated using the main loading and haulage equipment. It is assumed that approximately 90% of the ore and waste will be mined using this approach.</p> <p>The local bench elevation is adjusted and the 5-m-split bench is mined using the main loading and haulage equipment; or smaller track-mounted drills are used to drill off the waste or ore. The blasted waste or ore is removed using a bulldozer or excavator to a nearby location, where it is rehandled by the main loading and haulage equipment.</p> <p>Smaller track-mounted drills are used to drill off the waste or ore. The blasted material is removed using a smaller hydraulic excavator and bulldozers and stockpiled nearby for reclaim by the main loading and haulage equipment.</p> |
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(f) Life-of-Mine Plan

The life-of-mine production plan for both the underground and open-pit mining operations is presented in Table 3-14.



**Table 3-14**  
**Dornod Life-of-Mine Production Schedule**

Year	Source	Underground		Open Pit		Total Mined		Mill Feed	
		Ore Mined (Tonnes)	Grade (% U3O8)	Ore	U3O8	Ore	U3O8	Ore	U3O8
				Tonnes	%	Tonnes	%	Tonnes	%
-2	UG	2,000	0.062			2,000	0.062		
-1	UG	97,000	0.181			97,000	0.181		
1	UG	755,000	0.230			755,000	0.230	854,000	0.224
2	UG	1,228,000	0.234			1,228,000	0.234	1,225,000	0.234
3	UG	1,226,000	0.183			1,226,000	0.183	1,225,000	0.183
4	UG	1,226,000	0.208			1,226,000	0.208	1,225,000	0.208
5	UG	1,226,000	0.166			1,226,000	0.166	1,225,000	0.166
6	UG	1,229,000	0.136			1,229,000	0.136	1,225,000	0.136
7	UG	1,225,000	0.115			1,225,000	0.115	1,225,000	0.115
8	UG	1,225,000	0.149			1,225,000	0.149	1,225,000	0.149
9	UG & Pit	1,195,000	0.167	26,000	0.068	1,221,000	0.164	1,225,000	0.164
10	Pit-Ph-1			1,225,000	0.093	1,225,000	0.093	1,225,000	0.093
11	Pit-Ph-1			1,225,000	0.082	1,225,000	0.082	1,225,000	0.082
12	Pit-Ph-1&2			1,225,000	0.075	1,225,000	0.075	1,225,000	0.075
13	Pit-Ph-1,2&3			1,225,000	0.070	1,225,000	0.070	1,225,000	0.070
14	Pit-Ph-2&3			1,225,000	0.058	1,225,000	0.058	1,225,000	0.058
15	Pit-Ph-3			1,225,000	0.066	1,225,000	0.066	1,225,000	0.066
16	Pit-Ph-3			31,000	0.086	31,000	0.086	37,000	0.086
<b>Total</b>		<b>10,634,000</b>	<b>0.174</b>	<b>7,407,000</b>	<b>0.074</b>	<b>18,041,000</b>	<b>0.133</b>	<b>18,041,000</b>	<b>0.133</b>

### Surface Infrastructure

#### (a) Water

The water balance calculated for the DFS indicates that about 179 m<sup>3</sup>/h of process water will be required for the plant. Process water will be reclaimed from the mine and pit, which should be capable of supply up to 60 m<sup>3</sup>/h of water once dewatering is complete. Currently, there is approximately 1.56 Mm<sup>3</sup> of water available in the flooded pit as per last survey performed on-site (Oyu Survey LLC, 2008). An allocation for the drilling of a well at the plant site has been made.

#### (b) Power

Khan has been informed by both the Aimag Business Development Manager and the Power Plant Manager that the power plant in Choibalsan has been refurbished to consistently produce over 30 MW and spare capacity presently exists within the system to meet Project needs. This will be enhanced once the system is connected to the Mongolian national grid. Power (16 MW) will be brought to the site via an overhead power line currently being constructed by Khan for mine dewatering.

## Mineral Processing and Metallurgical Testing

The Dornod claims area contains several known ore deposits. This DFS provides for the mining and processing of Nos. 2 and 7 Deposits. Due to its higher grade, the No. 7 Deposit will be developed first. This is expected to take up to about 9.8 years. After about 9 years, it will become difficult to extract 3500 t/d from the No. 7 Deposit. At this time, the tonnage will be replaced with lower grade No. 2 Deposit ore.

The No. 7 orebody, after dewatering the mine, will be accessed via a new ramp to be sunk adjacent to the richest part of the deposit. The existing No. 3 shaft will become the primary ventilation shaft. The No. 2 Deposit will be developed as an open-pit mine.

A milling rate of 3500 t/d is planned. In Years 1 to 9, treating only No. 7, the ore head grade will be typically 0.2%  $U_3O_8$  for Years 1 to 4 and 0.1 in Years 5 to 7. After Year 9, once No. 2 ore is added to the mix, grade will gradually decrease until it reaches average grade for No. 2 ore only after about Year 10 of 0.08%  $U_3O_8$ , dropping to 0.07 in Years 11 and 12 and to 0.06 through the end of mine life at Year 16.

The No. 7 Deposit has proven to be refractory. This is presumed to be as a result of the presence of brannerite, a uranium titanate mineral, due to the ore's high in-situ carbonate content and because the uranium minerals are very fine and are closely associated with gangue particles. These effects result in high acid consumption if acceptable recoveries are to be achieved. The difficulty experienced in the leaching seems to vary throughout the deposit. Although the uranium mineralization has been found to exist as very small and intergrown crystals, it has not been necessary to grind the ore to very fine particle size. It is, however, necessary that a significant amount of silica in the ore be dissolved, in order to liberate the uranium. The presence of this dissolved silica causes a gel to form, making the ore difficult to settle or filter. To overcome these problems, a Resin in Pulp (RIP) method of removing the uranium from the ore has been selected to recover the dissolved uranium.

An average leach recovery of 88% has been achieved in testwork to date on the No. 7 Deposit ore. This recovery, with a precipitation yield of 96%, is used in the financial analysis.

The No. 2 Deposit is free milling and, based on the Russian experience, a leach recovery of 93% has been assumed for this ore. This assumption needs to be confirmed in the laboratory. Reagent consumptions for this material also need to be confirmed at the detailed engineering stage.

The No. 7 ore will be brought to surface through a new ramp in 50-t trucks and dumped into a communal dump hopper. A bypass is provided to stockpile ore should the dump hopper be full. This stockpiled material, along with ore from the No. 2 Deposit surface stockpile, will be fed back to the feed hopper using a front-end loader.

After about 10 years of the mine life, the No. 2 Deposit ore will be transported to the stockpile or the dump hopper using 140-t ore trucks.

The dump hopper is provided with a 300-mm grizzly. The grizzly oversize will be crushed to –300 mm in an open-circuit jaw crusher. This crusher is able to handle the larger ore from the No. 2 orebody pit.

The –300-mm material will be fed to an open-circuit 20-ft-diameter by 12-ft-long (6.1 m by 3.7 m) semi-autogenous grinding (SAG) mill. This will produce an 80% passing 2-mm feed to a 16-ft-diameter by 21-ft-long closed-circuit ball mill. The SAG mill will be equipped with a 2200-kW motor, while the ball mill will be powered with a 1750-kW motor. The grinding circuit will produce 80% passing 75 micron material.

Testwork has indicated that the ore is relatively hard and will produce a critical size which will not break down in the SAG mill. For this reason, a 4-ft pebble crusher has been included in the design. This will crush oversize material scavenged from the SAG mill discharge trommel.

The milled material, before acidification, settles well and will be thickened to a density of 50% solids in a high-rate 7-m-dia thickener. In order to save on acid costs, a portion of the thickener underflow material will be further dewatered on a 10-disk vacuum disk filter. This dewatered material will be mixed with unfiltered thickener underflow and repulped to produce a 58% solids feed stream to feed the leach section.

Some of the residual heat in the leach discharge stream will be used to preheat the leach tank feed. The lowering of the leach discharge pulp temperature is required to protect the integrity of the ion exchange resin in the uranium recovery section.

A conventional sulphuric acid leach section has been designed to treat the two ores. After thickening and preheating, the pulp will be leached in a series of 18 pachuca tanks. A residence time of 42 hours was used in the design. The free acid in the leach section will be maintained at about 25 g/L and the pulp will be heated to 80°C. This will be done by the injection of live steam produced in the acid plant. Oxygen, produced in a dedicated oxygen plant, will be injected into the leach tanks to maintain the EMF at approximately 480 mV. Each of the tanks will be agitated using a 260-kW agitator.

In order to protect the resin from osmotic shock, after leaching and before the heat exchange, the leached pulp will be partially neutralised to a pH of 2 to 2.5 by the addition of lime.

The dissolved uranium will be removed from the leached pulp by adsorbing the uranium onto anion exchange resin (Purolite A660 or equivalent). The resin and the pulp will flow counter-currently to each other in an eight-stage KEMIX carousel type resin-in-pulp circuit. At the end of the process, the loaded resin will be separated from the pulp stream by screening the pulp on a vibrating screen. The barren pulp will be sent to neutralisation and then to disposal in the tailings dam.

The loaded resin will be washed before being eluted with sulphuric acid in a batch type elution circuit. Provision has been made to periodically wash the stripped resin with a caustic solution to remove any silica that may have adhered to the resin.

Before uranium precipitation from the pregnant liquor, impurities will be removed by adjusting the pH to approximately 3.2. In this way iron, arsenic and sulphates will be removed by the addition of lime and ferric sulphate in an oxidising environment. The resulting solids, mainly gypsum, will be removed on a belt filter. The resulting filtrate will be further clarified by passing it through sand filter clarifiers.

Yellowcake will be precipitated from the clarified solution by the addition of magnesia and hydrogen peroxide to form insoluble uranium oxide. This will be dewatered in a thickener and a centrifuge before being dried in a multi-hearth drier.

Leached pulp from the resin-in-leach (RIL) circuit will be neutralised with lime and treated with ferric sulphate and barium chloride before thickening and sending the material to tailings. This will precipitate heavy metals, radium 226 and arsenic ions into the solid tailing.

An extensive water treatment system has been designed. This system includes neutralisation, clarification and reverse osmosis treatment. All tailings dam return water, underground and open-pit mine water, and surface runoff will report to a surface surge pond before treatment and disposal, or being pumped to the mill process water tank.

Potable water will be produced from open-pit supernatant water by reverse osmosis.

### ***Metallurgical Testwork***

The metallurgical testwork that underpins the DFS design is in three parts:

- (a) Early work conducted by the Russians
- (b) Work in preparation for the PFS that was conducted in 2007 / 2008 and was reported in the PFS
- (c) Additional work that was conducted in 2008 for the DFS.

### **3.1.1 Environmental and Geotechnical Considerations**

#### ***Water Management***

Golder assumes that the open-pit lake will have an available volume of 1.0 Mm<sup>3</sup> of water at start up and will operate as a water storage facility for a period of 7 years before the open-pit prestripping starts in Year 8 under mean annual precipitation conditions.

The main objectives of the water management plan are to collect and manage all water on the site; maximize flow and design for zero discharge to the environment under normal operating conditions.

Three water collection ponds will operate at the site: the RMA Pond; the Water Collection Pond; and the Polishing Pond.

Water from the RMA Pond will be pumped directly to the processing plant. Additional water required for processing will be pumped from the open-pit lake for the first 7 years, and then from the Water Collection Pond after Year 7, when the open pit will be prestripped and mined.

Runoff from adjacent lands, from the surface waste rock dumps, ore stockpiles and overburden stockpiles will be collected in ditches and pumped or directed to either the open-pit lake (first 7 years) or to the RMA or the Water Collection Pond.

#### ***Residue Disposal***

The process will produce several waste streams, as follows.

- (a) Leach residue will be discharged at the end of the RIL section. It will be neutralised and treated with ferric sulphate and barium chloride prior to disposal.
- (b) A gypsum stream that results from the neutralisation, with lime, of residual acid in the eluate pregnant solution. This will contain insoluble metal hydroxide ions.
- (c) A very small intermittent stream of material similar to the described in Item (b) above which originates in the water treatment section.
- (d) Solvent extraction (SX) crud will comprise a small volume of waste from the solvent extraction. It is assumed that, because of the organic content, the SX crud will be disposed of separately from the leach residue.

Prior to disposal, the waste streams will be treated with lime, so that their pH is neutral to slightly basic. In addition to the above process streams, a relatively small volume of ash from coal

burning boilers will also be disposed of in a lined RMA, which will be located in the southwest corner of the land use permit area.

Containment for the residue will be provided partially by the surrounding topography and partially by the construction of three perimeter dams. The dams will be constructed in two or more stages. The first stage (i.e., the Starter Dam Stage) was designed to contain approximately 2 years of residue production.

## **Environmental and Social Impact Assessment**

### **(a) Introduction**

An internationally recognised Environmental and Social Impact Assessment (ESIA) for the Dornod Uranium Mining Project (the Project) was prepared by AATA International, Inc., based in Denver, Colorado, U.S.A.

The ESIA provides: comprehensive information about the key environmental and social characteristics of the Project; data on the current or baseline (predevelopment) environmental and social conditions at the Project site based on recent studies at the site and historical information; evaluations of potential impacts of the Project; and, recommendations for impact mitigation measures. It also includes a comprehensive document, the Environmental and Social Management Program (ESMP), which provides detailed information on the policies, practices and procedures that will be implemented by Khan at the Dornod Project to comply with applicable Mongolian regulatory requirements, as well as, conform to international guidelines and standards, to which Khan is committed.

The ESIA was developed in accordance with good international industry practice (GIIP) including those specifically defined by the Performance Standards on Social and Environmental Sustainability of the International Finance Corporation (IFC - a unit of the World Bank) and by the Equator Principles.

The study methodology was comprised of the following activities.

- Obtaining all pertinent historical information on the Project from local and national sources, including mine plans and documents, aerial photography images, government reports and other pertinent documents
- Conducting a review of existing literature and data for the Project area
- Identifying Khan's corporate environmental and social policies and guidelines; Mongolian environmental and social regulations and legislative framework; and, international environmental and social guidelines and standards with which the Project must comply or conform
- Performing field baseline studies to collect Project site-specific data on current environmental and social conditions
- Describing the overall Project with an emphasis on processes that may potentially impact the environmental and social conditions
- Characterising the physical, chemical, biological, and social and radiological components of the environment potentially affected by Project development

- Identifying and ranking environmental and social risks and impacts for each Project component for each phase of the Project
- Developing an environmental and social management program that describes mitigation measures designed to eliminate or minimise environmental and social impacts
- Identifying net Project impacts.

The ESIA report includes an Executive Summary, Introduction, Project Description, Project Alternatives, Regulatory Framework, Description of the Baseline (Existing) Environmental and Social Conditions (including Geology and Mineral Resources), Analysis of Potential Impacts and Mitigation Measures, Waste Management, Occupational Health and Safety, Radiation Protection, Emergency Response and Hazard Prevention, Decommissioning and Reclamation (i.e., Project Closure), and Net Environmental and Social Impacts.

The ESMP has been prepared to satisfy Mongolian laws, international guidelines and standards of environmental and social practice, and standards of industry practice that meet Khan's corporate environmental and social policies.

#### (b) Net Environmental and Social Impacts

The predicted net environmental and social impacts for the Project are based on an impact analysis conducted for the ESIA with the following assumptions.

- Mongolian laws and regulations applicable to the Project will be complied with in the design, construction, operation and closure of the Project;
- Internationally recognised criteria and standards (e.g., IFC Performance Standards, Equator Principles, WHO guidelines, etc.) will be adopted in the design, construction, operation and closure phases of the Project; and,
- Proper mitigation measures, employing GIIP as defined by the IFC, will be implemented during all phases of the Project.

Many adverse effects that could occur from the Project will be eliminated or minimised by proper design, maintenance, management, and mitigation measures. The net environmental and social analysis assumes that the environmental and social management, monitoring, and reclamation measures will be implemented as discussed in both the ESIA and ESMP.

A table summarising the potential net environmental and social impacts is presented. Net impacts were calculated based on worst-case impact scenarios (i.e., gross impacts), minus the effects of all proposed prevention and mitigation measures.

This analysis indicates that implementation of the environmental and social management, mitigation, monitoring, and reclamation measures that have been proposed by Khan will eliminate or minimise the potential negative environmental and social impacts of the Project; and, will provide economic and social benefits to the region.

## EXHIBIT B

### AUDIT COMMITTEE CHARTER

#### 1. General

The Board of Directors (the "Board") of Khan Resources Inc. (the "Company") has established the Audit Committee (the "Committee") to assist in fulfilling the Board's responsibilities. The Committee is a key component in fulfilling the Company's commitment to maintaining a higher standard of corporate responsibility.

The Committee will review the Company's financial reports and its process, internal control systems, the management of financial risks, the external audit and assurance process, and the Company's compliance with legal and regulatory requirements and the Company's own code of business conduct and ethics.

#### 2. Organization

##### 2.1 Membership

The Committee will be comprised of a minimum of three members to be nominated and appointed annually by the Board, all of whom are to be independent directors unless exempted under applicable laws and regulations. A member continues in his/her capacity until a successor is appointed or if the member resigns, is removed, or ceases to be a director of the Company.

Members of the Committee must, in the opinion of the Board, be financially literate and at a minimum be capable of reading and understanding all financial information and understand their respective implications over the short and long term.

##### 2.2 Committee Chair and Secretary

The Board shall nominate and appoint/reappoint the Chair of the Committee annually. The Chair of the Committee must be an independent director of the Company and meet the Company's standards of Independence outlined in Section 4 of the Corporate Governance Guidelines.

The role of Secretary can be filled by the Corporate Secretary or any other person as may be appointed by the Chair of the Committee.

##### 2.3 Meetings

A quorum for any meeting will be two members in attendance. The Committee shall meet quarterly at a minimum and may invite any outside director or member of senior management to attend a meeting as an observer or answer questions that the Committee may have. The proceedings will be minuted.

### 3. Authority

The Board has authorized the Committee, within the parameters of its responsibilities, to seek any required information from any employee or external party, including obtaining outside legal or other professional counsel. The Committee is authorized to set and pay the compensation to those parties. The Committee will hire and monitor the Auditor.

### 4. Duties and Responsibilities

#### 4.1 Financial Reporting

- (a) Audited Annual Financial Statements: The Committee shall review the audited annual and interim financial statements, all related management discussion and analysis ("MD&A"), and earnings press releases for submission to the Board for approval and public disclosure.
- (b) Quarterly Review: The Committee shall review the unaudited quarterly financial statements, the related MD&A, and earnings press releases for submission to the Board for approval and public disclosure.
- (c) Significant Accounting Principles and Disclosure Issues: The Committee shall review with management and the external auditor, significant accounting principles and disclosure issues, including complex or unusual transactions, highly judgmental areas such as reserves or estimates, significant changes to accounting principles, and alternative treatments under Canadian GAAP for material transactions. This shall be undertaken with a view to understanding their impact on the financial statements, and to gaining reasonable assurance that the statements are accurate, complete, do not contain any misrepresentations, and present fairly the Company's financial position and the results of its operations in accordance with Canadian GAAP.
- (d) Compliance: The Committee shall ensure that all of the Company's financial reporting conforms to, and meets or exceeds, the requirements of Canadian GAAP and all applicable laws and regulations.
- (e) Legal Events: In the event of any actual or anticipated litigation or other events, including tax assessments, the Committee shall examine what material effect the event may have on the Company's current or future financial statements and the manner in which these details have been disclosed in the financial statements.
- (f) Off-Balance Sheet Transactions: The Committee shall review any off-balance sheet transactions, arrangements, obligations, and other relationships with unconsolidated entities or other persons, and examine how that may have a material current or future effect on the Company's financial position.
- (g) Procedural Review: The Committee shall satisfy itself that adequate procedures are in place for the review of the Company's public disclosure of financial information and periodically assess the adequacy of those procedures.



## 4.2 Internal Controls

- (a) Review and Assessment: The Committee shall periodically review the effectiveness of the Company's system of internal control and management information systems through discussions with management and the external auditor. Based on that review the Committee will advise the Board of the adequacy of these controls and make recommendations for alterations to these controls when deemed necessary.
- (b) Fraud: The Committee shall oversee any investigations of alleged fraud and illegality relating to the Company's finances.
- (c) Complaints: The Committee shall ensure appropriate systems are in place for the receipt, retention, and treatment of internal and external complaints in an anonymous and confidential manner by the Company regarding accounting, internal accounting controls, or auditing matters.
- (d) Hiring from the Auditor: The Committee shall review and approve the Company's hiring policies regarding current or former partners and employees of the current or former external auditor.

## 4.3 External Audit

- (a) Auditor Reporting: The external auditor will report directly to the Committee.
- (b) Auditor Performance: The Committee shall review the terms of the external auditor's engagement, accountability, experience, qualifications, independence, and overall performance.
- (c) Auditor Appointment or Replacement: The Committee shall appoint or replace the auditor based on the Committee's evaluation and conclusions of the auditor's performance and adequacy and set its compensation. The Committee shall advise the Board of the decision.
- (d) Audit Plan: The Committee shall review the audit plan and scope of the external audit with the external auditor and management, and consider whether the nature and scope of the planned audit procedures can be relied upon to detect weaknesses in internal controls, frauds or other illegal acts. The Committee shall make adjustments as needed.
- (e) Audit Results: The Committee shall review, in the absence of management, the results of the annual external audit, the audit report thereon and the auditor's review of the related MD&A, and discuss with the external auditor the quality (not just the acceptability) of accounting principles used, any alternative treatments of financial information that have been discussed with management, the ramifications of their use and the auditor's preferred treatment, and any other material communications with management.
- (f) Actions to be Taken: The Committee shall ensure that significant findings and recommendations by the external auditors are received and discussed on a timely basis. The Committee shall ensure that management responds to these findings and recommendations.

- (g) Disparity and Disagreements: The Committee shall ensure the resolution of any disagreements between management and the external auditor or incongruity between expectations and results regarding financial reporting.
- (h) Interim Financial Statements: The Committee may engage the external auditor to review all interim financial statements. The Committee shall review the results of the auditor's review of the interim financial statements and MD&A.
- (i) Meeting with External Auditor: The Committee shall meet with the external auditor in the absence of management at least annually to discuss and review specific issues as appropriate as well as any significant matters that the auditor may wish to bring to the Committee for its consideration.
- (j) Correspondence Review: The Committee shall review with management and the external auditor any correspondence with regulators or governmental agencies, employee complaints or published reports that raise material issues regarding the Company's financial statements or accounting policies.
- (k) Non-Audit/Audit Services: The Committee must pre-approve any non-audit services to be provided to the Company or its subsidiaries by the external auditor, with reference to compatibility of the service with the external auditor's independence as prescribed by OSC regulations.
- (l) Other Audit Matters: The Committee shall review any other matters related to the external audit that are to be communicated to the Committee under generally accepted auditing standards.

#### 4.4 Risk Management

The Committee shall undertake an annual review the Company's risk management policies and procedures. The Committee oversees the implementation of these systems and determines their adequacy in mitigating and managing risks.

#### 4.5 Compliance

- (a) General: The Committee shall monitor the Company's compliance with all applicable laws and regulations. The Committee will review any investigations, reports, examinations or other instructions from regulatory authorities.
- (b) Filings: The Committee ensures timeliness and accuracy of the Company's filings with regulatory authorities.
- (c) Code of Business Conduct and Ethics: The Committee shall confirm that the Company, its employees, and its operations follow the Company's own Code of Business Conduct and Ethics and that adequate and effective systems are in place to enforce compliance.
- (d) Discussion with Management: The Committee will meet privately with management at least quarterly to discuss any areas of concern to the Committee or management.

#### 4.6 Reporting Responsibilities

- (a) Adequacy of Charter: The Committee shall assess the continued adequacy of the Committee Charter annually and submit such amendments as the Committee sees fit to the Nominating and Corporate Governance Committee.
- (b) Disclosure: The Committee shall oversee appropriate disclosure of the Committee's Charter, and other information required to be disclosed by applicable legislation, in the Company's Annual Information Form and all other applicable disclosure documents.
- (c) Reporting to the Board: The Committee shall report regularly to the Board on Committee activities, findings and recommendations. The Committee is responsible for ensuring that the Board is aware of, and understands, any matter that may have a significant impact on the financial condition or affairs of the Company. The Committee shall submit its recommendations with respect to any such matter to the Board.