

ALMADEN MINERALS LTD  
Form 20-F  
May 13, 2004

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

**FORM 20-F**

REGISTRATION STATEMENT PURSUANT TO SECTION 12(b) OR (g) OF THE SECURITIES  
EXCHANGE ACT OF 1934

OR

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF  
1934

**For the fiscal year ended December 31, 2003**

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT  
OF 1934

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

**Commission file number 0-28528**

**ALMADEN MINERALS LTD.**

(Exact name of Registrant as specified in its charter)

**British Columbia, Canada**

(Jurisdiction of incorporation or organization)

**750 West Pender Street, #1103, Vancouver, British Columbia V6C 2T8**

(Address of principal executive offices)

Securities registered or to be registered pursuant to Section 12(b) of the Act.

Title of each class

Name of each exchange on which registered

**None**

**N/A**

Securities registered or to be registered pursuant to Section 12(g) of the Act.

**Common Stock without par value**

(Title of Class)

Securities for which there is a reporting obligation pursuant to Section 15(d) of the Act.

**None**

Indicate the number of outstanding shares of each of the issuer's classes of capital or common stock as of the close of the period covered by the annual report.

27,627,079

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 12 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

(X) Yes ( ) No

Indicate by check mark which financial statement item the registrant has elected to follow.

(X) Item 17 ( ) Item 18

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### Glossary of Geologic and Mining Terms

**Adularia:** A colourless, moderate to low-temperature variety of orthoclase feldspar typically with a relatively high barium content. It is a prominent constituent of low sulphidation epithermal veins.

**Alkalic Intrusive:** An igneous rock emplaced below ground level in which the feldspar is dominantly sodic and or potassic.

**Alkalinity:** The chemical nature of solutions characterized by a high concentration of hydroxyl ions.

**Andesite:** A dark-coloured, fine-grained extrusive rock that, when porphyritic, contains phenocrysts composed primarily of zoned sodic plagioclase (esp. andesine) and one or more of the mafic minerals (eg. Biotite, horn-blende, pyroxene), with a ground-mass composed generally of the same minerals as the phenocrysts; the extrusive equivalent of *diorite*. Andesite grades into *latite* with increasing alkali feldspar content, and into *dacite* with more alkali feldspar and quartz. It was named by Buch in 1826 from the Andes Mountains, South America.

**Anomalous:** A geological feature, often subsurface, distinguished by geological, geochemical or geophysical means, which is detectably different than the general surroundings and is often of potential economic value.

**Anomaly:** Any concentration of metal noticeably above or below the average background concentration.

**Argillic:** A form of alteration characterised by the alteration of original minerals to clays.

**Arsenopyrite:** A sulphide of arsenic and iron with the chemical composition FeAsS.

**Assay:** An analysis to determine the presence, absence or quantity of one or more components.

**Axis:** An imaginary hinge line about which the fold limbs are bent. The axis of a fold can be at the top or bottom of the fold, can be tilted or horizontal.

**Batholith:** An intrusion, usually granitic, which has a large exposed surface area and no observable bottom. Usually associated with orogenic belts.

**Breccia:** Rock consisting of more or less angular fragments in a matrix of finer-grained material or cementing material.

**Brecciated:** Rock broken up by geological forces.

**Bulk sample:** A very large sample, the kind of sample to take from broken rock or of gravels and sands when testing placer deposits.

**Calc-silicate:** Calcium-bearing silicate minerals. These minerals are commonly formed as a result of the interaction of molten rock and its derived, hot hydrothermal fluids with very chemically reactive calcium carbonate (limestone). Calc-silicate minerals include garnet, pyroxene, amphibole and epidote. These minerals are commonly described as skarn and are genetically and spatially associated with a wide range of metals

**Chert:** A very fine grained siliceous rock. Many limestones contain nodules and thin lenses of chert.

**Chip sample:** A sample composed of discontinuous chips taken along a surface across a given line.

**Claim:** That portion of public mineral lands, which a party has staked or marked out in accordance with provincial or state mining laws, to acquire the right to explore for the minerals under the surface.

**Clastic:** Consisting of rock material that has been mechanically derived, transported, and deposited. Such material is also called detrital.

**Cleavage:** The tendency of a crystal to split, or break, along planes of structural weakness.

**Columnar Jointing:** A pattern of jointing that breaks rock into rough, six-sided columns. Such jointing is characteristic of basaltic flows and sills and is believed to result from shrinkage during cooling.

**Concordant Bodies:** Intrusive igneous bodies whose contacts are parallel to the bedding of the intruded rock.

**Conglomerate:** Rock composed of mostly rounded fragments which are of gravel size or larger in a finer grained matrix.

**Craton:** A central stable region common to nearly all continents and composed chiefly of highly metamorphosed Precambrian rocks.

**Crystalline:** Means the specimen is made up of one or more groups of crystals.

**Cut-off grade:** The minimum grade of mineralization used to establish quantitative and qualitative estimates of total mineralization.

**Dacite:** A fine grained acid volcanic rock, similar to rhyolite in which the feldspar is predominantly plagioclase.

**Degradation:** The ongoing process of erosion in a stream.

**Diabase:** Igneous hypabyssal rocks. The name is applied differently in different parts of the world leading to considerable confusion.

**Diagenesis:** The changes that occur in a sediment during and after lithification. These changes include compaction, cementation, replacement, and recrystallization.

**Diamond drill:** A type of rotary drill in which the cutting is done by abrasion using diamonds embedded in a matrix rather than by percussion. The drill cuts a core of rock which is recovered in long cylindrical sections.

**Dilution:** Results from the mixing in of unwanted gangue or waste rock with the ore during mining.

**Dip:** Geological measurement of the angle of maximum slope of planar elements in rocks. Can be applied to beddings, jointing, fault planes, etc.

**Discordant Bodies:** Intrusive igneous bodies whose contacts cut across the bedding, or other pre-existing structures, to the intruded rock.

**Disseminated deposit:** Deposit in which the mineralization is scattered through a large volume of host rock, sometimes as separate mineral grains, or sometimes along joint or fault surfaces.

**Dolomite:** A magnesium bearing limestone usually containing at least 15% magnesium carbonate.

**Dunite:** An intrusive, monomineralic, ultramafic rock composed almost completely of magnesian olivine.

**Dyke:** A tabular, discordant, intrusive igneous body.

**Ejecta:** Pyroclastic material thrown out or ejected by a volcano. It includes ash, volcanic bombs, and lapilli.



**Epithermal:** Epithermal deposits are a class of ore deposits that form generally less than 1 km from surface. These deposits, which can host economic quantities of gold, silver, copper, lead and zinc are formed as a result of the

precipitation of ore minerals from up-welling hydrothermal fluids. There are several classes of epithermal deposits that are defined on the basis of fluid chemistry and resulting alteration and ore mineralogy. Fluid chemistry is largely controlled by the proximity to igneous intrusive rocks and as a result igneous fluid content.

**Extrusive Rock:** Igneous rock that has solidified on the earth's surface from volcanic action.

**Fault:** (a) A fracture or fracture zone along which there has been displacement of the sides relative to one another parallel to the fracture. (b) A break in the continuity of a body of rock.

**Feasibility study:** Detailed study to determine if a property can be mined at a profit and the best way to mine it.

**Feldspar:** A group of aluminum silicate minerals closely related in chemical composition and physical properties. There are two major chemical varieties of feldspar: the potassium aluminum, or potash, feldspars and the sodium-calcium-aluminum, or plagioclase, feldspars. The feldspars possess a tetrahedral framework of silicon and oxygen, with the partial substitution of aluminum for the silicon. They make up about 60 percent of the earth's crust.

**Felsic:** Light coloured silicate minerals, mainly quartz and feldspar, or an igneous rock comprised largely of felsic minerals (granite, rhyolite).

**Fluid inclusion:** A cavity, with or without negative crystal faces, containing one or two fluid phases, and possibly one or more minute crystals, in a host crystal. If two fluid phases are present, the vapour phase (bubble) may show Brownian motion.

**Folds:** Are flexures in bedded or layered rocks. They are formed when forces are applied gradually to rocks over a long period of time.

**Fracture:** Breaks in a rock, usually due to intensive folding or faulting.

**Gabbro:** A group of dark-colored, basic intrusive igneous rocks composed principally of basic plagioclase (commonly labradorite or bytownite) and clinopyroxene (augite), with or without olivine and orthopyroxene; also, any

member of that group. It is the approximate intrusive equivalent of basalt. Apatite and magnetite or ilmenite are common accessory minerals.

**Gambusino:**

Small miners working without machinery.

**Gangue:** Term used to describe worthless minerals or rock waste mixed in with the valuable minerals.

**Geochemical Anomaly:** An area of elevated values of a particular element in soil or rock samples collected during the preliminary reconnaissance search for locating favourable metal concentrations that could indicate the presence of surface or drill targets.

**Geochemistry:** The study of the chemistry of rocks, minerals, and mineral deposits.

**Geophysics:** The study of the physical properties of rocks, minerals, and mineral deposits.

**Gneiss:** A coarse grained metamorphic rock characterized by alternating bands of unlike minerals, commonly light bands of quartz and feldspar and dark bands of mica and hornblende.

**Gossan:** The leached and oxidised near surface part of a sulphide mineral deposit, usually consisting largely of hydrated iron oxides left after copper and other minerals have been removed by downward leaching.

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**Grade:** The concentration of each ore metal in a rock sample, usually given as weight percent. Where extremely low concentrations are involved, the concentration may be given in grams per tonne (g/t) or ounces per ton (oz/t). The grade of an ore deposit is calculated, often using sophisticated statistical procedures, as an average of the grades of a very large number of samples collected from throughout the deposit.

**Granite:** A coarse grained, plutonic igneous rock that is normally pale pink, pale pink-brown, or pale grey, and composed of quartz, alkali feldspar, micas and accessory minerals.

**Grid:** A network composed of two sets of uniformly spaced parallel lines, usually intersecting at right angles and forming squares, superimposed on a map, chart, or aerial photograph, to permit identification of ground locations by means of a system or coordinates and to facilitate computation of direction and distance and size of geologic, geochemical or geophysical features.

**Hanging wall and Footwall:** Terms used in reference to faults where when mining along a fault, your feet would be in the footwall side of the fault and the other side would be "hanging" over your head.

**Hectare:** A square of 100 metres on each side.

**Host rock:** The rock within which the ore deposit occurs.

**Hydrothermal:** Of or pertaining to hot water, to the action of hot water, or to the products of this action, such as a mineral deposit precipitated from a hot aqueous solution; also, said of the solution itself. "Hydrothermal" is generally used for any hot water, but has been restricted by some to water of magmatic origin.

**Igneous:** Means a rock formed by the cooling of molten silicate material.

**Ignimbrite:** The rock formed by the widespread deposition and consolidation of ash flows and nuees ardentes. The term includes *welded tuff* and nonwelded but recrystallized ash flows.

**Indicated Mineral Resource:** An 'Indicated Mineral Resource' is 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 testing information gathered through appropriate techniques from locations such as out-crops, trenches, pits, workings and drill holes that are spaced closely enough for geological and grade continuity to be reasonably assumed.

**Induced polarization (I.P.) method:** The method used to measure various electrical responses to the passage of alternating currents of different frequencies through near-surface rocks or to the passage of pulses of electricity.

**Inferred Mineral Resource:** An 'Inferred Mineral Resource' is 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.

**Intermediate:** An igneous rock made up of both felsic and mafic minerals (diorite).

**Intrusion:** General term for a body of igneous rock formed below the surface.

**Intrusive Rock:** Any igneous rock solidified from magma beneath the earth's surface.

**Joint venture agreement:** An agreement where the parties agree to the terms on which a property will be explored, developed, and mined.

**Kimberlite:** A kimberlite is a pipe-like volcano sourced from deep within the earth under extreme temperatures and

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pressures. It is the host rock for diamonds and diamond indicator minerals such as kimberlitic ilmenites and garnets.

**K-silicate:** Potassium-bearing silicates. Potassium silicates are very common rock-forming minerals, however they are also formed by the interaction of hydrothermal fluids derived from the cooling intrusive rocks that are genetically and spatially associated with porphyry and epithermal deposits. Potassium feldspar (orthoclase) and potassium mica (biotite) are both commonly closely associated with copper-molybdenum ore in porphyry copper deposits.

**K-spar:** Potassium feldspar.

**Lamprophyre:** A group of dike rocks in which dark minerals occur both as phenocrysts and in the groundmass and light minerals occur in the groundmass. Essential constituents are biotite, hornblende, pyroxene, and feldspar or

feldspathoids. Most lamprophyres are highly altered. They are commonly associated with *carbonatites*.

**Lava:** Means an igneous rock formed by the cooling of molten silicate material which escapes to the earth's surface or pours out onto the sea floor.

**Limestone:** Sedimentary rock that is composed mostly of carbonates, the two most common of which are calcium and magnesium carbonates.

**Lithosphere:** The crust and upper mantle, located above the asthenosphere and composing the rigid plates.

**Mafic:** A term used to describe ferromagnesian minerals. Rocks composed mainly of ferromagnesian minerals are correctly termed melanocratic.

**Mafic:** A general term used to describe ferromagnesian minerals.

**Magma:** Naturally occurring molten rock material, generated within the earth and capable of intrusion and extrusion, from which igneous rocks have been derived through solidification and related processes. It may or may not contain suspended solids (such as crystals and rock fragments) and/or gas phases.

**Massive:** Implies large mass. Applied in the context of hand specimens of, for example, sulphide ores, it usually means the specimen is composed essentially of sulphides with few, if any, other constituents.

**Measured Mineral Resource:** A 'Measured Mineral Resource' is that part of a Mineral Resource for which quantity, grade or quality, densities, shape, 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.

**Metamorphic:** Means any rock which is altered within the earth's crust by the effects of heat and/or pressure and/or chemical reactions.

**Metamorphic:** Pertaining to the process of metamorphism or to its results.

**Metasediment:** A sediment or sedimentary rock that shows evidence of having been subjected to metamorphism.

**Metavolcanic:** An informal term for volcanic rocks that show evidence of having been subject to metamorphism.

**Mineral claim:** A legal entitlement to minerals in a certain defined area of ground.

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**Mineral Deposit or Mineralized Material:** A mineralized underground body which has been intersected by sufficient closely spaced drill holes and or underground sampling to support sufficient tonnage and average grade of metal(s) to warrant further exploration-development work. This deposit does not qualify as a commercially mineable ore body

(Reserves), as prescribed under Commission standards, until a final and comprehensive economic, technical, and legal feasibility study based upon the test results is concluded

**Mineral:** A naturally occurring, inorganic, solid element or compound that possesses an orderly internal arrangement of atoms and a unique set of physical and chemical properties.

**Mineral Resource:** A Mineral Resource is 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.

**Mineral Reserve:** A Mineral Reserve is the economically mineable part of a Measured or Indicated Mineral Resource demonstrated by at least a Preliminary 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 diluting materials and allowances for losses that may occur when the material is mined.

**Mineralization:** Usually implies minerals of value occurring in rocks.

**Monocline:** A structure in which a bed exhibits local steepening of otherwise uniform dip.

**Net profits interest:** The profits after deduction of expenses. Often a form of royalty.

**Net smelter returns:** Means the amount actually paid to the mine or mill owner from the sale of ore, minerals and other materials or concentrates mined and removed from mineral properties. A royalty based on net smelter returns provides cash flow that is free of any operating or capital costs and environmental liabilities.

**Option agreement:** An agreement where the optionee can exercise certain options to increase our interest in a property by making periodic payments to the optionor or by exploring, developing or producing from the optionor's property.

**Ore:** A natural aggregate of one or more minerals which may be mined and sold at a profit, or from which some part may be profitably separated.

**Ore reserve:** The measured quantity and grade of all or part of a mineralized body in a mine or undeveloped mineral deposit for which the mineralization is sufficiently defined and measured on three sides to form the basis of at least a preliminary mine production plan for economically viable mining.

**Orogeny:** The process of forming mountains by folding and thrusting.

**Outcrop:** An in situ exposure of bedrock.

**Overburden:** A general term for any material covering or obscuring rocks from view.

**oz/t or opt:** Ounces per ton.

**Paleozoic:** An era of geologic time, from the end of the Precambrian to the beginning of the Mesozoic, or from about 570 to about 225 million years ago.

**Peridotite:** A coarse grained ultramafic rock commonly consisting of olivine and pyroxenes.

**Phenocrysts:** An unusually large crystal in a relatively finer grained matrix.

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**Phonolite:** Any extrusive rock composed of alkali feldspar, mafic minerals and any feldspathoid, such as nepheline, leucite, or sodalite.

**Pluton:** Term for an igneous intrusion, usually formed from a magma.

**Porphyry:** An igneous rock composed of larger crystals set within a finer ground mass.

**Probable Mineral Reserve:** A 'Probable Mineral Reserve' is the economically mineable part of an Indicated, and in some circumstances a Measured Mineral Resource demonstrated by at least a Preliminary 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.

**Proven Mineral Reserve:** A 'Proven Mineral Reserve' is the economically mineable part of a Measured Mineral Resource demonstrated by at least a Preliminary 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 is justified.

**Pyroclastic rock:** A rock of volcanic origin consisting of highly variable mixture of rock fragments, cinders and ashes and bits of crystals and glass.



**Pyroclastic Rock:** Fragmental rock material resulting from explosive volcanic eruptions. Such material is literally deposited from the air and includes volcanic bombs, blocks, tuff, cinders, ash, and pumice.

**Pyroxenites:** Ultramafic plutonic rock chiefly composed of pyroxene, with accessory hornblende, biotite, or olivine.

**Rare Earth:** A group of rare metallic chemical elements with consecutive atomic numbers of 57 to 71.

**Reclamation bond:** Usually required when mechanized work is contemplated. Used to reclaim any workings or put right any damage, if your reclamation does not satisfy the requirements of the regulations.

**Reserve:** That part of a mineral deposit which could be economically extracted or produced at the time of the reserve determination.

**Reserves:** A natural aggregate of one or more minerals which, at a specified time and place, may be mined and sold at a profit, or from which some part may be profitably separated.

**Reverse circulation drill:** A rotary percussion drill in which the drilling mud and cuttings return to the surface through the drill pipe.

**Rhyolite:** The fine grained equivalent of a granite.

**Royalty interest:** A royalty interest is tied to some production unit such as tonne of concentrate or ounce of gold or silver produced. A common form of royalty interest is based on the net smelter return.

**Sample:** Small amount of material that is supposed to be absolutely typical or representative of the object being sampled.

**Sandstone:** Composed of sand-sized fragments cemented together. As a rule the fragments contain a high percentage of quartz.

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**Schist:** A strongly foliated crystalline rock, formed by dynamic metamorphism, that has well-developed parallelism of more than 50% of the minerals present, particularly those of lamellar or elongate prismatic habit, e.g. mica and hornblende.

**Sedimentary:** A rock formed from cemented or compacted sediments.

**Sediments:** Are composed of the debris resulting from the weathering and breakup of other rocks that have been deposited by or carried to the oceans by rivers, or left over from glacial erosion or sometimes from wind action.

**Sericite:** A fine-grained variety of mica occurring in small scales, especially in schists.

**Shale:** An argillaceous rock consisting of silt or clay-sized particles cemented together. Most shales are quite soft, because they contain large amounts of clay minerals.

**Shear zone:** Where a fault affects a width of rock rather than being a single clean break, the width of affected rock is referred to as the shear zone. The term implies movement, i.e. shearing.

**Silicate:** Most rocks are made up of a small number of silicate minerals ranging from quartz ( $\text{SiO}_2$ ) to more complex minerals such as orthoclase feldspar ( $\text{KAlSi}_3\text{O}_8$ ) or hornblende ( $\text{Ca}_2\text{Na}(\text{Mg,Fe})_4(\text{Al,Fe,Ti})\text{Si}_8\text{O}_{22}(\text{OH})_2$ ).

**Sill:** Tabular intrusion which is sandwiched between layers in the host rock.

**Skarn:** A thermally altered impure limestone in which material has been added to the original rock. Skarns are generally characterized by the presence of calcium and silica rich minerals. Many skarns contain sulphide minerals which in some cases can be of economic value.

**Sonic drill:** A drill used to penetrate soft sediments where the drill advance by means of slow rotations and sonic vibrations. Samples of very soft material can be collected with this system.

**Stock:** An igneous intrusive body of unknown depth with a surface exposure of less than 104 square kilometers. The sides, or contacts, of a stock, like those of a batholith, are usually steep and broaden with depth.

**Stockwork:** A mineral deposit consisting of a three-dimensional network of closely spaced planar or irregular veinlets.

**Strike:** The bearing, or magnetic compass direction, of an imaginary line formed by the intersection of a horizontal plane with any planar surface, most commonly with bedding planes or foliation planes in rocks.

**Sulphide minerals:** A mineral compound characterized by the linkage of sulfur with a metal or semimetal; e.g., galena.

**Syncline:** A fold in which the bed has been forced down in the middle or up on the sides to form a trough.

**Tailings:** Material rejected from a mill after recoverable valuable minerals have been extracted.

**Tailings pond:** A pond where tailings are disposed of.

**Tourmaline:** A group of minerals of general formula  $(\text{Na,Ca})(\text{Mg,Fe}^{+2},\text{Fe}^{+3},\text{Al,Li})_3\text{Al}_6(\text{BO}_3)_3\text{Si}_6\text{O}_{18}(\text{OH})_4$ ; it sometimes contains fluorine in small amounts. Also, any mineral of the tourmaline group. Tourmaline occurs in 3-, 6-, or 9-sided prisms, usually vertically striated, or in compact or columnar masses; it is commonly found as an accessory mineral in granitic pegmatites, and is widely distributed in acid igneous rocks and in metamorphic rocks. It can be indicative of alteration associated with porphyry style mineralization.

**Tremolite:** A white to dark-gray monoclinic mineral of the amphibole group:  $\text{Ca}_2\text{Mg}_5\text{Si}_8\text{O}_{22}(\text{OH})_2$ . It occurs in long blade-shaped or short stout prismatic crystals, and also in columnar or fibrous masses, esp. in metamorphic rocks such as

crystalline dolomitic limestone and talc schist. It is a constituent of much commercial talc. alteration - usually referring to chemical reactions in a rock mass resulting from the passage of hydrothermal fluids.

**Tuff :** A finer grained pyroclastic rock made up mostly of ash and other fine grained volcanic material.

**Veins:** The mineral deposits that are found filling openings in rocks created by faults or replacing rocks on either side of faults.

**Waste:** Rock which is not ore. Usually referred to that rock which has to be removed during the normal course of mining in order to get at the ore.

### **Notes Concerning Terminology Related to Resources and Reserves**

The terms "mineral resource", "measured mineral resource", "indicated mineral resource", "inferred mineral resource", "mineral reserve", "probable mineral reserve" and "proven mineral reserve" used in this Annual Report are Canadian mining terms as defined in accordance with National Instrument 43-101, Standards of Disclosure for Mineral Projects under the guidelines set out in the Canadian Institute of Mining, Metallurgy and Petroleum (the "CIM") Standards on Mineral Resources and Mineral Reserves, adopted by the CIM Council on August 20, 2000 as may be amended from time to time by the CIM. In accordance with Industry Guide 7, Description of Property by Issuers Engaged or to be Engaged in Significant Mining Operations, issued by the U. S. Securities and Exchange Commission, resource is termed "mineralization" or "mineral deposit".

### **Cautionary Note to U.S. Investors concerning estimates of Measured and Indicated Resources**

This Annual Report uses the terms "measured" and "indicated resources." We advise U.S. investors that while such terms are recognized and permitted under Canadian regulations, the U.S. Securities and Exchange Commission does not recognize them. U.S. investors are cautioned not to assume that any part or all of the mineral deposits in these categories will ever be converted into reserves.

### **Cautionary Note to U.S. Investors concerning estimates of Inferred Resources**

This Annual Report uses the terms "inferred resources." We advise U.S. investors that while such term is recognized and permitted under Canadian regulations, the U.S. Securities and Exchange Commission does not recognize it. "Inferred resources" have a great amount of uncertainty as to their existence, and great uncertainty as to their economic and legal feasibility. It cannot be assumed that all or any part of an inferred mineral resource will ever be upgraded to a higher category. Under Canadian rules estimates of inferred mineral resources may not form the basis of feasibility or other economic studies. U.S. investors are cautioned not to assume that any part or all of an inferred resource exists, or is economically or legally minable.

### **Glossary of Abbreviations**

**Ag:** Silver

**Au:** Gold

**Ba:** Barium

**Co:** Cobalt

**Cu:** Copper

**EIS:** Environmental Impact Statement

**Fe:** Iron

**gpm:** gallons per minute

**gpt:** grams per tonne

**g/t:** grams per tonne

**IP:** Induced Polarization geophysical survey

**Ni:** Nickel

**NSR:** net smelter return royalty

**Oz:** Troy ounce

**Pb:** Lead

**Pd:** Palladium

**PGM:** Platinum group minerals

**ppb:** Parts per billion

**ppm:** Parts per million

**Pt:** Platinum

**S:** Sulphur

**tpd:** Tonnes per day

**ton:** Short ton (2,000 pounds)

**tonne:** Metric ton (1000 kilograms - 2204.62 pounds)

**VLF:** Very low frequency electromagnetic geophysical survey

**VMS:** Volcanogenic massive sulphide

## PART I

On August 1, 2001, Fairfield Minerals Ltd. ("Fairfield") and Almaden Resources Corporation ("Resources") entered into an Amalgamation Agreement providing for the amalgamation of the two companies and continuation as one company under the name "Almaden Minerals Ltd." It was the view of the Boards of Directors of Fairfield and Resources that the amalgamation of the two companies would create an entity which will be able to attract more senior financing and would also result in administrative savings by the consolidation of the operations.

Final determination of the basis for the share exchange ratio for the shareholders of the two companies in the amalgamated company was determined upon completion of a Valuation Report and a Fairness Opinion on the proposed amalgamation conducted by two independent evaluators retained by the companies. The basis for the share exchange was determined to be 1 common share of Almaden Minerals Ltd. for every one share of Fairfield held and 0.77 common shares of Almaden Minerals Ltd. for every one common share of Resources held.

Ontario Securities Commission Rule 61-501 and Toronto Stock Exchange policies required majority of minority approval. Accordingly, the amalgamation also required the approval of a majority of the shares voted on the Special Resolution excluding, in the Fairfield meeting, the shares held by Resources, its insiders, associates and affiliates, and in the Resources meeting, the shares held by Fairfield, its insiders, associates and affiliates. On December 20, 2001, both companies held a Meeting of Members at which time members of each of the amalgamating companies were asked to consider, and if thought advisable, adopt a Special Resolution to approve the amalgamation. The Special

Resolution was approved.

The amalgamation was further subject to the approval of the Supreme Court of British Columbia. The Order of the Supreme Court of British Columbia was dated December 28, 2001, which Order included a hearing and determination that the issuance and exchange of securities was fair.

The terms of the Articles and Memorandum of the amalgamated company was approved by the Registrar of Companies on September 28, 2001. Essentially, under the provision of the *Company Act* pursuant to which the amalgamation proceeded all matters of substance were accomplished by December 31, 2001. The application for the Certificate of Amalgamation was filed with the Registrar of Companies but its issuance was requested held in order to permit co-ordination with the listing of the shares of Almaden Minerals Ltd. on the Toronto Stock Exchange and to avoid any extended trading of Fairfield on the Toronto Stock Exchange and Resources on the Canadian Venture Exchange.

The Company was advised in late January, early February 2002 that the Toronto Stock Exchange had accepted the application for the listing of the shares of Almaden Minerals Ltd. On February 1, 2002, the Registrar of Companies issued the Certificate of Amalgamation.

Based on the chronology of these events, the Company has determined that for accounting and taxation purposes the amalgamation is effective December 31, 2001.

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**Item 1. Identity of Directors, Senior Management and Advisors**

Not applicable

**Item 2. Offer Statistics and Expected Timetable**

Not applicable

**Item 3. Key Information**

The amalgamation of Almaden Resources Corporation and Fairfield Minerals Ltd. was completed effective December 31, 2001. The Consolidated Balance Sheets as at December 31, 2001 include the assets of Almaden Resources Corporation at their carrying value and the assets of Fairfield Minerals Ltd. at fair value. The Consolidated Statements of Loss and Deficit for the years ended December 31, 2001 and 2000 report the results of activities of Almaden Resources Corporation.

The following selected financial data of the Company for Fiscal 2003, Fiscal 2002 and Fiscal 2001 ended December 31st was derived from the financial statements of the Company which have been audited by Deloitte & Touche LLP, independent Chartered Accountants, as indicated in their report which is included elsewhere in this Annual Report. The selected financial data set forth for Fiscal 2000 and Fiscal 1999 ended December 31st are derived from the Company's audited consolidated financial statements, not included herein. The selected financial data should be read in conjunction with the consolidated financial statements and other information included elsewhere in the Annual Report.

Reference is made to Note 17 of the audited consolidated financial statements of the Company included herein for a discussion of the material differences between Canadian generally accepted accounting principles ("Canadian GAAP") and United States generally accepted accounting principles ("U.S. GAAP"), and their effect on the Company's financial statements.

**Table No. 1****Selected Financial Data**

(expressed in thousands of Canadian dollars, except per share data)

|                               | <b>Year<br/>Ended<br/>12/31/2003</b> | <b>Year<br/>Ended<br/>12/31/2002</b> | <b>Year<br/>Ended<br/>12/31/2001</b> | <b>Year<br/>Ended<br/>12/31/2000</b> | <b>Year<br/>Ended<br/>12/31/1999</b> |
|-------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| <b><u>Canadian GAAP</u></b>   |                                      |                                      |                                      |                                      |                                      |
| Revenues                      | \$110                                | \$123                                | \$ 31                                | \$ 73                                | \$ 83                                |
| Net loss                      | (1,326)                              | (3,198)                              | (650)                                | (2,795)                              | (436)                                |
| Loss per common share         | (0.06)                               | (0.16)                               | (0.05)                               | (0.22)                               | (0.04)                               |
| Weighted average shares (000) | 23,379                               | 19,524                               | 13,412                               | 12,758                               | 10,891                               |



|                 |        |       |       |       |       |
|-----------------|--------|-------|-------|-------|-------|
| Working capital | 5,101  | 1,522 | 860   | 1,082 | 1,294 |
| Properties      | 4,198  | 3,338 | 4,786 | 3,150 | 4,898 |
| Net assets      | 9,854  | 5,181 | 5,839 | 4,705 | 7,045 |
| Total assets    | 10,342 | 5,636 | 6,297 | 4,780 | 7,116 |

**U.S. GAAP**

|                                    |         |         |        |        |        |
|------------------------------------|---------|---------|--------|--------|--------|
| Net loss for period <sup>(1)</sup> | (2,001) | (2,410) | (738)  | (689)  | (675)  |
| Loss per common share              | (0.09)  | (0.13)  | (0.05) | (0.05) | (0.06) |
| Weighted average shares (000)      | 23,379  | 19,524  | 13,412 | 12,758 | 10,891 |
| Properties                         | 2,840   | 2,654   | 3,471  | 1,923  | 1,565  |
| Net assets                         | 9,395   | 4,728   | 4,586  | 3,540  | 3,712  |
| Total assets                       | 9,883   | 5,133   | 5,044  | 3,615  | 3,783  |
| Capital stock (000)                | 21,477  | 17,389  | 15,011 | 13,227 | 12,772 |

<sup>(1)</sup>Cumulative U.S. GAAP deficit since inception of the exploration stage to 12/31/2003 has been \$14,897,111.

***Canadian/U.S. Dollar Exchange Rates***

In this Annual Report, unless otherwise specified, all dollar amounts are expressed in Canadian dollars (CDN\$). The Government of Canada permits a floating exchange rate to determine the value of the Canadian dollar against the U.S. dollar (US\$).

Table No. 2 sets forth the exchange rate for the Canadian dollars at the end of the five most recent fiscal periods ended

at December 31<sup>st</sup>, the average rates for the period, the range of high and low rates and the close for the period. Table No. 3 sets forth the range of high and low rates for each month during the previous six months.

For purposes of this table, the rate of exchange means the noon buying rate in New York City for cable transfers in foreign currencies as certified for customs purposes by the Federal Reserve Bank of New York. The table sets forth the number of Canadian Dollars required under that formula to buy one U.S. Dollar. The average rate means the average of the exchange rates on the last day of each month during the period.

**Table No. 2**

**U.S. Dollar/Canadian Dollar Exchange Rates for Five Most Recent Financial Years**

|                              | <b>Average</b> | <b>High</b> | <b>Low</b> | <b>Close</b> |
|------------------------------|----------------|-------------|------------|--------------|
| Fiscal Year Ended 12/31/2003 | \$1.39         | \$1.58      | \$1.29     | \$1.29       |
| Fiscal Year Ended 12/31/2002 | 1.57           | 1.61        | 1.51       | 1.58         |
| Fiscal Year Ended 12/31/2001 | 1.55           | 1.60        | 1.49       | 1.59         |
| Fiscal Year Ended 12/31/2000 | 1.50           | 1.56        | 1.44       | 1.50         |
| Fiscal Year Ended 12/31/1999 | 1.49           | 1.53        | 1.44       | 1.44         |

**Table No. 3**

**U.S. Dollar/Canadian Dollar Exchange Rates for Previous Six Months**

|      | <b>November</b> | <b>December</b> | <b>January</b> | <b>February</b> | <b>March</b> | <b>April</b> |
|------|-----------------|-----------------|----------------|-----------------|--------------|--------------|
| High | \$1.34          | \$1.34          | \$1.33         | \$1.34          | \$1.35       | \$1.37       |
| Low  | 1.30            | 1.25            | 1.27           | 1.31            | 1.31         | 1.31         |

**The exchange rate was 1.37 on April 30, 2004**

***Risk Factors***

## **General Risk Factors Attendant to Resource Exploration and Development**

Resource exploration and development is a speculative business, characterized by a number of significant risks including, among other things, unprofitable efforts resulting not only from the failure to discover mineral deposits but from finding mineral deposits which, though present, are insufficient in quantity and quality to return a profit from production. The marketability of minerals acquired or discovered by the Company may be affected by numerous factors which are beyond the control of the Company and which cannot be accurately predicted, such as market fluctuations, the proximity and capacity of milling facilities, mineral markets and processing equipment, and such other factors as government regulations, including regulations relating to royalties, allowable production, importing and exporting of minerals, and environment protection, the combination of which factors may result in the Company not receiving an adequate return on investment capital.

Presently, the Company is in the exploration stage and there is no assurance that a commercially viable ore deposit (a reserve) exists in any of its properties or prospects until further exploration work is done and a comprehensive economic evaluation based upon that work is concluded. The Company retains an inventory of gold from previous production by its predecessor ("Fairfield") from the Siwash mine on the Elk property. The gold was mined in 1994 and shipped to the smelter in 1996. The gold produced was retained as inventory by Fairfield. Both the Company and its predecessor have financed their operations principally through the sale of equity securities and entering into joint venture arrangements, and in Fairfield's case, the sale of its inventory of gold. While the Company believes it has sufficient capital and liquidity to finance current operations, nevertheless, its ability to continue operations is dependent on the ability of the Company to obtain additional financing.

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## **Exploration and Development Efforts May Be Unsuccessful**

There is no certainty that the expenditures to be made by the Company in the exploration of its properties and prospects as described herein will result in discoveries of mineralized material in commercial quantities. Most exploration projects do not result in the discovery of commercially mineable ore deposits and no assurance can be given that any particular level of recovery of ore reserves will in fact be realized or that any identified mineral deposit will ever qualify as a commercially mineable (or viable) ore body which can be legally and economically exploited. Estimates of reserves, mineral deposits and production costs can also be affected by such factors as environmental permitting regulations and requirements, weather, environmental factors, unforeseen technical difficulties, unusual or unexpected geological formations and work interruptions. In addition, the grade of ore ultimately mined may differ from that indicated by drilling results. Short term factors relating to ore reserves, such as the need for orderly development of ore bodies or the processing of new or different grades, may also have an adverse effect on mining operations and on the results of operations. There can be no assurance that minerals recovered in small-scale tests will be duplicated in large-scale tests under on-site conditions or in production scale. Material changes in ore reserves, grades, stripping ratios or recovery rates may affect the economic viability of any project.

### **Uncertainty of Obtaining Additional Funding Requirements**

If the Company's exploration programs are successful, additional capital will be required for the development of an economic ore body and to place it in commercial production. The only sources of future funds presently available to the Company are the sale of its inventory or gold, sale of equity capital or the offering by the Company of an interest in its properties and prospects to be earned by another party or parties carrying out further development thereof.

Although the Company presently has sufficient financial resources to undertake all of its currently planned exploration programs through Fiscal 2004 and has been successful in the past in obtaining financing through the sale of equity securities, there is no assurance that it will be able to obtain adequate financing in the future or that such financing will be favorable. Failure to obtain additional financing on a timely basis could cause the Company to forfeit its interest in such properties, dilute its interests in the properties and/or reduce or terminate its operations.

### **Lack of Cash Flow**

The Company currently has no revenues from operations as all of its properties and prospects are in the exploration stage. There is no assurance that the Company will receive revenues from operations at any time in the near future.

The Company has had no prior year's history of earnings or cash flow other than the NSR royalty from the La Trinidad Mine. Neither the Company nor its predecessor have paid dividends on their shares since incorporation and the Company does not anticipate doing so in the foreseeable future. Historically, the only source of funds available to the Company was through the sale of its equity shares and entering into joint venture agreements. The only source of funds available to the Company's predecessor was through the sale of its inventory of gold, the sale of its equity shares and entering into joint venture agreements. Any future additional equity financing would cause dilution to current stockholders.

### **Mineral Prices May Not Support Corporate Profit**

The mining industry in general is intensely competitive and there is no assurance that, even if commercial quantities of mineral resources are developed, a profitable market will exist for the sale of same. Factors beyond the control of the Company may affect the marketability of any substances discovered. The price of minerals is volatile over short periods of time, and is affected by numerous factors beyond the control of the Company, including international economic and political trends, expectations of inflation, currency exchange fluctuations, interest rates and global or regional consumption patterns, speculative activities and increased production due to improved mining techniques.

### **Environmental Regulations**

The current and anticipated future operations of the Company, including development activities and commencement of production on its properties, require permits from various federal, territorial and local governmental authorities and such operations are and will be governed by laws and regulations governing prospecting, development, mining, production, exports, taxes, labor standards, occupational health, waste disposal, toxic substances, land use, environmental protection, mine safety and other matters. Companies engaged in the development and operation of mines and related facilities generally experience increased costs, and delays in production and other schedules as a result of the need to comply with applicable laws, regulations and permits. The Company's exploration activities and its potential mining and processing operations are subject to various laws governing land use, the protection of the environment, prospecting, development, production, exports, taxes, labor standards, occupational health, waste disposal, toxic substances, mine safety and other matters. Such operations and exploration activities are also subject

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to substantial regulation under these laws by governmental agencies and may require that the Company obtain permits from various governmental agencies. The Company believes it is in substantial compliance with all material laws and regulations which currently apply to its activities. There can be no assurance, however, that all permits which the Company may require for construction of mining facilities and conduct of mining operations will be obtainable on reasonable terms or that such laws and regulations, or that new legislation or modifications to existing legislation, would not have an adverse effect on any exploration or mining project which the Company might undertake.

Failure to comply with applicable laws, regulations and permitting requirements may result in enforcement actions thereunder, including orders issued by regulatory or judicial authorities causing operations to cease or be curtailed, and may include corrective measures requiring capital expenditures, installation of additional equipment or remedial actions. Parties engaged in mining operations may be required to compensate those suffering loss or damage by reason of the mining activities and may have civil or criminal fines or penalties imposed for violation of applicable laws or regulations.

Amendments to current laws, regulations and permits governing operations and activities of mining companies, or more stringent implementation thereof, could have a material adverse impact on the Company and cause increases in capital expenditures or production costs or reduction in levels of production at producing properties or require abandonment or delays in development of new mining properties.

To the best of the Company's knowledge, the Company is operating in compliance with all applicable environmental regulations.

#### **No Guarantee of Clear Title to Mineral Properties**

While the Company and its predecessor have investigated title to all of its mineral properties and prospects, and, to the best of its knowledge, title to all of its properties and properties in which it has the right to acquire or earn an interest are in good standing as of the date of this Annual Report, this should not be construed as a guarantee of title. The properties and prospects may be subject to prior unregistered agreements or transfers and title may be affected by undetected defects.

As there are unresolved native land claim issues in British Columbia and the Yukon Territory, the Company's properties and prospects in these jurisdictions may be affected in the future. The MOR prospect is on category B lands which means the local native group has surface rights to the area of the claims and their permission is required to perform work on the claims.

### **Possible Dilution to Present and Prospective Shareholders**

The Company's plan of operation, in part, contemplates the accomplishment of business negotiations by the issuance of cash, securities of the Company, or a combination of the two, and possibly, incurring debt. Any transaction involving the issuance of previously authorized but unissued shares of common stock, or securities convertible into common stock, would result in dilution, possibly substantial, to present and prospective holders of common stock.

The Company usually seeks joint venture partners to fund exploration projects. This dilutes the Company's interest in properties it has acquired. This dilution of interest in properties is done to spread or minimize the risk and to expose the Company to more exploration plays but means that any profit that might result from a possible discovery would be shared with the joint venture partner. There is no guarantee that the Company can find a joint venture partner for any property.

### **Lack of Trading Volume**

The lack of trading volume of the Company's shares reduces the liquidity of an investment in the Company's shares.

### **Volatility of Share Price**

Market prices for shares of early stage companies are often volatile. Factors such as announcements of mineral discoveries, financial results, and other factors could have a significant effect on the price of the Company's shares.

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### **Risks Associated with Penny Stock Classification**

The Company's stock is subject to "penny stock" rules as defined in 1934 Securities and Exchange Act rule 3a51-1. The Commission has adopted rules that regulate broker-dealer practices in connection with transactions in penny stocks. The Company's common shares are subject to these penny stock rules. Transaction costs associated with purchases and sales of penny stocks are likely to be higher than those for other securities. Penny stocks generally are equity securities with a price of less than U.S. \$5.00 (other than securities registered on certain national securities exchanges or quoted on the NASDAQ system, provided that current price and volume information with respect to transactions in such securities is provided by the exchange or system).

The penny stock rules require a broker-dealer, prior to a transaction in a penny stock not otherwise exempt from the rules, to deliver a standardized risk disclosure document that provides information about penny stocks and the nature and level of risks in the penny stock market. The broker-dealer also must provide the customer with current bid and offer quotations for the penny stock, the compensation of the broker-dealer and its salesperson in the transaction, and monthly account statements showing the market value of each penny stock held in the customer's account. The bid and offer quotations, and the broker-dealer and salesperson compensation information, must be given to the customer

orally or in writing prior to effecting the transaction and must be given to the customer in writing before or with the customer's confirmation.

In addition, the penny stock rules require that prior to a transaction in a penny stock not otherwise exempt from such rules, the broker-dealer must make a special written determination that the penny stock is a suitable investment for the purchaser and receive the purchaser's written agreement to the transaction. These disclosure requirements may have the effect of reducing the level of trading activity in the secondary market for the Company's common shares in the United States and shareholders may find it more difficult to sell their shares.

### **Material Risk of Dilution Presented by Large Number of Outstanding Share Purchase Options and Warrants**

As of April 30, 2004 there were share purchase options outstanding allowing the holders of these options to purchase 3,040,783 shares of common stock and share purchase warrants outstanding allowing the holders to purchase 2,184,105 shares of common stock. Directors and officers of the Company hold 2,798,783 of these share purchase options. An additional 242,000 share purchase options are held by employees and consultants of the Company. Directors of the Company also hold 77,000 of the share purchase warrants. Given the fact that as of April 30, 2004 there were 30,137,517 shares of common stock outstanding, the exercise of all of the existing share purchase options and warrants would result in further dilution to the existing shareholders.

These shares may be issued and could depress the price of the Company's shares.

### **History of Net Losses**

Both the Company and its predecessor ("Fairfield") had net losses in a number of years since their dates of incorporation - 9/25/1980 for the Company and 10/23/1984 for Fairfield. Due to the nature of the Company's business, there can be no assurance that the Company will be profitable. The Company had net losses of \$1,326,305 in Fiscal 2003, \$3,198,025 in Fiscal 2002 and \$650,095 in Fiscal 2001. Fairfield had net losses of \$218,636 in Fiscal 2001 (ending January 31<sup>st</sup>).

The cumulative net loss of the Company as at December 31, 2003 was \$13,696,201.

### **No Proven Reserves**

The properties and prospects in which the Company has an interest or the concessions in which the Company has the right to earn an interest are in the exploratory stage only and are without a known body of ore in commercial production.

### **Uncertainty of Reserves and Mineralization Estimates**

There are numerous uncertainties inherent in estimating proven and probable reserves and mineralization, including many factors beyond the control of the Company. The estimation of reserves and mineralization is a subjective process and the accuracy of any such estimates is a function of the quality of available data and of engineering and geological interpretation and judgement. Results of drilling, metallurgical testing and production and the evaluation of mine plans subsequent to the date of any estimate may justify revision of such estimates. No assurances can be

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given that the volume and grade of reserves recovered and rates of production will not be less than anticipated. Assumptions about prices are subject to greater uncertainty and metals prices have fluctuated widely in the past. Declines in the market price of base or precious metals also may render reserves or mineralization containing relatively lower grades of ore uneconomic to exploit. Changes in operating and capital costs and other factors including, but not limiting to, short-term operating factors such as the need for sequential development of ore bodies and the processing of new or different ore grades, may materially and adversely affect reserves.

### **Foreign Incorporation and Civil Liabilities**

The Company amalgamated under the laws of the Province of British Columbia, Canada. All of the Company's directors and officers are residents of Canada and substantially all of the Company's assets and its subsidiary are located outside the United States. Consequently, it may be difficult for United States investors to effect service of process in the United States upon those directors and officers who are not residents of the United States, or to realize in the United States upon judgements of United States courts predicated upon civil liabilities under the United States Securities Exchange Act of 1934, as amended.

### **Conflict of Interest**

Some of the Company's directors and officers are directors and officers of other natural resource or mining-related companies. These associations may give rise to conflict of interest from time to time. As a result of these conflicts of interest, the Company may miss the opportunity to participate in certain transactions, which may have a material, adverse effect on its financial position.

### **Foreign Operations**

The Company's foreign activities are subject to the risk normally associated with conducting business in foreign countries, including exchange controls and currency fluctuations, limitations on repatriation of earnings, foreign taxation, laws or policies of particular countries, labor practices and disputes, and uncertain political and economic environments, as well as risks of war and civil disturbances, or other risk that could cause exploration or development difficulties or stoppages, restrict the movement of funds or result in the deprivation or loss of contract rights or the



taking of property by nationalization or expropriation without fair compensation. Foreign operations could also be adversely impacted by laws and policies of the United States affecting foreign trade, investment and taxation. The Company currently has exploration projects located in Mexico.

### **Foreign Currency Fluctuations**

At the present time, some of the Company's activities are carried on outside of Canada. Accordingly, it is subject to risks associated with fluctuations of the rate of exchange between the Canadian dollar and foreign currencies.

The Company is currently not engaged in currency hedging to offset any risk of exchange rate fluctuation and currently has no plans to engage in currency hedging.

### **Operating Hazards and Risks Associated with the Mining Industry**

Mining operations generally involve a high degree of risk, which even a combination of experience, knowledge and careful evaluation may not be able to overcome. Hazards such as unusual or unexpected formations and other conditions are involved. Operations in which the Company has a direct or indirect interest will be subject to all the hazards and risks normally incidental to exploration, development and production of precious and base metals, any of which could result in work stoppages, damage to or destruction of mines and other producing facilities, damage to life and property, environmental damage and possible legal liability for any or all damage. The Company may become subject to liability for cave-ins and other hazards for which it cannot insure or against which it may elect not to insure where premium costs are disproportionate to the Company's perception of the relevant risks. The payment of such insurance premiums and of such liabilities would reduce the funds available for exploration activities.

### **The Ability to Manage Growth**

Should the Company be successful in its efforts to develop its mineral properties or to raise capital for other mining ventures it will experience significant growth in operations. If this occurs management anticipates that additional expansion will be required in order to continue development. Any expansion of the Company's business would place further demands on its management, operational capacity and financial resources. The Company anticipates that it will need to recruit qualified personnel in all areas of its operations. There can be no assurance that the Company

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will be effective in attracting and retaining additional qualified personnel, expanding its operational capacity or otherwise managing growth. The failure to manage growth effectively could have a material adverse effect on the Company's business, financial condition and results of operations.

### **Lack of a Dividend Policy**

The Company does not presently intend to pay cash dividends in the foreseeable future, as any earnings are expected to be retained for use in developing and expanding its business. However, the actual amount of dividends received from the Company will remain subject to the discretion of the Company's Board of Directors and will depend on results of operations, cash requirements and future prospects of the Company and other factors.

### **Competition**

There is competition from other mining exploration companies with operations similar to those of the Company's. Many of the mining companies with which the Company competes have operations and financial strength many times that of the Company. Commodity prices fluctuate and there is no guarantee that market prices at any one time will be higher than production costs.

### **Dependence on Key Personnel**

The Company strongly depends on the business and technical expertise of its management and key personnel, namely Duane Poliquin and Morgan Poliquin. There is little possibility that this dependence will decrease in the near term. As the Company's operations expand, additional general management resources will be required, especially since the Company encounters risks that are inherent in doing business in several countries. The Company carries no life insurance on its management and key personnel.

### **Item 4. Information on the Company**

The head office of the Company is located at 750 West Pender Street, Suite 1103, Vancouver, British Columbia, Canada, V6C 2T8. The registered and records office of the Company is 1185 West Georgia Street, Suite 1550, Vancouver, British Columbia, Canada, V6E 4E6.

The contact persons are Duane Poliquin, President and Morgan Poliquin, Director. The telephone number is (604) 689-7644. The fax number is (604) 689-7645. The email address is [info@almadenminerals.com](mailto:info@almadenminerals.com). The web-site address is [www.almadenminerals.com](http://www.almadenminerals.com).

James E. McInnes is Chair of the independent directors. The telephone number is (604) 662-4480. The fax number is (604) 685-0553. The email address is [jmcinnes@telus.net](mailto:jmcinnes@telus.net).

On August 1, 2001, Fairfield Minerals Ltd. ("Fairfield") and Almaden Resources Corporation ("Resources") entered into an Amalgamation Agreement providing for the amalgamation of the two companies and continuation as one company under the name "Almaden Minerals Ltd." It was the view of the Boards of Directors of Fairfield and Resources that the amalgamation of the two companies would create an entity which will be able to attract more senior financing and would also result in administrative savings by the consolidation of the operations.

Final determination of the basis for the share exchange ratio for the shareholders of the two companies in the amalgamated company was determined upon completion of a Valuation Report and a Fairness Opinion on the proposed amalgamation conducted by two independent evaluators retained by the companies. The basis for the share exchange was determined to be 1 common share of Almaden Minerals Ltd. for every one share of Fairfield held and 0.77 common shares of Almaden Minerals Ltd. for every one common share of Resources held.

Ontario Securities Commission Rule 61-501 and Toronto Stock Exchange policies required majority of minority approval. Accordingly, the amalgamation also required the approval of a majority of the shares voted on the Special Resolution excluding, in the Fairfield meeting, the shares held by Resources, its insiders, associates and affiliates, and in the Resources meeting, the shares held by Fairfield, its insiders, associates and affiliates. On December 20, 2001, both companies held a Meeting of Members at which time members of each of the amalgamating companies were asked to consider, and if thought advisable, adopt a Special Resolution to approve the amalgamation. The Special Resolution was approved.

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The amalgamation was further subject to the approval of the Supreme Court of British Columbia. The Order of the Supreme Court of British Columbia was dated December 28, 2001, which Order included a hearing and determination that the issuance and exchange of securities was fair.

The terms of the Articles and Memorandum of the amalgamated company were approved by the Registrar of Companies on September 28, 2001. Essentially, under the provision of the *Company Act* pursuant to which the amalgamation proceeded all matters of substance were accomplished by December 31, 2001. The application for the Certificate of Amalgamation was filed with the Registrar of Companies but its issuance was requested held in order to permit co-ordination with the listing of the shares of Almaden Minerals Ltd. on the Toronto Stock Exchange and to avoid any extended trading of Fairfield on the Toronto Stock Exchange and Resources on the Canadian Venture Exchange.

The Company was advised in late January, early February 2002 that the Toronto Stock Exchange had accepted the application for the listing of the shares of Almaden Minerals Ltd. On February 1, 2002, the Registrar of Companies

issued the Certificate of Amalgamation.

Based on the chronology of these events, the Company has determined that for accounting and taxation purposes the amalgamation is effective December 31, 2001.

The Company was amalgamated in British Columbia and operates under the laws of the Province of British Columbia, Canada.

The Company's common shares began trading on The Toronto Stock Exchange ("TSX") under the symbol "AMM" on February 11, 2002. Almaden Resources Corporation's initial public offering on the Vancouver Stock Exchange was pursuant to a prospectus dated October 10, 1986. The shares of Fairfield Minerals Ltd. began trading on the Vancouver Stock Exchange on July 18, 1986 and on The Toronto Stock Exchange on May 21, 1990.

The Company currently has five wholly-owned subsidiaries that were formed to hold properties in their respective jurisdictions-refer to Exhibit 8.

The Company owns a 40% share interest in ATW Resources Ltd. ("ATW"), a company incorporated in the Northwest Territories, Canada on January 6, 1993.

The Company is engaged in the acquisition, exploration and when warranted, development of mineral properties. The Company has property interests in Canada and Mexico. None of the Company's property interests are beyond exploration stage. Presently there is no assurance that any of the Company's mining properties or prospects contain a commercially viable ore body (reserve) until further exploration work is done and final feasibility study based upon such work is concluded. The Company is in the exploration stage and has not generated any revenues from operations.

The Company has seven principal property interests: (1) the Elk gold, silver property which includes the Siwash Gold deposit in Canada (100% interest), (2) the ATW diamond prospect in Canada (net 30% interest), (3) the Caballo Blanco gold, silver, copper prospect in Mexico (option to purchase 100% interest subject to a 60% earn in right by Complex Minerals Corp. and a sliding scale NSR), (4) the Yago/La Sarda gold, silver prospect in Mexico (consists of the Tepic claim (100% interest) and the La Sarda concession (100% interest)), (5) the Galeana gold, silver prospect in Mexico (option to acquire 100% interest subject to a 60% earn in right by Grid Capital Corporation), (6) the El Pulpo copper, gold prospect in Mexico (option to purchase 100% interest subject to a 60% earn in right by Ross River Minerals Inc.) and (7) the Fuego copper, gold prospect in Mexico (100% interest subject to a 60% earn in right by Horseshoe Gold Mining Inc.).

The Company's secondary property interests include the Ram gold prospect in Canada (100% interest subject to a 70% earn in right by Ross River Minerals Inc.), the Rock River Coal project in Canada (50% interest), the PV prospect in Canada (100% interest subject to a 60% earn in right by Consolidated Spire Ventures Ltd.), the MOR, Cabin Lake and Caribou Creek prospects in Canada (100% interest subject to a 60% earn in right by Kobex Resources Ltd.), the Meister River prospect in Canada (100% interest), the Logan property in Canada (40% net carried interest to production), the Tim prospect in Canada (100% interest), the Santa Maria prospect in Mexico (100% interest), the Guadalupe prospect in Mexico (100% interest subject to a 60% earn in right by Grid Capital

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Corporation), the San Carlos prospect in Mexico (consists of the San Carlos concession (100% interest) and the San Jose claim (100% interest subject to a 2% NSR) all subject to a 60% earn in right by Hawkeye Gold and Diamond Ltd.) and the Tropico prospect in Mexico (40% interest).

The Company has several other property holdings in Canada, United States and Mexico that are not considered either principal or secondary properties.

The Company also entered into a joint venture agreement in Fiscal 2002 with BHP Billiton World Exploration Inc. to undertake exploration in eastern Mexico, which is ongoing.

### *Business Overview*

#### **The Elk Property - Canada**

The Elk Property contains a known mineral deposit but all current work by the Company on the property is exploratory in nature.

#### *Option to Acquire Interest*

Initial staking was undertaken in November 1986 with additions in 1987, 1988 and 1989. A block comprising 72 units was optioned in October 1988. The Siwash North mining lease was issued in September 1992. Claim acquisition and subsequent work were conducted by Cordilleran Engineering Ltd. for the Company's predecessor ("Fairfield") until April 1995 when Fairfield assumed operations. Fairfield Minerals merged with Almaden Resources Corporation in February 2002 and the claims were transferred to the amalgamated company Almaden Minerals Ltd.

### ***Expenditures to Date***

Fairfield had incurred more than \$10,000,000 in exploration costs on the property; however with depletion, write-downs and recoveries, the Company had deferred \$1,089,462 of exploration costs as at December 31, 2002.

During Fiscal 2002, the Company entered into an agreement with Wheaton River Minerals Ltd. who, upon providing \$350,000 for exploration, earned a 10% interest in the property which was then converted into 388,889 shares of the Company at a conversion price of \$0.90 per share.

During Fiscal 2003, the Company incurred \$555,234 in exploration costs including a diamond drill program on the property. As at December 31, 2003, the Company had deferred \$1,644,696 of exploration costs on this property.

### ***Location and Access***

The Elk Property consists of 82 contiguous mineral claims comprising 491 units plus a 6 unit mining lease located 40 kilometers west of Peachland, British Columbia in the Similkameen Mining Division. The claims cover forested, gently rolling hills with fair to poor bedrock exposure. The property is accessible by paved highway, 50 kilometers from Westbank, British Columbia, or 50 kilometers from the town of Merritt, British Columbia.

### ***History and Recent Work***

The property includes the Siwash Gold Mine, which, between 1992 and 1997, has produced 51,460 ounces of gold at an average grade of 2.78 oz/t.

Work conducted on the property from 1986 to 1991 consisted of geological mapping, prospecting, linecutting, soil sampling, geophysics, excavator trenching (8.69 km), diamond drilling (111 holes, 12,524 m) and road construction.

During 1992, a bulk sample was extracted from an open pit on the Siwash vein in the Siwash North area. It totalled 2240 tons grading 4.016 ounces/ton gold. A total of 70 reverse circulation holes were drilled to confirm the vein grade and continuity in the 1993 pit expansion area. Open pit mining was carried out by Wiltech Developments of Kelowna,

B.C. under the supervision of Cordilleran Engineering. The ore was shipped to the Noranda smelter in Rouyn, Quebec in November.

In 1993, bulk sampling from the open pit continued with the extraction of 3733 tons of mineralized material grading 3.080 oz/t gold. Wiltech Developments was contracted to carry out the open pit mining under supervision of

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Cordilleran Engineering personnel. Mainstreet Mining of Whitehorse, Yukon was contracted to undertake underground development to provide access for test mining and underground drilling. The 3.5 by 3.0 metre decline was collared at the 1628m elevation in June and reached the 1570m elevation in October. Test mining stopes were excavated at the 1611 and 1570 levels. Ore from the open pit and underground operations was shipped through the summer and fall to the Asarco smelter in Helena Montana. Eleven reverse circulation holes were drilled to the south of the open pit to provide closer spaced data for the planning of the 1994 open pit expansion.

In 1994, Fairfield received a mining permit, the open pit was expanded to a total size of 458,000 cubic metres and 10,119 tons of ore grading 2.669 oz/ton gold were extracted. Ledcor Industries of Vancouver, B.C. was contracted to carry out the open pit excavation under the supervision of Cordilleran Engineering Ltd. The ore was crushed to minus 6 inches and was shipped to the Asarco Smelter in Helena Montana. Fairfield received credits for gold, silver and silica. An underground drill program was carried out at ten to twenty metre centres for a total of 2419 metres in 84 NQ holes to help define underground mineable shoots.

During 1995 underground development was completed to the 1511m elevation and longhole and shrinkage mining tests were carried out with shrinkage proving to be the more applicable method. An underground drill program comprising 217 NQ holes at ten metres centres for a total of 7612 metres was undertaken to fully test the area accessible by the existing underground development. Ninety-eight surface NQ diamond drill holes tested the areas beyond the reach of the decline and other targets on the claim group for a total of 4645m. Including all previous drilling, an area of about 340m by 150m had been tested at a hole spacing of less than 20m.

Surface diamond drilling totaling 6946.34 meters in 88 holes was completed on the Siwash mining lease during 1996. Detailed drilling in the area of the proposed Phase 5.5 open pit at approximately 20 meter centers outlined an open pitable volume of mineralized material of 16,200 ounces of gold in 10,146 tons at a grade of 1.597 oz/t. Five holes were drilled in the Deep B area down dip from the existing underground development and increased the amount of mineralized material in this area to 12,200 tons at a grade of 2.925 oz/t. A new vein, known as the WD zone was outlined by 25 holes over a strike length of 440 meters and added 6000 tons of mineralized material at 3.049 oz/t Au to the property inventory. A soil geochemistry anomaly in the Gold Creek West area was examined with five drill holes and another vein was defined over a strike length of 160 meters with grades up to 0.574 oz/ton of gold over one foot.

Limited prospecting, environmental monitoring and reclamation was done on the property between 1997 and 1999.

During August 2000, Fairfield completed a twelve-hole 1400-metre drill program on the property which targeted three gold bearing quartz vein systems in the Siwash Mine area. Prospecting in a new logging clearcut one kilometre to the east of the mine area has resulted in the discovery of two northeast trending structures coincident with anomalous gold soil values.

All rock and soil samples were sent to Acme Analytical Labs of Vancouver, Canada for assay and analysis. Check samples were sent to Chemex Labs of Vancouver. Environmental water quality samples were sent to ASL Labs of Vancouver.

During 2001, a 230-metre trenching program comprising seven trenches was carried out on the claims in the Siwash East and Gold Creek West areas. The trenches were dug to determine the source of gold bearing quartz fragments found on surface and in road cuts. Six trenches in the Siwash East area, located 1.7 km to the east of the Siwash Mine site, exposed quartz veins up to 20cm thick and narrow pyritic fault zones cutting quartz monzonite adjacent to an andesite dyke. The andesite dyke was traced over 150 metres in four trenches with strong alteration and narrow bands of pyritic gouge containing quartz fragments in the immediate vicinity of the dyke. Trench SE01-4 was dug to a depth of 2.5 metres and exposed a steeply dipping quartz vein about 20cm thick. A 0.5 by 0.5 meter panel sample of the same vein taken in the wall of the trench returned 21.77 gm/t (0.635 oz/ton) gold and 32.9 gm/t (0.96 oz/ton) silver. Adjacent trenches 35 meters to the west and 50 meters east exposed the andesite dyke with a strong alteration zone but no quartz veins and weak gold values.

Trench GCT01-1 was excavated the Gold Creek West area, 400 meters southwest of the mine site, to further expose a quartz vein discovered earlier in the year by hand trenching. Deeper excavation revealed a discontinuous quartz vein approximately 30cm thick over a length of nine meters hosted in strongly argillically altered quartz monzonite

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that shows evidence of slumping and deformation. The vein returned a value of 20.51 gm/t (0.598 oz/ton) gold and 59.6 gm/t (1.74 oz/ton) silver from a 0.8 meter by 0.5 meter panel sample.

A comprehensive review of the property database was completed on August 31, 2001 by Leo King, P.Eng., an independent consultant. His report recommends a three stage 9500 meter drill program to further explore the Siwash, Gold Creek West and WD vein systems.

A trenching program was carried out in the Siwash East area during October of 2001. A total of six trenches with a cumulative length of 202 meters located the source of mineralized quartz float discovered by prospecting. The trenches exposed narrow quartz veins adjacent to an east-west trending andesite dyke with grades of up to 21.7 gm/t Au from a 0.5 by 0.5 meter panel sample.



During the 2002 field season twenty six NQ diamond drill holes tested the WD, B Zone, Gold Creek West and Bullion Creek vein systems for a total of 4996m. Seven holes were drilled into the WD zone to test the perimeter of the known shoot. The WD veins were intersected in all holes close to the projected depths with grades up to 91.22 gm/t Au over a true width of 0.50m. Eleven holes were drilled into the Deep B shoot located immediately below the existing underground development to fill-in the drill spacing to less than 25 meters and to test the perimeter of the known mineralization. Two holes were drilled on the west side of the existing open pit to help determine the feasibility of a pit expansion to the west. The Gold Creek West vein located approximately 450m southwest of the existing open pit was tested with four holes in two 50 meter step-outs to the west of the existing grid. Two holes were drilled into the Bullion Creek structure located 700 meters to the north of the open pit to test a geochemical anomaly.

### ***Geology and Mineral Deposits***

Gold-silver mineralization on the Elk Property is hosted by pyritiferous quartz veins and pyritiferous altered granite and volcanics. The mineralized features generally trend northeasterly and are thought to be Late Cretaceous or Tertiary in age. To date, mineralization has been located in seven areas of the Elk property: Siwash North, South Showing, Discovery Showing, Lake Zone, End Zone, Great Wall Zone, Elusive Creek, Gold Creek West, and the WD Zone.

The most recent estimate of contained mineralized material in the Siwash Mine area was calculated on completion of the 2000 drill program. The areas drilled at a spacing of 10 to 20 metres, which included the area accessible from the existing underground development and the proposed open pit areas, contain approximately 44,500 tons of material at a grade of 1.041 oz/ton Au. The calculations were done using a lower cutoff grade of 17 gm - metres for the underground accessed material and 5 gm - metres for the open pit accessible material. The Siwash mine area drilled at 20 to 50 metre spacing was given a lower confidence limit. A radius of influence of 15 metres was applied to zone intercepts with values greater than 17 gm - metres. The area between adjacent holes that met the cutoff criteria beyond the 15m radius was also included. The wide spaced drilling areas contain an estimated 61,000 tons of material at a grade of 1.430 oz/ton. An upper cutoff of 100gm - metres was applied to both the detailed and wider spaced drilled areas. All contained mineralization calculations were done by Fairfield personnel. An independent calculation was done by Roscoe Postle and Associates in 1995 and by Giroux Consultants Ltd. in 1999. Both independent calculations confirmed or exceeded in house calculations.

### ***Infrastructure***

All major services and labour can be found in Merritt or Westbank, towns accessible by four lane highway to the east and west of the property. There is good road access throughout most of the property by logging roads and a major highway (97C) crosses the northern claims. Two phase power is available at the highway 2km north of the mine site. A gas station, motel and restaurant are located at the highway access on the northern claims. Cell phone and radio phone communications are available from the mine site.

### ***Recent Drilling Results***

During the summer of 2002, a twenty six hole, 5,000 m (meter) diamond drill program was carried out to test the continuity of mineralization at the Siwash gold mine. Siwash Mine presently has an inferred resource of 98,552 ounces gold in 71,300 tons and an indicated resource of 43,410 ounces gold in 44,356 tons for a total of 141,962 ounces gold in 123,142 tons as calculated on completion of the last drill program in 2000. Of the indicated resource, 32,980 tons at a grade of 0.834 ounces of gold per ton for a total of 27,430 ounces was classified as a probable

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reserve in a preliminary feasibility study entitled "Summary of Ore Reserves and Project Economics for the Siwash Gold Mine, Dec.1995", by J. McCormack, P.Eng. The study included information on mining, processing, metallurgical and operating costs that demonstrated, at the time the report was written, economic extraction of the resource was justified. Calculation of an updated resource estimate incorporating the 2002 drill intersections is underway. Several structures were tested in the program, including the WD vein, the Deep B shoot, the Gold Creek West vein and the Bullion Creek structure.

The continuity of the WD vein, located 200 m north of the B vein system, was tested in fifty metre step-outs to the south and east of previous drill perimeter. All holes intersected the vein near the projected depth. Hole 311, the deepest hole drilled on the structure, returned 0.567 oz/t (troy ounces per short ton) gold over a true width interval of 2.15 m indicating good continuity of the structure and mineralization to depth. The WD structure has been traced along strike for a length of 525 m and down dip for 320 m. It remains open to the east, west and down dip.

Two holes were drilled into the Bullion Creek structure, located 700 m north of the B vein, to test a zone of hydrothermal alteration not known previously to be associated with significant gold. Strongly altered granodiorite was intersected in both holes and narrow pyritic quartz veins returned an assay of 0.246 oz/t gold over a true width of 0.50 m. The presence of gold mineralization in Bullion Creek zone establishes good potential for other high-grade shoots and is considered a priority exploration target.

The Gold Creek West vein, 400 m southwest of the mine site, was tested by a total of nine drill holes in 1996 and 2000 and shows continuity of structure and mineralization over a strike length of 190 m. Four holes drilled this season intersected the vein at the projected locations and have extended its continuity a further 100 m to the west. No significant results were returned from the 2002 drilling.

The Deep B shoot on the B vein system is located immediately below the existing mine workings and can be accessed by extending the existing decline approximately 600 m. It contains an inferred resource of 35,600 oz Au in 12,200 tons grading 2.925 oz/t based on the results of the 1996 drilling. The 2002 in fill drilling decreased the drill intersection spacing to approximately 30 m and tested the perimeter of the known shoot.

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All samples were analyzed at Acme Analytical Labs in Vancouver using wet geochemical, fire assay and metallics techniques. Duplicate and blank samples were included in the sample shipments sent to Acme and confirmed procedural quality. Check assays were carried out by ALS Chemex Labs in Vancouver. The qualified person and supervisor of the 2002 exploration drill program was Wojtek Jakubowski, P.Geo.

| Hole<br>Number | From<br>Meters | To<br>Meters | Interval<br>Meters | True<br>Width<br>Meters | Feet | Zone | Gold  |        | Silver |         |
|----------------|----------------|--------------|--------------------|-------------------------|------|------|-------|--------|--------|---------|
|                |                |              |                    |                         |      |      | oz/t  | gm/T   | oz/t   | gm/T    |
| <i>WD Area</i> |                |              |                    |                         |      |      |       |        |        |         |
| SND02310       | 31.13          | 31.65        | 0.52               | 0.50                    | 1.6  | B    | 0.237 | 8.138  | 0.153  | 5.239   |
| SND02311       | 43.90          | 44.40        | 0.50               | 0.50                    | 1.6  | Ba   | 0.571 | 19.588 | 0.295  | 10.111  |
| SND02311       | 269.65         | 276.11       | 6.46               | 4.22                    | 13.8 | WDb  | 0.309 | 10.608 | 1.435  | 49.210  |
| SND02311       | 273.25         | 276.10       | 2.85               | 2.15                    | 7.1  | WDb  | 0.567 | 19.445 | 2.661  | 91.251  |
| SND02312       | 109.43         | 110.08       | 0.65               | 0.50                    | 1.6  | WDb  | 0.651 | 22.333 | 1.149  | 39.398  |
| SND02313       | 163.43         | 164.03       | 0.60               | 0.50                    | 1.6  | WDb  | 1.035 | 35.469 | 1.809  | 62.013  |
| SND02332       | 230.35         | 231.00       | 0.65               | 0.50                    | 1.6  | WDa  | 0.342 | 11.736 | 1.081  | 37.066  |
| SND02334       | 202.64         | 204.77       | 2.13               | 2.00                    | 6.6  | WDa  | 0.646 | 22.135 | 1.335  | 45.768  |
| SND02334       | 203.30         | 203.83       | 0.53               | 0.50                    | 1.6  | WDa  | 2.661 | 91.222 | 5.471  | 187.589 |
| SND02335       | 54.12          | 55.18        | 1.06               | 1.00                    | 3.3  | B    | 0.442 | 15.156 | 0.555  | 19.027  |
| SND02335       | 245.11         | 246.50       | 1.39               | 1.20                    | 3.9  | WDa  | 0.249 | 8.553  | 0.674  | 23.125  |
| SND02335       | 245.11         | 247.80       | 2.69               | 2.40                    | 7.9  | WDa  | 0.378 | 12.956 | 0.861  | 29.532  |
| SND02335       | 247.27         | 247.80       | 0.53               | 0.50                    | 1.6  | WDa  | 1.086 | 37.235 | 1.999  | 68.553  |

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*Deep B Area*

|          |        |        |      |      |     |    |       |        |       |         |
|----------|--------|--------|------|------|-----|----|-------|--------|-------|---------|
| SND02326 | 179.52 | 180.44 | 0.92 | 0.75 | 2.5 | B  | 2.594 | 88.948 | 5.753 | 197.251 |
| SND02327 | 177.15 | 177.68 | 0.53 | 0.50 | 1.6 | B  | 0.299 | 10.236 | 0.000 | 0.000   |
| SND02327 | 199.86 | 201.00 | 1.14 | 1.10 | 3.6 | B  | 0.267 | 9.158  | 0.328 | 11.252  |
| SND02330 | 234.65 | 237.27 | 2.62 | 2.15 | 7.1 | Bc | 0.270 | 9.261  | 0.224 | 7.675   |
| SND02330 | 236.73 | 237.26 | 0.53 | 0.50 | 1.6 | Bc | 1.007 | 34.525 | 0.686 | 23.512  |
| SND02331 | 255.93 | 256.64 | 0.71 | 0.50 | 1.6 | Bb | 0.233 | 7.994  | 0.214 | 7.353   |

*Bullion Creek Area*

|          |       |       |      |      |     |      |       |       |       |        |
|----------|-------|-------|------|------|-----|------|-------|-------|-------|--------|
| SND02315 | 74.95 | 75.60 | 0.65 | 0.50 | 1.6 | Bull | 0.245 | 8.401 | 0.452 | 15.504 |
|----------|-------|-------|------|------|-----|------|-------|-------|-------|--------|

During Fiscal 2002 the Company purchased a mill or concentrating plant for possible use at the Siwash property. The mill capacity is rated at about 125 tons per day. The mill was purchased for US\$75,000 (CDN\$118,500) during Fiscal 2002 that was satisfied as to US\$50,000 by the issue of 122,077 shares of Almaden at a deemed value of CDN\$0.65 per share and a cash payment of US\$25,000. During Fiscal 2003, the mill was dismantled and moved to a storage facility near the property at a cost of \$204,766. There has been no feasibility study to justify construction of the mill nor have permits to construct the mill been applied for. The mill was purchased because it would be suitable for processing the Siwash mineralized material and the price was below replacement cost. This low cost could have an impact on project economics. If studies indicate it would not be feasible to install this mill on the Siwash project, it will be sold. The Company has received an estimate that the mill could be sold for approximately \$380,000.

Thirty NQ diamond drill holes drilled between August 6 and November 1, 2003 tested the WD Zone for a total of 6570.56m.

Seven holes were drilled into the WD vein system to the west of the north-northwest trending RB fault located roughly between 2340E and 2400E. Holes SND03-357 and 359 were targeted to intercept the WD zone on the west side of the RB fault after drilling through it, however the rods bound tightly in the clay altered andesite dyke that inhabits the fault and both holes were abandoned. The WD vein(s) were intersected in both the quartz monzonite and granodiorite in all the remaining holes between sections 2110E and 2370E. A summary of the drill core sample results from all zones intersected in 2003 is listed in the table below. Significant values were also returned from the WD2 zone in holes SND03-348 (1.023 oz/t over a true width of 1.64 ft) and 354 (6.415 oz/t over a true width of 1.64 ft). The WD2 zone is subparallel to the WD and is located about 20 to 30m below.

Twenty five holes were drilled to the east of the RB fault between 2370E and 2670E to extend the known resource. The WD zone(s) were intersected in all holes with the exception of hole SND03-341 which was terminated before the projected intercept depth due to excessive deviation. The known zone was extended to 2670E and to a depth of 340m below surface and 380m down dip. Fill-in drilling on sections 2445E, 2495E and 2545E intersected the WD veins at the expected depth however gold grades were not as high as those found on adjacent fences. Hole SND03-360 intersected an andesite dyke at the projected location of the WD zone and only a narrow vein was encountered there. Visible gold was noted in the WDa vein intersection in hole SND03-355 though sampling returned a value of 0.067 oz/t Au.

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**2003 Drill Intersection Summary**

| Hole | Zone | Section | From m | To m | SG | TW m | TW ft | Au<br>gm/t | Au<br>oz/t | Ag<br>gm/t | Ag<br>oz/t |
|------|------|---------|--------|------|----|------|-------|------------|------------|------------|------------|
|------|------|---------|--------|------|----|------|-------|------------|------------|------------|------------|

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|           |             |             |                |               |             |           |             |              |             |             |             |             |
|-----------|-------------|-------------|----------------|---------------|-------------|-----------|-------------|--------------|-------------|-------------|-------------|-------------|
| SND03337  | WD          | 2425E       | 253.30         | 253.60        | 2.95        | 1.00      | 3.28        | 28.25        | 0.824       | 125.07      | 3.648       |             |
| SND03338  | A           | 2470E       | 24.55          | 25.60         | 2.70        | 1.10      | 3.61        | 3.81         | 0.111       | 0.00        | 0.000       |             |
| SND03338  | B           | 2470E       | 11.65          | 32.45         | 2.70        | 17.31     | 56.79       | 1.20         | 0.035       | 0.51        | 0.015       |             |
| SND03339  | B           | 2520E       | 44.20          | 44.70         | 2.70        | 0.50      | 1.64        | 22.60        | 0.659       | 31.58       | 0.921       |             |
| SND03339  | G           | 2520E       | 136.60         | 136.90        | 2.69        | 0.50      | 1.64        | 11.90        | 0.347       | 4.13        | 0.120       |             |
| SND03340  | C1          | 2570E       | 50.10          | 50.40         | 2.69        | 0.50      | 1.64        | 24.91        | 0.727       | 7.12        | 0.208       |             |
| SND03340  | WDa         | 2585E       | 267.92         | 268.48        | 2.75        | 1.00      | 3.28        | 11.47        | 0.335       | 35.12       | 1.024       |             |
| SND03341  | D           | 2570E       | 86.25          | 86.92         | 2.70        | 0.60      | 1.97        | 6.86         | 0.200       | 0.00        | 0.000       |             |
| SND03341  | C1          | 2570E       | 51.05          | 51.48         | 2.70        | 21.05     | 69.06       | 2.02         | 0.059       | 0.94        | 0.027       |             |
| SND03341  | C1          | 2570E       | 51.05          | 51.48         | 2.73        | 0.50      | 1.64        | 78.56        | 2.291       | 38.83       | 1.133       |             |
| SND03342  | B           | 2570E       | 52.00          | 52.30         | 2.66        | 0.50      | 1.64        | 3.60         | 0.105       | 3.93        | 0.115       |             |
| SND03342  | C1          | 2570E       | 59.60          | 60.15         | 2.66        | 1.00      | 3.28        | 8.92         | 0.260       | 20.42       | 0.596       |             |
| SND03342  | WDa         | 2585E       | 312.95         | 313.27        | 2.68        | 0.50      | 1.64        | 9.81         | 0.286       | 19.18       | 0.559       |             |
| SND03343  | B           | 2620E       | 54.65          | 55.00         | 2.71        | 0.50      | 1.64        | 18.23        | 0.532       | 38.91       | 1.135       |             |
| SND03343  | D           | 2620E       | 88.55          | 96.70         | 2.71        | 7.88      | 25.85       | 4.39         | 0.128       | 9.52        | 0.278       |             |
| SND03343  | E           | 2620E       | 95.60          | 96.70         | 2.78        | 1.00      | 3.28        | 33.18        | 0.968       | 73.10       | 2.132       |             |
| SND03343  | WDa         | 2630E       | 289.30         | 289.63        | 2.61        | 0.65      | 2.13        | 4.67         | 0.136       | 103.96      | 3.032       |             |
| SND03345  | WD          | 2670E       | 96.20          | 96.50         | 2.70        | 0.50      | 1.64        | 2.58         | 0.075       | 0.00        | 0.000       |             |
| *SND03346 | C2          | 2670E       | 36.82          | 37.12         | 2.75        | 0.50      | 1.64        | 23.81        | 0.694       | 54.80       | 1.598       |             |
|           |             |             |                |               |             |           |             | <b>Au</b>    | <b>Au</b>   | <b>Ag</b>   | <b>Ag</b>   |             |
|           | <b>Hole</b> | <b>Zone</b> | <b>Section</b> | <b>From m</b> | <b>To m</b> | <b>SG</b> | <b>TW m</b> | <b>TW ft</b> | <b>gm/t</b> | <b>oz/t</b> | <b>gm/t</b> | <b>oz/t</b> |
| SND03346  | WD          | 2675E       | 152.75         | 153.80        | 2.74        | 1.00      | 3.28        | 15.90        | 0.464       | 87.07       | 2.540       |             |
| SND03347  | A           | 2670E       | 28.13          | 29.25         | 2.70        | 1.10      | 3.61        | 4.17         | 0.122       | 0.00        | 0.000       |             |
| SND03347  | B           | 2670E       | 33.40          | 33.70         | 2.70        | 1.10      | 3.61        | 4.17         | 0.122       | 0.00        | 0.000       |             |
| SND03347  | WD          | 2670E       | 202.88         | 203.64        | 2.72        | 1.00      | 3.28        | 27.79        | 0.811       | 49.97       | 1.457       |             |
| SND03348  | WD2         | 2265E       | 139.23         | 139.55        | 2.82        | 0.50      | 1.64        | 35.09        | 1.023       | 52.76       | 1.539       |             |
| SND03349  | A           | 2670E       | 38.30          | 38.80         | 2.70        | 0.50      | 1.64        | 3.29         | 0.096       | 0.00        | 0.000       |             |
| SND03349  | B           | 2670E       | 46.80          | 47.18         | 2.70        | 0.50      | 1.64        | 6.07         | 0.177       | 0.00        | 0.000       |             |
| SND03349  | WD          | 2675E       | 243.77         | 244.20        | 2.66        | 0.50      | 1.64        | 5.77         | 0.168       | 35.22       | 1.027       |             |
| SND03350  | WD          | 2210E       | 66.45          | 66.75         | 2.70        | 0.50      | 1.64        | 2.91         | 0.085       | 0.00        | 0.000       |             |
| SND03351  | B           | 2670E       | 59.58          | 60.04         | 2.70        | 0.50      | 1.64        | 7.74         | 0.226       | 0.00        | 0.000       |             |
| SND03351  | WD          | 2670E       | 292.40         | 293.00        | 2.60        | 0.50      | 1.64        | 3.39         | 0.099       | 159.29      | 4.646       |             |
| SND03352  | WDa         | 2165E       | 79.50          | 79.80         | 2.70        | 0.50      | 1.64        | 2.23         | 0.065       | 0.00        | 0.000       |             |
| SND03352  | WDb         | 2165E       | 95.30          | 95.60         | 2.72        | 0.50      | 1.64        | 4.39         | 0.128       | 7.54        | 0.220       |             |
| SND03354  | WD2         | 2380E       | 274.48         | 274.82        | 3.15        | 0.50      | 1.64        | 219.96       | 6.415       | 354.42      | 10.337      |             |
| SND03355  | B           | 2670E       | 71.95          | 72.55         | 2.70        | 1.00      | 3.28        | 4.25         | 0.124       | 0.00        | 0.000       |             |
| SND03355  | D           | 2670E       | 105.10         | 105.40        | 2.70        | 0.50      | 1.64        | 2.57         | 0.075       | 0.00        | 0.000       |             |
| SND03355  | WDa         | 2665E       | 345.20         | 345.63        | 2.68        | 0.50      | 1.64        | 2.36         | 0.069       | 18.19       | 0.531       |             |
| SND03355  | WDb         | 2665E       | 350.30         | 350.60        | 2.68        | 0.50      | 1.64        | 2.80         | 0.082       | 6.25        | 0.182       |             |
| SND03357  | Ba          | 2420E       | 35.50          | 43.80         | 2.70        | 8.14      | 26.71       | 2.22         | 0.065       | 0.70        | 0.020       |             |

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|          |     |       |        |        |      |      |      |       |       |       |       |
|----------|-----|-------|--------|--------|------|------|------|-------|-------|-------|-------|
| SND03357 | Bb  | 2415E | 43.50  | 43.80  | 2.70 | 0.50 | 1.64 | 29.84 | 0.870 | 11.39 | 0.332 |
| SND03358 | B   | 2620E | 70.30  | 70.60  | 2.63 | 0.50 | 1.64 | 8.51  | 0.248 | 3.99  | 0.116 |
| SND03358 | D   | 2620E | 99.30  | 100.30 | 2.62 | 1.00 | 3.28 | 7.18  | 0.209 | 23.36 | 0.681 |
| SND03358 | WDa | 2625E | 337.38 | 337.70 | 2.74 | 1.20 | 3.94 | 11.88 | 0.346 | 36.64 | 1.069 |
| SND03360 | G   | 2445E | 71.30  | 71.60  | 2.70 | 0.50 | 1.64 | 2.62  | 0.076 | 0.00  | 0.000 |
| SND03361 | WDc | 2450E | 119.50 | 119.80 | 2.74 | 0.50 | 1.64 | 11.06 | 0.323 | 7.77  | 0.227 |
| SND03362 | WD  | 2495E | 149.30 | 149.86 | 2.71 | 0.60 | 1.97 | 8.18  | 0.239 | 19.06 | 0.556 |
| SND03363 | C1  | 2545E | 13.30  | 13.60  | 2.70 | 0.50 | 1.64 | 5.59  | 0.163 | 0.00  | 0.000 |
| SND03363 | D1  | 2545E | 22.13  | 22.95  | 2.70 | 1.00 | 3.28 | 4.72  | 0.138 | 0.00  | 0.000 |
| SND03363 | D2  | 2545E | 37.50  | 37.80  | 2.68 | 1.20 | 3.94 | 5.68  | 0.166 | 1.36  | 0.040 |
| SND03364 | C   | 2495E | 25.40  | 25.75  | 2.70 | 0.50 | 1.64 | 2.32  | 0.068 | 0.00  | 0.000 |
| SND03364 | WD  | 2500E | 196.70 | 197.70 | 2.76 | 0.80 | 2.62 | 16.14 | 0.471 | 44.40 | 1.295 |
| SND03365 | B   | 2545E | 21.85  | 22.20  | 2.70 | 0.50 | 1.64 | 2.53  | 0.074 | 0.00  | 0.000 |
| SND03365 | WD  | 2550E | 172.20 | 173.05 | 2.71 | 1.10 | 3.61 | 10.09 | 0.294 | 21.73 | 0.634 |

#### ***Planned Work Program - Fiscal 2004, Ending December 31, 2004***

The Company has proposed an exploration program for Fiscal 2004 to include further diamond drilling on the Deep B shoot, the WD zone, the Bullion Creek zone and the Siwash East area at a budgeted cost of \$600,000.

#### **The ATW Prospect - Canada**

This diamond exploration prospect is without known reserves and all current work by the Company on the prospect is exploratory in nature.

#### ***Option to Acquire Interest***

In Fiscal 1992, these claims were acquired directly by staking and additional claims were acquired from Michael Magrum by ATW Resources Ltd. ("ATW"). The Company owns a 40% share interest in ATW along with Williams Creek Explorations Limited-40% share interest and Troymin Resources Ltd.-20% share interest (now Santoy Resources Ltd.). ATW acts as trustee and these companies are the beneficiaries of a declaration of trust for their respective interest in the prospect. In 1993 the property was optioned to Kennecott Canada Exploration Inc. ("KCEI").

KCEI's interest reverted back to ATW in 2001. ATW then completed a joint venture agreement with Aberex Minerals Ltd.-15% property interest and SouthernEra Resources Limited-10% property interest. A 2% gross overriding royalty on diamonds produced from TR 107 (a portion of the ATW property) is payable to KCEI. An option granted by the Company, together with all other shareholders of ATW, to KCEI under an agreement made as of November 30, 2001, to acquire a 40% share interest in ATW lapsed unexercised.

### ***Expenditure to Date***

During Fiscal 2003, the Company's portion of exploration costs totalled \$109,438 including a sonic drill program. Recoveries and administration fees for managing the exploration program totalled \$55,780. As at December 31, 2003, the Company had deferred \$171,461 in acquisition and exploration costs on the prospect.

### ***Location and Access***

The ATW property is located roughly equidistant between the Diavik and Snap Lake diamond deposits, on MacKay Lake, Lac de Gras area, Northwest Territories. A winter road to the Diavik and Diamet diamond mines passes through the property.

### ***History and Recent Work***

Government geological surveys, widely spaced airborne magnetic surveys and regional mineral exploration programs were carried out in the property area before 1992.

In the summer of 1992, ATW conducted limited a summer till sampling program for diamond indicator minerals, and

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contracted an airborne magnetic - electromagnetic (EM) survey of the western half of the property. After optioning the property, KCEI conducted several phases of prospecting, till sampling using sonic and reverse circulation drills, ground geophysical surveys, a small helicopter borne magnetic survey, and limited diamond drilling in two programs that totalled 671metres. This work identified a kilometres long train of diamond indicator minerals in glacial till that was followed east under MacKay Lake. Their work also found one kimberlite body, TR107, which contains no diamond indicator minerals, and therefore can not be the source of the indicator mineral train being followed.

Subsequent to the return of the property by KCEI, the joint venture group conducted an airborne magnetic EM survey in 2001 over the five by five kilometre projected source area of the diamond mineral indicator train. This was

followed up by ground geophysics which confirmed the presence of four anomalies found by the airborne survey.

These four targets were diamond drilled in the spring of 2002, but no kimberlite was found.

In early 2003, a sonic drill program of 77 holes was completed to further trace the indicator mineral train previously found and to narrow down the possible source area.

### ***Geology and Mineralization***

The property area is within the Slave Structural Province. This terrain was formed in the late Archean with late diastrophism. The oldest known rocks appear to be remobilized granitoids, emplaced in a thick volcano-sedimentary sequence. All of these units were subsequently metamorphosed, deformed and also intruded by other mainly granitoid bodies.

The ATW claims overlay Yellowknife Supergroup rocks of the Slave Craton. These Archean rocks consist of, metasediments (greywacke, pelite, minor quartzite, conglomerate, iron formation, and metavolcanics). Some of these formations give magnetic and electromagnetic responses. Large granitoid bodies intrude these rocks. The Proterozoic MacKenzie dyke swarm dominates the airborne magnetics as long continuous magnetic high responses that traverse the property.

### ***Exploration and Drilling Results***

Exploration work by KCEI between 1993 and 1998 identified a long diamond indicator mineral train or anomaly in glacial till that extended southeasterly up glacial ice direction. Several geophysical targets were also identified from . In 1994, four geophysical targets were drilled, and one of these, TR-107 intersected a kimberlite body, that was not diamondiferous and did not contain diamond indicator minerals. In January 1998, KCEI informed the Company that the main exploration target on the property was the source of the prominent indicator mineral till anomaly. This anomaly contains indicator minerals (garnets and chromites) with chemistry from within the diamond inclusion field suggesting the source will be diamondiferous. This indicator mineral anomaly was been traced to the western edge of MacKay Lake. Reverse circulation (RC) drilling was carried out on the lake ice in early 1998 follow the till anomaly easterly back up the original direction of glacial ice movement towards the anticipated source location. Thirty-three holes for a total of 390 metres drilled at about 100 metre on three lines were completed to sample the till on the lake bottom. The easterly line has four holes 100 metres apart that had elevated counts pyrope garnets (>5) in the basal till, one of these had a very high count of olivines (>50) with elevated values in three holes. The work thus extended the indicator mineral train but no source area was delimited. In 1999, a sonic drill used to sample the till in a fence of holes across the ice movement direction and 13 holes for a total of 479 metres in a single line were drilled about five kilometres up ice direction from the last previous line of RC drill holes. These were essentially devoid of indicator minerals, and so it was concluded that the source area had been narrowed down to a five kilometre by five kilometre area, and that a potential source for the diamond indicator minerals should be looked for between these two lines of holes. Analyses were done at KCEI's Thunder Bay laboratory, an ISO Guide 25 facility.



ATW's 1992 airborne survey did not cover this area, so a contract was given in March 2001 to Fugro Airborne Surveys to carry out a survey of the area between these two lines of holes, and also over a small area in a bay of MacKay Lake further down ice on the mineral train where a small magnetic low was outlined on an old (1960s) government magnetic survey of the area. This work outlined two targets with pipe like characteristics and a long dike like structure that is not magnetic indicating it is not caused by a diabase dike. Surface geophysics confirmed the size and strength of the two pipe targets.

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In early 2002, results of microprobe analyses performed on indicator minerals from sampling of the glacial dispersion train on the property were received by the Company from Kennecott Canada Inc. Mineral Services Canada Inc. (Mineral Services), a subsidiary of Mineral Services International, reviewed these microprobe results. The following is an excerpt from the summary of the report provided from Mineral Services:

"A prominent kimberlitic indicator dispersion has been traced up-ice in till samples over a distance of 20 km, and was found by drill sampling to continue in MacKay Lake sediments for a further 3 km, leading to geophysical target ATW-02. The available kimberlitic indicator mineral analyses from this, the MacKay Lake dispersion, comprises 74 olivines, 18 orthopyroxenes, 127 clinopyroxenes and 198 garnets, but no kimberlitic ilmenite or chromite. The compositional characteristics of this indicator assemblage show it to be derived from kimberlite source(s) that have entrained predominantly diamond-stable mantle peridotite along a cold cratonic geotherm similar to that defined by garnet peridotite xenoliths in the Diavik kimberlites. Various samples show this indicator assemblage contains from 16 to 20% G10 garnets, with moderate-Cr<sub>2</sub>O<sub>3</sub> G10 garnets well represented. Based on available data, and assuming that these data are representative of the samples from which they are derived, the source kimberlite(s) are predicted to be at least moderately diamond-bearing. A more definitive assessment of their diamond potential cannot currently be made due to the fact that: eclogitic garnet compositions are not reported; the extent to which the available data are representative of the full indicator mineral population present in the tills and sediments or in specific source bodies is not known; and several critical kimberlite-specific mineralization factors have yet to be determined.

Kimberlitic garnet, orthopyroxene and clinopyroxene recovered from a composite core sample of the TR107 kimberlite reveal compositions quite unlike that seen in exploration samples on the rest of the MacKay Lake property. The TR107 kimberlite apparently sampled essentially only graphite-stable mantle peridotite on an elevated geothermal gradient. The kimberlite core sample is assigned zero diamond potential and it manifestly does not correlate with the intrinsically higher diamond potential of the vast majority of kimberlitic indicator minerals recovered from the property."

In April 2002 a program of drilling geophysical anomalies on the project was completed. No kimberlite was found. Three resistivity low anomalies were tested. Two were explained by graphitic conductors. No explanation was found for the third anomaly.

In early 2003, a till sampling program with seventy-seven holes were drilled to recover samples of basal till samples on several lines of hole between the last two lines of till sampling holes described above. This work narrowed down the anticipated source area to a one kilometre by one kilometre square.

***Planned Work Program - Fiscal 2004, Ending December 31, 2004***

The Company has planned an exploration program for Fiscal 2004 consisting of a gravity survey and ground magnetics and electromagnetics at a total cost of \$80,000. The Company is responsible for 30% of this costs, or \$24,000.

**The Caballo Blanco Prospect - Mexico**

The Caballo Blanco Prospect is without known reserves and all current work by the Company on the prospect is exploratory in nature.

***Option to Acquire Interest***

In 1996, the Company signed an option to purchase agreement with two private Mexican individuals for the approximately 40,000 acre property. In terms of the agreement, to earn a 60% in the property, the Company had to issue a total of 200,000 shares and pay US\$500,000 plus value added tax over four and a half years. To earn the remaining 40% interest, the Company had to pay an additional US\$500,000 plus value added within a year of earning its 60% interest, plus a 2.5% NSR from any production. The Company could have reduced this NSR to 1.5% for a fixed payment of US\$2,000,000 plus value added tax payable equally over 10 years.

The agreement was amended in January 2003. To earn a 100% interest, the Company must issue a total of 200,000 shares of its stock and pay US\$668,500 plus value added tax by February 26, 2007. The underlying owner would also receive a NSR of 2.5% to 1% based on the rate of production. The Company can purchase 50% of this NSR for

a fixed payment of US\$750,000 plus value added tax.

In January 2003, the Company entered into an agreement with Comaplex Minerals Corp. ("Comaplex"). To earn a 60% interest, Comaplex must keep the property in good standing and incur exploration expenditures totalling US\$2,000,000 by January 16, 2007.

### ***Expenditures to Date***

To December 31, 2003, the Company had incurred a total of \$2,522,756 in acquisition and exploration costs on this prospect but during Fiscal 2002 the prospect was written-down by \$2,000,000. As at December 31, 2003, the Company had deferred costs of \$522,756 on this prospect.

### ***Location and Access***

The Caballo Blanco project, consisting of mineral concessions, currently comprising about 8,200 hectares, is located in the state of Veracruz about 75 kilometres northwest along the Pan American highway in eastern Mexico from the city of Veracruz.

### ***History and Recent Work***

The area was staked in 1993 as a new discovery. The Company carried out limited exploration on the property in 1995 with mixed results, and subsequently provided the owner with funding to continue prospecting under a "grubstake" agreement. Further mineralization was found and an option agreement was negotiated. Since 1996, the Company's efforts have focussed on three distinct areas of alteration and mineralisation known as the Central Grid Zone, Highway Zone and Northern Zone respectively. Most of the work to date has been carried out on the Central Grid and Highway zones, where separate porphyry systems have been identified. Geological mapping, sampling, geochemical surveys, magnetic and induced polarization (IP) geophysical surveys were carried out, mostly in 1997. A 2,390 metre reverse circulation drill program was carried out by the Company in 1998 on the Central Grid Zone. This drilling intersected both porphyry-style copper-gold mineralization and high-grade gold-silver mineralization in veins apparently spatially peripheral to the porphyry system. In the Highway Zone, soil geochemistry, geologic mapping, and induced polarisation geophysical surveys have identified a separate porphyry copper-gold target. The Northern Zone is a large area of argillic alteration, within which preliminary prospecting and geochemical surveys have identified areas of elevated gold-copper-arsenic in silicified rock. Highly anomalous values have been found in stream silt samples and boulders in streams, and this area is thought to represent a large unexplored high-sulphidation gold system. In 1999, 2000, and early 2001, the Company carried out limited geological, geochemical, and IP surveys. Late in 2000, the Company purchased exploration data and surrounding claims from Lucero Resources Corp. The Company also purchased a small net smelter return royalty on these claims for \$1,000 Canadian dollars from Lucero's successor in early 2003.

In Fiscal 2001, the Company's subsidiary, Minera Gavilan, S.A. de C.V., signed an agreement with Noranda Exploracion Mexico S.A de C.V. ("Noranda"), a subsidiary of Noranda Inc., which was terminated in Fiscal 2002.

Noranda carried out geological mapping, some regional geochemical surveying and diamond drilling. Starting in March 2002, Noranda completed 1789 metres of drilling in seven holes four in the Central Grid area, and three into the Highway Zone area, aimed at porphyry copper targets. At the Company's expense, two short holes were drilled to test a gold target in the Central Grid part of the property.

Work during 2003 at the Highway and Northern zones consisted of sampling, geologic mapping and induced polarization (IP) geophysics and was complimented by analysis of alteration mineralogy with a PIMA portable infrared spectrometer.

### ***Geology and Mineralization***

The property occurs in a caldera setting in volcanic rocks of Miocene age, along the northeastern edge of the Trans-Mexican Volcanic Belt. It covers a large hydrothermal system that indicates both porphyry Cu-Au, high sulfidation Au and low sulfidation Au-Ag style mineralization. Mineralogical evidence indicates that minimal erosion has taken place and the hydrothermal system is mainly preserved. It is a new discovery, first identified by sampling in acid sulphate altered quartz stockwork veining, in a road cut for the main coastal highway. This zone yielded anomalous gold values.

### ***Exploration Results***

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A geochemical soil survey on a grid that covers roughly 3 kilometers by 3 kilometers in the Central Grid area of the property outlined a number of coincident gold-copper anomalies associated with what appears to be two styles of mineralization within a very large alteration zone. In one area, two creeks contain float rock of porphyry style quartz stockwork veining associated with copper-gold mineralization and K-silicate alteration. In a geochemical soil anomaly over this location, the 200 parts per million copper contour outlines an area roughly 700 meters by 500 meters, with coincident anomalous gold values. The other style of mineralization, gold-silver-copper-lead quartz stockwork and quartz barite veins, is found in several areas. One such area has an irregular shaped soil anomaly that is roughly 700 metres by 200 metres with up 2.89 gm/t gold and up to 0.22% copper. The highest gold value in the soil survey was 9.96 gm/t from a small isolated high.

Geological mapping found that the anomalous gold values are closely associated with areas of widespread k-silicate alteration and copper staining. The geochemical grid was extended northwards to cover possible extensions to the known highly anomalous values.

An induced polarization and ground magnetic geophysical program over the Central Grid area identified a very broad zone of elevated chargeability enveloping several intense chargeability highs. These chargeability highs are linear in orientation, and are over one km long. Profiles indicate these anomalies extend from surface to significant depths. These linear highs relate spatially to the presence of outcrop and float of quartz-barite-sulfide veining and associated gold soil geochemistry.

A 2,390 meter reverse circulation drill program started in April and was completed in May 1998.

Holes CB-1 and CB-2 were drilled in the porphyry-copper-gold style target.

Hole CB-1 (located at 5100E and 3400N, drilling east at -60°, 167.6m deep) intersected a mineralized feldspar porphyry cut by quartz stockwork veining. Chalcopyrite, pyrite and magnetite occur as coatings on fractures and in disseminated form. Bornite is sparsely disseminated. Anomalous results are: from 3m to 167.6m (164.6m) of 0.15% Cu and 0.223 grams/tonne Au, including from 3m to 110m (107m) of 0.18% Cu and 0.254 grams/tonne Au.

Hole CB-2 (located at 5295E and 3400N, drilling west at -50°, 193.5m deep) was similar to hole CB-1 but sections of the porphyry are more highly clay altered with quartz stockwork veining containing pyrite chalcopyrite, minor galena and sphalerite. Anomalous results are: from 26m to 193.5m (167.5m) of 0.09% Cu and 0.159 grams/tonne Au, including 96m to 108.2m (12.2m) of 0.13% Cu and 0.322 grams/tonne Au; from 153.9m to 193.5m (39.6m) of 0.15% Cu and 0.394 grams/tonne Au; and the last sample 192m to 193.5m (1.5m) of 0.23% Cu and 0.720 grams/tonne Au.

IP geophysical and soil geochemical anomalies were targeted with the drilling over a roughly 1 by 2.2 kilometer area within this 150 square kilometer property. The water table was consistently intersected at shallow depths. The water flow encountered in many holes limited the practical depth of drilling with the drilling system employed. Future reverse circulation drilling could achieve better penetration depths and rates with equipment designed for higher water flow.

An involved quality control program was employed for the project and included the insertion of blanks, standards and duplicates into the sample stream. Samples were submitted blind to Bondar Clegg/ITS labs of North Vancouver for analysis. Industry standard methods of analysis were employed.

Hole CB-3 was collared into a ground magnetic high at 5545 meters east on line 3295N. The hole, drilling west at -50°, passed through 10.7 metres of overburden before intersecting andesite which continued to 153.9 metres, the end of the hole. The andesite is highly altered to hydrothermal magnetite, epidote, chlorite and pyrite. Magnetite and epidote occur as veins and clots throughout the andesite. This style of alteration is similar to magnetite-epidote

skarning developed in volcanics adjacent to porphyry Cu-Au deposits elsewhere. Several gold values over 1.52 meter sample widths were elevated with a high of 0.774 grams/tonne Au. This hole was drilled across the assumed dip of the skarned zone and did not penetrate through to an expected andesite/intrusive contact.

Hole CB-4 (collared at 5600 East on line 3524N; drilling east at -50°) passed through 16.8 metres of overburden

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before penetrating the same andesite to the end of the hole. The andesite is skarned as in hole CB-3, however at depth in the hole silicification, clay alteration and pyrite associated with quartz-sulfide veining were intersected. Several zones contained anomalous assay results.

Results in Hole CB-4 included 39.62 meters from 96.01m to 135.63 meters that averaged 0.25g/t gold and about 1.0 g/t Ag with 0.15% Cu and 0.10% Pb and 0.18% Zn. This interval included a higher grade section from 96.01 meters to 108.20 meters totaling 12.19 meters averaging 3.8 g/t Au, 23 (g/t) Ag, 0.37% Cu, 0.19% Pb and 0.34% Zn. This section relates to strong veining and included a high of 19.9 g/t Au and 26 g/t Ag over 1.52 meters from 102.1 to 103.63 meters. A further zone of mineralization and veining was intersected from 123.4 to 126.5 meters over 3.10 meters of 1.7 g/t Au, 14 g/t Ag, and 0.11% Cu, 0.21% Pb and 0.35% Zn.

Holes CB-5 and CB-6 were drilled further south on line 2000 N at 5760 E and 5600 E respectively. CB-5 was drilled to the west at -50° and CB-6 was drilled east at -50°. Both holes collared in similarly altered andesite but at shallow depths penetrated a highly silicified, clay altered and pyritized feldspar porphyry. The porphyry is cross-cut by narrow, dark quartz-pyrite-chalcopyrite veinlets.

Intersections in CB-5 included a 13.72 meters zone of veining, from 21.33 meters to 35.05 meters of 1.8 g/t Au, 31 g/t Ag and 0.10% Cu. A second zone was intersected 48.77 meters from 54.86 to 103.63 meters averaging 0.241 g/t Au and 0.06% Cu. Included in this section is a 19.81 meter zone from 83.82 to 103.63 meters averaging 0.446 g/t Au and 0.11% Cu.

CB-6 intersected similar porphyry style mineralization over 67.05 meters from 35.05 meters to 102.1 meters averaging 0.188 g/t Au and 0.05% Cu. This includes a 13.72 meter section from 35.05 to 48.77 meters averaging 0.361 g/t Au and 0.09% Cu.

The results from holes CB-5 and CB-6 indicate that porphyry Au-Cu mineralization exists over 1.4 kilometres to the south of the previously released holes, CB-1 and CB-2. The mineralization is associated with the highly altered feldspar porphyry, an entirely different intrusive rock from that intersected in CB-1 and CB-2.

The remaining holes returned lower but still anomalous gold and copper values.

Fluid inclusion work on drill cuttings from the reverse circulation drilling program in the main grid, identified three stages of quartz with several types of inclusions. The early and late stages of quartz and the inclusion characteristics are diagnostic of a classic copper-gold-porphyry system. The intermediate banded quartz is common only in the shallow porphyry systems of the Maricunga Au belt.

Geological mapping, line cutting and geochemical soil sampling on the Highway Zone extended the gold in soils anomaly to cover an area 2 kilometres long, and up to 400 metres wide. Geological mapping and prospecting of this area has found extensive vuggy silica in float and some outcrops in an area of widespread deep weathering and overburden. The best outcrop sample so far from within the gold in soils anomaly is 1.1 grams/ton gold.

On the Northern Zone, work consisting of further geochemical stream silt sampling to find the source of anomalous gold values in drainages that contained float with multigram gold values in vuggy silica and breccia. The stream silt sampling and follow up geological mapping and prospecting isolated an area of extensive large angular boulders of vuggy silica and subcrop with anomalous gold values.

In order to test the Central Grid and Highway Zone porphyry targets, Noranda drilled 1,789 meters in seven holes. Four were drilled in the Central Grid looking for the extension of the outcropping copper bearing porphyry and three holes were drilled into the previously undrilled Highway Zone. The report summary states "Despite pervasive K-spar flooding potassic alteration associated with the porphyry in the Central Grid and the huge argillic alteration zone that occurs at the Highway Zone, significant copper mineralization was not found." Noranda states the presence of an important gold deposit in the Central Grid area has not been ruled out but possibilities for an open pit copper porphyry have been reduced. On the Highway Zone, very low values of copper were found but drilling did intersect short intervals of elevated gold. Hole CB-02-07, Noranda's last hole, which was drilled in an area of extensive argillic alteration associated with elevated gold in soil geochemistry had several interesting gold intersections. These included stockwork veining from 51.35 to 84 meters depth within which a 6 meter section averaged 1.42 g/t gold. A

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sample from 192 to 195 meters depth within a zone of argillic alteration averaged 2.5 g/t gold and the final sample of the hole from 212.0 to 212.5 meters depth returned a gold value of 4.98 g/t gold. The hole was lost at this point due to poor drilling conditions.

Two further holes were attempted at the Company's expense at the end of Noranda's program, under the supervision of an independent consultant. These were located near reverse circulation Hole CB98-04, from the Almaden's 1998

program, which intersected 12.2 meters of 3.8 grams of gold per tonne. Hole CB-02-08 was drilled east at -50°, parallel to and about thirty metres south of hole 98-4. It intersected fault gouge in the area where the vein was expected. Hole CB-02-09 was located ninety meters north of CB 98-04 and also aimed east at -50°. This hole intersected a mineralized vein zone from 57.3 to 60.0 meters, and from 69.0 meters to 73.0 meters the recovered material contained fragments of quartz vein material that is mineralized with chalcopyrite, galena, and pyrite. The hole was abandoned in bad ground at 73.0 meters, which is a few metres before the expected location of the zone found in hole CB 98-04.

Comaplex's 2003 program on the Highway zone outlined several prominent areas of alteration and mineralisation. A significant resistivity and chargeability anomaly has resulted from this work over a roughly 5 by 3 kilometer area of acid sulphate alteration characterised by hypogene alunite and vuggy silica. The alteration mineralogy and geologic textures recognised suggest that area of study represents a large high-sulphidation epithermal system. The zones of vuggy silica and coincident chargeability and resistivity have not been drilled, however a diamond drill hole was completed close to the area by Noranda Inc. in 2001. This hole was drilled in an area of extensive argillic alteration and had several interesting gold intersections. The hole was lost due to poor drilling conditions.

At the Northern zone sampling, geologic mapping and PIMA analyses have defined a huge, roughly 6 by 5 kilometer area of acid sulphate alteration and vuggy silica, including many breccia bodies. Past sampling in these areas by Almaden has returned anomalous gold values, the highest being 11 g/t. The alteration in the Northern zone is very similar to that in the Highway zone, however up until this program very little work had been carried out in this area. Initial sampling by Comaplex returned anomalous gold values from outcrop the highest being 1 g/t. Outcrop in this area includes breccia bodies containing clasts of vuggy silica. An IP section over the zone outlined a large high resistivity feature that appears to extend to depth.

#### ***Planned Work Program - Fiscal 2004, Ending December 31, 2004***

The Company has no planned exploration program for Fiscal 2004 with all work being conducted by Comaplex Minerals Corp. who are working to earn their interest in the prospect.

In March 2004 Comaplex informed Almaden that road building to access drill targets was underway but construction was slow. A diamond drill had been mobilised to the prospect but drilling had not yet commenced.

#### **The Yago/La Sarda Prospects - Mexico**

The Yago/La Sarda prospect is without known reserves and all current work by the Company on the prospect is exploratory in nature.



***Option to Acquire Interest***

In Fiscal 1997 the Company's subsidiary, Minera Gavilan, S.A. de C.V., completed the assembly, from several Mexican individuals, of claims covering a large epithermal gold target near Yago, Nayarit, Mexico. The claims under option consisted of the Guadalupe, Sagitario and Yago claims. To earn a 100% interest in the Guadalupe claim, the Company had to pay US\$30,000 plus value added tax over six years (amended). To earn a 100% interest in the Sagitario claim, the Company had to pay US\$250,000 plus value added tax by January 1, 2005 (amended). There is a 2% NSR to only one owner on any production from his property. In Fiscal 2000 the Company terminated its option on the Yago 1 to Yago 7 claims to reduce property payments. The Tepic claim was acquired directly by staking, reduced in size and then partially restaked in 2002 at the request of an optionee. Only a reduced portion of this ground is still held.

In Fiscal 1999 the Company entered into an agreement to acquire a 100% interest in 8 mining concessions which comprise the adjoining La Sarda mine and surrounding property for payments totalling US\$2,000,000 plus value added tax over four years, as well as improvements, a 300 tpd mill and equipment located within the mining

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concessions. If the mill was not included when the option was exercised in full, the purchase price would have been reduced by US\$200,000. In Fiscal 2000, the Company purchased this prospect outright for US\$110,000 plus value-added tax, not including the mill.

In Fiscal 2002, the Company optioned the project to Ascot Resources Ltd. ("Ascot"). Under the terms of the agreement, to earn an initial 50% interest Ascot had to issue 300,000 shares to the Company and incur exploration expenditures of US\$1,000,000 within two years. Ascot was committed to issue 200,000 shares and incur US\$400,000 of exploration expenditures in the first year. At Ascot's request and expense, several of the previously dropped Yago claims were re-optioned and became part of the mutual area of interest under terms of the Ascot-Almaden Agreement. Ascot could have increased its interest to 60% by issuing an additional 300,000 shares to the Company and incurring additional exploration expenditures totaling US\$1,000,000. Ascot relinquished their option in Fiscal 2003.

During Fiscal 2003, the Company advised the owner of the Sagitario claim that it was relinquishing its option on that claim. Subsequent to the end of Fiscal 2003, the Company acquired the Sagitario and Guadalupe claims by outright purchase for US\$10,000 each plus value added tax. The Company also completed documentation for the purchase of the Don Alonzo claim.

***Expenditures to Date***

During Fiscal 2003, the Company incurred \$22,325 in exploration costs on this prospect, net of recoveries, primarily on the payment of Mexican mining taxes and duties to keep the property in good standing. As at December 31, 2003, the Company had deferred acquisition and explorations costs of \$799,505, net of write-downs, on the property.

### ***Location and Access***

The Yago/La Sarda prospects are located in the state of Nayarit, on the Pacific Coast of Mexico. The claims encompass the town of Yago, which is located by paved road approximately seven kilometers from Highway 15, which is the major thoroughfare from the United States to Mexico. Yago is located roughly 50 kilometers north of Tepic, the capital of Nayarit.

### ***History and Recent Work***

#### ***Southern Part:***

The assembled claims cover a large alteration zone centered on a northwest trending extensional structure with numerous separate gold veins, many of which had had historic small scale mining operations from numerous old workings. It is believed that this was the first time in many years that all these claims had been assembled into a single property. The separate owners each controlled a part of the main area of interest in the southern part of the property which is a large stockwork zone of chalcedonic banded quartz veins where small scale mining was carried out. Wider veins within the stockwork zone were mined by underground open stopes accessed by adits and by glory holes mined out to surface.

In 1997, soil sampling and geological mapping were carried out on a grid over the southern area of interest. Numerous rock samples were also taken at this time. Encouraging results were followed up by expanding the grid and detailed in fill soil sampling in areas of interest.

In fiscal 1998, the Company optioned the property to Santoy Resources Ltd. ("Santoy") who conducted a 975.2 metre drill program late in the year. Results did not meet their expectations and Santoy dropped their option in July 1999.

During November and December 1999 a program of mapping, sampling and road building was carried out on the project. Work was focussed on the Guadalupe-Tejona-Korina vein system in the southern portion of the project. Samples of ore from recent development and production blasts were also taken from the La Sarda area active operations, roughly seven kilometres north. The La Sarda Prospect had been in continuous production for about 5 years and mining during the option period was to be for the benefit of the current owner but restricted to 150 tonnes per day maximum and to material above the lowest level of workings on the La Sarda vein which is roughly 100 metres below the surface. Mining operations ceased in early 2000.

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In March 2000, the Company and its predecessor ("Fairfield") entered into an agreement where Fairfield could earn 51% of the Company's interests and rights to the prospect. Fairfield drilled two holes on the southern part of the property with discouraging results, and completed the acquisition of the northern part of the property.

In 2002, the Company optioned the property to Ascot. The optionee carried out further sampling, geological mapping, induced polarization geophysical surveys and limited diamond drilling. Ascot dropped their option in 2003.

*Northern Part:*

In this area, the thrust of the Company's exploration effort was to find new, larger zones of high grade material at greater depths on both the La Sarda and parallel vein zones.

In December 1999 some mapping was carried out on the La Sarda vein. Because the mine and mill were operating without established reserves, production and grade were somewhat erratic. The La Sarda vein had provided most of the production over the previous four or five years. This vein was found by mapping to be just underneath the opaline silica horizon, further indication that only the top portion of this extensive system is exposed.

The La Sarda area active workings were inspected. Four major sub parallel vein systems have been recognized in this area, and three were being actively worked at that time. High grade ore was reported in the active faces of the La Cucaracha vein workings. A sample taken from muck from an ore face returned values of 20.2 grams/tonne Au and 151 grams/tonne silver.

***Geology and Mineralization***

The assembled claims cover a large alteration zone centered on a northwest trending extensional structure with numerous separate gold veins.

The country rocks in the area are Tertiary andesitic tuffs and flows that are observed to be flat-lying. The alteration zone is characterized by strataform silicification spatially associated with friable argillic alteration dominated by kaolinite with subordinate alunite and cristobalite.

This alteration zone is interpreted to represent the paleowater table of a shallowly-eroded epithermal system. Gold-bearing quartz veins with prominent crustiform, colloform banding and stockwork quartz veining, are exposed beneath the strataform alteration and are the target of the exploration efforts.

### ***Infrastructure***

A main railway line crosses the prospect and there are electric powerlines to the town of Yago. The prospect is approximately seven kilometers from Highway 15 and is traversed by numerous gravel roads.

### ***Exploration Results***

#### ***Southern Part:***

In 1997, a 1 by 1 kilometer grid was cut over the area of intense quartz-adularia veining and float and a soil sampling program was carried out at 50 meter spacing on lines 100 metres apart. Several large multi-line gold-silver-antimony anomalies resulted that extended to the edge of the grid. A follow-up survey was carried out in which the grid was expanded to roughly 1.5 by 2 kilometers. Samples were taken intermediate to anomalous samples taken in the initial program to provide greater detail and to serve as a check on previous sampling. Sampling was also carried out to define the extent of anomalies discovered in the first phase of sampling. The in fill sampling confirmed the results of the previous survey while the additional soil sampling provided better definition of the existing anomalies and resulted in new anomalies which still remain open. This anomaly lies in the central and south-west part of the grid in an area devoid of old workings and remains open in two directions. Veins mapped in this area strike roughly 10 degrees east of north. Emanating from the north-east part of this anomaly is a linear gold-silver-antimony soil anomaly trending approximately 40 degrees east of north. The trend coincides with the attitudes of veins measured in outcrop in the north-east portion of the grid. Several other multi-line gold in soil anomalies resulted from the soil sampling. Antimony and silver for the most part correlate well with gold geochemistry, defining similar trends throughout the grid.

At the time of soil sampling more than sixty rock samples were taken over the property. These samples were taken from exposures in historic workings and the associated dumps as well as the vein float prevalent over the property. Fifteen samples were taken from one area of more abundant outcrop about 100 metres by 16 metres and here gold grades were as high as 5.72 grams per tonne gold and averaged 1.9 gram/tonne gold. Conventional Fire Assay and ICP techniques were employed on both rock and soil samples.

Several areas of intense banded quartz-adularia veining, stockwork veining and one area of hydrothermal brecciation and silicification were defined which are coincident with areas of anomalous soil geochemistry. The initial geologic data indicates that the veining represents high elevations within a shallowly eroded low-sulfidation epithermal system, of which the paleo-water table is preserved over much of the property. Exploration was designed to seek bonanza vein type mineralization.

Geologic work and road building in the southern Guadalupe-Tejona-Korina area was designed to provide access and investigate areas for future diamond drilling. During the course of this work several new veins and previously unknown historic workings were discovered. In the La Korina area (on the Sagitario claim), the lowest elevation workings, several shafts and adits were discovered in heavy undergrowth. The work completed has enabled the Company to select several sites for drilling in this area. Several banded quartz-adularia veins were discovered in the new road cuts within areas of high gold in soil geochemistry. In one area banded veining was discovered in an area of very high gold soil geochemistry along the La Guadalupe vein trend over 500 metres from known historic workings. A sample of banded veining from this area returned values of 5.5 grams/tonne gold and 110 grams/tonne silver. These areas and the Korina area were not tested by past drilling and are relatively lower in elevation than the depth tested by past drilling.

This program of work resulted in the definition of several key drill hole locations in the southern Guadalupe-Tejona-Korina area. These locations would test the correct elevations for potential bonanza grades at depth along the strike and intersection of several banded quartz-adularia veins. Road building provided access for these holes. Drill holes were also been designed to test the La Sarda area vein systems to the north including the Cucaracha vein.

Numerous small scale old workings are present on the property.

Hydrothermal alteration mapping and fluid inclusion studies support the conclusion that the present erosion surface represents shallow depths beneath the paleo-water table of the hydrothermal system. The potential for high-grade gold-silver mineralization is expected to extend from surface to significant depths beneath the present surface.

In December 1998, seven (7) widely spaced holes totaling 975.2 metres were completed by Santoy to test epithermal vein targets at depth. Widespread quartz veining and stockwork systems were encountered at depth, many of which correlated well with surface zones.

Widespread anomalous gold, silver and base metal values were obtained from the drilling with the most significant mineralized intervals as follows:

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| <b>Hole No.</b>                   | <b>From - To (m)</b>  | <b>Interval (m)</b> | <b>Au (g/t)</b> | <b>Ag (g/t)</b> |
|-----------------------------------|-----------------------|---------------------|-----------------|-----------------|
| 98-01<br>(Tejona Vein)            | 53.3 to 54.8          | 1.5                 | 0.37            | 24.9            |
| 98-02<br>(Guadalupe Vein)         | 44.2 to 47.2          | 3.0                 | 0.44            | 43.8            |
|                                   | 67.0 to 70.1          | 3.1                 | 0.51            | 15.1            |
|                                   | 121.9 to 126.4        | 4.5                 | 0.54            | 16.7            |
| 98-03<br>(between Creek & Tejona) | 38.1 to 54.8          | 16.7                | 0.15            | 22.6            |
|                                   | incl.38.1 to 39.6     | 1.5                 | 0.63            | 99.8            |
| 98-04<br>(La Morraya)             | 42.6 to 44.2          | 1.6                 | 0.32            | 35.7            |
| 98-05                             | 198.1 to 201.1        | 3                   | 1.8             | 0.9             |
| 98-06<br>(Creek Zone)             | 32.0 to 36.5          | 4.5                 | 0.13            | 9.4             |
| 98-07                             | No significant values |                     |                 |                 |

The sample with the highest gold grade from Santoy's drill program was re-assayed by the Company for metallic content, a fire assay procedure commonly used when coarse gold is suspected. The grade of this sample increased

from 3.0 grams/tonne to 3.8 grams/tonne, which is interpreted to represent the presence of coarse gold. In these circumstances diamond drilling is generally considered the best drilling method to ensure the recovery of coarse gold. These values are interpreted to be typical of the level of exposure of the veins tested and support the interpretation that potential ore shoots might exist at greater depth than cut with these reverse circulation drill holes.

In July 2000, Fairfield began a diamond drilling program on the southern part of the property. Progress was very poor. Drilling commenced with two holes on the Guadalupe vein that would be the most difficult to access if the rainy season were to start early. Hole one did not reach its objective and the core barrel was lost in the hole. After much difficulty, hole two was completed to the planned depth. However, the drill rods became stuck when pulling out of the hole, and they are still stuck. Fairfield brought a drilling expert to the project to identify the problems, which he determined not to be related to ground or any local conditions. The program was terminated. Although the first hole did not reach its targeted vein, another vein was intersected. The projected vein in hole two was also intersected where expected. No significant assays were returned from these holes.

In 2002, Ascot completed a gradient array IP (induced polarization) geophysics survey on the La Sarda and Yago grids. The two large geophysical grids covered three of four principal veins in the La Sarda mine area, and the Guadalupe, La Tejona and La Korina vein systems in the Yago area to the south.

At La Sarda the three northeast-striking veins surveyed to date were mapped very effectively by gradient array IP and traced approximately 200 metres beyond their last known exposures. The data suggest that all three vein structures remain well defined over a strike length of 900 metres and are open for extension to the northeast. In the Yago area, south of La Sarda, the IP data appear more complex. On the west side of the grid geophysics traced the north-south striking Guadalupe vein over a distance of approximately 400 metres and defined a large area of very high resistivity corresponding to the La Tejona and La Korina vein structures.

A total of 1098.2 metres of diamond drilling was completed on the La Sarda vein by Ascot, one hole was lost before reaching the vein target, another hole had lost core through the section where the vein intersection was expected, and the remaining four had low grade values that nevertheless showed good vein width and continuity.

The Company has no planned exploration program for Fiscal 2004. The Company considers the Yago/La Sarda prospect to be a considerable asset with potential for a high-grade gold vein deposit. The next step in the exploration process is an aggressive program of diamond drilling designed to develop a high-grade resource. The Company will maintain the property and seek to consolidate its interest in the area by acquiring further claims that may become available in the area. The project will be presented to potential joint venture partners.

### **The Galeana Prospect- Mexico**

The Galeana prospect is without known reserves and all current work by the Company is exploratory in nature.

#### ***Option to acquire interest***

Pursuant to an agreement dated February 22, 2001, the Company's predecessor ("Fairfield") acquired an option to earn a 100% interest in the Galeana claim group from a Mexican individual. To earn a 100% interest, the Company must pay US\$100,000 plus value added tax over seven years. The Company must also pay US\$400,000 plus value added tax should the property go into production. The claims are subject to a NSR of 3% to 1% based on the rate of production. The Company can purchase 50% of this NSR for a fixed payment of US\$500,000 plus value added tax at any time.

During 2002, the Company entered into an agreement with Grid Capital Corporation ("Grid"). To earn an initial 50% interest, Grid must maintain the property in good standing, incur exploration expenditures totalling US\$1,000,000 and issue 400,000 shares to the Company by July 31, 2006. Grid can increase its interest to 60% by incurring an additional US\$1,000,000 of exploration expenditures and issuing a further 100,000 shares to the Company by July 31, 2007.

#### ***Expenditures to date***

As at December 31, 2003, the Company had incurred \$118,272 in acquisition and exploration costs on the prospect.

#### ***Location and Access***

The Galeana project is centred on the village of Galeana, located roughly 22 kilometers by all season gravel road south of the town of Guadalupe y Calvo in Chihuahua State, Mexico. Guadalupe y Calvo is connected by paved highway to Parral, a major commercial and mining supply centre.

#### ***History and Recent Work***



The property covers two major vein systems, the Miguel Ahumada - Estrella de Oro trend and the San Geronimo trend, both of which have had limited historic production. Production took place from 1889 to 1910, and it is estimated from historic reports that up to 100,000 ounces may have been extracted from vein material averaging 0.6 ounces per ton (opt) Au. The mines were closed in 1910, prior to the Mexican revolution. Several comprehensive evaluations of the deposits were carried out between 1902 and 1923 and are in the possession of Almaden. Apart from small scale activities by local miners, the property sat idle until 1996, at which time the present owner acquired it. In 1997 the property was optioned to Duran Gold Corp. ("Duran") of Vancouver, Canada. Duran was a private company and optioned the property with the intention of making an initial public offering based on the Galeana property as a principal asset. Duran mapped and sampled all the accessible historic workings and made preparations for a diamond drill program to test the known ore shoots to depths beneath and along strike from the historic stopping. In 1999, Duran was unable to raise the funds necessary to carry out the proposed exploration, and as a result, Duran terminated their option on the Galeana property.

In 2002, the Company carried out a limited program of geologic and alteration mapping.

In April 2003, Grid carried out an exploration program that consisted of geological mapping, rock and soil geochemical sampling and Induced Polarization geophysics.

At the Miguel Ahumada zone, Grid has reported that fault breccia, epithermal quartz veining and quartz vein breccia, has been traced for over 500 meters. The zone, where exposed by a number of open cuts, pits and adits, varies from

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1 meter to more than 3 meters in thickness. Four grab samples of banded quartz vein clasts from a breccia were taken by Grid in the Ahumada adit. Four surface samples of quartz float were taken by Grid 150 meters to the northeast of the eastern-most opening. Two anomalous soil samples taken 150 meters to the north of the above-mentioned high-grade quartz float, indicate the presence of an undiscovered auriferous vein and represent a high priority target for follow-up work. Along strike to the southwest of the Ahumada zone, results of soil sampling and quartz vein float sampling has extended the zone 200 meters and indicates the zone is open to the southwest. I.P. surveys carried out over the four lines crossing the Ahumada trend suggest that several parallel veins may be present. One kilometre north of the Ahumada zone, the Falda Norde structure sampling by Grid returned anomalous to highly anomalous gold values from rock and soils over a 800 meter strike length. The best results were returned from a chip sample taken in the Falda Norde adit across a zone of banded limonitic epithermal veining, vein breccia and clay gouge.

Mapping of alteration mineralogy in the Galeana area, petrographic analysis of quartz vein textures, fluid inclusion microthermometry and the low silver to gold ratios of veins sampled, all support the interpretation that the exposed veins represent a high level within the original hydrothermal system. This interpretation coupled with the identification of high gold grades in fragments found in breccia bodies identified on the property, suggest that the potential to identify high grade gold and silver ore shoots in the veins may increase with depth.

### ***Geology and Mineralization***

The property covers two major vein systems, the Miguel Ahumada - Estrella de Oro trend and the San Geronimo trend, both of which have had limited historic gold production. Both vein systems represent classic banded quartz-adularia-carbonate low sulphidation epithermal veins. The veins are exposed in dominantly andesitic flows of the upper part of the Lower Volcanic Sequence of the Sierra madre Occidental volcanic province although alteration and veining continue into the lower part of the Upper Volcanic Sequence. Ignimbrites of the Upper Volcanic sequence have been observed at higher elevations on the property.

### ***Drilling Results***

In April 2004 Grid reported that recent prospecting has encountered gold-silver mineralization in epithermal quartz-carbonate float found in the area of the Estrella de Oro vein structure. The area is located two kilometers to the south along the projected strike extent of the Ahumada zone.

A diamond drill program initiated in February 2004 was suspended while road access was completed to the primary drill target, the Ahumada zone, which has not yet been drilled. Initial drill testing with three diamond drill holes on a secondary target, the Falda Norte Zone, was completed. The drill holes did not intersect the down-dip projection of the Falda Norte structure due to postmineral dike and faulting. The drilling did not provide a conclusive test of the Falda Norte vein structure and continuing geological interpretation of the initial drill results will determine if further drill testing is warranted. Drill testing of the Ahumada zone will commence as soon as a drill can be mobilized.

### ***Planned Work Program for Fiscal 2004, ending December 31, 2004***

The Company has no planned exploration program for Fiscal 2004 with all work being conducted by Grid who are working to earn their interest in the prospect. Grid has advised that it is planning a more detailed prospecting and mapping program expected to commence shortly in the area of the Estrella de Oro vein structure and drill testing of the Ahumada zone will commence as soon as a drill can be mobilized.

### **The El Pulpo Prospect - Mexico**

The El Pulpo Prospect is without known reserves and all current work by the Company on the prospect is exploratory in nature.

### ***Option to Acquire Interest***

The Company's subsidiary acquired a 100% interest in the Gavilan claims by staking in December 2001.

In April 2003, the Company entered into an agreement with Ross River Minerals Ltd. ("Ross River"). To earn an initial 50.1% interest, Ross River must maintain the property in good standing, incur exploration expenditures totalling US\$2,000,000 and issue 425,000 shares to the Company by April 30, 2008. Ross River can increase its interest to 60% by incurring a further US\$1,000,000 of exploration expenditures by April 30, 2010.

Two additional claims, which are surrounded by the Gavilan claims, were optioned from private Mexican individuals in 2003. To earn a 100% interest, the Company must pay US\$162,000 plus value added tax by February 2005. The two claims are subject to a 1% NSR which can be purchased for a fixed payment of US\$300,000 plus value added tax. The optionors have the right to conduct small scale (less than 40 tonnes per day) mining operations. An agreement to option a further three claims is expected to be finalized when the optionors (the same group of private Mexican individuals) complete underlying documentation. Similar terms are agreed to with the NSR buyout amount to be US\$200,000. These will all come under the deal with Ross River, and that company is responsible for all payments on these claims while its option is in good standing.

#### ***Expenditures to Date***

As at December 31, 2003, the Company had deferred \$95,203 in acquisition and exploration costs on the property.

#### ***Location and Access***

El Pulpo is located north-east of Mazatlan, Mexico and covers an area of approximately 120 square kilometres. Access to the mineral claims is by Highway 15 to San Ignacio and then by all season dirt road to Vado Hondo.

#### ***History and Recent Work***

The optioned claims have numerous old historic workings explored in the past for gold and copper.

The El Pulpo prospect was discovered by a major company in the early 1970's. A soil and rock geochemical sampling program was carried out at that time and produced a copper anomaly associated with a K-silicate altered and stockwork veined intrusive body. A prominent consultant visited the property at that time and wrote a report, now in the Company's possession, recommending work including exploration tunnelling. The Company believes that no other significant work has been performed on the property until the current claim was staked. Late in 2002, the

Company conducted stream silt geochemical survey over parts of the claim block, this work detected several gold-copper anomalies, rock sampling also found several areas with anomalous gold copper and silver values.

### *Geology and Mineralization*

The El Pulpo project represents a large area of porphyry-style alteration and mineralization developed in the Tertiary age Sinaloa batholith and known alteration and mineralization covers an area 8 km by 8 km. This alteration is manifested by quartz-tourmaline veining, associated with copper-gold and molybdenum values peripheral to a zone of stockwork quartz veining associated with copper values. Later Miocene lithic tuffs cover part of the claim area.

Ross River has informed the Company of the following results from fieldwork carried out by Ross River during March and April 2003:

**El Bagre Target:** The El Bagre Target exhibits altered calc-alkaline intrusive quartz stockwork mineralisation hosting both oxide and sulphide copper mineralisation. Four widely spaced rock samples collected over an area of one square kilometre averaged 1.43 % copper, 0.13 g/t gold and 52.4 g/t silver.

**Papaya Target:** The Papaya Target is one kilometre north of the El Bagre Target. Of nine samples collected from a vein by Ross River, seven assayed over 1 g/t gold. The values of these seven samples ranged from 1.00 g/t gold to 30.66 g/t gold, with an average of 8.47 g/t gold, 90.4 g/t silver and 5.11 % copper over a width of 1.5 to 2 metres.

**El Tiburon Target:** The El Tiburon target is a further one kilometre north of the La Trucha target. Grab samples indicate a zone where follow-up is warranted.

In May 2003 Ross River reported initial results from a large sampling and mapping program. In this program several vein systems were identified and sampled including the Papaya and Trucha areas. Ross River reported that the Papaya vein system has been traced over 2 kilometers. Ross River has reported that the vein was identified 1.0 to 1.3 kilometers along strike where grab samples taken have returned anomalous values in gold and copper. On the Trucha vein system located 2 kilometers north of the Papaya area, Ross River reported that the mineralized zone explored so far is 1,200 metres long and 850 metres wide within which six veins have been recognized. The discovery showing

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occurs on a ridge and consists of sub-outcrop of quartz-tourmaline veining exhibiting hematite and copper oxides and is three metres wide. Ross River reported analyses from two new grab samples taken across the width of the showing.

Ross River also reported that two additional veins to the west and within 400 metres of the Papaya vein (Juana and Cerro Blanco veins) have been traced over the same strike length as the Papaya vein and that four additional parallel veins in the same area have been discovered but have yet to be sampled. This system is open along strike both to the north and south and the full widths of all the veins remain to be delineated.

Ross River also reported results from the La Trucha target located 2 kilometres northeast of the Papaya target.

Approximately one kilometre along strike to the southwest another area of sub-outcropping quartz-tourmaline veins exposed through overburden cover and Ross River has reported the results of sampling from this zone.

Ross River has reported that the veins whose assays were reported on La Trucha and its southwest extension are open along strike to the southwest and northeast.

In November 2003, Ross River informed Almaden that it has discovered a new area of porphyry style alteration and mineralization. Ross River released the results of the initial findings of this work in a news release, an excerpt from which follows:

*"Ross River Minerals has discovered a new copper porphyry zone and extended the known mineralized zones of both the Papaya and La Trucha targets on its El Pulpo property in Mexico. To date, the company has identified three copper porphyry targets and four gold-silver-copper vein targets on the 200-square-kilometre property.*

*A new area, named the Langosta target, consisting of strong quartz-sericite-pyrite (phyllic) alteration with stockwork quartz veining, has been identified extending southward along a tributary creek (Quebrada Magistral) 2,000 metres east of the Papaya target, approximately 2,500 metres southwest of La Cetolla copper porphyry target and 600 metres northeast from the El Bagre copper target on Rio Los Frailes. Phyllic alteration is observed, to date, on the north side of Rio Los Frailes over a distance of 100 metres and over a distance of 150 metres on the south side of Rio Los Frailes. This alteration extends outward from a core of potassic alteration consisting of secondary biotite and potassium feldspar and minor magnetite over a distance of 210 metres in a southerly direction. These two styles of alteration characteristic of porphyry systems are hosted within an altered granodiorite to quartz-diorite intrusive complex.*

*Copper mineralization observed along Quebrada Magistral, within the altered granodiorite to quartz-diorite, consists of veinlets, disseminations and clusters of chalcopyrite (approximately 5 to 10 per cent). At higher elevations within this mineralized area, clusters of arsenopyrite mineralization (approximately 1 to 5 per cent) have also been identified. Secondary copper oxides within this area consist of malachite and black copper oxides. The extent of the mineralized area mapped so far measures approximately 100 metres (north to south direction) and 75 metres (east to west direction) and remains open in all directions. A total of 25 panel and chip samples have been taken from this area and analytical results are pending. Geologic mapping and sampling are continuing to determine the dimension and grade of this altered and mineralized porphyry system. Samples are being prepared at GM-Lacme Laboratories*

*in Guadalajara, Mexico, with final analyses being carried out by Acme Analytical Laboratories Ltd. in Vancouver, B.C. Victor Jaramillo, P.Geo, is the qualified person supervising the work in this area."*

In December 2003, Ross River provided the Company with the following results in the form of a news release, an excerpt from which follows:

*"Continued geological mapping and sampling of the La Langosta target have outlined a zone of potassic and phyllic alteration covering an area approximately 2.0 kilometres long by 1.5 kilometres wide. A larger propylitic alteration zone occurs outside the phyllic alteration envelope. The potassic core is characterized by secondary biotite and potassic feldspar veining. Outside this zone occurs a quartz-sericite-pyrite alteration (phyllic) envelope and then an outer propylitic altered zone characterized by pervasive chlorite,*

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*disseminated pyrite and calcite veinlets. The limits of the propylitic alteration have yet to be defined. These alteration zones remain open to the southwest.*

*From observations of limited outcrop, copper (chalcopyrite and copper oxides) and minor molybdenite mineralization appears to be concentrated within an area of approximately 1,500 metres by 750 metres. The earlier identified El Bagre target lies within the La Langosta porphyry system, within the potassic altered envelope and is characterized by chalcopyrite, copper oxide and minor molybdenite mineralization as veinlets and disseminations.*

*Ross River is still defining the structural controls within this porphyry system. However, the topographic relief, from Rio Frailes to the ridges 750 metres southeast, exposes the mineralized system vertically over 200 metres. This extends from a potassic zone, with chalcopyrite mineralization, near Rio Frailes, in the north, to a topographically higher phyllic altered zone containing secondary iron and copper oxides to the southeast.*

*Preliminary analyses have been received for 24 samples, taken from the initial discovery area of 100 metres by 75 metres, include copper sulphides, mixed copper sulphides and oxides and leached oxide cap."*

In January 2004, Ross River provided the Company with the following results in the form of a news release, an excerpt from which follows:

*"Ross River Minerals Inc. (the 'Company') is pleased to report that the 2003 field season concluded with the Company completing 9.5 kilometres of new trail construction and expanding the already extensive Papaya and La Trucha vein systems on the Company's property located in Sinaloa State, Mexico. In addition, the Company discovered seventeen new mineralized veins. Of these, seven have greater than 300 metres of strike length traced to date. All seventeen remain open along strike.*

*The new 1.5 kilometre access trail to the La Trucha target passed through a well-mineralized new area (La Plancha) which shows very strong tourmaline-quartz-copper oxide and sulfide mineralization in five shallow dipping veins, one of which has 2.0 metres of exposed width. Four other veins have been identified in this area with lesser-exposed widths but with equally strong mineralization. A total of 37 rock samples were collected from the La Plancha area.*

*At the La Trucha target 500 metres of trenching using a Cat D7E bulldozer has been completed to date. The southerly vein ('F'vein), was cut in two locations and showed strong fracturing and faulting within tourmaline-quartz veining and copper oxides. Assay results are pending. Further trenching using a tracked excavator will commence mid January 2004.*

*Exploration at the Papaya target included 1,200 metres of trail rehabilitation and over 350 metres of trenching at two locations in the down-dip (western) direction of the vein. At the northern location (Papaya Norte) the 40 degrees dipping quartz-tourmaline vein was exposed over 7 metres width. At the southern trenched area (Papaya Sur), 350 metres south of Papaya Norte, five subparallel veins identified to date, ranging from 0.1 to 1.5 metres wide, occur on the footwall (east) side of the 10 metre wide main vein. Assays are pending.*

*A newly discovered vein (Pitayo) has been found 200 metres southeast of the trenched Papaya Sur zone. The Pitayo vein appears to be subparallel to the Papaya vein and is exposed over greater than 4.0 metres width. Six other veins identified to date with lesser-exposed widths were discovered during trail access construction. Two of these veins are observed to be crosscutting and exhibit extensive copper and iron oxides. Assays are pending.*

*During January, as development of the 2 kilometre access trail along the Papaya vein continues, trenching to expose the full width of these veins will take place. Over 1,000 metres of reconnaissance geological mapping and rock sampling along the proposed trail/trench has revealed five mineralized areas to date.*

*The Company has discovered a new zone (El Sauz), extending 1.6 kilometres north of the Papaya target, of tourmaline-quartz-copper oxide vein mineralization. A total of 26 samples were collected and analysed.*

*In addition, during geological reconnaissance, a float sample of massive sulfide was found in a creek bed in the El Sauz area near the La Trucha and La Plancha drainage divide. The float sample returned values of gold and silver. Its geochemistry is similar to other veins in the La Trucha area, however the source of this float has yet to be discovered."*

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***Planned Work Program - Fiscal 2004, Ending December 31, 2004***

The Company has no planned exploration program for Fiscal 2004 with all work being conducted by Ross River who are earning their interest in the prospect.

Ross River has advised that its 2004 exploration program on the Papaya and La Trucha targets will consist of 111.5 line kilometres of line cutting, soil geochemistry and Induced Polarization and magnetometer geophysical surveys.

Airborne photography covering the property will be completed followed by production of orthophoto and topographic maps and structural interpretation. Upon completion of the trail along the Papaya vein zone, further excavator trenching of the La Trucha and Papaya vein systems will follow. Following the completion of this work, targets will be defined and diamond drilling will commence on both the Papaya and La Trucha vein systems about mid-May.

### **The Fuego Prospect - Mexico**

The Fuego Prospect is without known reserves and all current work by the Company on the prospect is exploratory in nature.

#### ***Option to Acquire Interest***

During Fiscal 2003, the Company's subsidiary, Compania Minera Zapata, S.A. de C.V., acquired 100% interest in the prospect by staking. The project fell under the area of influence of the BHP Billiton joint venture discussed below, and under terms of this joint venture it was offered to BHP, who declined to participate.

Subsequent to December 31, 2003, the Company entered into an agreement with Horseshoe Gold Mining Inc. ("Horseshoe"). To earn an initial 50% interest, Horseshoe must maintain the property in good standing, incur exploration expenditures totalling US\$2,000,000 and issue 1,000,000 shares to the Company by December 31, 2006. This includes a firm commitment to spend US\$200,000 by June 30, 2004 and issuing 200,000 shares to the Company upon regulatory approval. Horseshoe can increase its interest to 60% by incurring a further US\$1,000,000 of exploration expenditures by December 31, 2007. Horseshoe's right to increase its interest to 60% is subject to approval by its shareholders of the acquisition of Almaden's remaining 40% interest. Upon earning a 60% interest in the prospect, Horseshoe would have 120 days to acquire Almaden's remaining 40% interest in the prospect in return for a 40% interest in the issued capital of Horseshoe, to be issued by Horseshoe to Almaden at that time.

#### ***Expenditures to Date***

During Fiscal 2003, the Company incurred \$13,665 in acquisition costs and \$16,707 in exploration costs. As at December 31, 2003, the Company had deferred \$30,372 in acquisition and exploration costs on the property.

#### ***Location and Access***

The prospect is located in south central Oaxaca State, Mexico and is accessible from the city of Oaxaca by paved highway southeast for 114 kilometers to San Pedro Totolapan, then by unpaved road south for 24 kilometers to San Maria Zoquitlan and a further 32 kilometers of rough winding road extending in a southeasterly direction.



### ***Infrastructure***

There is no infrastructure within the immediate area of the prospect.

### ***History and Recent Work***

Limited historic mining was last carried out on the prospect in 1905 from open cuts and small scale, shallow underground openings on at least 3 separate quartz veins.

A recent program of geological mapping and limited sampling has identified a NNE-trending quartz-adularia vein system at least 600 meters in length. The most significant gold-silver values from recent sampling occur along this structure.

### ***Geology and Mineralization***

The prospect is a high-level, classic quartz-adularia epithermal vein system. The textures identified, including fine

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grained silica and electrum banding and bladed calcite, are typical of that associated with bonanza grade epithermal vein systems worldwide. Some limited historic workings exist on one of several banded veins identified within a more than 20 meter wide zone of veining and silicification in volcanic rocks. Banded quartz-adularia veins within the vein system generally dip shallowly and are up to 5 meters wide. In the initial work the parallel vein system has been traced nearly a kilometre along strike. To date 16 grab and chip rock samples have been taken on the property of both banded quartz adularia vein material and silicified volcanic wall rock. Visible gold was recognised in several hand specimens collected on the property which were not sent for analysis. The property has excellent infrastructure and represents an epithermal vein system that has had no modern exploration.

### ***Exploration Results***

The El Fuego vein system was first examined and sampled by Almaden during a helicopter-supported reconnaissance exploration project in March 2003. There is no evidence of any recent work on the prospect. In December 2003, a reconnaissance style, field appraisal that included geological mapping and limited rock sampling was carried out by an independent geologist.

### ***Planned Work Program - Fiscal 2004, Ending December 31, 2004***

The Company has no planned exploration program for Fiscal 2004 with all work being conducted by Horseshoe who are earning their interest in the prospect.

Geologic mapping, geochemical rock and soil sampling have been carried out by Horseshoe and geophysical surveys are to define the extent of the vein system and the distribution of gold and silver. Samples have been selected for fluid inclusion analysis which will be carried out to confirm the field observation that the veins appear to be shallowly eroded.

### **BHP Billiton Joint Venture - Mexico**

On May 9, 2002, the Company entered into a joint venture agreement with BHP Billiton World Exploration Inc. ("BHP") to undertake exploration in eastern Mexico. Under terms of the joint venture, each company is committed to fund U.S.\$200,000 of exploration in the first year. To earn a 51% interest in any property which may be acquired, BHP must fund an initial US\$1,000,000 of exploration, after which both companies are committed to fund a further US\$750,000 of exploration. If either company fails to make its contribution, it would be diluted to a 2% net smelter return royalty. If both companies maintain their interest of funding, BHP can earn a further 19% interest in each project by completing a feasibility study. An additional 10% interest can be earned by BHP by funding the property into production.

An initial helicopter-borne reconnaissance program was completed in May 2003 over the area of interest of the joint-venture program. A 100% interest was acquired by staking in two properties identified during this program. The properties, named Fuego and Cerro Colorado, are located very close to one another in Oaxaca State. The Fuego and Cerro Colorado projects have been offered to BHP Billiton under terms of the joint venture agreement.

The Fuego property is a high-level, classic quartz-adularia epithermal vein system. The textures identified, including fine grained silica and electrum banding and bladed calcite, are typical of that associated with bonanza grade epithermal vein systems worldwide. Some very limited surficial historic workings exist on one of several banded veins identified within a more than 20 meter wide zone of veining and silicification in volcanic rocks. Banded quartz-adularia veins within the vein system generally dip shallowly and are up to 5 meters wide. In the initial work the parallel vein system has been traced nearly a kilometre along strike. To date 16 grab and chip rock samples have been taken on the property of both banded quartz adularia vein material and silicified volcanic wall rock. Samples of banded quartz vein material returned anomalous values that warrant follow up. Visible gold was recognised in several hand specimens collected on the property which were not sent for analysis. The Fuego property has excellent infrastructure and represents an entirely unexplored epithermal vein system. Geologic mapping, geochemical rock and soil sampling and geophysical surveys are planned to define the extent of the vein system and the distribution of gold and silver. Samples have been selected for fluid inclusion analysis which will be carried out to confirm the field observation that the veins appear to be shallowly eroded.

The Cerro Colorado property represents a new discovery as the colourful hydrothermal alteration was recognised by

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the geologic crew passing by in a helicopter. The property covers an area of intense hydrothermal alteration developed in volcanic rocks intruded by quartz-feldspar porphyritic rocks. Highly weathered and oxidised silicified and acid leached porphyritic rocks occur over a more than 2 kilometer by 2 kilometer area. These rocks display classic "vuggy silica" textures. This texture is common in rocks that have been exposed to highly acidic hydrothermal fluids and is indicative of a high-sulphidation epithermal system. This style of mineralisation hosts major gold silver deposits worldwide, including the giant Peirina and Yanacocha gold deposits in Peru. The areas of vuggy silica are intimately associated with broad areas of intensely argillic altered host rocks. Initial samples from outcropping vuggy silica and argillic alteration have returned only anomalous values of gold, silver, arsenic and antimony, however this is not uncommon in surface exposures of weathered gold-rich vuggy silica bodies elsewhere. Geologic mapping, geochemical rock and soil sampling and geophysical surveys are planned to define the extent of the vuggy silica bodies and the distribution of gold and silver. BHP Billiton determined that the Fuego and Cerro Colorado properties were not copper prospects, and quitclaimed the two properties to the Company.

In addition to the Fuego and Cerro Colorado properties, several areas of significant mineralisation and alteration for follow-up were noted in the initial program. Additional work programs are currently being planned for follow-up work on these areas.

### **The Ram Prospect - Canada**

The Ram Prospect is without known reserves and all current work by the Company on the prospect is exploratory in nature.

#### ***Option to Acquire Interest***

The Ram claims were acquired from the Company's predecessor ("Fairfield") and are 100% owned by the Company.

In May 2000, Fairfield entered into an agreement with Ross River Gold Ltd. (now Ross River Minerals Inc. ("Ross River")) whereby Ross River can earn a 70% interest in the prospect by incurring \$500,000 in exploration expenditures by April 1, 2006 and issuing to the Company a total of 390,000 shares (amended). Ross River has also paid the Company \$21,000 in consideration for an extension to the agreement.

#### ***Expenditures to Date***

As at December 31, 2003, the Company had expensed all acquisition and exploration costs and is carrying this property at \$1.

### ***Location and Access***

The Ram prospect is in the Watson Lake Mining District, 260 kilometers northeast of Whitehorse, and 45 kilometers south of Ross River, Yukon Territory. The claims are accessible by seasonal four-wheel drive road originating from the South Canol Road (Highway 8).

### ***History and Recent Work***

The current 69 Ram claims formed part of a much larger block of 758 claims staked in 1984 and 1985 by Regional Resources Ltd. (Fairfield's predecessor), to cover gold-silver and base metal geochemical anomalies and mineral occurrences. Work completed by Regional in 1985 included line cutting, grid geochemical surveys, geological mapping, prospecting and minor hand trenching.

Title to the entire claim group was transferred to Fairfield in 1986. During 1987, Fairfield conducted further grid soil sampling, reconnaissance rock sampling and ground geophysical surveys. In 1988, Fairfield and joint venture partner Equity Silver Mines Ltd. carried out diamond drilling and additional soil geochemistry. Thirty-one BQ core holes totaling 3723 metres were drilled to test five separate targets on the property. Fifteen of these holes tested the Vole, Trout and Mouse Showings located on the presently existing (69) claims.

From 1991 to 1999, the property was under option to Pacific Comox Resources Ltd. which conducted airborne and ground geophysical surveys, and a reverse circulation drill program that included six short holes on the present (69) claims. The claim holdings were reduced to this number by December 1993.

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In May 2000 the Ram claims were optioned by Ross River which in turn optioned them, together with its larger adjoining Tay-LP land package, to Newmont Exploration of Canada Limited ("Newmont"). Fieldwork in the Ram area by Newmont during 2000 included airborne magnetic and electromagnetic (EM) geophysical surveys, geological mapping and prospecting, soil and rock geochemical sampling, and auger overburden drill sampling. Newmont terminated its option on the entire Ram/Tay-LP project in December, 2001.

During 2002, Ross River carried out further prospecting and rock sampling on the Ram claims, as well as diamond drilling of four holes totaling 342.6 metres to test EM and geochemical anomalies.

### ***Geology and Mineralization***

The present claim area is underlain by a sequence of moderately deformed and metamorphosed Lower Paleozoic sediments intruded by probable Cretaceous age granitic rocks. Lithologies comprising the stratigraphic assemblage include phyllite, schist, dolostone, quartzite and slate. Calc-silicate hornfels and chlorite-magnetite skarn occur at or near intrusive contacts.

Auriferous mineralization on the property is dominantly hosted by phyllite and occurs as irregular quartz-sulphide masses, veins and stockworks, breccias, skarn/hornfels, and local replacements of thin calcareous interbeds. Sparse intrusive exposures are variably silicified, clay altered and also locally contain quartz-sulphide veins and sulphide disseminations. A prominent regional domal uplift of the stratified rocks is interpreted to reflect the presence of buried intrusions responsible for the mineralizing events. The style and setting of the various occurrences are consistent with the model of intrusion related gold systems along the Tintina Gold Belt of central Yukon and Alaska, within which the Ram prospect is situated.

The gold is associated with quartz-tourmaline, pyrrhotite, pyrite, bismuthenite, tellurides, chalcopyrite, arsenopyrite and galena. Best mineralization discovered to date occurs at the Vole Showing, where drilling in 1988 intersected a quartz-sulphide stockwork zone assaying 2.2 g/t gold over 5.3 metres. Approximately 1300 metres south of this area, a 5-metre wide quartz-sulphide vein outcrops at the Trout Showing. This showing was also drill tested in 1988; silver assays of up to 101.8 g/t over 1.74 metres were returned, but gold values were low.

### ***Infrastructure***

There is no infrastructure in place on the prospect.

### ***Drilling Results***

During Fiscal 2002, Ross River completed four diamond drill holes totaling 342.6 metres on the Ram claims, to test EM and geochemical anomalies. No significant gold assays were obtained from core samples.

### ***Planned Work Program - Fiscal 2004, Ending December 31, 2004***

The Company has no planned exploration program for Fiscal 2004. Ross River is maintaining its option on the property. The claims are in good standing to December 31, 2004, and may be extended beyond that date pending Ross River's filing of assessment credits for the 2002 work program.

### **The Rock River Coal Prospect - Canada**

The Rock River Coal Prospect is without proven reserves and all current work by the Company on the prospect is exploratory in nature.

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#### ***Option to Acquire Interest***

During Fiscal 2002, the Company acquired a 50% interest in four coal exploration licenses covering 187,698 acres in the Yukon Territory through application to Indian and Northern Affairs Canada. Santoy Resources Ltd. ("Santoy"), formerly Troymin Resources Ltd. ("Troymin"), holds the remaining 50% interest. The licenses were originally applied for by the Company's President during Fiscal 2001 and when granted, a 50% interest was for the benefit of the Company and a 50% interest was for the benefit of Troymin. The licenses are subject to a gross over riding royalty ("GORR") of 3% payable to H. Leo King upon the licenses being issued. The joint venture can also purchase up to 2% of the GORR for \$1,000,000 for each per cent.

#### ***Expenditures to Date***

During Fiscal 2003, the Company incurred expenditures of \$18,770 for the third year lease deposit and exploration costs of \$10,840 which will be used to apply for a refund of lease deposits. As at December 31, 2003, the Company had deferred costs of \$43,707 on this prospect.

#### ***Location and Access***

The licenses are located in the Watson Lake Mining District in the Yukon Territory, 100 kilometres north east of Watson Lake. Access is by helicopter. A winter road extends to 10 kilometres of the property.

#### ***History and Recent Work***

Coal was discovered by Sulpetro Minerals Ltd. in the Rock River Basin in July 1980 and five holes were drilled in 1981 for a preliminary evaluation of the coal potential. A gravity survey of the entire basin on widely spaced lines was carried out in 1982. This survey identified nine responses possibly sourced by coal units. These can be divided into six anomalous areas, one of which includes the known coal beds. Near surface coal was intersected in drill holes one and two. A Yukon Government publication, "Yukon Exploration and Geology 1983" reports that Sulpetro staff estimated 56,000,000 tonnes of lignite coal lies within 80 metres of the surface in the vicinity of holes 1 and 2. Analyses indicated a thermal content of 6645 BTU at equilibrium moisture and a waste to coal ratio of 2:1. The coal

ranks from lignite A to subbituminous C. The Almaden/Troymin joint venture conducted a review of government and Sulpetro data. During the summer of 2003, a geological review and reconnaissance program was carried out on the prospect by Aurora Geosciences Ltd.

### ***Geology and Mineralization***

Tertiary strata in the Rock River Basin accumulated in an inter montane valley whose geometry and history was probably controlled by subsidence related to the Rock River fault. Coal deposits in the Rock River Basin are interpreted as products of desposition in forest moor environments associated with stable channel fluvial systems. If the elongate gravity anomalies identified by Sulpetro are coal the ultimate coal potential of the property is very high. To prove up coal resources would require an extensive program of closely spaced holes.

### ***Planned Work Program - Fiscal 2004, Ending December 31, 2004***

The Company has no planned exploration program for Fiscal 2004. The Company is required to file a statement of work or remit fees based on \$0.05 per acre in year one, \$0.10 per acre in year two and \$0.20 per acre in year three. The licenses expire on July 30, 2004 but are renewable on the same terms. It is the Company's intention to renew the licenses at that time.

### **The PV Prospect - Canada**

The PV Prospect is without known reserves and all current work by the Company on the prospect is exploratory in nature.

### ***Option to Acquire Interest***

The claims comprising the PV prospect were acquired by staking by the Company's predecessor ("Fairfield") in October 2001 and are 100% owned by the Company.

Subsequent to December 31, 2003, the Company entered into an agreement with Consolidated Spire Ventures Ltd. ("Spire"). To earn a 60% interest, Spire must incur exploration expenditures totalling \$1.3 million and issue 600,000 shares to the Company by January 10, 2007. This includes a firm commitment to spend \$100,000 by December 31, 2004

and issuing 100,000 shares to the Company upon regulatory approval.

### ***Expenditures to Date***

During Fiscal 2003, the Company incurred \$5,824 in additional staking costs and \$29,635 in exploration costs including a geophysical IP survey. As at December 31, 2003, the Company had incurred \$124,421 in acquisition and exploration costs on the property.

### ***Location and Access***

The property is located approximately 50km west of Merritt, British Columbia and access to the claims is by road.

### ***History and Recent Work***

A preliminary program carried out in October 2001 consisted of prospecting and reconnaissance scale rock and soil geochemistry. This work resulted in the discovery of widespread and locally abundant gold bearing quartz vein float

Initial soil sampling at 50-meter intervals was conducted along a network of old logging roads and trails throughout the claim block. Analytical results from the 280 soil samples taken have outlined anomalous gold (0.01-0.16 g/t Au) and arsenic (8-20 s/t As), mainly within the one square kilometer area containing the most abundant quartz float.

2002 field work consisted of initial coarse grid soil geochemistry, multiple stages of detailed (infill grid) soil geochemistry, minor portable auger (soil) sampling, substantial further prospecting and reconnaissance (rock, silt, soil) sampling, plus mechanical excavator trenching and test pitting with related mapping and rock/basal soil sampling. Totals of 1241 soil, 123 rock and 11 stream sediment samples were collected and shipped to Acme Analytical Laboratories Ltd. in Vancouver, BC for 35-element geochemical analysis.

The mineralization found to date consists of gold bearing quartz vein and breccia float showing distinct low sulphidation type epithermal textures with values up to 1.112 oz/ton gold. The quartz float is predominantly concentrated around Bonanza Creek on the western claims and its source has not yet been determined. However, current field evidence indicates a local volcanic host sequence. Fluid inclusion studies on a few samples of the quartz vein material have reported formation temperatures of ~200degrees Celsius, indicating only shallow erosion of the source epithermal system.

A total of 1385 grid and road soil samples have defined multiple element geochemical anomalies in the area of Bonanza Creek resulting in a 660-metre (2,165-ft.) trenching program undertaken in October 2002. Test pits were



dug to a depth of five metres (16.4 ft.) at fifteen locations on the west side of Bonanza Creek but no bedrock was reached. Intermediate volcanic flows and pyroclastics with varying degrees of carbonate and clay alteration were uncovered by excavation on the east side of Bonanza Creek. Narrow north-trending quartz stringers were exposed and sampled but no significant gold values were returned.

A five kilometre IP geophysical survey was carried out over the Bonanza creek area in October 2003.

### ***Geology and Mineralization***

The prospect was staked to cover widespread occurrences of significant gold bearing quartz vein and quartz breccia float showing textures typical of low sulphidation epithermal systems. Although the claim area is extensively covered by glacial till, most of the mineralized float is angular and local volcanic bedrock exposures exhibit strong alteration and oxidation.

### ***Planned Work Program - Fiscal 2004, Ending December 31, 2004***

The Company has no planned Fiscal 2004 exploration program with all work being conducted by Spire who are earning their interest in the property.

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### **The MOR Prospect - Canada**

The MOR Prospect is without known reserves and all current work by the Company on the prospect is exploratory in nature.

### ***Option to Acquire Interest***

The claims comprising the MOR Prospect were acquired by staking by the Company's predecessor ("Fairfield") during August 1997 (MOR 1-4), August 1998 (MOR 5-8) and September 1998 (MOR 9-12). The MOR 13 to 52 claims were added in April 1999 when the prospect was optioned to Brett Resources Inc. ("Brett"). Brett carried out an exploration program and then returned the prospect to Fairfield in December 1999. The claims were transferred to the Company upon amalgamation. The surface rights are held by the Teslin Tlingit Council/Yukon First Nations, from whom permission is required for entry to conduct work.

In August 2003, the Company entered into an agreement with Kobex Resources Ltd. ("Kobex") on the claims comprising the MOR, Caribou Creek and Cabin Lake prospects. To earn an initial 50% interest Kobex must incur exploration expenditures of \$50,000 by August 31, 2004 and issue 100,000 shares to the Company. To maintain the option in good standing, Kobex must incur a further \$450,000 in exploration expenditures by August 31, 2007 and issue an additional 300,000 shares to the Company in installments of 100,000 shares by August 31, 2005, 2006 and 2007 respectively. Kobex can increase its interest to 60% by incurring a further \$500,000 of exploration expenditures by August 31, 2008 and issuing a further 100,000 shares to Almaden. Upon commencement of commercial production, Kobex would be required to issue an additional 500,000 shares to Almaden.

### ***Expenditures to Date***

During Fiscal 2003, the Company incurred \$219 in costs on this prospect. As at December 31, 2003, the Company had deferred \$62,024 of acquisition and exploration costs, net of write-downs and recoveries, on the prospect.

### ***Location and Access***

The MOR prospect is located 9km north of the Alaska Highway in the Morley River area of southern Yukon Territory and consists of 52 contiguous mineral claims in the Watson Lake Mining District. Access is by helicopter from a staging area on the Alaska Highway.

### ***History and Recent Work***

The initial MOR claims (1-4) were staked in August of 1997 to cover a small zone of significant base and precious metal values in soil and in gossanous schist subcrop (Discovery Showing), located during follow-up of regional stream sediment anomalies identified by Fairfield's predecessor company in 1980. Subsequent work in 1997 focussed on hand pitting and trenching in this area, but also included prospecting and reconnaissance (silt, soil, rock) sampling elsewhere on and around the four claims.

During 1998 Fairfield added 8 claims (MOR 5-12) and carried out grid soil geochemistry (21 line-km / 432 samples), ground magnetic and VLF-EM geophysical surveys (11 line-km), limited blast trenching in the Discovery Showing area, and minor prospecting with reconnaissance rock sampling.

In April 1999, Brett Resources Inc. optioned the property from Fairfield and staked 40 additional claims (MOR 13-52). Brett subsequently conducted a soil geochemical survey (22 line-km / 442 samples) covering some of the new claims, property-wide preliminary geological mapping at 1:10,000 scale, more detailed (1:1,500) geological mapping in areas of known mineralization, prospecting and rock sampling, plus claim tagging. Brett relinquished its option on December 31, 1999.

Field work in 2000 consisted of additional grid soil geochemistry (43 line-km) and ground magnetic, VLF-EM geophysical surveys (29.5 line-km); detailed grid based soil profile and bedrock sampling by portable power auger, further prospecting with reconnaissance rock sampling, plus handheld GPS-surveying of the claim post, grid line and

sample locations. A total of 1223 samples were collected and shipped to Acme Analytical Laboratories Ltd. (Vancouver, B.C.) and ALS Chemex (North Vancouver, B.C.) for multi-element analysis.

A two-week prospecting program was undertaken in July 2001. A total of 197 portable power auger soil samples and 6

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rock samples were collected. All samples were shipped to Acme Analytical Labs for analysis.

***Geology and Mineralization***

The MOR claims are underlain by deformed and metamorphosed volcanic and sedimentary rock assemblages of Devonian-Mississippian age. These assemblages include the Big Salmon Complex which in part has been correlated to Yukon-Tanana stratigraphy that is host to several important volcanogenic massive sulphide deposits in the Finlayson Lake district, 160 kilometres to the northeast.

The main mineralized zone at MOR is closely associated with several subparallel felsic schist/tuff horizons within a dominantly mafic volcanic sequence. Mineralization at the Discovery Showing, exposed by limited hand trenching during 1997-98, consists mainly of coarse grained pyrite and chalcopyrite in quartz-sericite and chlorite schists. Bedrock chip samples from this locality have returned analyses in the following ranges: copper (Cu) 0.05 to 1.5%, lead (Pb) 0.04 to 0.51%, zinc (Zn) 0.04 to 0.55%, silver (Ag) 7.5 to 82.2 g/t, gold (Au) 0.15 to 8.91 g/t. Work programs in 1998 and 1999 have traced the mineralized unit(s) intermittently in outcrop over a strike length of 900 metres, and have outlined an encompassing 2000-metre long by 100 to 250- metre wide multi-element soil geochemical anomaly with a partly coincident moderately strong VLF-EM geophysical conductor.

The 2000/2001 auger sampling provided for better overall definition of the main mineralized trend, and revealed significant blind mineralization at two widely separated locations within this trend. Weathered and decomposed bedrock samples from the new showings, which may represent different felsic horizons than any previously sampled, yielded highly anomalous base and precious metal values as shown in the following table:

| <b>GRID</b>     | <b>DEPTH &amp;</b> | <b>Cu</b>  | <b>Pb</b>  | <b>Zn</b>  | <b>Ag</b>    | <b>Au</b>    |
|-----------------|--------------------|------------|------------|------------|--------------|--------------|
| <b>LOCATION</b> | <b>SAMPLE</b>      | <b>(%)</b> | <b>(%)</b> | <b>(%)</b> | <b>(g/t)</b> | <b>(g/t)</b> |

**INTERVAL****(M)**

|             |             |       |        |       |        |       |
|-------------|-------------|-------|--------|-------|--------|-------|
| 2450E/2500N | 0.7 - 1.4   | 0.12  | 0.57   | 0.03  | 43.1   | 1.25  |
|             | 1.4 - 2.0   | 0.08  | 0.31   | 0.04  | 43.1   | 0.42  |
| 2450E/2510N | 0.2 - 0.7   | 0.10  | 0.25   | 0.04  | 41.8   | 1.76  |
|             | 0.7 - 1.4   | 0.07  | 0.18   | 0.04  | 26.1   | 0.49  |
|             | 1.4 - 2.2   | 0.10  | 0.27   | 0.05  | 43.4   | 0.78  |
| 3000E/2610N | 0.4 - 1.3 * | 0.02* | 0.25 * | 0.01* | 60.7 * | 0.99* |

(\*Averaged result from 3 samples within this interval. Best individual sample results include 109.2 g/t Ag and 2.14 g/t Au.)

Elsewhere on the property, results from the 2000 program have outlined coincident copper-silver soil anomalies together with several weak VLF-EM conductors within a broad zone situated approximately one kilometre south from the main (Discovery) trend.

***Infrastructure***

There is no infrastructure in place on the prospect.

***Drilling Results***

No drilling has been carried out on the claims.

***Planned Work Program - Fiscal 2004, Ending December 31, 2004***

The Company has no planned exploration program for Fiscal 2004 with all work being conducted by Kobex who are earning their interest in the prospect. Kobex is planning an IP geophysical survey for a total cost of \$50,000. The

claims are in good standing until April 29, 2008 through to April 29, 2011.

### **The Cabin Lake Prospect - Canada**

The Cabin Lake prospect is without known reserves and all current work by the Company on the prospect is exploratory in nature.

#### ***Option to Acquire Interest***

The 122 claims comprising the Cabin Lake prospect were acquired by staking between March and September 1997 by the Company's predecessor ("Fairfield"). The claims were transferred to the Company upon amalgamation and are owned 100% by the Company.

In August 2003, the Company entered into an agreement with Kobex Resources Ltd. ("Kobex") on the claims comprising the MOR, Caribou Creek and Cabin Lake prospects - refer to The MOR Prospect.

#### ***Expenditures to Date***

During Fiscal 2003, the Company incurred \$441 in exploration costs on this prospect. As at December 31, 2003, the Company had deferred \$35,000 in acquisition and exploration costs, net of write-downs, on the property.

#### ***Location and Access***

The Cabin Lake prospect is located in the Watson Lake Mining District of Yukon Territory. The claims are 190 kilometers southeast of the city of Whitehorse and are accessed by helicopter. The Alaska Highway passes 20km south of the claim group, but to date there is no road access.

#### ***History and Recent Work***

The initial 100 Cabin Lake claims were staked during March to May of 1997 to cover several multiple-element stream sediment and soil anomalies, and occurrences of copper and copper plus molybdenum discovered in 1996. In June 1997, a 277 line-km airborne electromagnetic (EM) and magnetic survey was flown over this claim group. Several EM anomalies and conductive trends parallel to stratigraphy and to major fault structures were identified.

An initial phase of baseline cutting, soil sampling, geological mapping, prospecting and hand trenching was undertaken in July 1997. Very encouraging results were returned from the Avalanche Area, where a large copper soil anomaly with values greater than 150 g/t Cu was delineated over an area of approximately 900 by 500 meters.

Twenty-two claims were added and a second phase of work in August and September of 1997 included fill-in soil sampling, intensified prospecting of anomalies, 390m of excavator trenching, and 7.05 line-kilometers of induced polarization (IP) geophysical surveying. The best results from trenching were 0.35% copper averaged over 18.4m of continuous chip samples. The IP survey identified several zones of chargeability and resistivity anomalies, with the strongest chargeability values extending several hundred meters to the east and south of known mineralization exposed at surface in the Avalanche Area.

During the 1998 field season additional IP geophysical surveys, soil geochemistry and prospecting were carried out. The IP chargeability and resistivity anomalies detected in 1997 in the Avalanche Area were better defined and extended.

In the southern half of the property (South Area) partly underlain by a granitic intrusion, widely spaced grid soil sampling (200m X 50m) outlined a number of coincident copper-molybdenum anomalies over an area of 200m by 1500m, with peak values of 640/t Cu and 68 g/t Mo.

No work has been undertaken on the Cabin Lake claims since 1998.

### ***Geology and Mineralization***

The prospect is primarily underlain by Paleozoic to Triassic metasedimentary and metavolcanic rocks of marine origin. Two distinct Mesozoic intrusive bodies are present: a small diorite/granodiorite stock exposed in the central and northwestern part of the property, and a larger granodiorite/quartz monzonite pluton on the southwestern claims.

Pyrite, chalcopyrite and minor other sulphide minerals are present as disseminations to semi-massive bands in certain

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schist layers on the central and western claims (Avalanche Area). The sulphide minerals appear to be stratabound, and may represent remobilized and metamorphosed stratiform syngenetic type mineralization similar to important polymetallic deposits recently discovered within broadly correlative terranes in the Finlayson Lake map area located about 160 kilometers northeast of Cabin Lake.

Local porphyry-type alteration and quartz stringers carrying chalcopyrite-molybdenite mineralization are hosted by granodiorite on the southern Cabin Lake claims (South Area). Angular quartz float indicative of larger individual veins (10-30cm wide) occurs in linear topographic depressions.

### ***Infrastructure***

There is no infrastructure in place.

### ***Drilling Results***

No drilling has been carried out on the prospect to date.

### ***Planned Work Program - Fiscal 2004, Ending December 31, 2004***

The Company has no planned exploration program for Fiscal 2004 with all work being conducted by Kobex who are earning their interest in the prospect.

### **The Caribou Creek Prospect - Canada**

The Caribou Creek prospect is without known reserves and all current work by the Company on the prospect is exploratory in nature.

### ***Option to Acquire Interest***

The 48 claims comprising the Caribou Creek prospect were acquired by staking by the Company's predecessor ("Fairfield") during April, September 1997 and August 1998. The claims were transferred to the Company upon amalgamation and are owned 100% by the Company.

In August 2003, the Company entered into an agreement with Kobex Resources Ltd. ("Kobex") on the claims comprising the MOR, Caribou Creek and Cabin Lake prospects - refer to The MOR Prospect.

### ***Expenditures to Date***

During Fiscal 2003, the Company incurred no costs on this prospect. As at December 31, 2003, the Company had deferred \$35,000 of acquisition and exploration costs, net of write-downs, on the property.

### ***Location and Access***

The Caribou Creek prospect is located in the Watson Lake Mining District of Yukon Territory 180 kilometres east of Whitehorse and 180 kilometres west of Watson Lake. The prospect is accessed by helicopter from Morley River on the Alaska Highway, which is located about 30km south of the area.

### ***History and Recent Work***

Previous mineral exploration work in the area covered by the present claims is limited to reconnaissance programs carried out by Fairfield's predecessor company in 1980, and by Fairfield in 1996 and 1997. Stream sediment sampling and follow-up work in 1980 identified a strong copper-lead-zinc silt and soil geochemical anomaly in the vicinity of gossanous schist outcrop. The initial 30 claims were staked in April 1997 to cover the stream sediment and soil anomalies from the 1980 sampling program, and additional claims were added in September to extend the property over favourable lithologies. Further claims were added in August 1998 to cover the projections of anomalous zinc soil geochemical trends.

After initial claim acquisition, an 85 line-km airborne electromagnetic (EM) and magnetic survey was flown over the area during June 1997. Several weak EM anomalies and magnetic trends were identified.

Programs of soil sampling, geological mapping, prospecting and an induced polarization (IP) geophysical survey were undertaken in later 1997 and in 1998. A 600-meter by 100-meter band of anomalous copper, lead, zinc and silver values



in soils was identified on the central and western claims. Several occurrences of rusty, pyritic schist float and bedrock were noted in two areas and were exposed by blast trenching in 1998. Rock samples returned weakly anomalous gold and silver values from one of these trenched areas. The IP geophysical survey conducted along 3 line-km identified several zones of moderate chargeability within the area of anomalous soil geochemistry.

The prospect was optioned to Brett Resources Inc. ("Brett") in 1999 which carried out limited geological mapping and rock sampling. The prospect has since been returned to the Company.

### ***Geology and Mineralization***

The prospect is primarily underlain by a package of Paleozoic metavolcanic and metasedimentary schists, which are overlain (either structurally or stratigraphically) by Mississippian limestone. A variety of small intrusive bodies are present, at least some of which intrude both the schist and limestone.

Strongly disseminated pyrite is present within certain schist layers on the central and western property area, and may represent stratiform syngenetic type mineralization. These gossanous schist horizons are hosted within a bimodal volcanic sequence in the vicinity of strong copper, lead, zinc, silver and gold soil geochemical anomalies.

### ***Infrastructure***

There is no infrastructure in place on the prospect.

### ***Drilling Results***

No drilling has been carried out on the claims.

### ***Planned Work Program - Fiscal 2004, Ending December 31, 2004***

The Company has no planned exploration program for Fiscal 2004 with all work being conducted by Kobex who are earning their interest in the prospect. The claims are in good standing until September 4, 2004 through April 14, 2009.

### **The Meister River Prospect - Canada**

The Meister River Prospect is without known reserves and all work by the Company's predecessor ("Fairfield") on the prospect has been exploratory in nature. No work has been conducted on the prospect since 1986.

***Option to Acquire Interest***

The Company owns a 100% interest in the prospect, acquired during 2002 from Fairfield through amalgamation.

***Expenditures to Date***

During Fiscal 2003, the Company incurred \$213 in exploration costs on this prospect. As at December 31, 2003, the Company had expensed all acquisition and exploration costs and is carrying this prospect at \$1.

***Location and Access***

The Meister River prospect is located 90 kilometres (56 miles) west of Watson Lake, Yukon Territory and 14 kilometres (9mi.) northwest of kilometre 1110 (Mile 690) on the Alaska Highway. A seasonal four-wheel drive road from the Alaska Highway provided access to the claims during previous exploration programs.

***History and Recent Work***

All of the original 410 Meister River (MR) claims were staked by Regional Resources Ltd. (Fairfield's predecessor) in 1981 to 1984, to cover geochemical anomalies and mineral occurrences in a geological setting favourable for hosting replacement type massive lead-zinc sulphide deposits.

Property exploration programs from 1981 to 1985 included grid layout, aerial photography, geological mapping, prospecting, geochemical sampling, airborne and ground geophysical surveys, hand trenching, backhoe trenching/test-pitting, sonic overburden drilling, and diamond drilling comprising five NQ (core) holes totalling 1,077 metres in the West Zone oxide mineral body. The access road from the Alaska Highway as well as trench and drill site access trails were also constructed during this time period.

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In May 1986 the property was transferred to Fairfield. A diamond drilling program carried out later that season consisted of 2,413 metres in 22 NQ holes of which eight holes (687m) further tested the West Zone, and 14 holes (1,726m) which tested four separate areas of mineralization in the South Zone.

Following the 1986 program, additional diamond drilling was recommended for the West Zone to test for sulphide mineralization at depth but this work has not been carried out. As at December 31, 2003, all except seven of the claims have been allowed to lapse.

### ***Geology and Mineralization***

The MR claim group is underlain by a deformed and metamorphosed sequence of Lower Cambrian or earlier sedimentary rocks. A small Cretaceous (?) quartz monzonite stock occurs nearby. Mineralization consisting of zinc-silver-lead bearing massive iron and manganese oxides, with sparse remnant sphalerite and galena, appears to be related to replacements and/or fault structures at or near phyllite-carbonate contacts. Five separate mineral zones have been identified of which the most substantial is the West Zone oxide body.

The West Zone mineralization has been traced in outcrop and in trenches over a strike length of 1000 metres, revealing true widths ranging from less than one metre to 18 metres. It occurs as mantos or elliptical shaped lenses aligned along a moderately dipping fault structure. The best averaged assay results from trench samples are 12.01% zinc (Zn), 0.32% lead (Pb) and 1.39 oz/ton silver (Ag) over 14.0 metres that included a 9.0 - metre section of massive oxides. The oxide material has been intersected to a vertical depth of 105 metres by diamond drilling, and has been encountered in 12 of the 13 holes which have tested the West Zone. Drill intercepts of oxide ranged in length from 1.0 to 29.0 metres; the 29-metre interval, from Hole 86-MR-8, assayed 3.79% Zn and 1.22 oz/ton Ag and included a 14-metre section which assayed 4.57% Zn, 0.94% Pb, 2.01 oz/ton Ag.

In the South Zone, based on the 1986 drill program, the best results were returned from a partially oxidized graphitic phyllite unit where a 12.0-metre intercept assayed 2.56% lead, 2.06% zinc and 0.05 oz/ton silver. A 5.0-metre section within this interval assayed 5.02% lead, 4.11% zinc and 0.10 oz/ton silver.

### ***Infrastructure***

Two lumber and plywood buildings, as well as core storage racks, remain at the old exploration campsite.

### ***Drilling Results***

No recent drilling has been conducted by the Company.

### ***Planned Work Program-Fiscal 2004, Ending December 31, 2004***

The Company has no planned exploration program for Fiscal 2004. The Company is seeking a joint venture partner to fund potential future work.

**The Logan Property - Canada**

The Logan Property contains an inferred mineral resource of 13.08 million tonnes (14.42 million tons) grading 5.10% zinc and 23.7 gm/tonne (0.69oz/ton) silver, as recently re-estimated by an independent party to comply with the Canadian Securities Administrators (CSA) National Instrument 43-101 standards (Form 43-101F1).

***Interest***

The Company owns a 40% carried interest in the property, acquired from its predecessor ("Fairfield") through amalgamation. The owner of the 60% joint venture interest is required to fund 100% of exploration expenditures until a production decision is made, at which time the Company may elect to pay its proportionate share of future expenditures after the production decision or convert its property interest into a 15% Net Profits Interest. In 2003, the 60% owner agreed to sell its joint venture interest to Expatriate Resources Ltd. ("Expatriate"). To simplify documentation, a new agreement was entered into at this time directly between the Company and Expatriate with all details of the previous agreement remaining the same.

***Expenditures to Date***

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During Fiscal 2003, the Company incurred \$3,871 in exploration costs on this prospect. As at December 31, 2003, the Company had expensed all acquisition and exploration costs and is carrying this property at \$1.

***Location and Access***

The Logan Property comprises 156 claims located 108 kilometres northwest of Watson Lake, Yukon at latitude 60 degrees 30 minutes North and longitude 130 degrees 27 minutes West. The claims are situated 38 kilometres north of the Alaska Highway and 258 kilometres east of Whitehorse. Principal access is by fixed-wing aircraft or helicopter. A 52 kilometre trail originating from Milepost 687 (Km 1105) on the Alaska Highway provides minimum winter access to the property for track-equipped machinery.

***History and Recent Work***

The initial 36 Logan claims were staked in July and October 1979 to cover showings of zinc-silver-copper-tin mineralization discovered during a reconnaissance prospecting and stream sediment sampling program undertaken by Regional Resources Ltd. (Fairfield's predecessor). Additional claims (Logan 37-106) were staked at various dates in 1984 and 1986. Property exploration programs including geological mapping, geochemical and geophysical surveys, detailed prospecting and hand trenching were carried out between 1979 and 1985.

In May 1986 the property was transferred to Fairfield and subsequent exploration programs during 1986 to 1988 included diamond drilling (103 holes totalling 16,439 metres of NQ core), excavator trenching (15 trenches totalling 2,412 linear metres), additional soil geochemistry, Induced Polarization geophysical surveys, as well as aerial photography, various ground control surveys, construction of a 700-metre long gravel airstrip, and reclamation work. Most of the drilling was conducted at 100-metre by 50-metre grid spacing.

All of the above work programs were performed or supervised by Cordilleran Engineering Ltd. of Vancouver, Canada. All project sample assays and analyses were performed by Bondar Clegg & Company Ltd. in North Vancouver. In late 1988 an initial mineral resource estimate for the Main Zone deposit was calculated by J.J. Hylands, P.Eng., and M.A. Stammers, FGAC, of Cordilleran Engineering Ltd. These calculations, utilizing sectional and plan methods, resulted in a determination of 12.25 million tonnes (13.5 million tons) grading 6.17% zinc and 26.4 gm/tonne (0.77 oz/ton) silver. However, this estimate was not strictly defined according to Canadian Institute of Mining (CIM) standard resource/reserve classifications.

In early 1989 preliminary metallurgical testing was undertaken on composite samples of drill core assembled from 16 selected intersections of the Main Zone deposit. This work was conducted by Lakefield Research under the direction of Strathcona Mineral Services Ltd. of Toronto, Canada. The results demonstrated that high zinc (93-97%) and silver (85-87%) recoveries are readily achievable from a concentrate grading 50-54% zinc.

The project was dormant from 1989 through 2002.

Expatriate purchased a 60% joint venture interest in the property from Energold Minerals Inc. (formerly Total Energold) and became the operator of the project. A baseline environmental survey was conducted in and around the property in advance of further exploration and/or engineering studies. Staking of the LOGAN 107 to 152 and STRIP 1 to 4 mineral claims was completed to cover areas of potential infrastructure. Core storage facilities at the old exploration camp were refurbished and core inventoried for future examination.

In November 2003, Expatriate commissioned Hatch Associates Ltd. ("Hatch") to complete a resource estimate and data compilation as part of an Independent Technical Report to NI 43-101 standards. Hatch completed this assignment with the assistance of Mr. Gary Giroux, P.Eng., while Hatch's Qualified Person for this assessment is Mr. Callum Grant, P.Eng. who visited and inspected the property in October 2003. The resource estimation portion of the report was released on March 24, 2004.

The Hatch re-estimation of resources at Logan uses the block model method, with kriging applied to the assay data from 58 drill holes completed in the Main Zone during 1986-88. The model relies wholly on this historical drill-hole information and does not include any new exploration data. The model is constrained by geologic boundaries to mineralization as interpreted on 23 cross-sections of the Main Zone over a 1.53 km (0.95 mile) strike length. No

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mineralized intercepts are included from the East or West Zones. The published Inferred Resource of 13.08 MT grading 5.10% Zn and 23.7 g/t Ag uses a 3.5% zinc-equivalent cutoff that is based upon metal prices of US 43 cents per pound zinc and US\$5.50 per ounce silver, with recoveries of 94% and 64% respectively.

### ***Geology and Mineral Deposits***

The property is dominantly underlain by granodiorite and pegmatites of the Cretaceous Marker Lake Batholith, which has intruded Lower Cambrian and possibly older metasedimentary rocks. Tertiary andesite dykes, quartz-feldspar monzonite-latitude porphyry dykes, quartz veins and breccia bodies are associated with an eight kilometre long northwest trending mineralized structure. Within this structure, at least three mineral bodies have been identified and named as the Main, West and East Zones.

The Main Zone deposit has been defined by 58 drill intersections, to an average vertical depth of 185 metres (~600 feet). It is contained within a steeply dipping fault bounded tabular body 1100 metres long by 50 to 140 metres wide. Sphalerite with lesser pyrite, arsenopyrite, chalcopyrite, pyrrhotite, silver-bearing lead sulphosalts and cassiterite occur as fracture fillings, disseminations and coarse masses in quartz veins or breccia and silicified hostrock.

### ***Infrastructure***

With the exception of the airstrip and connecting network of drillsite access trails, there is no infrastructure in place on the property.

### ***Planned Work Program - Fiscal 2004, Ending December 31, 2004***

The Company has no planned exploration program for Fiscal 2004. Expatriate has renewed the Yukon Government permits required for exploration land use and winter road access, but it has not to date advised the Company on any formal 2004 work plan.

**The Tim Prospect - Yukon Territory**

The Tim Prospect is without known reserves and all work done by the Company's predecessor ("Fairfield") on the prospect has been exploratory in nature. No work has been conducted on the prospect since 1988.

***Option to Acquire Interest***

The Company owns a 100% interest in the prospect, acquired during 2002 from Fairfield through amalgamation.

***Expenditures to Date***

During Fiscal 2003, the Company incurred no costs on this prospect. As at December 31, 2003, the Company had expensed all acquisition and exploration costs and is carrying this property at \$1.

***Location and Access***

The Tim prospect consists of 10 contiguous claims located 72 kilometres (45 Mi.) West of Watson Lake, Yukon Territory at latitude 60 degrees 03' North and longitude 130 degrees 05' West. A seasonal four-wheel drive road originating at kilometre 1128 (Mile 701) of the Alaska Highway provided access to the claims during previous exploration programs.

***History and Recent Work***

The original group of 130 TIM claims was staked by Regional Resources Ltd. (Fairfield's predecessor) in 1983, to cover silver-lead-zinc geochemical anomalies and mineralized float occurrences in an area highly prospective for replacement type massive sulphide deposits. Fairfield staked 30 additional claims during 1986, following transfer of title from Regional. Work conducted from 1983 to 1986 consisted of reconnaissance stream sediment sampling, soil geochemistry, prospecting and geological mapping.

In 1988 work included road construction, line cutting, soil sampling, induced polarization (IP) geophysical surveys, and excavator trenching. Eighteen trenches totaling 2712 linear metres were excavated in two mineralized areas named North and South Zones. The 1988 soil geochemical survey involved higher density sampling within the anomalous areas outlined by prior (1984/86) sampling.

A diamond drill program was recommended following evaluation of the 1988 exploration results, but was never carried out. The property has been reduced to 10 claims covering the main (North Zone) trend of mineralization.

### ***Geology and Mineralization***

The TIM claims are underlain by a folded succession of Lower Cambrian and earlier sedimentary rocks comprising intercalated limestone, phyllite, quartzite, siltstone and mudstone. A nearby buried intrusion is inferred from geophysical signatures on published maps and from local thermal alteration effects observed in limestone. The limestone unit is cut by fault breccias, quartz-calcite veins and oxide mineral bodies.

Soil geochemical surveys have outlined two large coincident silver (Ag) - lead (Pb) - zinc (Zn) anomalies measuring approximately 1500 metres long by 300 metres wide, and containing geochemical values of up to 20.8 g/t Ag, 6660 g/t Pb and 1700 g/t Zn. Within these anomalous areas trenching has exposed two zones of Ag-Pb-Zn bearing oxide mineralization. The main or North Zone has been traced over a strike length of 1000 metres.

The mineralization consists of massive iron and manganese oxides, with minor remnant sulphides including galena, sphalerite and pyrite occurring as isolated cobbles or as discrete grains within the oxides and wall rock material. North Zone oxide bodies uncovered by trenching range in width from four to 30 metres and occur mainly in limestone, at or near an inferred major fault contact with overlying phyllite rocks. Continuous chip sample assays from trenches across this zone include 10.28 oz/ton Ag, 9.12% Pb averaged over 4.0 metres and 1.0 oz/ton Ag averaged over 11.0 metres. A 2.0-metre section of carbonate hosted oxide mineralization located north of the main zone returned 0.38 oz/ton Ag, 1.82% Pb, 5.07% Zn.

### ***Infrastructure***

There is no infrastructure on the claims.

### ***Drilling Results***

No drilling has been conducted to date.

### ***Planned Work Program - Fiscal 2004, Ending December 31, 2004***

The Company has no work program is planned for Fiscal 2004. Future work will be contingent upon improved silver and base metal prices.



**The Santa Maria Prospect - Mexico**

The Santa Maria Prospect is without known reserves and all current work by the Company on the prospect is exploratory in nature.

***Option to Acquire Interest***

The prospect is owned through the Company's subsidiary, Compania Minera Zapata, S.A. de C.V. The Cerro Grande claim was acquired directly by staking. This project falls under the area of influence of the BHP Billiton joint venture discussed above, and under terms of this joint venture it has been offered to BHP.

***Expenditures to Date***

During Fiscal 2003, the Company incurred \$1,277 in acquisition costs and \$56,477 in exploration costs, primarily on geology. As at December 31, 2003, the Company had incurred \$61,643 in deferred costs on the prospect.

***Location and Access***

The Santa Maria project is located twenty-one kilometres north of Puebla, Puebla State, Mexico and may be accessed by paved highway from Puebla. Several other paved and unpaved roads provide access to various parts of the prospect from this highway. The centre of the prospect is approximately latitude 19 degrees 42 minutes North and longitude 97 degrees 52 minutes west.

***Infrastructure***

All major services are found in Puebla, a major city located roughly one hundred kilometres to the south west of the

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prospect. Labour is available in local towns and villages. There is good road access throughout most of the area and major power lines also cross the prospect. A local power line network supplies electricity to villages within the area.

### ***History and Recent Work***

Several limited, surficial historic workings exist on the prospect, however their age is unknown. To the Company's knowledge, no recent work has been carried out on the prospect other than that done by the Company.

### ***Geology and Mineralization***

The project covers an area of intensely altered rocks roughly 5 by 5 kilometres in size. Within this area a field program carried out by the Company identified both a porphyry copper and an epithermal gold target. The copper porphyry target occurs within K-silicate altered intrusive rocks that intrude deformed limestone which is overlain by intensely altered volcanic rocks. Calc-silicate altered limestone occurs in proximity to the intrusive contacts and is associated with skarn-type copper mineralization. Multiple phases make up the intrusive body which has been altered and veined. Stockwork quartz pyrite veining dominates the alteration and is associated with minor copper mineralization. This alteration is observed to overprint earlier potassic alteration. An induced polarisation geophysical survey was carried out on one line over the exposed stockwork veined intrusive. This survey indicated that the exposed mineralization represents a portion of a larger intrusive hosted system. The volcanic rocks, which are exposed roughly one kilometer to the south of the outcropping intrusive are also extensively altered. The alteration is indicative of the upper parts of an epithermal system and includes replacement silicification and sinter, the precipitate or sediment that was deposited from a hot spring. Quartz-calcite veins with textural evidence of boiling have been identified outcropping in limestone roughly 100 meters beneath the exposed sinter. Initial sampling of these veins and from float boulders of breccia containing quartz vein fragments have returned anomalous values in gold and silver. The sinter and overlying altered volcanic rocks are highly anomalous in Hg, As and Sb.

### ***Exploration and Drilling Results***

A program of geologic mapping, rock, stream silt sampling and induced polarization geophysics was carried out in January of 2003. This program focused on the exposed porphyry intrusive and related skarn bodies but also covered areas of epithermal alteration. Anomalous results were received from rock samples taken from both the porphyry style and epithermal alteration and mineralisation. These results warrant further work. One line of induced polarization geophysics was carried out on the property. This work identified a greater than two kilometer wide zone of elevated chargeability response which is coincident with the exposed altered and mineralised intrusive system.

### ***Planned Work Program - Fiscal 2004, Ending December 31, 2004***

The Company and BHP are reviewing the prospect and at present have no planned Fiscal 2004 exploration program.

### **The Guadalupe Prospect - Mexico**

The Guadalupe Prospect is without known reserves and all current work by the Company on the prospect is exploratory in nature.

***Option to Acquire Interest***

During Fiscal 2003, the Company's subsidiary acquired 100% interest in the La Bufa claim by staking.

Subsequent to December 31, 2003, the Company entered into an agreement with Grid Capital Corporation ("Grid"). To earn an initial 50% interest, Grid must maintain the property in good standing, incur exploration expenditures totalling US\$1,000,000 and issue 400,000 shares to the Company by June 30, 2007. Grid is committed to issue 100,000 shares to Almaden upon TSX Venture Exchange approval of the agreements and to complete US\$50,000 in exploration expenditures by June 30, 2004. Grid can increase its interest to 60% by incurring an additional US\$1,000,000 of exploration expenditures and issuing a further 100,000 shares to the Company by December 31, 2008.

***Expenditures to Date***

During Fiscal 2003, the Company incurred \$10,841 in acquisition and exploration costs. As at December 31, 2003, the Company had deferred cost of \$10,841 on this prospect.

***Location and Access***

The Guadalupe project surrounds the town and mining camp of Guadalupe y Calvo in Chihuahua State, Mexico.

***History and Recent Work***

Gold was discovered at Guadalupe y Calvo on the ground surrounded by the La Bufa claim in October 1835. Production was sufficiently large that the Mexican government built a mint at Guadalupe y Calvo in 1844. L.J. Buchanan (1981) estimated historic production at 2,000,000 ounces gold and 28,000,000 ounces silver. Estimated production grade was 37 g/t gold and 870 g/t silver. This ground is currently being explored by another company.

The La Bufa ground has some known vein outcrops with old historic workings.

In April 2004, Grid reported that an initial program of geological mapping and sampling traced a major vein structure, the La Bufa, over a 1.4 kilometre distance. The La Bufa vein is hosted in a window of lower volcanic group andesitic rocks, the same rocks that host the past-producing mines at Guadalupe y Calvo located one kilometre to the northwest.

Sixty chip samples taken across the vein system returned elevated gold and silver values along its entire length.

### ***Geology and Mineralization***

The La Bufa vein is a banded, brecciated, low-sulphidation, epithermal quartz vein that is crosscut by a series of en echelon veins varying in length from 30 centimetres to 7.8 metres true thickness. The veins are variably mineralized with pyrite, hematite and limonite.

### ***Planned Work Program - Fiscal 2004, Ending December 31, 2004***

The Company has no planned exploration program for Fiscal 2004 with all work being conducted by Grid who are earning their interest in the prospect. Grid reported in late April 2004, that it intends to carry out a more detailed sampling program on the vein systems by mid May.

### **The San Carlos Prospect - Mexico**

The San Carlos Prospect is without known reserves and all current work by the Company on the prospect is exploratory in nature.

The San Carlos Prospect consists of the San Carlos and San Jose claims located in the State of Tamaulipas in Mexico

### ***Option to Acquire Interest***

The prospect is owned through the Company's subsidiary, Compania Minera Zapata, S.A. de C.V. The San Carlos claim was acquired directly by staking. The San Jose claim, initially held under option, was purchased outright in February 2001 for US\$100,000 plus a 2% NSR. These claims surround several small claims totaling 97 hectares which were optioned for a purchase price of US\$1,000,000 over six years subject to a sliding scale royalty of from 2.5% to 1.5% depending on the rate of production.

During Fiscal 2001, Aurcana Corporation ("Aurcana") was granted the option to acquire up to a 60% interest in the project. To earn an initial 50% interest, Aurcana had to maintain the property in good standing, incur exploration expenditures of US\$2,000,000 by January 1, 2007 and issue a total of 300,000 common shares to the Company. Aurcana could have increased its interest to 60% by incurring an additional US\$2,000,000 of exploration expenditures by January 2, 2009.

Aurcana earned a 10% interest in the San Jose concession upon payment of the US\$50,000 to the Company. At the end of 2003, Aurcana relinquished their option on the property. They also gave their 10% interest in the San Jose claim to Almaden in return for a release from further work commitments.

Subsequent to December 31, 2003, the Company entered into an agreement with Hawkeye Gold and Diamond Ltd. ("Hawkeye"). To earn an initial 51% interest, Hawkeye must maintain the property in good standing, incur

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exploration expenditures totalling US\$2,000,000 and issue 500,000 shares to the Company within four years.

### ***Expenditures to Date***

During Fiscal 2003, the Company recovered costs of \$31,961 on this prospect. As at December 31, 2003, the Company had deferred acquisition and exploration costs of \$244,590, net of write-downs, on the property.

### ***Location, Access and Climate***

The prospect is located in the state of Tamaulipas, which is in the north-eastern part of Mexico. The town of San Carlos is located roughly in the center of the San Carlos claim block. There is two phase power, telephone service, general supplies and a small hotel in this town.

San Carlos is connected by paved road, and is about 100 kilometres north of the capital of Tamaulipas, Ciudad Victoria. The town of Linares, Nuevo Leon is located approximately 80 kilometers northwest of San Carlos. Intermediate to San Carlos and Linares, and connected by an all season dirt road is the mining district of San Jose.

The climate is arid and hot. During the summer months temperatures can average greater than 35 degrees centigrade. The duration and timing of the summer rainy season varies considerably; however, rains generally are expected

during the months of June, July and August.

The town of San Carlos is approximately a three and one half hour drive from Monterrey which is a major industrial city with a population of about three million people. Ciudad Victoria and Linares are both about a one and one half hour drive from San Carlos and have populations of over 100,000 people. All necessary supplies can be purchased at these towns and labour is abundant.

### ***History and Recent Work***

Accurate historic data is difficult to find, however, it appears that up until 1911 copper-gold mining did occur. At that time, the operator was an English company that built a narrow gauge rail line to the property and a small smelter on the property. There is no record of total production at that time. Several attempts were made to establish production on a small scale from these skarn zones as recently as 1950, records are incomplete but indicate 4,067 tons of direct shipping ore that averaged 4.02% copper (Cu) and 11.24 grams/ton gold (Au) was mined during this period. Fairfield was attracted to this area following a review by management of the geological literature on eastern Mexico. The literature indicated that the many of the igneous rocks are alkalic in composition. This is of interest because many large copper-gold deposits are associated with these types of rocks. The literature also described a skarn zone up to five hundred metres wide. The San Jose area was the site of an historic mining camp (Begonia and Santa Helena mines) that was active during the late 1800's and early 1900's. Production from this area was from a number of high-grade copper-gold skarn orebodies. The old workings are reported to be limited to less than 100 metres below surface. There has been only limited exploration, development, and production from that time until the present activity.

Fairfield acquired a large block of ground over the area and then negotiated terms to acquire the San Jose and Begonia claims. The San Jose Claim was subsequently purchased subject to a 2% royalty.

Property scale prospecting and stream sediment sampling were undertaken in May 1998 and February 1999 by Fairfield's personnel. An airborne magnetometer-electro-magnetic survey was carried out over most of the claim block in April 1999 by Terraquest Ltd. of Mississauga, Ontario. In June 2000 a baseline was cut for geochemical surveying. Assaying and analysis was carried out by Acme Analytical Labs of Vancouver, Canada.

After optioning the property early in 2001, Aurcana carried out geological mapping, geochemical surveys, underground mapping and sampling in the Begonia and Santa Helena mine areas, and two phases of geophysical surveys. Targets outlined by this work were drilled in two phases in late 2002 and early in 2003. Further limited geochemical surveys to check a gold anomaly on the eastern edge of the previous grid was also carried out.

### ***Geology and Mineralization***

A trend of alkalic intrusive centers has been recognized in eastern Mexico. These rocks generally form distinct, isolated high relief areas and intrude deformed and thrust faulted, dominantly carbonate strata of the eastern extent of

the Sierra Madre Oriental mountain range.

Extrusive and intrusive rocks in the San Carlos area are interpreted to represent the erosional remnant of a denuded shield volcano. The volcanic rocks have been recognized along the margins of a major intrusive complex, and the intrusives are thought to represent shallowly emplaced magmas. The San Jose area is cored by a strongly fractured quartz-microdiorite. To the south of the San Jose area both calc-alkaline and alkaline intrusives occur and have been cut by lamprophyre and phonolite dykes.

Several styles of mineralization are known in the San Carlos district. Manto and vein silver-lead-zinc orebodies hosted in limestone were exploited in the 18<sup>th</sup> century east of the San Jose district at San Nicolas. These orebodies were very important at that time and at one point the town of San Nicolas reportedly had a population of over 10,000. Several grab samples were taken from dump material and exposures in workings. Most of these showings are held by others but are proximal to the San Carlos claim group.

Mineralization in the San Jose district is closely related to intrusive rocks. Copper sulphides and gold are associated with calc-silicate minerals and magnetite (skarn) that have replaced the limestone country rock. Copper sulphides and gold are also associated with extensive K-silicate alteration and veining within the intrusive body, which present the potential for a porphyry style gold-copper deposit in the intrusive complex. The geologic setting of the San Carlos project bears many similarities to that of the Grasberg and Bingham Canyon porphyry copper-gold-molybdenum deposits where similar intrusive rocks intrude folded limestone strata forming both porphyry and skarn mineralisation.

### ***Exploration Results***

Stream sediment sampling and prospecting along with examination of old workings in the Begonia and Santa Helena areas, when related to the known geology and airborne magnetic survey results, indicated several areas for follow-up with potential for porphyry and skarn related copper gold deposits. The San Jose and Begonia areas evolved into the main area of interest.

A second area of interest, the Magnum zone, located 15 kilometres south of the San Jose mining camp was defined by an airborne magnetic anomaly, and a number of stream silt samples anomalous in copper and gold from the creeks draining this area. Follow-up geologic mapping and prospecting identified skarn boulders and large areas of outcropping gabbro and pyroxenite. Further prospecting and sampling to locate the source of these anomalies failed to find a significant zone of mineralization..

The third area of interest on the property, the El Jatero zone, where Fairfield's work identified an interesting gold stream sediment anomaly, is located roughly 15 km east of the Magnum zone. The anomalous streams appear to drain an area of highly clay altered intrusive rocks, and follow-up mapping and prospecting failed to find significant mineralization.

#### *Aurcana Work*

A preliminary prospecting and mapping program confirmed the presence of widespread porphyry style alteration, and copper-gold mineralisation in the multi-phase intrusive complex. Aurcana's next program of work was carried out over the San Jose zone and consisted of 1,002 soil samples, ground magnetics and one line of induced polarisation (IP) geophysics, all carried out on a cut grid. The soil survey identified an approximately 1.5 km by 2.0 km area of coincident, elevated copper and molybdenum soil geochemistry, spatially associated with an area of altered and veined intrusive rocks. The copper and molybdenum anomaly remained open to the north and is flanked by elevated Zn, Pb and Mn in soil. This zonation is typical of that seen in many Cu-Au-Mo porphyry systems world wide. The copper-molybdenum in soil anomaly had a high magnetic response in the ground magnetic geophysical data. The one line of IP geophysics was carried out in the area of the copper-molybdenum soil anomaly. This work returned a high chargeability response, believed to reflect high sulphide content, over the entire breadth of the copper-molybdenum soil anomaly.

In addition to the copper-molybdenum soil anomaly, several Au-Cu soil geochemical anomalies were identified. Of these anomalies, most are associated with known skarn bodies with past copper-gold production but several also constitute new discoveries as they are not spatially associated with known mineralisation or past mining.

Detailed mapping and sampling by Aurcana of the La Begonia workings identified a skarn-breccia complex measuring approximately 50 metres by 250 metres. The highly porous and permeable nature of the breccia has permitted oxidation and supergene processes to take place. Within the heavily oxidized, sulphide poor skarn-breccia area, average assay values for continuous channel samples (2 m lengths) were taken. This sampling included 34 meters that averaged 1.92 g/t gold, 1.89 g/t silver and 0.55 % copper at the western end of the oxidized area. A 28 meter interval taken 15 meters east of the above interval averaged 5.05 g/t gold, 6.50 g/t silver and 1.80 % copper.



The western end of the same mine level (number4) is in sulphide mineralization rather than oxides as reported above. Copper sulphide minerals consist of chalcopyrite and bornite. Results from five separate vertical channel samples across bedding are as follows:

- 1.9 meters that averaged 4.37 g/t gold, 5.8 g/t silver and 4.56 % copper.
- 1.5 meters that averaged 4.69 g/t gold, 27.2 g/t silver and 2.74 % copper.
- 1.2 meters that averaged 6.61 g/t gold, 18.8 g/t silver and 3.35 % copper.
- 1.4 meters that averaged 6.67 g/t gold, 45.0 g/t silver and 2.49 % copper.
- 1.4 meters that averaged 20.58 g/t gold, >100 g/t silver and 6.99 % copper.

### ***Santa Elena Mine***

Underground mapping and sampling was also conducted on the Santa Elena Mine, approximately two km north of La Begonia, however access was limited to two stopes due to a high water level in the main access tunnel. While the geological setting at the Santa Elena Mine is similar to La Begonia, the Santa Elena Mine has a lower gold content. In the Santa Elena #3 stope, a 30 metre continuous channel sample averaged 0.31% copper and in the Santa Elena #1 stope, a 16 metre continuous chip sample averaged 0.90% copper. Both areas averaged less than 0.5 g/t gold and 3.5 g/t silver. It appears that most of the past mining and development was from the oxide horizon.

Mapping of the underground workings combined with surface observations identified what appears to be an important structural orientation in the southern portion of the San Jose area. It appears that the gold-copper bearing breccia bodies have formed along north-east trending zones which coincide with several trends identified from results of a soil geochemical survey conducted in late 2001. The significance of this controlling structure and the coincident geochemical trends is the potential to discover additional high-grade breccia-skarn bodies on the property.

The cut grid was extended approximately 1.0 km to the north and provided control to complete a soil geochemical survey. This work, combined with further induced polarization (IP) geophysical surveying and a ground magnetic survey identified a large copper-gold soil anomaly coincident with a chargeability high in the IP results.

In December 2002, Aurcana drilled two diamond drill holes totaling 440 metres to test the Begonia skarn zone. Due to rugged topography, the drill setup was 150 metres from the area of high grade underground sampling. Both holes were from the same setup and did not intersect any sulphide mineralization in the skarn zone in the western end of Begonia.

A second phase of diamond drilling started in February 2003 to test the approximately 1.5 km by 2.5 km area containing the IP anomaly and elevated copper and gold values in soils. Four holes totaling 765 metres were drilled. All holes targeted a depth of approximately 200 metres and all encountered geology indicative of a porphyry system however grades of copper, molybdenum and gold were low.

During its last phase of surface work, Aurcana further defined a gold in soils anomaly at the northeastern edge of the surveyed area. An area approximately 300 by 1000 metres averages 0.372 g/t gold in soils, with values ranging between 0.100 and 1.935 g/t. This anomalous area lies over the contact between intrusive rocks and limestone.

***Planned Work Program - Fiscal 2004, Ending December 31, 2004***

The Company has no planned Fiscal 2004 exploration program with all work being done by Hawkeye who are earning their interest in the prospect. Hawkeye is currently designing a work program.

**The Tropico Prospect - Mexico**

The Tropico Prospect is without known reserves and all current work by the Company on the prospect is exploratory in nature.

***Option to Acquire Interest***

The Company's predecessor ("Fairfield"), through its Mexican subsidiary, acquired the Tropico Prospect from Minera BHP, S.A de C.V. ("BHP"), a subsidiary of BHP Billiton, for a nominal consideration. The property is subject to a 2.25% net smelter return payable to BHP.

In Fiscal 1999, Fairfield optioned the property to Santoy Resources Ltd. ("Santoy") who could earn a 60% interest by incurring US\$1,000,000 of exploration expenditures and issuing 200,000 shares to the Company. When Santoy's expenditures had reached US\$950,000, the Company agreed to accept 110,000 shares of Santoy in lieu of the remaining US\$50,000 needed to fulfil the work obligation to earn 60% of the project.

In Fiscal 2001, Fairfield and Santoy entered into an agreement with Sumitomo Metal Mining Company. The agreement was terminated during Fiscal 2003.

Santoy and the Company acquired the San Pablo concession from the Mexican government in a public auction held in Mexico City on February 22, 2002 for US\$150,000, payable in installments. Yearly installments are optional and the joint venture is not obligated to make these if the concession is relinquished. The San Pablo concession is encompassed by the existing land position of the project and is immediately adjacent to the Maricela area. The Company and Santoy intend to drop the concession in Fiscal 2004.

### ***Expenditures to Date***

During Fiscal 2003, the Company incurred \$13,284 in acquisition costs and \$17,878 in exploration costs on the prospect. As at December 31, 2003, the Company had deferred acquisition and exploration costs of \$52,981, net of write-downs and recoveries, on the property.

### ***Location and Access***

The Tropicico Prospect is located twenty one kilometres north of Mazatlan, Sinaloa, Mexico and may be accessed via Highway 15 from Mazatlan. Several other paved and unpaved roads provide access to various parts of the prospect from Highway 15. The centre of the prospect is approximately latitude 23 degrees 27 minutes North and longitude 106 degrees 27 minutes west.

### ***History and Recent Work***

There has been limited historic exploration for copper and gold as evidenced by numerous pits and diggings in the area. Consejos Roussos Minerales ("CRM"), the Mexican government mining company, mapped the Marmol quadrangle and carried out soil geochemical and geophysical surveys in the San Pablo area located on the southern margin of the Tropicico mining concession after claiming it in 1993

Since 1996, BHP carried out reconnaissance geological mapping at a scale of 1:250,000, photo interpretation and petrographic studies. This work was followed by more detailed geological mapping at 1:25,000. Mapping revealed copper mineralization associated with a layered mafic plutonic sequence. Selected samples were analyzed for platinum group elements with significant anomalous results. A stream sediment survey was carried out over the entire concession area resulting in the identification of additional areas of potential.

In 1998, Fairfield acquired the Tropicico and Tropicico 2 mining concessions from BHP. The Company carried out limited check sampling of mineral showings which returned anomalous values in copper, silver, gold, platinum and

palladium. Santoy also completed check sampling confirming the presence of anomalous platinum, palladium, gold and copper values.

Subsequently, the Company completed four reverse circulation drill holes in an initial test of areas underlain by

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anomalous copper-gold-platinum-palladium mineralization hosted in a mafic igneous complex.

In July 2000 the parties agreed that the Maricela and Tarantula II claims which were acquired by Santoy be included in the agreement. The claims adjoin the Tropico prospect to the south.

In 2001 Santoy carried out line cutting geochemical rock and soil sampling, geological mapping, and geophysical surveys. Favourable results from this work resulted in a 1,500 metre trenching program.

Based on trenching results, Santoy planned further trenching and drilling. Subsequent trenching, drilling, geophysics, geochemical, and geological work were financed by Sumitomo with Santoy acting as operator.

### ***Geology and Mineralization***

The Tropico Prospect is underlain by a Jurassic-Cretaceous layered mafic igneous complex that intrudes a late Paleozoic basement. The mafic complex is in turn cut by Late Cretaceous-Early Tertiary, diorite that may be the earliest phase of the Sinaloa batholith. Oligocene volcanic rocks and younger thin alluvium cover much of the area, limiting exposures of older rocks to small outcrop areas on hill tops.

The large mafic igneous complex hosts two main types of mineralization; primary copper sulphide minerals and pyrite with associated gold, platinum and palladium values, and secondary copper mineralization developed by oxidation and weathering of the primary sulfide minerals.

Due to limited outcrop exposure, the thickness of the mineralized zones is unknown. Limited reverse circulation drilling data indicates that individual zones of mineralization range up to 21 meters in thickness and extend to depths of at least 70 meters. It should be noted that the intersections may not represent true thickness since more drilling is

required to define dimensions of the mineralized zones.

The Maricela and Tarantule II claims are underlain by the same mafic intrusive complex that Santoy has been exploring on the adjoining Tropico prospect. Results from previous geological mapping and chip sampling, along with grid soil geochemistry and geophysical surveying have outlined a one kilometre wide copper-gold-silver mineralized pyroxenite unit that can be traced for a strike length of 2.5 kilometres

### ***Exploration and Drilling Results***

Four reverse circulation drill holes totalling 1980 feet were drilled for 1998 assessment work in two separate areas of economic interest known as Santa Fe and Cerro Capule. Five foot sample intervals for the entire length of the holes were collected and submitted for preparation to the Chemex Lab in Guadalajara, Mexico, then shipped to Vancouver, British Columbia for thirty two element analyses by ICP methods. Gold, platinum and palladium metals were extracted by fire assay and analyzed by ICP methods. Weakly anomalous gold, platinum and palladium values were returned from sampling. Hole TR-1 intersected 0.5% copper over 9metres.

In 2000, Santoy cut grids and carried out soil sampling that identified an area anomalous in copper, gold and platinum group elements. Prospecting, geological mapping and 30 line kilometres of induced polarization and magnetic surveys were also completed. Several areas had coincident anomalies from both soil geochemistry and geophysics.

In 2001, Santoy completed an approximately 1500 metre trenching program that returned anomalous values in copper, gold, palladium and platinum. Results justified a drilling program to test the trench values at depth.

In February 2002 Sumitomo and Santoy completed a first phase of exploration on the project. This first phase program totalling US\$600,000 was financed by Sumitomo and consisted of fifteen diamond drill holes totalling 2,844 meters targeting three of the seven identified soil geochemical anomalies. In addition to the drill program 17 trenches, totalling 2,473 meters were completed. As part of the program, the soil geochemical coverage of the property was extended to cover the most easterly portion of the mafic-ultramafic complex. Two separate coincident copper-platinum-palladium-gold soil geochemical anomalies have resulted from this work.

A review of the work completed by the Mexican government on San Pablo shows that the favourable geology and

anomalous Cu/PGM values can be extended for another 1.5 km bringing the overall target to in excess of 3.0 km of strike length.

The following are the key results from the first phase.

*Maricela Area* - Eight diamond drill holes totaling 1,632 metres were completed on the Maricela area and tested mineralization in trenches 1, 4, 7 and 11. Seven of the eight drill holes have tested under three of the trenches within a 600 x 300 metre portion of the anomalous trend. One drill hole is located a further 400 metres to the east. All of the drill holes on Maricela encountered feldspathic, massive pyroxenite, indicating that the pyroxenitic phases of the ultramafic complex are a minimum of 300 metres thick. The pyroxenite has been extensively altered to secondary tremolite. Sulphide mineralization encountered in these holes comprises variable amounts of chalcopyrite, cubanite, bornite, pyrrhotite, and minor pentlandite. A thick, cumulate phase anorthositic gabbro is interpreted to form the hanging wall unit to the pyroxenite, and a number of surface Cu-PGM occurrences within this unit near the contact remain untested. The lower (footwall) contact is not exposed on surface, and may be partially covered by overlying younger Tertiary volcanics. The lower contact is of particular interest for its potential to develop contact style Cu/PGE mineralization.

Four holes drilled in the Maricela area intersected anomalous copper and precious metal values. Hole M-01-01 intersected 110.5 meters that graded 0.34 % copper, 0.14 g/t Platinum, 0.24 g/t Palladium and 0.09 g/t gold. This included 21.0 meters that averaged 0.79 % copper, 0.29 g/t Platinum, 0.63 g/t Palladium and 0.24 g/t gold. Hole M-01-03 intersected 128.1 meters that graded 0.39 % copper, 0.17 g/t Platinum, 0.23 g/t Palladium and 0.15 g/t gold. Hole M-01-04 intersected 127.4 meters that graded 0.36 % copper, 0.18 g/t Platinum, 0.24 g/t Palladium and 0.13 g/t gold. Hole M-02-08 intersected 38.9 meters that graded 0.50 % copper, 0.25 g/t Platinum, 0.34 g/t Palladium and 0.15 g/t gold. This included 10.9 meters that averaged 0.95 % copper, 0.53 g/t Platinum, 0.68 g/t Palladium and 0.31 g/t gold.

*Santa Fe Area* - The Santa Fe area is located 7.0 kilometres east of Maricela. A total of four diamond drill holes totalling 728 metres tested two separate strongly anomalous soil and rock geochemical areas outlined by previous programs. The two areas were each tested with two holes spaced 100 metres apart.

*El Capule Area* - Three diamond drill holes totalling 485 metres tested under the recently completed trenching in this area, located 10.5 km east of Maricela. No significant intervals were encountered in any of these holes.

A second phase of exploration was completed in October of 2002. Excavator trenching was carried out over four separate target areas to test coincident favourable geology and anomalous rock and soil geochemical responses. Three of the targets were located within the eastern portion of the mafic complex, and were up to 13.0 km east of the Maricela area. A further four trenches were also completed within the Maricela area, bringing the total number of trenches in this area to sixteen. Following this trenching program a second phase of drilling was carried out totaling 1,554 meters in 10 diamond drill holes. Five of these holes tested a 1,100 meter long section of the mafic complex,

including the Maricela area. Three holes tested a portion of the projected hangingwall contact area between massive pyroxenite and megacrystic gabbro in the Maricela area. Two short holes tested the El Pochote area 2.4 kilometers east of San Pablo.

Limited induced polarization work and a further three holes were drilled early in 2003, no significant values were encountered.

### ***Infrastructure***

All major services are found in Mazatlan, a major city located twenty kilometres to the south of the prospect. Labour is available in local towns and villages. There is good road access throughout most of the area and a major highway (Number 15) crosses the western part of the prospect and major power lines also cross the western and eastern portions of the prospect. A local power line network supplies electricity to villages within the area.

### ***Planned Work Program - Fiscal 2004, Ending December 31, 2004***

The Company has no planned exploration program for Fiscal 2004. A limited metallurgical test indicated low concentrate grades from the material tested. If any new exploration results on the property were encouraging, further

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testing would be indicated to determine how to achieve high concentrate grades. The Company and Santoy plan to seek new joint venture partners.

## **Item 5. Operating and Financial Review and Prospects**

### ***Operating Results***

The amalgamation of Almaden Resources Corporation and Fairfield Minerals Ltd. was completed effective December 31, 2001. The comparative figures on the Consolidated Balance Sheets as at December 31, 2001 include the assets of Almaden Resources Corporation at their carrying value and the assets of Fairfield Minerals Ltd. at fair value. The comparative figures on the Consolidated Statements of Loss and Deficit for the years ended December 31, 2001 report the results of activities of Almaden Resources Corporation.

The following discussion and analysis of the results of operations and the Company's financial position should be read in conjunction with the consolidated financial statements and related notes for the year ended December 31, 2003 appearing under Item 17 - Financial Statements and listed under Item 19 - Exhibits.

The Company's consolidated financial statements are stated in Canadian Dollars and are prepared in accordance with Canadian GAAP, the application of which, in the case of the Company, conforms in all material respects for the periods presented with U.S. GAAP except as presented in Note 17 to the consolidated financial statements included herein.

The Company is in the business of acquiring and exploring mineral properties and prospects in Canada, the United States and Mexico with the aim of developing them to a stage where they can be exploited at a profit or to arrange joint ventures whereby other companies provide funding for development and exploitation. At that stage, the Company's operations would, to some extent, be dependent on the world market prices of any minerals mined. The Company does not have producing properties and operations on its properties and prospects are exploratory searches for mineable deposits.

#### **Fiscal 2003 compared to Fiscal 2002**

The Company's operations during the year ended December 31, 2003 ("Fiscal 2003") produced a net loss of \$1,326,305 or \$0.06 per share compared to \$3,198,025 or \$0.16 per share for the fiscal year ended December 31, 2002 ("Fiscal 2002"). The significant fluctuation in net loss is primarily due to the expense for mineral properties interests write-downs of \$105,666 during Fiscal 2003 compared to \$2,180,738 during Fiscal 2002.

The Company has no revenue from mining operations. Revenue currently consists of recovery of costs in excess of costs incurred relating to mineral property agreements, interest income, the recovery of tax and mineral exploration tax credits. Revenue in Fiscal 2003 remained consistent with revenue in Fiscal 2002.

General and administrative costs were \$605,763 during Fiscal 2003 compared to \$598,753 during Fiscal 2002. General exploration costs were \$439,503 in Fiscal 2003 compared to \$332,485 in Fiscal 2002. This increase was primarily due to the joint venture program in Eastern Mexico with BHP Billiton. Non-cash stock option expense was \$220,000 during Fiscal 2003 compared to \$162,000 during Fiscal 2002.

#### **Fiscal 2002 compared to Fiscal 2001**

The Company's loss for the fiscal year ended December 31, 2002 ("Fiscal 2002") totalled \$3,036,025 (\$0.16 per share) as compared to \$650,095 (\$0.05 per share) for the fiscal year ended December 31, 2001 ("Fiscal 2001"). The larger loss in Fiscal 2002 includes the write-down of interests in mineral properties, mostly the Caballo Blanco property in



Mexico.

During Fiscal 2002 revenue totalled \$122,538 as compared to \$30,538 in Fiscal 2001. Revenue from the Ram property exceeded its carried value and \$58,577 was recovered in mining tax credits which is included in other income. An increase of cash available for investment increased interest income.

During Fiscal 2002 expenses totalled \$3,111,976 as compared to \$520,513 in Fiscal 2001, including the write-down of interests in mineral properties. General and administrative expenses increased during Fiscal 2002 mainly due to the completion of the amalgamation and the cost of compliance in both Canada and Mexico including maintaining the Company's listing on the Toronto Stock Exchange. During Fiscal 2002, the Company changed its lawyers and accountants in Mexico in an attempt to reduce the cost of operating there. General exploration was more active and,

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as a result, increased during Fiscal 2002.

During Fiscal 2002 the Company incurred a loss on securities of \$54,980 as compared to a loss of \$164,055 in Fiscal 2001 due to the write-down of common shares held by the Company to the lower of cost or market. The Company realized a gain of \$15,144 during Fiscal 2002 on the sale of fixed assets and a loss on foreign exchange of \$6,751 as compared to a gain of \$3,935 during Fiscal 2001.

### *Liquidity and Capital Resources*

#### **Fiscal 2003 Ended 12/31/2003**

At the end of Fiscal 2003, the Company had working capital of \$5,100,785 compared to \$1,521,627 at the end of Fiscal 2002 and cash and cash equivalents of \$4,838,914 at the end of Fiscal 2003 compared to \$ 964,967 at the end of Fiscal 2002. The significant increase in cash is primarily due to the issuance of capital stock. In addition, the market value of the Company's inventory of gold bullion at the end of Fiscal 2003 was \$859,681 - \$584,913 above book value. The market value of marketable securities at the end of Fiscal 2003 was \$1,268,497 - \$899,211 above book value. These values differ from the GAAP valuation on the balance sheet which is at the lower of cost or market. Also, included in working capital is a contingent liability in the event the Company is unsuccessful in its appeal of assessed additional mineral tax for prior years. The Company expects its level of cash resources to be sufficient to meet its working capital and mineral exploration requirements for the next several years. The Company has no

long-term debt.

Cash used for operating activities during Fiscal 2003 was \$911,766 after adjusting for the non-cash activities compared to \$855,487 during Fiscal 2002.

Cash flows from financing activities during Fiscal 2003 were \$5,779,301 compared to \$2,378,605 during Fiscal 2002. This significant increase in sources of cash reflects the success of the Company in raising a total of \$4,087,341 through the issue of new shares and the exercise of options and warrants in 2003.

In March 2003, the Company completed a private placement of 80,000 units raising proceeds of \$62,780 net of issue costs. In August 2003 the Company completed a private placement of 323,500 units raising proceeds of \$247,671 net of issue costs. In September 2003 the Company completed a private placement of 1,700,000 units raising proceeds of \$1,160,524 net of issue costs. In October 2003, the Company completed a private placement of 55,000 units and 70,000 common shares raising proceeds of \$183,856. In December 2003, the Company completed a private placement of 280,000 units raising proceeds of \$413,700 net of issue costs. In December, the Company completed a second private placement of 135,000 units and 5,000 common shares raising proceeds of \$294,173 net of issue costs. In January 2004, the Company completed a private placement of 1,300,000 common shares raising proceeds of \$1,699,435 net of issue costs. These funds were received prior to December 31, 2003 and were recorded as a subscription for shares. Further details regarding the private placements are disclosed in note 9 to the consolidated financial statements.

During the year the Company received cash proceeds of \$1,648,664 and \$75,973 pursuant to the exercise of share purchase warrants and stock options, respectively.

Subsequent to December 31, 2003 and up to March 31, 2004, the Company received cash proceeds of \$569,461 from the exercise of share purchase warrants and stock options.

During Fiscal 2003, Almaden had net proceeds from the sale of marketable securities in excess of purchases of \$244,768 compared to the purchase of marketable securities in excess of sales during Fiscal 2002 of \$164,366. \$247,879 was invested in property, plant and equipment during Fiscal 2003 primarily the dismantling and moving of the mill, compared to \$151,856 during Fiscal 2002, net of proceeds. Investments of \$990,477 were made in mineral properties interests primarily in Mexico and British Columbia during Fiscal 2003 compared to \$873,935 during Fiscal 2002. There were no gold sales during Fiscal 2003 compared to \$362,906 during Fiscal 2002.

**Fiscal 2002 Ended 12/31/2002**

The cash and cash equivalents of the Company at the end of Fiscal 2002 amounted to \$964,967 compared to \$274,100 at the end of Fiscal 2001. The Company had working capital at the end of Fiscal 2002 of \$1,521,627 compared to \$860,192 in Fiscal 2001. Included in working capital is the Company's inventory of gold, acquired on amalgamation with Fairfield, which is recorded at cost of production not market value. Also included in working

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capital is a contingent liability in the event the Company is unsuccessful in its appeal of assessed additional mineral tax for prior years. The Company has no long-term debt.

Cash flow from operations, after allowing for the effects of changes in non-cash working capital components, was a use of \$855,487 in Fiscal 2002 compared to a use of \$296,761 in Fiscal 2001.

Cash provided by the issuance of shares during Fiscal 2002 totalled \$2,378,605, net of expenses. In April 2002, the Company closed a private placement consisting of 2,050,000 Units (50,000 of which are Units paid on commission), at a price of \$0.43 per Unit, each Unit consisting of one common share and one-half share purchase warrant with each whole warrant granting the right to purchase one additional common share during the first year at a price of \$0.51 per share and during the second year at a price of \$0.60 per share. Also in April 2002, the Company completed a private placement consisting of 200,000 flow-through common shares and 180,000 Units, at a price of \$0.55 per share/Unit, each Unit consisting of one common share and one share purchase warrant granting the right to purchase one additional common share during the first year at a price of \$0.60 per share and during the second year at a price of \$0.65 per share. In October 2002, a private placement consisting of 1,720,000 Units (70,000 of which are Units paid on commission), at a price of \$0.55 per Unit, each Unit consisting of one common share and one share purchase warrant with each warrant granting the right to purchase one additional common share during the first year at a price of \$0.60 per share and during the second year at a price of \$0.70 per share closed. The Company also issued 134,750 shares on the exercise of share purchase warrants and 122,077 shares in partial consideration for the acquisition of a mill. Wheaton River Minerals Ltd., having earned a 10% interest in the Elk property by providing \$350,000 for exploration, converted its interest into 388,889 shares.

Cash used in Fiscal 2002 for investing activities totalled \$832,251 compared to cash provided of \$283,262 in Fiscal 2001. During Fiscal 2002, expenditures on mineral properties increased mostly due to exploration programs undertaken on the Elk, ATW, PV and El Pulpo properties. In March, ATW Resources Ltd., of which the Company has a net 40% interest, entered into a joint venture agreement with Aberex Minerals Ltd. and SouthernEra Resources Limited whereby each party agreed to pay all costs of exploration on the ATW property pro-rata to their interest. In June, the Company entered into an agreement with Wheaton River Minerals Ltd. whereby Wheaton committed to spend \$350,000 on the Elk property. Several of the Company's properties in Mexico were optioned out to third parties who were incurring all costs to earn their interest in the properties. In May, the Company entered into an agreement with Ascot Resources Ltd. whereby Ascot had the right to earn an initial 50% interest in the Yago/La Sarda property and in November, the Company entered into an agreement with Grid Capital Corporation whereby Grid has the right

to earn an initial 50% interest in the Galeana project. The Company also entered into an agreement in May with BHP Billiton World Exploration Inc. to undertake exploration in eastern Mexico. Cash was provided in 2002 on the sale of the Company's inventory of gold, net of cost and taxes payable. Excess cash balances were used to purchase marketable securities during Fiscal 2002 compared to cash being provided by the sale of marketable securities during Fiscal 2001. Fixed asset acquisitions increased in 2002, mostly in the acquisition of a mill. This mill is suitable for the Siwash Gold Property and was available at below replacement cost. Cash was also provided on the sale of fixed assets during Fiscal 2002. During Fiscal 2001, cash was acquired on amalgamation.

As none of the Company's properties or prospects are currently in production and consequently, do not produce any revenue, there is little variation expected in operating results from year to year until such time, if any, as a production decision is made on one of its properties or prospects. The Company is likely to continue incurring annual losses until/unless a significant discovery is made and there is no reassurance this will happen.

### ***Trend information***

The mineral exploration industry has been through a very difficult period with low prices for both precious and base metals. Management believes that the lack of interest lead to low market capitalizations and large companies found it was easier to grow by purchasing companies or mines than to explore for them. This lead to downsizing of large company exploration staffs and many professionals took early retirement or left the industry to pursue other careers. As a result of these trends, there are few good gold-silver projects in the pipeline and a developing shortage of experienced explorationists. With improving metal prices and increasing demand, especially from Asia, supply difficulties may occur in the future and there is a discernible need for good exploration projects based on sound geological work. As junior companies (many of which are staffed by former large company geologists) find it easier to raise funds, they are beginning to seek properties of merit to explore.

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### ***Off-balance Sheet Arrangements***

The Company has no off-balance sheet arrangements other than the lease related to its office premises as disclosed below.

### ***Forward looking statements***

Certain information included in this discussion may constitute forward-looking statements. Forward-looking statements are based on current expectations and entail various risks and uncertainties. These risks and uncertainties could cause or contribute to actual results that are materially different than those expressed or implied. The Company disclaims any obligation or intention to update or revise any forward-looking statement, whether as a result of new

information, future events, or otherwise.

### ***Contractual Obligations***

The Company is obligated under an operating lease for its office premises with the following aggregate minimum lease payments to the expiration of the lease on January 31, 2009. The Company intends to renew its Rock River coal licenses in July 2004 for a three-year term. All other property options payments on the Company's projects have been assumed by third parties who are earning their interests in the projects. Table No. 4 lists these contractual obligations.

**Table No. 4**

### **Contractual Obligations of the Company**

|                                       | Total     | Payments due by period |                |                |                         |
|---------------------------------------|-----------|------------------------|----------------|----------------|-------------------------|
|                                       |           | less<br>than 1<br>year | 1 - 3<br>years | 3 - 5<br>years | more<br>than 5<br>years |
| Operating lease obligations           | \$189,581 | \$37,473               | \$111,753      | \$40,355       | -                       |
| Mineral property acquisition payments | 32,867    | 4,712                  | 28,155         | -              | -                       |

### ***U.S. Generally Accepted Accounting Principles***

See Note 17 to the Consolidated Financial Statements for the differences between Canadian and United States generally accepted accounting principles as applicable to the Company's operations. Under U.S. GAAP, the Company is considered a exploration stage company. Consequently, U.S. GAAP requires that mineral property costs that are deferred under Canadian GAAP be expensed until there is substantial evidence of the existence of a mineable ore deposit that can be commercially exploited by the Company. U.S. GAAP requires either the use of a fair based method of accounting for stock options where compensation cost is measured at the date of grant based on the fair value of the options granted and is recognized over the exercise period or the intrinsic value method. The Company uses the intrinsic value method and as it grants its stock options at market price, no compensation cost is recognized.

Under Canadian GAAP, recognition is at the time the option is exercised. Under U.S. GAAP the Company classifies its equity securities and long-term investments as available-for-sale securities with any net realized holding gains to be

included in other comprehensive income whereas under Canadian GAAP securities are carried at cost unless there is evidence of an impairment which is other than temporary.

### ***Critical Accounting Policies***

The Company's significant accounting policies are set out in Note 2 of the audited consolidated financial statements. There are two policies that due to the nature of the mining business may not be readily understood. These policies relate to the capitalizing of mineral exploration expenditures and the use of estimates.

The Company defers all costs relating to the acquisition and exploration of its mineral properties. Any revenues received from such properties are credited against the costs of the property. If commercial production commenced on any of the Company's properties, all costs would be charged to operations on a unit-of-production method. The Company's management periodically reviews the results of its exploration programs. Any decisions to abandon or reduce exploration efforts on any of its properties would result in a charge to operations when such decision is made. There is not a predetermined hold period for any property as geological or economic circumstances render each property unique.

### ***Critical accounting estimates***

A detailed summary of all the Company's significant accounting policies is included in note 2 to the annual consolidated financial statements for the year ended December 31, 2003. Significant estimates used in the preparation of these consolidated financial statements include, amongst other things, depreciation, determination of net recoverable value of assets, determination of fair value on taxes, contingencies and share compensation.

### ***Changes in accounting principles***

#### ***Stock-based compensation***

The Canadian Institute of Chartered Accountants ("CICA") amended the stock option compensation and other stock based payments accounting standard during 2003. The Company early adopted the standard and the consolidated financial statements for the year ended December 31, 2003 reflect this. This change has been applied retroactively and the consolidated financial statements for 2002 have been restated. The effect of this change was to increase the net loss for the year ended December 31, 2002 by \$162,000 for a net loss of \$3,198,025. Please see note 2(j) and 3 to the consolidated financial statements for further details.

#### ***Asset retirement***

The CICA issued a new standard relating to asset retirement obligations effective for fiscal years beginning on January 1, 2004. The standard requires the recognition in the financial statements of the liability associated with the net present value of future site reclamation costs when the liability is incurred. These obligations are initially measured at fair value and subsequently adjusted for the accretion of discount and any changes to the underlying costs. The asset retirement cost is to be capitalized and amortized into operations over time. The Company is currently assessing these requirements to ensure it complies with the new standards starting in 2004.

## Item 6. Directors, Senior Management and Employees

Table No. 5 lists the directors and senior management of the Company. The directors have served in their respective capacities since their election and/or appointment and will serve until the next annual general meeting or until a successor is duly elected, unless the office is vacated in accordance with the Articles/By-Laws of the Company. All directors are residents and citizens of Canada.

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**Table No. 5**

**-Directors of the Company**

| <b>Name</b>                       | <b>Age</b> | <b>Date First Elected or Appointed</b> |
|-----------------------------------|------------|--|
| James Duane Poliquin              | 63         | February 1, 2002 <sup>(3)</sup>        |
| James E. McInnes <sup>(1)</sup>   | 66         | February 1, 2002 <sup>(3)</sup>        |
| John D. McCleary <sup>(2)</sup>   | 63         | February 1, 2002 <sup>(3)</sup>        |
| Joseph Montgomery                 | 76         | February 1, 2002 <sup>(3)</sup>        |
| Morgan Poliquin <sup>(2)</sup>    | 32         | February 1, 2002 <sup>(3)</sup>        |
| Gerald G. Carlson <sup>(1)</sup>  | 58         | February 1, 2002 <sup>(3)</sup>        |
| Donald Lorimer <sup>(1) (2)</sup> | 70         | November 17, 2003                      |

<sup>(1)</sup> Member of Audit Committee

(2) Member of Corporate Governance Committee

(3) Date of issue of the Certificate of Amalgamation

Duane Poliquin has been a director of Almaden Resources Corporation since September 1980, James E. McInnes since December 1985, Jack McCleary since June 1991 and Morgan Poliquin since June 1999

Duane Poliquin and James E. McInnes were directors of Fairfield Minerals Ltd., the Company's predecessor, since June 1996, Joseph Montgomery since July 2000 and Gerald G. Carlson since July 1998.

Table No. 6 lists the Executive Officers of the Company. The Executive Officers serve at the pleasure of the Board of Directors. All Executive Officers are residents and citizens of Canada.

**Table No. 6**

**Executive Officers of the Company**

| <b>Name</b>          | <b>Position</b>               | <b>Age</b> | <b>Date First Appointed</b>     |
|----------------------|-------------------------------|------------|---------------------------------|
| James Duane Poliquin | President and Chief Executive | 63         | February 1, 2002 <sup>(4)</sup> |
| Dione Bitzer         | Chief Financial Officer       | 43         | February 1, 2002 <sup>(4)</sup> |

(4) Date of issue of the Certificate of Amalgamation

Duane Poliquin was appointed an Officer of Almaden Resources Corporation in September 1980 and of Fairfield Minerals Ltd. in June 1996. Dione Bitzer was appointed an Officer of Fairfield Minerals Ltd. in March 2001.

**Duane Poliquin** is a registered professional geological engineer with over 40 years experience in mineral exploration and the founding shareholder of Almaden Resources Corporation. He gained international experience with major mining companies where he participated in several important mine discoveries. Mr. Poliquin has held executive positions with several junior resource companies over his career and was President of Westley Mines Ltd. when that company discovered the Santa Fe gold deposit in Nevada. He has recently agreed to become a director of Motapa Diamonds Inc. ("Motapa"), a private company exploring for diamonds in Africa. Motapa plans to do a public financing during 2004. Mr. Poliquin spends all of his time of the affairs of the Company and is the father of Morgan Poliquin.



**James E. McInnes** is a retired lawyer and a geologist with over 40 years experience in mineral exploration and mining law. He has held executive positions with several junior resource companies over his career. He also serves as a director and President of Williams Creek Explorations Limited, a gold, copper and diamond exploration company listed on the TSX Venture Exchange ("TSX-V) and Horseshoe Gold Mining Inc., a diamond exploration company listed on the TSX-V. Mr. McInnes spends about one-third of his time on the affairs of the Company.

**Jack McCleary** is a registered professional geologist with 40 years experience in petroleum and mineral exploration. He has held executive positions with several junior resource companies over his career and for several years was a Vice President of Dominion Securities Ltd. He served as a director and President of Canadian Hydro Developers Inc. until December 1995 at which time he retired and as a director and President of Troymin Resources Ltd. until April 2003 at which time Troymin amalgamated with Santoy Resources Ltd. where he serves as a director. Santoy Resources Ltd. is a precious and base metals, coal and coal bed methane and diamond exploration company listed on the TSX-V.

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**Joseph Montgomery, Ph.D., P.Eng.** is a professional engineer registered with the Association of Professional Engineers and Geoscientists of B.C. He has over 40 years experience in the mineral industry primarily as a consultant in base and precious metals, industrial metals and gemstones. He is President of Montgomery Consultants Ltd. and is on the Advisory Board of the Canadian Institute of Gemology. Mr. Montgomery also serves as a director of the following junior resource companies:

- a.  
Abitibi Mining Corp., a company with lead and zinc property holdings listed on the TSX-V.
- b.  
Sedex Mining Corp., a company with lead and zinc property holdings listed on the TSX-V.
- c.  
Anglo Minerals Ltd., a company with coal and tar sands deposits listed on the TSX-V.
- d.  
Better Resources Ltd., a copper exploration company listed on the TSX-V.

e.  
Comcorp Ventures Inc., a gold and base metals exploration company listed on the TSX-V.

**Morgan Poliquin**, M.Sc., is a registered professional geological engineer with 10 years experience in mineral exploration. He is the son of Duane Poliquin. He has a B.A.Sc. degree in geological engineering from the University of British Columbia and a M.Sc. in geology from the University of Auckland, 1996. He also serves as a director of Williams Creek Explorations Limited, a gold, copper and diamond exploration company listed on the TSX-V.

**Gerald G. Carlson**, Ph.D., P.Eng, has been involved in mineral exploration and junior exploration company management for over 30 years. Mr. Carlson has a B.A.Sc. from the University of Toronto, a M.Sc. from Michigan Technological University and Ph. D. from Dartmouth College. He is past President of ConSil Corp. and past Vice President of Exploration for Dentonia Resources Ltd. Mr. Carlson became President, Chief Executive Officer and a director of La Teko Resources Ltd. in December 1996, a position he held until the acquisition of La Teko by Kinross Gold Corporation in February 1999. Since 1999, he has been President and CEO of Copper Ridge Explorations Inc. and he holds the position of Chairman of IMA Exploration Inc. He is a past President of the B.C. and Yukon Chamber of Mines, President of the Society of Economic Geologists Canada Foundation and a member of the Professional Engineers and Geoscientists of British Columbia, the Professional Engineers of the Yukon Territory and the Canadian Institute of Mining, Metallurgy & Petroleum. Mr. Carlson also serves as a director or officer of the following junior resource companies:

a.  
President of Copper Ridge Explorations Inc., a gold and copper exploration company listed on the TSX-V.

b.  
Director of Nevada Star Resource Corp., a platinum, nickel and copper exploration company listed on the  
TSX-V and NASDAQ Bulletin Board.

c.  
Chairman of IMA Exploration Inc., a silver, gold exploration company listed on the TSX-V.

d.  
Director of Dentonia Resources Ltd., a diamond exploration company listed on the TSX-V.

e.  
Director of Orphan Boy Resources Inc., a gold and base metals exploration company listed on the TSX-V.

f.

Director of Candem Capital Corp., a gold and base metals exploration company listed on the TSX-V.

**Donald M. Lorimer** is a portfolio manager with Odlum Brown Ltd. Mr. Lorimer qualified as a Chartered Accountant with Price Waterhouse & Co. and subsequently was a financial executive with Patino Mining Corporation and Little Long Lac Gold Mines Ltd. In 1971 he joined A.E. Ames & Co. and became a director and vice president responsible for corporate and government underwriting in British Columbia.

**Dione Bitzer** is a Certified Management Accountant with over 20 years accounting experience with junior exploration companies. She has held executive positions with several junior resource companies. She also serves as Secretary of Williams Creek Explorations Limited, a gold, copper and diamond exploration company listed on the TSX-V. Miss Bitzer spends about three-quarters of her time on the affairs of the Company.

No director and/or executive officer has been the subject of any order, judgment, or decree of any governmental agency or administrator or of any court or competent jurisdiction, revoking or suspending for cause any license, permit or other authority of such person or of any corporation of which he is a director and/or executive officer, to engage in the securities business or in the sale of a particular security or temporarily or permanently restraining or enjoining any such person or any corporation of which he is an officer or director from engaging in or continuing any conduct, practice, or employment in connection with the purchase or sale of securities, or convicting such person of any felony or misdemeanor involving a security or any aspect of the securities business or of theft or of any felony. Seine River Resources Inc. (now Trinity Plumas Capital Corp.), of which James E. McInnes was a director was subject to a cease-trade order as of July 24, 1996, subject to the submission of overdue documentation, which was revoked on August 8, 1996. Williams Creek Explorations Limited, of which James E. McInnes and Morgan Poliquin are directors and Dione Bitzer an officer, was subject to a cease-trade order as of July 22, 1999, subject to

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the submission of overdue documentation, which was revoked on August 5, 1999. Joseph Montgomery was subject to a cease trade order in the securities of Home Ventures Ltd. as of May 23, 1996 for failure to file insider reports, which was revoked on June 14, 1996.

There are no arrangements or understandings with any two or more directors or executive officers pursuant to which he was selected as a director or executive officer.

The Company has no formal plan for compensating its directors for their service in their capacity as directors. Directors are entitled to reimbursement for reasonable travel and other out-of-pocket expenses incurred in connection with attendance at meetings of the Board of Directors. The Board of Directors may award special remuneration to any director undertaking any special services on behalf of the Company other than services ordinarily required of a director. Other than indicated below no director received any compensation for his services as a director, including committee participation and/or special assignments.

Total compensation paid by the Company directly and/or indirectly to all directors and executive officers during Fiscal 2003 ended December 31, 2003 was \$243,539.

**Table No. 7**

**Summary Compensation Table**

| <b>Name and<br/>Principle Position</b>                             | <b>Annual Compensation</b> | <b>Long-Term Compensation Awards</b> |               |              |                                  |  |
|--|----------------------------|--------------------------------------|---------------|--------------|----------------------------------|--|
|  |                            | <b>Fiscal Year</b>                   | <b>Salary</b> | <b>Bonus</b> | <b>Other Annual Compensation</b> | <b>Restricted Stock Awards<br/>Options/ SARS Granted<br/>LTIP Payouts<br/>All other Compensation</b> |
| Duane Poliquin<br>President, Director &<br>Chief Executive Officer |                            |                                      |               |              |                                  |  |

2003

2002

2001

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

375,000

91,092

Nil

Nil

Nil

\$110,400

102,000

13,000<sup>1)</sup>

James E. McInnes

Secretary & Director

2003

2002

2001

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

25,000

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Jack McCleary

Director

2003

2002

2001

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

50,000

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Joseph Montgomery

Director

2003

2002

2001

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

25,000

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Morgan Poliquin

Director

2003



2002

2001

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

250,000

375,000

Nil

Nil

Nil

Nil

\$80,064

68,300

43,550<sup>(2)</sup>

Gerald G. Carlson

Director

2003

2002

2001

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Nil

25,000

Nil

Nil

Nil

Nil

Nil

Nil

Nil

Donald M. Lorimer

Director

2003

2002

2001

Nil

N/A

N/A

Nil

N/A

N/A

Nil

N/A

N/A

Nil

N/A

N/A

50,000

N/A

N/A

Nil

N/A

N/A

Nil

N/A

N/A

Dione Bitzer

Chief Financial Officer

2003

2002  
2001  
Nil  
Nil  
Nil  
Nil  
Nil  
Nil  
Nil  
Nil  
Nil  
Nil  
Nil  
Nil  
Nil  
112,000  
40,000  
Nil  
Nil  
Nil  
Nil  
\$53,075  
48,400  
Nil<sup>(3)</sup>

<sup>(1)</sup> For geological services provided to the Company by Hawk Mountain Resources Ltd., a company owned by Duane Poliquin and his wife. Hawk Mountain Resources Ltd. was also paid \$96,000 during 2001 for management and geological technical services provided to Fairfield Minerals Ltd. (the Company's

predecessor).

(2) For geological services provided by Kohima Pacific Gold Corp., a company owned by Morgan Poliquin.

Kohima Pacific Gold Corp. was also paid \$22,750 during 2001 for geological services provided to Fairfield Minerals Ltd. (the Company's predecessor) and its subsidiary.

(3) Miss Bitzer was appointed an officer of the Company's predecessor (Fairfield) in March 2001. Miss Bitzer was paid a total of \$45,375 by the Company and Fairfield for accounting services provided during 2001.

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***Stock options***

Incentive stock options to purchase securities from the Company are granted to directors, executive officers, employees and contractors of the Company on terms and conditions acceptable to the regulatory authorities in Canada, notably the Toronto Stock Exchange and the Ontario Securities Commission.

Incentive stock options previously granted by the Company and its predecessor, which, by the terms of the amalgamation, become options granted by the Company, are not options granted under the Company's formal stock option plan.

Under the Company's formal written stock option plan, incentive stock options for up to 2,000,000 shares of common stock are reserved for issuance and may be granted from time to time provided that incentive stock options in favour of any one individual not exceed 5% of the issued and outstanding shares of common stock. No incentive stock option granted under the stock option program is transferable by the optionee other than by will or the laws of descent and distribution, and each incentive stock option is exercisable during the lifetime of the optionee only by such optionee.

The exercise price of all incentive stock options granted under the stock option plan are determined in accordance with Ontario Securities Commission guidelines and must be calculated using the average of the daily high and low board lot trading prices of the common shares over the five days immediately preceding and including the date of grant, but shall not be lower than the closing price on the trading day immediately preceding the day on which the option is granted. The maximum term of each incentive stock option may not exceed five years.

The names and titles of the directors and executive officers of the Company or the Company's predecessor to whom outstanding stock options have been granted and the number of common shares subject to such options as of April 30, 2004 are set forth in Table No. 8 , as well as the number of options granted to directors, executive officers, employees and contractors as a group.

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**Table No. 8****Stock Options Outstanding**

| <b>Name</b>             | <b>Number of Options<br/>Outstanding</b> | <b>Exercise Price<br/>CDN\$</b> | <b>Expiry Date</b> |
|-------------------------|--|---------------------------------|--------------------|
| Duane Poliquin,         | 310,000                                  | \$0.30                          | 03/01/2006         |
| President, Director &   | 91,092                                   | 0.27                            | 08/23/2006         |
| Chief Executive Officer | 375,000                                  | 0.55                            | 02/28/2007         |
|                         | 324,371                                  | 0.45                            | 10/07/2008         |
| James E. McInnes,       | 160,000                                  | 0.30                            | 03/01/2006         |
| Director                | 25,000                                   | 0.55                            | 02/28/2007         |
|                         | 135,520                                  | 0.45                            | 10/07/2008         |
| Jack McCleary           | 50,000                                   | 0.55                            | 02/28/2007         |
| Director                | 53,900                                   | 0.45                            | 10/07/2008         |
| Morgan Poliquin         | 77,000                                   | 0.49                            | 05/04/2005         |
| Director                | 60,000                                   | 0.30                            | 03/01/2006         |

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|   |                  |       |            |
|---|------------------|-------|------------|
|   | 375,000          | 0.55  | 02/28/2007 |
|   | 250,000          | 0.80  | 02/26/2008 |
|   | 130,900          | 0.45  | 10/07/2008 |
|   | 154,000          | 0.388 | 12/01/2009 |
| Gerald G. Carlson                                     | 50,000           | 0.30  | 03/01/2006 |
| Director  | 25,000           | 0.55  | 02/28/2007 |
| Donald Lorimer  | 40,000           | 1.37  | 09/26/2008 |
| Director  |                  |       |            |
| Dione Bitzer  | 37,000           | 0.80  | 02/26/2008 |
| Chief Financial Officer                               | 75,000           | 0.74  | 04/07/2008 |
| Total Directors/Officers (7 persons)                  | 2,798,783        |       |            |
| Total Employees/Consultants (6 persons)               | 242,000          |       |            |
| <b>Total Directors/Officers/Employees/Consultants</b> | <b>3,040,785</b> |       |            |

No funds were set aside or accrued by the Company during Fiscal 2003 to provide pension, retirement or similar benefits for directors or executive officers

***Board Committees***

The directors of the Company are elected annually and hold office until the next annual general meeting or until a successor is duly elected, unless the office is vacated in accordance with the Articles/By-Laws of the Company. All officers serve at the pleasure of the Board.

The Board of Directors currently has two committees: the Audit Committee and the Corporate Governance

Committee. The members of both committees do not have any fixed terms for holding their positions, are appointed by resolution of the Board of Directors and do not receive any separate remuneration for acting as members of the committees.

As Noted in the Company's proxy solicitation material for the Annual General Meeting scheduled for June 4, 2004:

"All of the members of the committees have been determined by the Board to be unrelated directors, such determination being made in accordance with the TSX Guidelines, taking into consideration any relationship an individual director may have with the Company and if such relationship could be perceived to materially interfere

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with the director's ability to act with a view to the best interest of the Company. Mandates of each of the committees will undergo review to bring them into line with any new Canadian and U.S. governance requirements as these requirements are finalized and determined by the Board to be applicable and appropriate to the Company and its operations. Any revisions to the mandates will be available on the Company's website at [www.almadenminerals.com](http://www.almadenminerals.com).

#### **Audit Committee**

The members of the Audit Committee are Messrs. Donald Lorimer, James E. McInnes and Gerald Carlson. The committee is responsible for reviewing the Company's financial reporting procedures, internal controls and the performance of the Company's external auditors. In addition, that committee is also responsible for reviewing the annual financial statements prior to their approval by the full Board and is available for consultation by management or the Auditors of the Company. The Audit Committee has met once this year.

#### **Corporate Governance Committee**

Members of the Corporate Governance Committee are Messrs. Donald Lorimer, Jack McCleary and Morgan Poliquin. That committee was responsible for making recommendations to the Board with respect to developments in the area of corporate governance, the practices of the Board, and appropriate candidates for nomination to the Board, and for evaluating the performance of the Board."

The Company currently operates with six persons in Canada, of which two are administrative personnel and four are exploration personnel, some of which are retained on a contractual basis. There are no full time employees in the United States or Mexico. None of the Company's employees are covered by a collective bargaining agreement. There are no plans to add any additional personnel, other than independent contractors retained to assist in the exploration of



the Company's mineral properties.

Table No. 9 lists, as of April 30, 2004, directors and executive officers who beneficially own the Company's voting securities and the amount of the Company's voting securities owned by the directors and executive officers as a group.

**Table No. 9**

**Shareholdings of Directors and Executive Officers**

| <b>Title of Class</b> | <b>Name of Beneficial Owner</b> | <b>Amounts and Nature of Beneficial Ownership</b> | <b>Percent of Class*</b> |
|-----------------------|---------------------------------|---|--------------------------|
| Common                | Duane Poliquin                  | 2,736,637 <sup>(1)</sup>                          | 8.8%                     |
| Common                | James E. McInnes                | 724,197 <sup>(2)</sup>                            | 2.4%                     |
| Common                | Jack McCleary                   | 292,550 <sup>(3)</sup>                            | 1.0%                     |
| Common                | Joseph Montgomery               | -   | -                        |
| Common                | Morgan Poliquin                 | 1,424,579 <sup>(4)</sup>                          | 4.5%                     |
| Common                | Gerald G. Carlson               | 76,000 <sup>(5)</sup>                             | 0.3%                     |
| Common                | Donald Lorimer                  | 50,000 <sup>(6)</sup>                             | 0.2%                     |
| Common                | Dione Bitzer                    | 127,855 <sup>(7)</sup>                            | 0.4%                     |
|                       | <b>Total Directors/Officers</b> | <b>5,431,818</b>                                  | <b>17.6%</b>             |

(1)

Of these shares 1,100,463 represent currently exercisable stock options. 69,300 of these shares are held indirectly by Hawk Mountain Resources Ltd., a company owned by Mr. Poliquin and his wife.

(2)

Of these shares 320,520 represent currently exercisable stock options and 77,000 represent currently exercisable warrants. 239,470 of these shares are held indirectly through Laredo Investments Ltd., private company controlled by Mr. McInnes.

(3)

Of these shares 103,900 represent currently exercisable stock options. 38,500 of these shares are held indirectly by Connemara Resource Ventures Ltd., a company owned by Mr. McCleary.

(4)

Of these shares 1,046,900 represent currently exercisable stock options.

(5) Of these shares 75,000 represent currently exercisable stock options.

(6) Of these shares 40,000 represent currently exercisable stock options.(7)

Of these shares 112,000 represent currently exercisable stock option.

\*Based on 30,137,517 shares outstanding as of April 30, 2004 and stock options and warrants held by each beneficial owner.

### **Item 7. Major Shareholders and Related Party Transactions**

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The Company is a publicly owned Canadian corporation, the shares of which are owned by residents of the United States, residents of Canada and other foreign residents. To the extent known by the directors and executive officers of the Company, the Company is not directly or indirectly owned or controlled by another corporation and other than described above in Table 9 , there are no other persons or companies beneficially owning more than 5% of the common shares of the Company.

Certain geological and technical services were provided to the Company and its subsidiary by two directors and/or companies controlled by directors. These directors and the companies controlled by them are as follows:

(a) Duane Poliquin operates through the private company Hawk Mountain Resources Ltd.

(b) Morgan Poliquin operates through the private company Kohima Pacific Gold Corp.

The costs of such services for Fiscal 2003 ended December 31, 2003 were \$190,464, \$170,300 in Fiscal 2002 and \$56,660 in Fiscal 2001 (refer to footnotes following Table 6).

Certain officers and directors of the Company are also officers or directors of companies with which the Company has agreements and may not be considered at arm's-length to such agreements. However, any agreement or any to be negotiated between the Company and such other companies has been or will be approved by independent directors of the Company, in accordance with the common law and the provisions of the B.C. Company Act and Business Corporations Act ..

The Company, Williams Creek Explorations Limited and Troymin Resources Ltd. (now Santoy Resources Ltd.) are all shareholders in ATW Resources Ltd. and all hold an interest in the ATW property. As confirmed by a declaration of trust dated January 1, 2001, ATW Resources Ltd. acts as trustee holding the Company's beneficial 30% interest in the project. The Company and Santoy each hold a 50% interest in the Rock River Coal leases. The Company holds a 75% interest and Santoy holds a 25% interest in the Prospector Mountain prospect. The Company has 100% interest in the Fuego prospect to which Horseshoe Gold Mining Inc. has an option to earn an interest.

Other than as disclosed above, there have been no transactions or proposed transactions, which have materially affected or will materially affect the Registrant in which any director, executive officer, or beneficial holder of more than 10% of the outstanding common stock, or any of their respective relatives, spouses, associates or affiliates has had or will have any direct or material indirect interest. As stated above, management believes the transactions referenced above were on terms at least as favorable to the Company as the Company could have obtained from unaffiliated parties.

## **Item 8. Financial Information**

The financial statements as required under Item 8 are attached hereto and found immediately following the text of this Annual Report. The audit report of Deloitte & Touche LLP, independent Chartered Accountants, is included immediately preceding the financial statements.

The Company's predecessor ("Fairfield") was involved in legal proceedings resulting from a charge by a shareholder that Fairfield made false statements with regard to the estimated contained gold in the Siwash gold deposit. The plaintiff also charged that Fairfield did not reveal details of the underground development and test mining operations that he felt should have been made public. The plaintiff was claiming \$100,000 in damages. This action was commenced on October 20, 1997 in British Columbia in the Supreme Court, Action No. C975641. The matter went to trial in November 1999. On July 4, 2000 the plaintiff's claims were dismissed with costs.

The original owner of the El Encuentro, Mexico prospect has sued the Company's wholly owned subsidiary, Almaden de Mexico, S.A. de C.V., to have the property returned on grounds that he is not receiving a royalty. He was paid US\$100,000 by Eldorado Gold Corporation which was payment in full for the property and retains a net smelter return royalty. The agreement with the original owner does not provide for a royalty if there is no mine in operation. The

Company considers the lawsuit trivial and is defending this action.

Other than the above, the Company knows of no other material, active or pending legal proceedings against them; nor is the Company involved as a plaintiff in any material proceeding or pending litigation.

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Other than the above, the Company knows of no active or pending proceedings against anyone that might materially adversely affect an interest of the Company.

The Company has not declared any dividends since inception and does not anticipate that it will do so in the foreseeable future. The present policy of the Company is to retain future earnings for use in its operations and the expansion of its business.

There have been no significant changes of financial condition since the most recent audited financial statements included within this Annual Report.

## **Item 9. Offer and Listing of Securities**

The Company's common shares trade on The Toronto Stock Exchange ("TSX") in Toronto, Ontario, Canada having the symbol "AMM" and CUSIP #020283107. The Company's common shares commenced trading on February 11, 2002. On February 8, 2002, the common shares of the Company's predecessor, Fairfield Minerals Ltd., were delisted from both the TSX and the Canadian Venture Exchange and the common shares of Almaden Resources Corporation were delisted from the Canadian Venture Exchange.

Table No. 10 lists the high and low prices for shares of Almaden Minerals Ltd. common stock for the two years since amalgamation. Table No. 11 lists the high and low prices for shares of Almaden Resources Corporation common stock for the three years prior to amalgamation. Table No. 12 lists the high and low prices for the shares of Fairfield

Minerals Ltd. common stock for the three years prior to amalgamation.

**Table No. 10**

**Almaden Minerals Ltd.**

**Stock Trading Activity**

**The Toronto Stock Exchange**

| <b>Year Ended</b> | <b>High</b> | <b>Low</b> |
|-------------------|-------------|------------|
| 12/31/2003        | \$2.42      | \$0.61     |
| 12/31/2002        | \$0.87      | \$0.32     |

**Table No. 11**

**Almaden Resources Corporation**

**Stock Trading Activity**

**The Canadian Venture Exchange**

| <b>Year Ended</b> | <b>High</b> | <b>Low</b> |
|-------------------|-------------|------------|
| 12/31/2001        | \$0.30      | \$0.12     |
| 12/31/2000        | 0.50        | 0.15       |
| 12/31/1999        | 0.45        | 0.20       |

**Table No. 12**

**Fairfield Minerals Ltd.**

**Stock Trading Activity**

**The Toronto Stock Exchange**

| <b>Year Ended</b> | <b>High</b> | <b>Low</b> |
|-------------------|-------------|------------|
| 12/31/2001        | \$0.30      | \$0.17     |
| 12/31/2000        | 0.55        | 0.20       |
| 12/31/1999        | 0.77        | 0.25       |

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Table No. 1 3 lists the quarterly high and low prices for shares of Almaden Minerals Ltd. common stock for the two most recent full financial years and subsequent quarter.

**Table No. 1 3****Almaden Minerals Ltd.****Stock Trading Activity****The Toronto Stock Exchange**

| <b>Quarter Ended</b> | <b>High</b> | <b>Low</b> |
|----------------------|-------------|------------|
| 03/31/2004           | \$2.75      | \$1.95     |
| 12/31/2003           | 2.42        | 1.27       |
| 09/30/2003           | 1.49        | 0.66       |
| 06/30/2003           | 0.90        | 0.61       |
| 03/31/2003           | 0.92        | 0.63       |
| 12/31/2002           | 0.75        | 0.46       |
| 09/30/2002           | 0.80        | 0.50       |
| 06/30/2002           | 0.87        | 0.61       |
| 03/31/2002           | 0.78        | 0.25       |

Table No. 1 4 lists the high and low prices for shares of Almaden Minerals Ltd. common stock for the most recent six months.

**Table No. 14****Almaden Minerals Ltd.****Stock Trading Activity****The Toronto Stock Exchange**

| <b>Month Ended</b> | <b>High</b> | <b>Low</b> |
|--------------------|-------------|------------|
| 04/30/2004         | \$2.63      | \$1.70     |
| 03/31/2004         | 2.60        | 2.15       |
| 02/29/2004         | 2.62        | 1.95       |
| 01/31/2004         | 2.75        | 2.05       |
| 12/31/2003         | 2.42        | 1.65       |
| 11/30/2003         | 1.90        | 1.52       |

The closing price of the Company's common stock was \$2.00 on April 30, 2004.

In recent years, securities markets in Canada have experienced a high level of price and volume volatility, and the market price of many resource companies, particularly those considered speculative exploration companies, have experienced wide fluctuations in price which have not necessarily been related to operating performance or underlying asset values on prospects of such companies. Exploration for gold and other minerals is considered high risk and highly speculative in the resource industry and the trading market for precious and base metal exploration companies is characteristically volatile, with wide fluctuations of price and volume only in part related to progress of exploration. There can be no assurance that continual fluctuations in the Company's share price and volume will not occur.

The Company's common stock is issued in registered form and the following information is from the Company's registrar and transfer agent, Pacific Corporate Trust Company located in Vancouver, British Columbia and Toronto, Ontario, Canada.

On April 30, 2004, the shareholders' list for the Company's common shares showed 222 registered shareholders and 30,137,517 shares outstanding. 174 of these registered shareholders are U.S. residents, owning 7,799,041 shares

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representing 25.9% of the issued and outstanding shares of common stock.

The Company has researched the indirect holdings by depositories and other financial institutions and believes it has in excess of 300 shareholders of its common stock.

The Company is unaware of any active market in the United States for its common shares. The Registrant's common shares are not registered to trade in the United States in the form of American Depository Receipts (ADR's) or similar certificates.

**Item 10. Additional Information**

*Share purchase warrants*

At April 30, 2004 there were non-transferable share purchase warrants outstanding to acquire a total of 2,184,105 shares of the Company's common stock. These share purchase warrants were issued pursuant to private placement financings. If the shares purchase warrants are exercised during the first four months following their issuance, the shares issued will be subject to a hold period imposed by the Toronto Stock Exchange and the Ontario Securities Commission expiring at the end of the four month period.

Table No. 1 5 lists, as of April 30, 2004, share purchase warrants outstanding, the issuance date, the exercise price, and the expiration date f the warrants.

**Table No. 1 5**

**Outstanding Share Purchase Warrants**

| <b>Amount</b> | <b>Exercise Price</b> | <b>Expiry Date</b> |
|---------------|-----------------------|--------------------|
|---------------|-----------------------|--------------------|



|           | <b>CDN\$</b>                                      |            |
|-----------|---|------------|
| 115,500   | \$0.469   | 10/01/2004 |
| 103,750   | \$0.80  | 08/07/2005 |
| 27,500    | \$1.60  | 10/28/2004 |
| 140,000   | \$1.85  | 12/30/2005 |
| 68,355    | \$2.25  | 12/30/2005 |
| 1,729,000 | \$1.25/\$1.50/\$1.75/\$2.00/\$2.25 <sup>(1)</sup> | 09/18/2008 |

<sup>(1)</sup>In the event that anytime after September 18, 2004, the weighted average trading price of the Company's common shares for any 20 consecutive trading days is \$0.50 or more above the then current exercise price (the twentieth such trading day being the "Determination"), the Company agrees to immediately notify the Holder (the "Notice of Expiry") of the accelerate expiry date, which is a date not less than the thirtieth calendar day following the date of the Notice of Expiry (the "Accelerated Expiry Date"). All warrants not exercised by the expiration of the Accelerated Expiry Date shall be deemed cancelled without further notice of the Holders.

### ***Flow-Through Shares***

The Company's common shares are not normally flow-through shares but the Company has issued flow-through shares pursuant to private placements of the Company's common shares. Flow-through shares differ from other common shares in one aspect only, all other rights of the shareholder remain unchanged. Companies must specifically identify the expenditures associated with the funds raised through the sale of flow-through shares. Companies raising capital through flow-through shares must expend the funds on natural resources/exploration development in Canada. The tax benefits (depreciation, amortization, etc.) connected with the expenditures flow through to the shareholder rather than corporation. These tax benefits are available only to shareholders residing in Canada. Shareholders residing in the United States and other non-Canadian shareholders, receive no tax benefits through the purchase of flow-through shares.

On March 13, 2003, the Company closed a private placement of 80,000 Units at a price of \$0.80 per Unit. Each Unit consists of one flow-through common share and one-half share purchase warrant. Each whole warrant entitles the purchaser to purchase one additional common share of the Company at a price of \$0.95 per share for one year. All purchasers are Canadian residents.

On August 7, 2003, the Company closed a private placement of 323,500 Units at a price of \$0.80 per Unit. Each

Unit consists of one flow-through common share and one-half share purchase warrant. Each whole warrant entitles the purchaser to purchase one additional common share of the Company at a price of \$0.80 per share for two years. All purchasers are Canadian residents.

On October 28, 2003, the Company closed a private placement of 55,000 Units and 70,000 flow-through common shares at a price of \$1.50 per Unit/share. Each Unit consists of one flow-through common share and one-half share purchase warrant. Each whole warrant entitles the purchaser to purchase one additional common share of the Company at a price of \$1.60 per share for one year. All purchasers are Canadian residents.

On December 30, 2003, the Company closed a private placement of 135,000 Units and 5,000 flow-through common shares at a price of \$2.15 per Unit/share. Each Unit consists of one flow-through common share and one-half share purchase warrant. Each whole warrant entitles the purchaser to purchase one additional common share of the Company at a price of \$2.25 per share for two years. All purchasers are Canadian residents.

#### ***Memorandum and Articles of Association***

The Memorandum and Articles of the Company remain unchanged from the Annual Report for the fiscal year ended December 31, 2001 as filed with the United States Securities and Exchange Commission on May 17, 2002.

#### ***Material Contracts***

The following is a summary of each material contract, other than contracts entered into in the ordinary course of business, to which we or any member of the group is a party, for the two years preceding the date of this document.

1. Option agreement dated April 10, 2003 between the Company and Ross River Minerals Inc. ("Ross River") whereby Ross River has the right to earn a 60% interest in the El Pulpo property (based on the Company's own option on the property) by spending US\$3,000,000, issuing 425,000 shares of Ross River to the Company by April 30, 2010 and making all payments to the property vendor that come due during the earn-in period.

2.

Option agreement dated May 28, 2003 between Minera Gavilan, S.A. de C.V. (the Company's subsidiary) and Eduberto Garcia Ramirez whereby the Company has the option to acquire a 100% interest in the Los Frailes and Polo properties for payments totalling US\$150,000 and a 1% net smelter royalty.

3. Joint Venture agreement dated June 20, 2003 between the Company and Expatriate Resources Ltd. ("Expatriate") replacing previous agreement between the Company and other various joint venture partners. All matters within the previous agreement remain unchanged.

4. Letter agreement dated August 21, 2003 between the Company and Kobex Resources Ltd. ("Kobex")

whereby Kobex has the right to earn a 60% interest in the MOR, Caribou Creek and Cabin Lake prospects by spending \$1,000,000 and issuing 500,000 shares of Kobex to the Company by August 31, 2008.

5.

Option agreement dated February 11, 2004 between the Company and Grid Capital Corporation ("Grid") whereby Grid has the right to earn a 60% interest in the Guadalupe prospect by spending US\$2,000,000, issuing 500,000 shares of Grid to the Company by December 31, 2008.

6.

Option agreement dated February 11, 2004 between the Company and Horseshoe Gold Mining Inc. ("Horseshoe") whereby Horseshoe has the right to earn a 60% interest in the Fuego prospect by spending US\$3,000,000 and issuing 1,000,000 shares of Horseshoe to the Company by December 31, 2007.

7.

Joint venture agreement dated February 11, 2004 between the Company and Horseshoe Gold Mining Inc. ("Horseshoe") detailing the operations of the joint venture if and when Horseshoe earns its 60% interest in the Fuego prospect.

8.

Option agreement dated March 1, 2004 between the Company and Consolidated Spire Ventures Ltd. ("Spire") whereby Spire has the right to earn a 60% interest in the PV and Nic prospects by spending \$1,300,000 and issuing 600,000 shares of Spire to the Company by December 31, 2007.

9.

Option agreement dated March 4, 2004 between the Company and Hawkeye Gold & Diamond Inc. ("Hawkeye") whereby Hawkeye has the right to earn a 60% interest in the San Carlos prospect by spending

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US\$4,000,000 and issuing 800,000 shares of Hawkeye to the Company within seven years.

***Exchange controls***

Except as discussed above, the Company is not aware of any Canadian federal or provincial laws, decrees or regulations that restrict the export or import of capital, including foreign exchange controls, or that affect the remittance of interest, dividends or other payments to non-Canadian holders of the common shares. There are no limitations on the right of non-Canadian owners to hold or vote the common shares imposed by Canadian federal or provincial law or by the charter or other constituent documents of the Company.

The *Investment Canada Act* (the "*IC Act*") governs acquisitions of Canadian business by a non-Canadian person or entity. The *IC Act* requires a non-Canadian (as defined in the *IC Act*) making an investment to acquire control of a Canadian business, the gross assets of which exceed certain defined threshold levels, to file an application for review with the Investment Review Division of Industry Canada. The *IC Act* provides, among other things, for a review of an investment in the event of acquisition of "control" in certain Canadian businesses in the following circumstances:

1. If the investor is a non-Canadian and is a national of a country belonging to the North American Free Trade Agreement ("NAFTA") and/or the World Trade Organization ("WTO") ("NAFTA or WTO National"), any direct acquisition having an asset value exceeding \$179,000,000 is reviewable. This amount is subject to an annual adjustment on the basis of a prescribed formula in the *IC Act* to reflect inflation and real growth within Canada. This threshold level does not apply in certain sections of Canadian industry, such as uranium, financial services (except insurance), transportation services and cultural services (i.e. the publication, distribution or sale of books, magazines, periodicals (other than printing or typesetting businesses), music in print or machine readable form, radio, television, cable and satellite services; the publication, distribution, sale or exhibition of film or video recordings on audio or video music recordings), to which lower thresholds as prescribed in the *IC Act* are applicable.
2. If the investor is a non-Canadian and is not a NAFTA or WTO National, any direct acquisition having an asset value exceeding \$5,000,000 and any indirect acquisition having an asset value exceeding \$50,000,000 is reviewable.
3. If the investor is a non-Canadian and is NAFTA or WTO National, an indirect acquisition of control is reviewable if the value of the assets of the business located in Canada represents more than 50% of the asset value of the transaction or the business is involved in uranium, financial services, transportation services or cultural services (as set forth above).

Finally, certain transactions prescribed in the *IC Act* are exempted from review altogether.

In the context of the Company, in essence, three methods of acquiring control of a Canadian business are regulated by the *IC Act*: (i) the acquisition of all or substantially all of the assets used in carrying on business in Canada; (ii) the acquisition, directly or indirectly, of voting shares of a Canadian corporation carrying on business in Canada; or (iii) the acquisition of voting shares of an entity which controls, directly or indirectly, another entity carrying on business in Canada.

An acquisition of a majority of the voting shares of a Canadian entity, including a corporation, is deemed to be an acquisition of control under the *IC Act*. However, under the *IC Act*, there is a rebuttable presumption that control is acquired if one-third of the voting shares of a Canadian corporation or an equivalent undivided interest in the voting shares of such corporation are held by a non-Canadian person or entity. An acquisition of less than one-third of the voting shares of a Canadian corporation is deemed not to be an acquisition of control. An acquisition of less than a majority, but one-third or more, of the voting shares of a Canadian corporation is presumed to be an acquisition of control unless it can be established that, on the acquisition, the Canadian corporation is not, in fact, controlled by the acquirer through the ownership of voting shares. For partnerships, trusts, joint ventures or other unincorporated Canadian entities, an acquisition of less than a majority of the voting interests is deemed not to be an acquisition of control.

In addition, if a Canadian corporation is controlled by a non-Canadian, the acquisition of control of any other Canadian corporation by such corporation may be subject to the prior approval of the Investment Review Division, unless it can be established that the Canadian corporation is not in fact controlled by the acquirer through the ownership of voting shares.

Where an investment is reviewable under the *IC Act*, the investment may not be implemented unless it is likely to be

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of net benefit to Canada. If an applicant is unable to satisfy the Minister responsible for Industry Canada that the investment is likely to be of net benefit to Canada, the applicant may not proceed with the investment. Alternatively, an acquirer may be required to divest control of the Canadian business that is the subject of the investment.

In addition to the foregoing, the *IC Act* provides for formal notification under the *IC Act* of all other acquisitions of control by Canadian businesses by non-Canadian investors. The notification process consists of filing a notification within 30 days following the implementation of an investment, which notification is for information, as opposed to review, purposes.

## ***Taxation***

The following summary of the material Canadian federal income tax consequences generally applicable in respect of the common stock reflects the Company's opinion. The tax consequences to any particular holder of common stock will vary according to the status of that holder as an individual, trust, corporation or member of a partnership, the jurisdiction in which that holder is subject to taxation, the place where that holder is resident and, generally, according to that holder's particular circumstances. This summary is applicable only to holders who are resident in the United States, have never been resident in Canada, deal at arm's length with the Company, hold their common stock as capital property and who will not use or hold the common stock in carrying on business in Canada. Special rules, which are not discussed in this summary, may apply to a United States holder that is an issuer that carries on business in Canada and elsewhere.

This summary is based upon the provisions of the Income Tax Act of Canada and the regulations thereunder (collectively, the "Tax Act" or "ITA") and the Canada-United States Tax Convention (the "Tax Convention") as at the date of the Registration Statement and the current administrative practices of Canada Customs and Revenue Agency. This summary does not take into account provincial income tax consequences.

Each holder should consult his own tax advisor with respect to the income tax consequences applicable to him in his own particular circumstances.

### **Certain Canadian Federal Income Tax Consequences**

The discussion under this heading summarizes the principal Canadian federal income tax consequences of acquiring, holding and disposing of shares of common stock of the Corporation for a shareholder of the Corporation who is not a resident of Canada but is a resident of the United States and who will acquire and hold shares of common stock of the Corporation as capital property for the purposes of the *Income Tax Act* (Canada) (the "Canadian Tax Act"). This summary does not apply to a shareholder who carries on business in Canada through a "permanent establishment" situated in Canada or performs independent personal services in Canada through a fixed base in Canada if the shareholder's holding in the Corporation is effectively connected with such permanent establishment or fixed base.

This summary is based on the provisions of the Canadian Tax Act and the regulations thereunder and on an understanding of the administrative practices of Canada Customs & Revenue Agency, and takes into account all specific proposals to amend the Canadian Tax Act or regulations made by the Minister of Finance of Canada as of the date hereof. It has been assumed that there will be no other relevant amendment of any governing law although no assurance can be given in this respect. This discussion is general only and is not a substitute for independent advice from a shareholder's own Canadian and U.S. tax advisors.

The provisions of the Canadian Tax Act are subject to income tax treaties to which Canada is a party, including the Canada-United States Income Tax Convention (1980), as amended (the "Convention").

### **Dividends on Common Shares and Other Income**

Under the Canadian Tax Act, a non-resident of Canada is generally subject to Canadian withholding tax at the rate of 25 percent on dividends paid or deemed to have been paid to him or her by a corporation resident in Canada. The

Corporation is responsible for withholding of tax at the source. The Convention limits the rate to 15 percent if the shareholder is a resident of the United States and the dividends are beneficially owned by and paid to such shareholder, and to 5 percent if the shareholder is also a corporation that beneficially owns at least 10 percent of the voting stock of the payor corporation.

The amount of a stock dividend (for tax purposes) would generally be equal to the amount by which the paid up or stated capital of the Corporation had increased by reason of the payment of such dividend. The Corporation will furnish additional tax information to shareholders in the event of such a dividend. Interest paid or deemed to be paid

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on the Corporation's debt securities held by non-Canadian residents may also be subject to Canadian withholding tax, depending upon the terms and provisions of such securities and any applicable tax treaty.

The Convention generally exempts from Canadian income tax dividends paid to a religious, scientific, literary, educational or charitable organization or to an organization constituted and operated exclusively to administer a pension, retirement or employee benefit fund or plan, if the organization is a resident of the United States and is exempt from income tax under the laws of the United States.

### **Dispositions of Common Shares**

Under the Canadian Tax Act, a taxpayer's capital gain or capital loss from a disposition of a share of common stock of the Corporation is the amount, if any, by which his or her proceeds of disposition exceed (or are exceeded by, respectively) the aggregate of his or her adjusted cost base of the share and reasonable expenses of disposition. The capital gain or loss must be computed in Canadian currency using a weighted average adjusted cost base for identical properties. The capital gains net of losses included in income are as follows. For gains net of losses realized before February 28, 2000, as to 75%. For gains net of losses realized after February 27, 2000 and before October 18, 2000, as to 66 2/3%. For gains net of losses realized after October 17, 2000, as to 50%. There are special transitional rules to apply capital losses against capital gains that arose in different periods. The amount by which a shareholder's capital loss exceeds the capital gain in a year may be deducted from a capital gain realized by the shareholder in the three previous years or any subsequent year, subject to certain restrictions in the case of a corporate shareholder.

Under the Canadian Tax Act, a non-resident of Canada is subject to Canadian tax on taxable capital gains, and may deduct allowable capital losses, realized on a disposition of "taxable Canadian property." Shares of common stock of the Corporation will constitute taxable Canadian property of a shareholder at a particular time if the shareholder used the shares in carrying on business in Canada, or if at any time in the five years immediately preceding the disposition 25% or more of the issued shares of any class or series in the capital stock of the Corporation belonged to one or more persons in a group comprising the shareholder and persons with whom the shareholder and persons with whom the shareholder did not deal at arm's length and in certain other circumstances.

The Convention relieves United States residents from liability for Canadian tax on capital gains derived on a disposition of shares unless

(a) the value of the shares is derived principally from "real property" in Canada, including the right to explore for or exploit natural resources and rights to amounts computed by reference to production,

(b) the shareholder was resident in Canada for 120 months during any period of 20 consecutive years preceding, and at any time during the 10 years immediately preceding, the disposition and the shares were owned by him when he or she ceased to be resident in Canada, or

(c) the shares formed part of the business property of a "permanent establishment" that the holder has or had in Canada within the 12 months preceding the disposition.

#### **Certain United States Federal Income Tax Consequences**

The following is a discussion of material United States federal income tax consequences generally applicable to a U.S. Holder (as defined below) of common shares of the Company. This discussion does not cover any state, local or foreign tax consequences.

The following discussion is based upon the sections of the Internal Revenue Code of 1986, as amended ("the Code"), Treasury Regulations, published Internal Revenue Service ("IRS") rulings, published administrative positions of the IRS and court decisions that are currently applicable, any or all of which could be materially and adversely changed, possible on a retroactive basis, at any time. In addition, the discussion does not consider the potential effects, both adverse and beneficial, or recently proposed legislation which, if enacted, could be applied, possibly on a retroactive basis, at any time. Holders and prospective holders of common shares of the Company are urged to consult their own tax advisors about the federal, state, local, and foreign tax consequences of purchasing, owning and disposing of common shares of the Company.

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#### **U.S. Holders**

As used herein, a U.S. Holder includes a holder of common shares of the Company who is a citizen or resident of the United States, a corporation (or an entity which has elected to be treated as a corporation under Treasury Regulation



Sections 301.7701-3) created or organized in or under the laws of the United States or of any political subdivision thereof, any estate other than a foreign estate (as defined in Section 7701(a)(31)(A) of the Code or, a trust subject to the primary supervision of a court within the United States and control of a United States fiduciary as described in Section 7701(a)(30)(E) of the Code. This summary does not address the tax consequences to, and U.S. Holder does not include, persons subject to special provisions of Federal income tax law, such as tax-exempt organizations, qualified retirement plans, financial institutions, insurance companies, real estate investment trusts, regulated investment companies, broker-dealers, non-resident alien individuals, persons or entities that have a "functional currency" other than the U.S. dollar, shareholders who hold common shares as part of a straddle, hedging or conversion transaction, and shareholders who acquired their common shares through the exercise of employee stock options or otherwise as compensation for services. This summary is limited to U.S. Holders who own common shares as capital assets. This summary does not address the consequences to a person or entity holding an interest in a shareholder of the Company or the consequences to a person of the ownership, exercise or disposition of any options, warrants or other rights to acquire common shares of the Company.

### **Distribution on Common Shares of the Company**

U.S. Holders receiving dividend distributions (including constructive dividends) with respect to common shares of the Company are required to include in gross income for United States federal income tax purposes the gross amount of such distributions equal to the U.S. dollar value of such distributions on the date of receipt (based on the exchange rate on such date), to the extent that the Company has current or accumulated earnings and profits, without reduction for any Canadian income tax withheld from such distributions. Such Canadian tax withheld may be credited, subject to certain limitations, against the U.S. Holder's United States federal income tax liability or, alternatively, may be deducted in computing the U.S. Holder's United States federal taxable income. (See more detailed discussion at "Foreign Tax Credit" below). To the extent that distributions exceed current or accumulated earnings and profits of the Company, they will be treated first as a return of capital up to the U.S. Holder's adjusted basis in the common shares and thereafter as gain from the sale or exchange of the common shares. Dividend income will be taxed at marginal tax rates applicable to ordinary income while preferential tax rates for long-term capital gains are applicable to a U.S. Holder which is an individual, estate or trust. There are currently no preferential tax rates for long-term capital gains for a U.S. Holder which is a corporation.

In the case of foreign currency received as a dividend that is not converted by the recipient into U.S. dollars on the date of receipt, a U.S. Holder will have a tax basis in the foreign currency equal to its U.S. dollar value on the date of receipt. Gain or loss may be recognized upon a subsequent sale or other disposition of the foreign currency, including the exchange for U.S. dollars.

Dividends paid on the common shares of the Company will not generally be eligible for the dividends received deduction provided to corporations receiving dividends from certain United States corporations. A U.S. Holder which is a corporation may, under certain circumstances, be entitled to a 70% deduction of the United States source portion of dividends received from the Company (unless the Company qualifies as a "foreign personal holding company" or a "passive foreign investment company", as defined below) if such U.S. Holder owns shares representing at least 10% of the voting power and value of the Company. The availability of this deduction is subject to several complex limitations which are beyond the scope of this discussion.

**Foreign Tax Credit**

A U.S. Holder who pays (or has withheld from distributions) Canadian income tax with respect to the ownership of common shares of the Company may be entitled, at the option of the U.S. Holder, to either a deduction or a tax credit for such foreign tax paid or withheld. Generally, it will be more advantageous to claim a credit because a credit reduces United States Federal income taxes on a dollar-for-dollar basis, while a deduction merely reduces the taxpayer's income subject to tax. This election is made on a year-by-year basis and applies to all foreign income taxes (or taxes in lieu of income tax) paid by (or withheld from) the U.S. Holder during the year. There are significant and complex limitations which apply to the credit, among which is the general limitation that the credit cannot exceed the proportionate share of the U.S. Holder's United States income tax liability that the U.S. Holder's foreign source income bears to his/her or its worldwide taxable income. The various items of income and deduction must be classified into foreign and domestic sources. Complex rules govern this classification process. In addition, this limitation is calculated separately with respect to specific classes of income such as "passive income", "high withholding tax interest", "financial services income", "shipping income", and certain other classifications of

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income. Dividends distributed by the Company will generally constitute "passive income" or, in the case of certain U.S. Holders, "financial services income" for these purposes. The availability of the foreign tax credit and the application of the limitations on the credit are fact specific and holders and prospective holders of common shares of the Company should consult their own tax advisors regarding their individual circumstances.

For individuals whose entire income from sources outside the United States consists of qualified passive income whose the total amount of creditable foreign taxes paid or accrued during the taxable year does not exceed \$300 (\$600 in the case of a joint return) and for whom an election is made under section 904(j), the limitation on credit does not apply.

**Disposition of Common Shares of the Company**

A U.S. Holder will recognize gain or loss upon the sale of common shares of the Company equal to the difference, if any, between (I) the amount of cash plus the fair market value of any property received, and (ii) the shareholder's tax basis in the common shares of the Company. Preferential tax rates apply to long-term capital gains of U.S. Holders which are individuals, estates or trusts. This gain or loss will be capital gain or loss if the common shares are capital assets in the hands of the U.S. Holder, which will be a short-term or long-term capital gain or loss depending upon the holding period of the U.S. Holder. Gains and losses are netted and combined according to special rules in arriving at the overall capital gain or loss for a particular tax year. Deductions for net capital losses are subject to significant limitations. For U.S. Holders which are not corporations, any unused portion of such net capital loss may be carried over to be used in later tax years until such net capital loss is thereby exhausted, but individuals may not carry back capital losses. For U.S. Holders which are corporations (other than corporations subject to Subchapter S of the Code), an unused net capital loss may be carried back three years from the loss year and carried forward five years from the loss year to be offset against capital gains until such net capital loss is thereby exhausted.

## **Other Considerations**

In the following circumstances, the above sections of the discussion may not describe the United States federal income tax consequences resulting from the holding and disposition of common shares of the Company.

### **Foreign Personal Holding Company**

If at any time during a taxable year more than 50% of the total combined voting power or the total value of the Company's outstanding shares is owned, actually or constructively, by five or fewer individuals who are citizens or residents of the United States and 60% (50% after the first tax year) or more of the Company's gross income for such year was derived from certain passive sources, the Company would be treated as a "foreign personal holding company." In that event, U.S. Holders that hold common shares of the Company would be required to include in gross income for such year their allocable portions of such passive income to the extent the Company does not actually distribute such income.

The Company does not believe that it currently has the status of a "foreign personal holding company". However, there can be no assurance that the Company will not be considered a foreign personal holding company for any future taxable year.

### **Passive Foreign Investment Company**

As a foreign corporation with U.S. Holders, the Company could potentially be treated as a passive foreign investment company ("PFIC"), as defined in Section 1297 of the Code, depending upon the percentage of the Company's income which is passive, or the percentage of the Company's assets which are held for the purpose of producing passive income.

### **Certain United States Income Tax Legislation**

The rule governing PFICs can have significant tax effects on U.S. shareholders of foreign corporations. These rules do not apply to non-U.S. shareholders. Section 1297 of the Code defines a PFIC as a corporation that is not formed in the United States and, for any taxable year, either (i) 75% or more of its gross income is "passive income", which includes interest, dividends and certain rents and royalties or (ii) the average percentage, by fair market value (or, if the company is a controlled foreign corporation or makes an election, by adjusted tax basis), of its assets that produce or are held for the production of "passive income" is 50% or more. The taxation of a US shareholder who owns stock in a PFIC is extremely complex and is therefore beyond the scope of this discussion. U.S. shareholders should consult with their own tax advisors with regards to the impact of these rules.

### **Controlled Foreign Corporation**

If more than 50% of the voting power of all classes of stock entitled to vote is owned, actually or constructively, by

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citizens or residents of the United States, United States partnerships, corporations or estates or trusts other than foreign estates or trusts, each of whom own actually or constructively 10% or more of the total combined voting power of all classes of stock of the Company ("United States Shareholders") requires the Company would be a "controlled foreign corporation" (CFC). This classification would effect many complex results, one of which certain income of a CFC to be subject to current U.S. tax. The United States generally taxes United States Shareholders of a CFC currently on their pro rata shares of the Subpart F income of the CFC. Such United States Shareholders are generally treated as having received a current distribution out of the CFC's Subpart F income and are also subject to current U.S. tax on their pro rata shares of the CFC's earnings invested in U.S. property. The foreign tax credit described above may reduce the U.S. tax on these amounts. In addition, under Section 1248 of the Code, gain from the sale or exchange of shares by a U.S. Holder of common shares of the Corporation which is or was a United States Shareholder at any time during the five-year period ending with the sale or exchange is treated as ordinary income to the extent of earnings and profits of the Company (accumulated only while the shares were held by the United States Shareholder and while the Company was a CFC attributable to the shares sold or exchanged. If a foreign corporation is both a PFIC and a CFC, the foreign corporation generally will not be treated as a PFIC with respect to the United States Shareholders of the CFC. This rule generally will be effective for taxable years of United States Shareholders beginning after 1997 and for taxable years of foreign corporations ending with or within such taxable years of United States Shareholders. The PFIC provisions continue to apply in the case of a PFIC that is also a CFC with respect to the U.S. Holders that are less than 10% shareholders. Because of the complexity of Subpart F, a more detailed review of these rules is outside of the scope of this discussion.

### **Filing of Information Returns**

Under a number of circumstances, United States persons acquiring shares of the Company may be required to file an information return with the Internal Revenue Service Center where they are required to file their tax returns with a duplicate copy to the Internal Revenue Service Center, Philadelphia, PA 19255. In particular, under Section 6046 of the Code, any United States person who becomes the owner, directly or indirectly, of 10% or more of the shares of the Company will be required to file such a return. Other filing requirements may apply, such United States persons should consult their own tax advisors concerning these requirements.

### ***Documents on Display***

Any of the documents referred to above can be viewed at the registered office of the Company located at 1185 West Georgia Street, Suite 1150, Vancouver, British Columbia, Canada, V6E 4E6.

This Annual Report and the Company's recent 6-K filings can be viewed on the U.S. Securities and Exchange EDGAR web-site at [www.sec.gov](http://www.sec.gov). All regulatory filings in Canada can be viewed on the System for Electronic

Document Analysis and Retrieval (SEDAR) web-site at [www.sedar.com](http://www.sedar.com).

**Item 11. Quantitative and Qualitative Disclosures about Market Risk**

Not Applicable

**Item 12. Description of Securities Other than Equity Securities**

Not Applicable

**PART II**

**Item 13. Defaults, Dividend Arrearages and Delinquencies**

Not Applicable

**Item 14. Material Modifications to the Rights of Securities Holders and Use of Proceeds**

Not Applicable

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**Item 15. Controls and Procedures**

The Company's chief executive officer, Duane Poliquin, and chief executive officer, Dione Bitzer, have evaluated and reviewed our disclosure controls and procedures within 90 days of the filing date of this Annual Report on Form 20-F. Based upon this evaluation and review, the officers have concluded that the Company's disclosure controls and procedures are effective and sufficient to comply with Rules 13a-15(c) and 15d-15(c) of the Securities Exchange Act of 1934.

There have been no significant changes in the Company's internal controls that could significantly affect these controls subsequent to the date of the Company's most recent evaluation.

**Item 16A. Audit Committee Financial Expert**

The Company's Board of Directors has determined that the Company has one audit committee financial expert serving on its audit committee who is independent. Mr. Donald Lorimer qualified as a Chartered Accountant with Price Waterhouse & Co. and subsequently was a financial executive with Patino Mining Corporation and Little Long Lac Gold Mines Ltd. In 1971 he joined A.E. Ames & Co. and became a director and vice president responsible for corporate and government underwriting in British Columbia, Canada. Mr. Lorimer is currently a portfolio manager with Odlum Brown Ltd.

**Item 16B. Code of Ethics**

The Company has adopted several codes of conduct, including a Code of Business Ethics, a Code of Business Conduct Ethics for Directors, a Communications Policy and an Audit Committee Charter. All of these codes have been filed as Exhibits to this Annual Report.

**Item 16C. Principal Accountant Fees and Services**

Table No. 16 lists the aggregate fees billed for each of the last two fiscal years for professional services rendered by the principal accountant for the audit of the Company's annual financial statements or services that are normally provided by the accountant in connection with statutory and regulatory filings or engagements for those fiscal years.

**Table No. 16**

**Principal Accountant Fees**

|                    | Years ended December 31 |           |
|--------------------|-------------------------|-----------|
|                    | 2003                    | 2002      |
| Audit fees         | \$3 6,000               | \$ 30,000 |
| Audit related fees | -                       | -         |

|            |       |       |
|------------|-------|-------|
| Tax fees   | 6,500 | 6,500 |
| Other fees | -     | -     |

Fiscal 2003 and Fiscal 2002 audit fees relate to the annual audit of the Company's financial statements , tax fees relate to the completion of income and mineral tax filings and review of the Form 20-F ..

**Item 16D. Exemptions from the Listing Standards for Audit Committees**

Not applicable.

**Item 16E. Purchases of Equity Securities by the Issuer and Affiliated Purchasers**

Not applicable.

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**PART III**

**Item 17. Financial Statements**

The Company's consolidated financials statements are stated in Canadian Dollars (CDN\$) and are prepared in accordance with Canadian GAAP, the application of which, in the case of the Company, conforms in all material respects for the periods presented with U.S. GAAP, except as disclosed in Note 17 to the financial statements.

The financial statements and notes thereto as required under Item 17 are attached hereto and found immediately following the text of this Annual Report. The audit report of Deloitte & Touche LLP, independent Chartered Accountants, is included herein immediately preceding the financial statements.

**Item 18. Financial Statements**

The Company has elected to provide financial statements pursuant to Item 17.

**Item 19. Exhibits**

A. The financial statements and notes thereto as required under Item 17 are attached hereto and found immediately following the text of this Annual Report. The audit report of Deloitte & Touche LLP, independent Chartered Accountants, for the audited financial statements and notes thereto is included herein immediately preceding the audited financial statements.

Audited Financial Statements

Auditors' Report, dated April 6, 2004.

Comments by Independent Auditors on Canada - United States of America Reporting Differences, dated  
April 6, 2004

Consolidated Balance Sheets at December 31, 2003 and 2002

Consolidated Statements of Operations and Deficit for the years ended December 31, 2003, 2002 and 2001 and  
cumulative amounts since incorporation

Consolidated Statements of Cash Flows for the years ended December 31, 2003, 2002 and 2001 and cumulative  
amounts since incorporation

Notes to Consolidated Financial Statements

B. Index to Exhibits



1. Certificate of Amalgamation  
Amalgamation Agreement  
Memorandum  
Articles  
--Incorporated by reference to the Company's Form 20-F Annual Report for the year ended December 31, 2001,  
as filed with the Commission on May 17, 2002--
  2. Instruments defining the rights of holders of equity of debt securities being registered  
--Refer to Exhibit No. 1--
  3. Voting trust agreements - N/A
  - 4.1 - Option Agreement dated April 10, 2003 with Ross River Minerals Inc.
  - 4.2 - English Summary of Option Agreement dated May 28, 2003 with Eduberto Garcia Ramirez
  - 4.3 - Joint Venture Agreement dated June 20, 2003 with Expatriate Resources Ltd.
  - 4.4 - Letter Agreement dated August 21, 2003 with Kobex Resources Ltd.
  - 4.5 - Option Agreement dated February 11, 2004 with Grid Capital Corporation
  - 4.6 - Option Agreement dated February 11, 2004 with Horseshoe Gold Mining Inc.
  - 4.7 - Joint Venture Agreement dated February 11, 2004 with Horseshoe Gold Mining Inc.
  - 4.8 - Option Agreement dated March 1, 2004 with Consolidated Spire Ventures Ltd.
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- 4.9 - Option Agreement dated March 4, 2004 with Hawkeye Gold & Diamond Inc.
  5. List of foreign patents - N/A
  6. Calculation of earnings per share - N/A
  7. Explanation of calculation of ratios - N/A
  8. List of subsidiaries
  9. Statement pursuant to the instruction to Item 8.A.4, regarding the financial statement filed in registration Statements for initial public offerings of securities - N/A

- 10. Any notice required by Rule 104 of Regulation BTR - N/A
  
- 11.1 Code of Business Ethics
- 11.2 Code of Business Conduct Ethics for Directors
- 11.3 Communications Policy
- 11.4 Audit Committee Charter
- 11.5 Corporate Governance Charter
  
- 31.1 Certification of CEO Pursuant to Securities Exchange Act, Rules 13a-14 and 15d-14 as Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
- 31.2 Certification of CFO Pursuant to Securities Exchange Act, Rules 13a-14 and 15d-14 as Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
- 32.1 Certification of CEO Pursuant to the Sarbanes-Oxley Act, 18 U.S.C. Section 1350, As Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
- 32.2 Certification of CFO Pursuant to the Sarbanes-Oxley Act, 18 U.S.C. Section 1350, As Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002

*Auditors' Report and Consolidated Financial Statements*

**ALMADEN MINERALS LTD.**

*(An exploration stage company)*

*December 31, 2003 and 2002*

## **Auditors' Report**

To the Shareholders of

Almaden Minerals Ltd.

We have audited the consolidated balance sheets of Almaden Minerals Ltd. (an exploration stage company) as at December 31, 2003 and 2002 and the consolidated statements of operations and deficit and cash flows for each of the years in the three year period ended December 31, 2003 and the cumulative amount from incorporation, September 25, 1980, to December 31, 2003. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with Canadian generally accepted auditing standards and auditing standards generally accepted in the United States of America. Those standards require that we plan and perform an audit to obtain reasonable assurance whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, these consolidated financial statements present fairly, in all material respects, the financial position of the Company as at December 31, 2003 and 2002 and the results of its operations and its cash flows for each of the years in the three year period ended December 31, 2003 and the cumulative amount from incorporation, September 25, 1980, to December 31, 2003 in accordance with Canadian generally accepted accounting principles.

*(Signed) Deloitte & Touche LLP*

Chartered Accountants

Vancouver, Canada

April 6, 2004

**Comments by Independent Auditors on Canada - United States of America Reporting Differences**

In the United States of America, reporting standards for auditors require the addition of an explanatory paragraph (following the opinion paragraph) when there are changes in accounting principles that have a material effect on the comparability of the Company's financial statements, such as the change described in Note 3 to the consolidated financial statements. Our report to the shareholders dated April 6, 2004 is expressed in accordance with Canadian reporting standards which do not require a reference to such changes in accounting principles in the auditors' report when the changes are properly accounted for and adequately disclosed in the financial statements.

*(Signed) Deloitte & Touche LLP*

Chartered Accountants

Vancouver, Canada

April 6, 2004

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**ALMADEN MINERALS LTD.**

**(An exploration stage company)**

**Consolidated Balance Sheets**

December 31,

(Expressed in Canadian dollars)

|  | 2003                 | 2002                            |
|--|----------------------|---------------------------------|
| <b>ASSETS</b>                                    |                      | (Note 3)                        |
| <b>CURRENT</b>                                   |                      |                                 |
| Cash and cash equivalents                        | \$ 4,838,914         | \$ 964,967                      |
| Accounts receivable and prepaid expenses         | 105,106              | 136,085                         |
| Marketable securities (Note 4)                   | 369,286              | 600,074                         |
| Inventory (Note 5)                               | 274,768              | 274,768                         |
| <b>TOTAL CURRENT ASSETS</b>                      | <b>5,588,074</b>     | 1,975,894                       |
| <b>PROPERTY, PLANT AND EQUIPMENT (Note 6)</b>    | <b>474,521</b>       | 240,494                         |
| <b>RECLAMATION DEPOSIT</b>                       | <b>81,500</b>        | 81,500                          |
| <b>MINERAL PROPERTIES (Note 7)</b>               | <b>4,197,675</b>     | 3,337,864                       |
| <b>TOTAL ASSETS</b>                              | <b>\$ 10,341,770</b> | \$ 5,635,752                    |
| <b>LIABILITIES</b>                               |                      |                                 |
| <b>CURRENT</b>                                   |                      |                                 |
| Accounts payable and accrued liabilities         | \$ 49,625            | \$ 61,814                       |
| Deferred exploration advances (Note 8)           | 58,011               | -                               |
| Mineral taxes payable (Note 16)                  | 379,653              | 392,453                         |
| <b>TOTAL CURRENT LIABILITIES</b>                 | <b>487,289</b>       | 454,267                         |
| <b>CONTINGENCY (Note 16)</b>                     |                      |                                 |
| <b>SHAREHOLDERS' EQUITY</b>                      |                      |                                 |
| Share capital                                    |                      |                                 |
| Authorized                                       |                      |                                 |
| 100,000,000                                      |                      | common shares without par value |
| Issued (Note 9)                                  |                      |                                 |
| 27,627,079                                       |                      | shares - December 31, 2003      |
| 21,918,722                                       |                      | shares - December 31, 2002      |
|  | <b>21,476,722</b>    | 17,389,381                      |
| Subscription for shares (Note 9)                 | <b>1,699,435</b>     | -                               |
| Contributed surplus (Notes 2 (j) and 3)          | <b>374,525</b>       | 162,000                         |
| Deficit accumulated during the exploration stage | <b>(13,696,201)</b>  | (12,369,896)                    |
| <b>TOTAL SHAREHOLDERS' EQUITY</b>                | <b>9,854,481</b>     | 5,181,485                       |

|  |                      |              |
|--|----------------------|--------------|
| TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY | <b>\$ 10,341,770</b> | \$ 5,635,752 |
|--|----------------------|--------------|

ON BEHALF OF THE BOARD:

*(Signed) Duane Poliquin*

Duane Poliquin, Director

*(Signed) James E. McInnes*

James E. McInnes, Director

See accompanying Notes to the Consolidated Financial Statements.

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**ALMADEN MINERALS LTD.****(An exploration stage company)****Consolidated Statements of Operations and Deficit****(Expressed in Canadian dollars)**

|                    | Cumulative<br>amount since<br>incorporation<br>September 25,<br>1980 to<br>December 31,<br>2003 | Years ended December 31, |           |        |
|--------------------|---|--------------------------|-----------|--------|
|                    |   | <b>2003</b>              | 2002      | 2001   |
|                    |   |                          |           |        |
|                    |   |                          | (Note 3)  |        |
| <b>REVENUE</b>     |   |                          |           |        |
| Mineral properties | \$ 710,353  | <b>\$ 26,335</b>         | \$ 20,815 | \$ -   |
| Interest income    | 790,932   | <b>34,267</b>            | 40,251    | 30,538 |
| Other income       | 130,191   | <b>49,628</b>            | 61,472    | -      |
|                    | 1,631,476   | <b>110,230</b>           | 122,538   | 30,538 |

## EXPENSES

|  |                |                       |                |                |
|--|----------------|-----------------------|----------------|----------------|
| General and administrative expenses (Schedule 1)                   | 4,444,606      | <b>605,763</b>        | 598,753        | 327,082        |
| General exploration expenses                                       | 2,289,463      | <b>439,503</b>        | 332,485        | 110,136        |
| Write-down of interests in mineral properties                      | 6,514,542      | <b>105,666</b>        | 2,180,738      | 83,295         |
| Stock option compensation (Note 3)                                 | 382,000        | <b>220,000</b>        | 162,000        | -              |
|  | 13,630,611     | <b>1,370,932</b>      | 3,273,976      | 520,513        |
|  | (11,999,135)   | <b>(1,260,702)</b>    | (3,151,438)    | (489,975)      |
| GAIN (LOSS) ON SECURITIES  | (1,693,003)    | <b>13,980</b>         | (54,980)       | (164,055)      |
| GAIN ON SALE OF PROPERTY, PLANT AND EQUIPMENT                      | 14,210         | -                     | 15,144         | -              |
| FOREIGN EXCHANGE GAIN (LOSS)                                       | (18,273)       | <b>(79,583)</b>       | (6,751)        | 3,935          |
| NET LOSS   | (13,696,201)   | <b>(1,326,305)</b>    | (3,198,025)    | (650,095)      |
| DEFICIT, ACCUMULATED DURING EXPLORATION STAGE, BEGINNING OF PERIOD | -              | <b>(12,369,896)</b>   | (9,171,871)    | (8,521,776)    |
| DEFICIT, ACCUMULATED DURING EXPLORATION STAGE, END OF PERIOD       | \$(13,696,201) | <b>\$(13,696,201)</b> | \$(12,369,896) | \$ (9,171,871) |
| NET LOSS PER SHARE   |                |                       |                |                |
| Basic and diluted  |                | <b>\$ (0.06)</b>      | \$ (0.16)      | \$ (0.05)      |
| BASIC AND DILUTED WEIGHTED AVERAGE NUMBER OF SHARES OUTSTANDING    |                | <b>23,378,693</b>     | 19,524,034     | 13,411,621     |

See accompanying Notes to the Consolidated Financial Statements.

**ALMADEN MINERALS LTD.****(An exploration stage company)****Consolidated Statements of Cash Flows****(Expressed in Canadian dollars)**

|  | Cumulative<br>amount since<br>incorporation<br>September 25,<br>1980 to<br>December 31,<br>2003 |                      | Years ended December 31, |              |
|--|---|----------------------|--------------------------|--------------|
|  |   | <b>2003</b>          | <b>(2002)</b>            | <b>2001</b>  |
| <b>OPERATING ACTIVITIES</b>                    |   |                      |                          |              |
| Net loss                                       | \$(13,696,201)  | <b>\$(1,326,305)</b> | \$ (3,198,025)           | \$ (650,095) |
| Items not affecting cash                       |   |                      |                          |              |
| Depreciation                                   | 348,269   | <b>38,852</b>        | 43,166                   | 26,882       |
| Loss (gain) on marketable securities           | 1,693,003   | <b>(13,980)</b>      | 54,980                   | 164,055      |
| Write-down of interests in mineral properties  | 6,514,542   | <b>105,666</b>       | 2,180,738                | 83,295       |
| Stock-based compensation                       | 382,000   | <b>220,000</b>       | 162,000                  | -            |
| Gain on sale of property, plant and equipment  | (14,210)  | -                    | (15,144)                 | -            |
| Write-off of incorporation costs               | 3,298   | -                    | -                        | -            |
| Changes in non-cash working capital components |   |                      |                          |              |
| Accounts receivable and prepaid expenses       | (110,582)   | <b>30,979</b>        | (29,281)                 | 61,393       |
| Accounts payable and accrued liabilities       | 14,523  | <b>(12,189)</b>      | (66,052)                 | 17,709       |
| Mineral taxes payable                          | (669)   | <b>(12,800)</b>      | 12,131                   | -            |
| Deferred exploration advances                  | 58,011  | <b>58,011</b>        | -                        | -            |



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|   |                     |                     |                   |                   |
|---|---------------------|---------------------|-------------------|-------------------|
|   | (4,808,016)         | <b>(911,766)</b>    | (855,487)         | (296,761)         |
| <b>FINANCING ACTIVITY</b>               |                     |                     |                   |                   |
| Issuance of shares - net of expenses    | 20,623,870          | <b>5,779,301</b>    | 2,378,605         | -                 |
| <b>INVESTING ACTIVITIES</b>             |                     |                     |                   |                   |
| Cash acquired upon business combination | 198,131             | -                   | -                 | 198,131           |
| Long-term investment                    | (1,891,315)         | -                   | -                 | -                 |
| Reclamation deposit                     | (5,000)             | -                   | (5,000)           | -                 |
| Marketable securities                   |                     |                     |                   |                   |
| Purchases                               | (4,275,187)         | <b>(352,526)</b>    | (575,226)         | -                 |
| Net proceeds                            | 3,950,415           | <b>597,294</b>      | 410,860           | 319,719           |
| Property, plant and equipment           |                     |                     |                   |                   |
| Purchases                               | (823,367)           | <b>(247,879)</b>    | (200,443)         | (44,309)          |
| Proceeds                                | 62,287              | -                   | 48,587            | -                 |
| Mineral properties                      |                     |                     |                   |                   |
| Costs                                   | (9,561,511)         | <b>(990,477)</b>    | (873,935)         | (190,279)         |
| Gold sales                              | 362,906             | -                   | 362,906           | -                 |
| Net proceeds                            | 1,008,999           | -                   | -                 | -                 |
| Incorporation costs                     | (3,298)             | -                   | -                 | -                 |
|   | (10,976,940)        | <b>(993,588)</b>    | (832,251)         | 283,262           |
| <b>NET CASH INFLOW (OUTFLOW)</b>        | <b>4,838,914</b>    | <b>3,873,947</b>    | <b>690,867</b>    | <b>(13,499)</b>   |
| <b>CASH AND CASH EQUIVALENTS,</b>       |                     |                     |                   |                   |
| <b>BEGINNING OF PERIOD</b>              | -                   | <b>964,967</b>      | 274,100           | 287,599           |
| <b>CASH AND CASH EQUIVALENTS,</b>       |                     |                     |                   |                   |
| <b>END OF PERIOD</b>                    | <b>\$ 4,838,914</b> | <b>\$ 4,838,914</b> | <b>\$ 964,967</b> | <b>\$ 274,100</b> |

SUPPLEMENTARY CASH FLOW INFORMATION (Note 11)

See accompanying Notes to the Consolidated Financial Statements.

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**ALMADEN MINERALS LTD.**

**(An exploration stage company)**

**Notes to the Consolidated Financial Statements**

(Expressed in Canadian dollars)

1.

## NATURE OF OPERATIONS

Almaden Minerals Ltd. (the "Company") is in the process of exploring its mineral properties and has not yet determined whether these properties contain reserves that are economically recoverable. The recoverability of amounts shown for mineral properties is dependent upon the establishment of a sufficient quantity of economic recoverable reserves, the ability of the Company to obtain necessary financing to complete the development and upon future profitable production or proceeds from the disposition of mineral properties.

2.

## SIGNIFICANT ACCOUNTING POLICIES

These consolidated financial statements have been prepared in accordance with Canadian generally accepted accounting principles, which in respect of these financial statements are different in some respects from generally accepted accounting principles in the United States of America as discussed in Note 17 and include the following policies:

(a)

*Basis of consolidation*

The consolidated financial statements include the accounts of the Company and its subsidiaries as follows:

Almaden America Inc.

Nevada

Republic Resources Ltd.

British Columbia

Almaden de Mexico, S.A. de C.V.

Mexico

Minera Gavilan, S.A. de C.V.

Mexico

Compania Minera Zapata, S.A. de C.V.

Mexico

(b)

*Foreign exchange*

The functional currency of the Company's subsidiaries has been determined to be the Canadian dollar. U.S. dollar and Mexican peso denominated amounts in these financial statements are translated into Canadian dollars on the following basis:

(i)

Monetary assets and liabilities - at the rate of exchange prevailing at the year-end.

(ii)

Non-monetary assets - at the rates of exchange prevailing when the assets were acquired or the liabilities assumed.

(iii)

Income and expenses - at the rate approximating the rates of exchange prevailing on the dates of the transactions.

(iv)

Gains and losses on translation are credited or charged to operations.

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**ALMADEN MINERALS LTD.**

**(An exploration stage company)**

**Notes to the Consolidated Financial Statements**

**(Expressed in Canadian dollars)**

**2.**

**SIGNIFICANT ACCOUNTING POLICIES (Continued)**

*(c)*

*Cash and cash equivalents*

Cash equivalents include money market instruments which are readily convertible into cash or have maturities at the date of purchase of less than ninety days.

*(d)*

*Marketable securities*

Investment in marketable securities is recorded at the lower of cost and quoted market value.

*(e)*

*Inventory*

Inventory is valued at the lower of the average cost of mining and estimated net realizable value.

(f)

*Property, plant and equipment*

Property, plant and equipment are stated at cost and are depreciated annually on a declining-balance basis at the following rates:

Automotive equipment

30%

Computer hardware and software

30%

Field equipment

20%

Furniture and fixtures

20%

Geological data library

20%

Mill equipment

10%

On a quarterly basis the Company compares the carrying value of property, plant and equipment to estimated net recoverable amounts, based on estimated future cash flows, to determine whether there is any indication of impairment. An impairment in value would be indicated if the assets' carrying value exceeds the estimated recoverable amount. During the periods covered by these financial statements there was no indication of impairment.

**ALMADEN MINERALS LTD.**

**(An exploration stage company)**

**Notes to the Consolidated Financial Statements**

**(Expressed in Canadian dollars)**

**2.**

**SIGNIFICANT ACCOUNTING POLICIES (Continued)**

*(g)*

*Mineral properties*

The Company is in the exploration stage with respect to its investment in mineral claims and accordingly follows the practice of capitalizing all costs relating to the acquisition of, exploration for and development of mineral claims and crediting all revenues received against the cost of the related claims. At such time as commercial production commences, these costs will be charged to operations on a unit-of-production method based on proven and probable reserves. The aggregate costs related to abandoned mineral claims are charged to operations at the time of any abandonment or when it has been determined that there is evidence of a permanent impairment.

The recoverability of amounts shown for mineral properties is dependent upon the discovery of economically recoverable reserves, the ability of the Company to obtain financing to complete development of the properties and on future production or proceeds of disposition.

*(h)*

*Income taxes*

Future income tax liabilities and future income tax assets are recorded based on differences between the financial reporting basis of the Company's assets and liabilities and their corresponding tax basis. The future benefits of income

tax assets, including unused tax losses are recognized, subject to a valuation allowance, to the extent that it is more likely than not that such losses will be ultimately utilized. These future income tax assets and liabilities are measured using enacted tax rates and laws that are expected to apply when the tax liabilities or assets are to be either settled or realized.

(i)

*Revenue recognition*

Recovery of costs incurred and determined in accordance with agreements related to a mineral property acquisition, exploration and development in excess of costs incurred are reflected as revenue when receivable and collection is probable.

(j)

*Stock-based compensation plans*

The Company accounts for options granted under its fixed stock option plan (Notes 3 and 9) using the fair value based method of accounting for stock-based compensation. Accordingly, the fair value of the options at the date of grant is accrued and charged to operations, with an offsetting credit to contributed surplus, on a straight-line basis over the vesting period. If and when the stock options are ultimately exercised, the applicable amounts of contributed surplus are transferred to share capital.

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**ALMADEN MINERALS LTD.**

**(An exploration stage company)**

**Notes to the Consolidated Financial Statements**

**(Expressed in Canadian dollars)**

**2.**

**SIGNIFICANT ACCOUNTING POLICIES (Continued)**

(k)

*Loss per share*

The loss per share is based on the weighted average number of common shares of the Company that were outstanding each year.

(l)

*Use of estimates*

The preparation of financial statements in conformity with the Canadian generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting periods. Actual results could differ from those estimates. Significant estimates used in the preparation of these consolidated financial statements include, amongst other things, depreciation, determination of net recoverable value of assets, determination of fair value on taxes and contingencies.

**3.**

**ACCOUNTING CHANGES**

Effective January 1, 2003, the Company adopted the recommendations of the Canadian Institute of Chartered Accountants (the "CICA") for stock-based compensation and other stock-based payments. These recommendations established standards for the recognition, measurement and disclosure of stock-based compensation and other stock-based payments in exchange for goods and services. In 2001 and prior years, no stock-based compensation expense was recognized when share options were granted to employees and directors. In 2002, the Company elected not to account for stock-based compensation, however, it disclosed the pro forma effect of the stock-based compensation on its financial results. Further to changes in the CICA section for stock-based compensation in 2003, the Company has adopted the fair value based method of accounting for stock-based compensation, as described in Note 2 (j). This change has been applied retroactively and the financial statements for 2002 have been restated. The effect of this change was to increase the net loss for the year ended December 31, 2002 by \$162,000 for a net loss of \$3,198,025 (no change to loss per share). The contributed surplus balance at December 31, 2002 increased to \$162,000 and the deficit at January 1, 2003 increased to \$12,369,896.



**ALMADEN MINERALS LTD.****(An exploration stage company)****Notes to the Consolidated Financial Statements****(Expressed in Canadian dollars)****4.****MARKETABLE SECURITIES**

|                          | <b>2003</b>       | 2002       |
|--------------------------|-------------------|------------|
| Money market investments | \$ <b>163,049</b> | \$ 568,339 |
| Equity securities        | <b>206,237</b>    | 31,735     |
|                          | <b>\$ 369,286</b> | \$ 600,074 |

The market value of the investments as at December 31, 2003 was \$1,268,497 (2002 - \$780,834).

**5.****INVENTORY**

Inventory consists of gold bullion which is valued at the lower of average cost of mining and estimated net realizable value. The market value of the gold at December 31, 2003 is \$859,681.

6.

**PROPERTY, PLANT AND EQUIPMENT**

|                         | Cost       | 2003<br>Accumulated<br>Depreciation | Net Book<br>Value | 2002<br>Net Book<br>Value |
|-------------------------|------------|-------------------------------------|-------------------|---------------------------|
| Automotive equipment    | \$ 135,247 | \$ 91,026                           | \$ 44,221         | \$ 32,816                 |
| Furniture and fixtures  | 105,276    | 86,083                              | 19,193            | 19,436                    |
| Computer hardware       | 136,677    | 107,990                             | 28,687            | 13,877                    |
| Computer software       | 15,491     | 9,394                               | 6,097             | 2,707                     |
| Geological data library | 15,106     | 10,967                              | 4,139             | 3,303                     |
| Field equipment         | 128,903    | 79,983                              | 48,920            | 49,855                    |
| Mill equipment          | 323,264    | -                                   | 323,264           | 118,500                   |
|                         | \$ 859,964 | \$ 385,443                          | \$ 474,521        | \$ 240,494                |

At December 31, 2003 the mill equipment was not available for use. Depreciation will be charged once the equipment is put into use.

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**ALMADEN MINERALS LTD.**
**(An exploration stage company)****Notes to the Consolidated Financial Statements****(Expressed in Canadian dollars)**

7.

**MINERAL PROPERTIES**

|   | 2003                | 2002         |
|---|---------------------|--------------|
| <b>Canada</b>   |                     |              |
| Elk   |                     |              |
| 100% interest in mineral claims in British Columbia<br>which includes the Siwash gold deposit | <b>\$ 1,644,696</b> | \$ 1,089,462 |
| ATW   |                     |              |
| Net 30% interest in mineral claims near Lac De Gras,<br>Northwest Territories                 | <b>171,461</b>      | 117,803      |
| PV  |                     |              |
| 100% interest in mineral claims in British Columbia   | <b>124,421</b>      | 88,962       |
| MOR   |                     |              |
| 100% interest in minerals claims in the Yukon Territory                                       | <b>62,024</b>       | 62,024       |
| Rock River Coal   |                     |              |
| 50% interest in 187,698 acre coal prospect in the Yukon<br>Territory                          | <b>43,707</b>       | 14,097       |
| Cabin Lake  |                     |              |
| 100% interest in minerals claims in the Yukon Territory                                       | <b>35,000</b>       | 35,000       |
| Caribou Creek   |                     |              |
| 100% interest in minerals claims in the Yukon Territory                                       | <b>35,000</b>       | 35,000       |
| <b>Mexico</b>   |                     |              |
| Caballo Blanco (Note 7 (a))   |                     |              |
| Option to purchase 100% interest in mineral claims in<br>Veracruz                             | <b>522,756</b>      | 519,161      |
| El Pulpo (Note 7 (b))   |                     |              |
| 100% interest in mineral claims in Sinaloa State  | <b>95,203</b>       | 68,188       |
| San Carlos / San Jose (Note 7 (c))  |                     |              |
| 100% interest in the San Carlos and San Jose mineral claims<br>in Tamaulipas State            | <b>244,590</b>      | 276,551      |
| Galeana (Note 7 (d))  |                     |              |
| Option to purchase 100% interest in mineral claims in<br>Chihuahua State                      | <b>118,272</b>      | 81,944       |
| Yago / La Sarda (Note 7 (e))  |                     |              |
| 100% interest in mineral claim in Nayarit State   | <b>799,505</b>      | 777,180      |
| Fuego   |                     |              |
| 100% interest in mineral claims in Oaxaca State   | <b>30,372</b>       | -            |

|   |                     |              |
|---|---------------------|--------------|
| <b>Interests in various other mineral claims</b> (Note 7 (g)) | <b>270,668</b>      | 172,492      |
|   | <b>\$ 4,197,675</b> | \$ 3,337,864 |

**ALMADEN MINERALS LTD.**

**(An exploration stage company)**

**Notes to the Consolidated Financial Statements**

**(Expressed in Canadian dollars)**

7.

**MINERAL PROPERTIES (Continued)**

The following is a description of the Company's most significant property interests and related spending commitments.

(a)

*Caballo Blanco*

In terms of the original agreement, to earn a 60% interest in the property, the Company had to issue a total of 200,000 shares and pay U.S.\$500,000 plus value added tax over four and a half years. To earn the remaining 40% interest, the Company had to pay an additional U.S.\$500,000 plus value added tax within a year of earning its 60% interest, plus a 2.5% net smelter return ("NSR"). The Company could have reduced this NSR to 1.5% for a fixed payment of U.S.\$2,000,000 plus value added tax payable equally over 10 years.

The agreement was amended in January 2003. To earn a 100% interest, the Company must issue a total of 200,000 common shares and must pay U.S.\$668,500 plus value added tax by February 26, 2007. The underlying owner would also receive a NSR of 2.5% to 1% based on the rate of production. The Company can purchase 50% of this NSR for a fixed payment of U.S.\$750,000 plus value added tax. As at December 31, 2003, the Company had issued the required

200,000 common shares and paid U.S.\$301,000 of this obligation.

During 2003, the Company entered into an agreement with Comaplex Minerals Corp. ("Comaplex"). To earn a 60% interest, Comaplex must keep the property in good standing and incur exploration expenditures totalling U.S.\$2,000,000 by January 16, 2007.

(b)

*El Pulpo*

The Company acquired a 100% interest in the Gavilan claims by staking. Two additional claims, which are surrounded by the Gavilan claims, are held under option. To earn a 100% interest, the Company must pay U.S.\$162,000 plus value added tax by February 2005. The claims are subject to a 1% NSR which can be purchased for a fixed payment of U.S.\$500,000 plus value added tax. As at December 31, 2003, U.S.\$21,000 of the obligation had been satisfied.

During 2003, the Company entered into an agreement with Ross River Minerals Ltd. ("Ross River"). To earn an initial 50.1% interest, Ross River must maintain the property in good standing, incur exploration expenditures totalling U.S.\$2,000,000 and issue 425,000 common shares to the Company by April 30, 2008. Ross River can increase its interest to 60% by incurring a further U.S.\$1,000,000 of exploration expenditures by April 30, 2010.

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**ALMADEN MINERALS LTD.**

**(An exploration stage company)**

**Notes to the Consolidated Financial Statements**

**(Expressed in Canadian dollars)**

**7.**

**MINERAL PROPERTIES (Continued)**

(c)

*San Carlos*

The Company acquired a 100% interest in the San Carlos claims by staking and purchased a 100% interest in the San Jose claim, subject to a 2% NSR. The Begonia claims, which are surrounded by the San Carlos claims, are held under option. To earn its interest, the Company must pay U.S.\$1,000,000 plus value added tax by 2007. The claims are subject to a sliding scale NSR from 2.5% to 1.0% based on the rate of production. At December 31, 2003, U.S.\$90,000 of this obligation had been paid.

During 2001, the Company entered into an agreement with Aurcana Corporation ("Aurcana") which was terminated during 2003.

(d)

*Galeana*

The Galeana claims are held under option. To earn a 100% interest, the Company must pay U.S.\$100,000 plus value added tax over seven years. The Company must also pay U.S.\$400,000 plus value added tax should the property go into production. The claims are subject to a NSR of 3% to 1% based on the rate of production. The Company can purchase 50% of this NSR for a fixed payment of U.S.\$500,000 plus value added tax at any time. As at December 31, 2003, U.S.\$10,000 of this obligation had been satisfied.

During 2002, the Company entered into an agreement with Grid Capital Corporation ("Grid"). To earn an initial 50% interest, Grid must maintain the property in good standing, incur exploration expenditures totalling U.S.\$1,000,000 and issue 400,000 shares to the Company by July 31, 2006. Grid can increase its interest to 60% by incurring an additional U.S.\$1,000,000 of exploration expenditures and issuing a further 100,000 shares to the Company by July 31, 2007.

(e)

*Yago / La Sarda*

The Company acquired a 100% interest in the Tepic claim by staking and purchased a 100% interest in the La Sarda claims. The adjoining Guadalupe and Sagitario claims are held under option. To earn a 100% interest in the Guadalupe claim, the Company must pay U.S.\$30,000 plus value added tax over six years. To earn a 100% interest in the Sagitario claim the Company must pay U.S.\$250,000 plus value added tax by January 1, 2005. As at December

31, 2003, U.S.\$120,000 of this obligation had been satisfied.

During 2002 the Company entered into an agreement with Ascot Resources Ltd. which was terminated during 2003.

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**ALMADEN MINERALS LTD.**

**(An exploration stage company)**

**Notes to the Consolidated Financial Statements**

**(Expressed in Canadian dollars)**

7.

**MINERAL PROPERTIES (Continued)**

*(f)*

*BHP Billiton Joint Venture*

On May 9, 2002, the Company entered into a joint venture agreement with BHP Billiton World Exploration Inc. ("BHP") to undertake exploration in eastern Mexico. Each company committed to fund U.S.\$200,000 of exploration in the first year. To earn a 51% interest in any property which may be acquired, BHP must fund an initial U.S.\$1,000,000 of exploration, after which both companies are committed to fund a further U.S.\$750,000 of exploration. If either company fails to make its contribution, it would be diluted to a 2% net smelter return royalty. If both companies maintain their interest of funding, BHP can earn a further 19% interest in each project by completing a feasibility study. A final 10% interest can be earned by BHP by funding the property into production. At December 31, 2003, each company had incurred U.S.\$154,555 of exploration expenditures.

*(g)*

*Other*

(i)

*Tropico*

The Company acquired a 100% interest in the property. During 2001, Santoy Resources Ltd. ("Santoy") completed its obligations and earned a 60% interest in the property. The property is subject to a 2.25% NSR.

During 2001, the Company and Santoy entered into an agreement with Sumitomo Metal Mining Ltd. which was terminated during 2003.

(ii)

*Goz Creek*

The Company has a 100% interest in the Goz Creek property, Yukon Territory, which is subject to a 5% net profits interest.

**8.**

**DEFERRED EXPLORATION ADVANCES**

At December 31, 2003, the Company has deferred \$58,011 received from BHP Billiton World Exploration Inc. in advance of exploration. These funds will be used for further exploration in eastern Mexico.



**Notes to the Consolidated Financial Statements**

(Expressed in Canadian dollars)

**9.****SHARE CAPITAL**

The changes in issued shares for the years ended December 31, 2001, 2002 and 2003 are as follows:

|   | Number      | Price     | Amount        |
|---|-------------|-----------|---------------|
| Balance, December 31, 2000                      | 13,280,617  | \$ -      | \$ 13,226,964 |
| For mineral properties                          | 25,000      | 2.90      | 72,500        |
| Issuance to acquire Fairfield Minerals Ltd.     | 6,877,681   | 0.25      | 1,711,312     |
| Adjustment to issued shares on amalgamation     | (3,060,292) | -         | -             |
| Balance, December 31, 2001                      | 17,123,006  |           | 15,010,776    |
| For cash pursuant to private placements         | 4,150,000   | 0.43-0.55 | 1,897,943     |
| For cash on exercise of share purchase warrants | 134,750     | 0.38      | 51,312        |
| For purchase of mill                            | 122,077     | 0.65      | 79,350        |
| For mineral properties                          | 388,889     | 0.90      | 350,000       |
| Balance, December 31, 2002                      | 21,918,722  |           | 17,389,381    |
| For cash pursuant to private placements         | 2,773,800   | 0.70-2.15 | 2,362,704     |
| For cash on exercise of share purchase warrants | 2,771,807   | 0.42-0.95 | 1,648,664     |
| For cash on exercise of stock options           | 162,750     | 0.30-0.55 | 75,973        |
| Balance, December 31, 2003                      | 27,627,079  |           | \$ 21,476,722 |

(i)

The Company issued 80,000 units on March 13, 2003 on a private placement basis at a price of \$0.80 per share, after incurring issue costs of \$1,220. Each unit consists of one flow-through common share and one-half common share purchase warrant. Each whole warrant is exercisable into one non-flow-through common share at \$0.95 per share until March 13, 2004.

(ii)

The Company issued 323,500 units on August 7, 2003 on a private placement basis at a price of \$0.80 per unit, after incurring issue costs of \$14,141. Each unit consists of one flow-through common share and one-half common share purchase warrant. Each whole warrant is exercisable into one non-flow-through common share at \$0.80 per share until July 7, 2005. Also, 3,765 units were issued to an agent in consideration of its services.

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**ALMADEN MINERALS LTD.**

**(An exploration stage company)**

**Notes to the Consolidated Financial Statements**

**(Expressed in Canadian dollars)**

**9.**

**SHARE CAPITAL (Continued)**

(iii)

The Company issued 1,700,000 units on September 18, 2003 on a private placement basis at a price of \$0.70 per unit, after incurring issue costs of \$112,776. Each unit consists of one common share and one common share purchase warrant. Each warrant is exercisable into one common share at \$1.25 per share until September 18, 2004, at \$1.50 per share until September 18, 2005, at \$1.75 per share until September 18, 2006, at \$2.00 per share until September 18, 2007 and at \$2.25 per share until September 18, 2008. In the event that, at any time after September 18, 2004, the weighted average trading price of the Company's common shares for any 20 consecutive trading days is \$0.50 or more above the then current exercise price (the twentieth such trading day being the "Determination"), the Company agrees to immediately notify the Holder (the "Notice of Expiry") of the accelerated expiry date, which is a date not less than the thirtieth calendar day following the date of the Notice of Expiry (the "Accelerated Expiry Date"). All warrants not exercised by the expiration of the Accelerated Expiry Date shall be deemed cancelled without further notice to the Holders. Also, 119,000 units were issued to an agent in consideration of its services.

(iv)

The Company issued 55,000 units and 70,000 flow-through common shares on October 28, 2003 on a private placement basis at a price of \$1.50 per unit and per share, after incurring issue costs of \$4,881. Each unit consists of one flow-through common share and one-half common share purchase warrant. Each whole warrant is exercisable into one non-flow through common share at \$1.60 per share until October 28, 2004. Also, 825 units were issued to an

agent in consideration of its services.

(v)

The Company issued 280,000 units on December 30, 2003 on a private placement basis at a price of \$1.50 per share, after incurring issue costs of \$6,300. Each unit consists of one common share and one-half common share purchase warrant. Each whole warrant is exercisable into one common share at \$1.85 per share until December 30, 2005.

(vi)

The Company issued 5,000 flow-through common shares and 135,000 units on December 30, 2003 on a private placement basis at a price of \$2.15 per share and per unit, after incurring issue costs of \$10,504. Each unit consists of one flow-through common share and one-half common share purchase warrants. Each whole warrant is exercisable into one non-flow-through common share at \$2.25 until December 30, 2005. Also, 1,710 units were issued to an agent in consideration of its services.

On January 12, 2004, the Company completed a private placement of 1,300,000 common shares at a price of \$1.32 per share, after incurring share issue costs of \$16,565. These funds were received by the Company prior to December 31, 2003 and have been recorded as a subscription for shares.

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**ALMADEN MINERALS LTD.**

**(An exploration stage company)**

**Notes to the Consolidated Financial Statements**

**(Expressed in Canadian dollars)**

**9.**

**SHARE CAPITAL (Continued)**

*Warrants*

|                              | Number of<br>Warrants | Expiry Date        | Exercise<br>Price Range |
|------------------------------|-----------------------|--------------------|-------------------------|
|                              |                       | January 9, 2001 to |                         |
| Outstanding, January 1, 2001 | 2,353,000             | October 1, 2004    | \$0.26 to \$5.02        |
| Adjustment on amalgamation   | (405,490)             | -                  | 3.95 - 6.52             |
| Expired                      | (590,000)             | -                  | 0.55-3.20               |
| Outstanding,                 |                       | January 9, 2002 to |                         |
| December 31, 2001            | 1,357,510             | October 1, 2004    | 0.38 to 6.52            |
| Granted                      | 2,925,000             | -                  | 0.51 to 0.70            |
| Exercised                    | (134,750)             | -                  | 0.38                    |
| Expired                      | (310,310)             | -                  | 3.95 to 6.52            |
| Outstanding,                 |                       | April 2, 2003 to   |                         |
| December 31, 2002            | 3,837,450             | October 15, 2004   | 0.42 to 0.70            |
| Granted                      | 2,258,901             | -                  | 0.95 to 2.25            |
| Exercised                    | (2,771,807)           | -                  | 0.42 to 0.95            |
| Outstanding,                 |                       | March 13, 2004 to  |                         |
| December 31, 2003            | 3,324,544             | September 18, 2008 | \$0.47 to \$2.25        |

At December 31, 2003, the following share purchase warrants were outstanding:

| Number of<br>Warrants | Expiry Date                                | Exercise<br>Price Range      |
|-----------------------|--|------------------------------|
| 20,000                | March 13, 2004                             | \$ 0.95                      |
| 622,500               | April 2, 2004                              | 0.60                         |
| 1,819,000             | September 18, 2004/2005/<br>2006/2007/2008 | 1.25/1.50/<br>1.75/2.00/2.25 |
| 450,450               | October 1, 2004                            | 0.47                         |
| 50,000                | October 15, 2004                           | 0.70                         |
| 27,914                | October 28, 2004                           | 1.60                         |
| 126,325               | August 7, 2005                             | 0.80                         |

|           |                   |      |
|-----------|-------------------|------|
| 140,000   | December 30, 2005 | 1.85 |
| 68,355    | December 30, 2005 | 2.25 |
| 3,324,544 |                   |      |

**ALMADEN MINERALS LTD.**

**(An exploration stage company)**

**Notes to the Consolidated Financial Statements**

**(Expressed in Canadian dollars)**

**9.**

**SHARE CAPITAL (Continued)**

At December 31, 2003, 77,000 of the warrants outstanding are held by directors (2002 - 959,700).

*Options*

The Company has a fixed stock option plan which permits the issuance of options up to 10% of the Company's issued share capital. During 2002, the maximum number of shares reserved for issuance under this plan was increased from 1,000,000 to 2,000,000. At December 31, 2003, the Company has reserved 1,955,000 stock options that may be granted. The exercise price of an option cannot be less than the closing price of the common shares on the Toronto Stock Exchange on the day immediately preceding the grant of the option and the maximum term of all options is ten years. The Company also has stock options outstanding relating to the period before the introduction of the fixed stock option plan.

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The Board of Directors determines the term of the option (to a maximum of five years) and the time during which any option may vest. All options granted during 2003 vested on the date granted.

The following table presents the outstanding options as of December 31, 2003, 2002 and 2001 and changes during the years ended on those dates:

| Fixed Options                            | 2003      |                                 | 2002      |                                 | 2001      |                                 |
|--|-----------|---------------------------------|-----------|---------------------------------|-----------|---------------------------------|
|  | Shares    | Weighted Average Exercise Price | Shares    | Weighted Average Exercise Price | Shares    | Weighted Average Exercise Price |
| Outstanding at beginning of year         | 2,734,533 | \$ 0.44                         | 1,759,533 | \$ 0.38                         | 1,212,261 | \$ 0.34                         |
| Granted                                  | 504,000   | 0.85                            | 975,000   | 0.55                            | 118,301   | 0.21                            |
| Reduction due to                         | -         | -                               | -         | -                               | -         | -                               |
| amalgamation                             | -         | -                               | -         | -                               | (306,029) | -                               |
| Exercised                                | 162,750   | 0.42                            | -         | -                               | -         | -                               |
| Issued in exchange for Fairfield options | -         | -                               | -         | -                               | 735,000   | 0.30                            |
| Outstanding at end of year               | 3,075,783 | \$ 0.53                         | 2,734,533 | \$ 0.44                         | 1,759,533 | \$ 0.38                         |
| Options exercisable at year-end          | 3,075,783 |                                 | 2,734,533 |                                 | 1,759,533 |                                 |

**Notes to the Consolidated Financial Statements**

(Expressed in Canadian dollars)

**9.****SHARE CAPITAL (Continued)***Options (continued)*

The following table summarizes information about stock options outstanding at December 31, 2003:

| Number<br>of Shares | Options Outstanding and Exercisable |                    | Exercise<br>Price |
|---------------------|-------------------------------------|--------------------|-------------------|
|                     |                                     | Expiry<br>Date     |                   |
| 77,000              |                                     | May 4, 2005        | \$ 0.49           |
| 675,000             |                                     | March 1, 2006      | 0.30              |
| 91,092              |                                     | August 23, 2006    | 0.27              |
| 930,000             |                                     | February 28, 2007  | 0.55              |
| 379,000             |                                     | February 26, 2008  | 0.80              |
| 75,000              |                                     | April 7, 2008      | 0.74              |
| 50,000              |                                     | September 26, 2008 | 1.37              |
| 644,691             |                                     | October 7, 2008    | 0.45              |
| 154,000             |                                     | December 1, 2009   | 0.39              |
| 3,075,783           |                                     |                    |                   |

The weighted-average grant date fair value of stock options granted in the year ended December 31, 2003 was \$0.43 (2002 - \$0.17). The fair value of these options were determined on the date of the grant using the Black-Scholes option pricing model with the following weighted-average assumptions:

|                         | 2003      | 2002    |
|-------------------------|-----------|---------|
| Risk free interest rate | 3.3%      | 4.2%    |
| Expected life           | 4.5 years | 5 years |
| Expected volatility     | 62%       | 60%     |

Expected dividends

\$Nil

\$Nil

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**ALMADEN MINERALS LTD.**

**(An exploration stage company)**

**Notes to the Consolidated Financial Statements**

**(Expressed in Canadian dollars)**

**10.**

**RELATED PARTY TRANSACTIONS**

A company controlled by the founding shareholder of the Company was paid \$110,400 for technical services and website management services during 2003 (2002 - \$102,000; 2001 - \$13,000).

A company controlled by a relative of the founding shareholder of the Company was paid \$80,064 for geological services during 2003 (2002 - \$68,300; 2001 - \$43,550).

An officer of the Company was paid \$53,075 for professional services rendered during 2003 (2002 - \$48,800; 2001 - \$20,800).

The above transactions were recorded at the amounts agreed to between the parties.

**11.**



**SUPPLEMENTAL CASH FLOW INFORMATION**

Supplemental information regarding non-cash transactions is as follows:

|   | Years ended December 31, |         |              |
|---|--------------------------|---------|--------------|
|   | 2003                     | 2002    | 2001         |
| Investing activities  |                          |         |              |
| Acquisition of subsidiary   | \$ -                     | \$ -    | \$ 1,711,312 |
| Acquisition of fixed assets<br>in exchange for mineral<br>properties recoveries | 25,000                   | -       | -            |
| Financing activities  |                          |         |              |
| Issuance of common shares<br>for mineral properties                             | -                        | 350,000 | 72,500       |
| Issuance of common shares<br>for purchase of mill                               | -                        | 79,350  | -            |

Other supplementary information:

|                              | Years ended December 31, |         |      |
|------------------------------|--------------------------|---------|------|
|                              | 2003                     | 2002    | 2001 |
| Interest paid                | \$ 2,436                 | \$ -    | \$ - |
| Income and mining taxes paid | 34,461                   | 110,154 | -    |

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**ALMADEN MINERALS LTD.**

**(An exploration stage company)**

**Notes to the Consolidated Financial Statements**

**(Expressed in Canadian dollars)****12.****SEGMENTED INFORMATION**

The Company operates in one reportable operating segment, being the acquisition and exploration of mineral resource properties.

The Company's revenues arose primarily from gold sales, interest income on corporate cash reserves and revenue from mineral properties. The Company has non-current assets in the following geographic locations:

|        | <b>2003</b>         | 2002         |
|--------|---------------------|--------------|
| Canada | <b>\$ 2,687,615</b> | \$ 1,761,048 |
| Mexico | <b>2,066,081</b>    | 1,898,810    |
|        | <b>\$ 4,753,696</b> | \$ 3,659,858 |

The Company earns revenue in the following geographic locations:

|        | <b>2003</b>       | 2002       | 2001      |
|--------|-------------------|------------|-----------|
| Canada | <b>\$ 110,230</b> | \$ 122,538 | \$ 30,260 |
| Mexico | <b>-</b>          | -          | 278       |
|        | <b>\$ 110,230</b> | \$ 122,538 | \$ 30,538 |

**13.****FINANCIAL RISK**

The Company is exposed to financial risk arising from fluctuations in foreign exchange rates and the degree of volatility of these rates. The Company does not use derivative instruments to reduce its exposure to foreign currency risk.

**14.**

**FAIR VALUE**

The Company's financial instruments include cash and cash equivalents, accounts receivable, marketable securities and accounts payable and accrued liabilities. The fair values of these financial instruments approximate their carrying values.

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**ALMADEN MINERALS LTD.**

**(An exploration stage company)**

**Notes to the Consolidated Financial Statements**

**(Expressed in Canadian dollars)**

**15.**

**INCOME TAXES**

The Company's Canadian income tax rate is approximately 37.6% (2002 - 39.6%; 2001 - 45%) while the Mexico income tax rate is approximately 35%. The provision for income taxes differs from the amounts computed by applying the statutory rates to the loss before tax provision due to the following:

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|   | 2003              | 2002         | 2001       |
|---|-------------------|--------------|------------|
| Statutory rate                                    | <b>37.6%</b>      | 39.6%        | 45.0%      |
| Income taxes recovered at the                     |                   |              |            |
| Canadian statutory rate                           | \$ <b>425,000</b> | \$ 1,207,300 | \$ 292,540 |
| Effect of lower tax rates in foreign jurisdiction | <b>(1,200)</b>    | (3,900)      | (6,863)    |
| Non-deductible expenses                           | <b>(83,000)</b>   | (61,000)     | -          |
|   | <b>340,800</b>    | 1,142,400    | 285,677    |
| Tax losses not recognized in                      |                   |              |            |
| period benefit arose                              | <b>(340,800)</b>  | (1,142,400)  | (285,677)  |
|   | \$ -              | \$ -         | \$ -       |

The approximate tax effects of each type of temporary difference that gives rise to future tax assets are as follows:

|   | 2003                | 2002         |
|---|---------------------|--------------|
| Operating loss carryforwards                      | \$ <b>2,241,000</b> | \$ 1,799,000 |
| Canadian exploration expenditures and foreign     |                     |              |
| exploration and development costs in              |                     |              |
| excess of book value of resource properties       | <b>3,616,000</b>    | 3,153,000    |
| Impairment of long-term investment                | <b>21,800</b>       | 21,800       |
| Undeducted capital cost allowance on fixed assets | <b>71,000</b>       | 93,600       |
|   | <b>5,949,800</b>    | 5,067,400    |
| Valuation loss provision                          | <b>(5,949,800)</b>  | (5,067,400)  |
|   | \$ -                | \$ -         |

At December 31, 2003, the Company had operating loss carryforwards available for tax purposes in Canada and Mexico of \$6,305,000 which expire between 2005 and 2013.

(An exploration stage company)

## Notes to the Consolidated Financial Statements

(Expressed in Canadian dollars)

16.

### CONTINGENCY

The Company was assessed additional mineral tax of \$197,233 plus interest of \$84,638 by the British Columbia Ministry of Energy and Mines (the "Ministry"). The assessment relates to the deductibility of certain expenditures between February 1, 1995 and January 31, 1997. While management intends to defend its position, the outcome of this issue is uncertain. In order to reduce the exposure to interest charges, the Company paid \$281,871. This amount will be refunded with interest if the Company is successful in defending its position.

In addition, should the Company be unsuccessful in defending its position, approximately \$353,000 will be payable in respect of gold sales in fiscal 2000 to 2002. The Company has provided for the liability arising from the assessment. Any recovery will be credited to operations when received.

17.

### DIFFERENCES BETWEEN CANADIAN AND UNITED STATES GENERALLY ACCEPTED ACCOUNTING PRINCIPLES

These consolidated financial statements have been prepared in accordance with Canadian generally accepted accounting principles ("Canadian GAAP") which, in these financial statements are different in some respects from those in the United States ("U.S. GAAP"). The following is a reconciliation:

|   | 2003          | 2002         |
|---|---------------|--------------|
| <b>Consolidated Balance Sheets</b>          |               |              |
| Total assets under Canadian GAAP            | \$ 10,341,770 | \$ 5,635,752 |
| Write-off of deferred exploration costs (a) | (1,358,352)   | (683,936)    |
| Adjustment to marketable securities (c)     | 899,211       | 180,760      |
| Total assets under U.S. GAAP                | \$ 9,882,629  | \$ 5,132,576 |

|   |              |              |
|---|--------------|--------------|
| Shareholders' equity under Canadian GAAP    | \$ 9,854,481 | \$ 5,181,485 |
| Write-off of deferred exploration costs (a) | (1,358,352)  | (633,936)    |
| Adjustment to marketable securities (c)     | 899,211      | 180,760      |
| Shareholders' equity under U.S. GAAP        | \$ 9,395,340 | \$ 4,728,309 |

**ALMADEN MINERALS LTD.****(An exploration stage company)****Notes to the Consolidated Financial Statements****(Expressed in Canadian dollars)****17.****DIFFERENCES BETWEEN CANADIAN AND UNITED STATES GENERALLY ACCEPTED ACCOUNTING PRINCIPLES (Continued)**

|                                     | 2003           | 2002           | 2001         |
|-------------------------------------|----------------|----------------|--------------|
| <b>Consolidated Statements of</b>   |                |                |              |
| <b>Loss and Deficit</b>             |                |                |              |
| Net loss under Canadian GAAP        | \$ (1,326,305) | \$ (3,198,025) | \$ (650,095) |
| Write-off of current period         |                |                |              |
| deferred exploration costs (a)      | (742,857)      | (780,647)      | (135,376)    |
| Add back of deferred exploration    |                |                |              |
| costs written off in the current    |                |                |              |
| year (a)                            | 68,441         | 1,265,869      | 47,595       |
| Gold recoveries in the current      |                |                |              |
| year applied to reduce deferred     |                |                |              |
| exploration costs (a)               | -              | 140,886        | -            |
| Reversal of retroactive application |                |                |              |
| of accounting change (b)            | -              | 162,000        | -            |
| Net loss under U.S. GAAP            | \$ (2,000,721) | \$ (2,409,917) | \$ (737,876) |

|  |    |                    |    |             |    |           |
|--|----|--------------------|----|-------------|----|-----------|
| Net loss per share under<br>U.S. GAAP            | \$ | (0.09)             | \$ | (0.13)      | \$ | (0.05)    |
|  |    | <b>2003</b>        |    | 2002        |    | 2001      |
| <b>Consolidated Statements of<br/>Cash Flows</b> |    |                    |    |             |    |           |
| Operating activities                             |    |                    |    |             |    |           |
| Operating activities under<br>Canadian GAAP      | \$ | <b>(911,766)</b>   | \$ | (855,487)   | \$ | (296,761) |
| Exploration (a)                                  |    | <b>(742,857)</b>   |    | (780,647)   |    | (135,376) |
| Operating activities under<br>U.S. GAAP          |    | <b>(1,654,623)</b> |    | (1,636,134) |    | (432,137) |
| Investing activities                             |    |                    |    |             |    |           |
| Investing activities under<br>Canadian GAAP      |    | <b>(993,588)</b>   |    | (832,251)   |    | 283,262   |
| Deferred exploration (a)                         |    | <b>742,857</b>     |    | 780,647     |    | 135,376   |
| Investing activities under<br>U.S. GAAP          |    | <b>(250,731)</b>   |    | (51,604)    |    | 418,638   |

**ALMADEN MINERALS LTD.****(An exploration stage company)****Notes to the Consolidated Financial Statements****(Expressed in Canadian dollars)****17.****DIFFERENCES BETWEEN CANADIAN AND UNITED STATES GENERALLY ACCEPTED  
ACCOUNTING PRINCIPLES (Continued)**

(a)

Canadian GAAP allows exploration costs and costs of acquiring mineral rights to be capitalized during the search for a commercially mineable body of ore. Under US GAAP, exploration expenditures can only be deferred subsequent to the establishment of mining reserves. For US GAAP purposes, the Company therefore expensed its exploration expenditures.

(b)

During 2003, the Company adopted the fair value based method of accounting under Canadian GAAP for stock-based compensation, as described in Notes 2 (j) and 3, with retroactive application with restatement of the prior year's income statement. Statement of Financial Accounting Standards ("SFAS") No. 148, *Accounting for Stock-based Compensation - Transition and Disclosure*, issued by the United States Financial Accounting Standards Board ("FASB") provides alternative methods of transition for entities that voluntarily change to the fair value based method of accounting and amends the disclosure provisions of SFAS No. 123, *Accounting for Stock-based Compensation*. For US GAAP purposes, the Company has adopted SFAS No. 123 prospectively as of January 1, 2003. As a result, the stock option compensation expense recognized in 2002 under Canadian GAAP has been reversed for US GAAP purposes.

Prior to 2002, in accordance with SFAS No. 123 and Accounting Principles Board Opinion No. 25, which specifies use of the intrinsic value method, since stock options were granted at the quoted market value of the Company's common shares at the date of grant, no compensation cost was recognized by the Company under US GAAP.

Had the fair value assigned to the stock options granted during the year ended December 31, 2002 been charged to net earnings, the net loss for US GAAP purposes for the year ended December 31, 2002 would have been \$2,571,917 while the basic and diluted loss per share would remain unchanged. The weighted average assumptions used for this calculation are consistent with those disclosed in Note 9.

Under Canadian GAAP, the measurement of the recorded stock-based compensation, as well as the assumptions and methodology, are consistent with those prescribed by SFAS No. 123.



**Notes to the Consolidated Financial Statements**

(Expressed in Canadian dollars)

17.

**DIFFERENCES BETWEEN CANADIAN AND UNITED STATES GENERALLY ACCEPTED ACCOUNTING PRINCIPLES (Continued)**

(c)

In May 1993, the FASB issued SFAS No. 115, *Accounting for Certain Investments in Debt and Equity Securities* ("SFAS No. 115"). Under SFAS No. 115, management determines the appropriate classification of investments in debt and equity securities at the time of purchase and re-evaluates such designation as of each balance sheet date.

Under SFAS No. 115, equity securities and long-term investments are classified as available-for-sale securities and accordingly, is required to include the net unrealized holding gain on these securities in other comprehensive income.

SFAS No. 130, *Reporting Comprehensive Income*, establishes standards for the reporting and display of comprehensive income and its components (revenue, expenses, gains and losses) in a full set of general purpose financial statements. Details would be disclosed as follows:

|                             | <b>2003</b>           | 2002           | 2001         |
|-----------------------------|-----------------------|----------------|--------------|
| Net loss under U.S. GAAP    | <b>\$ (2,000,721)</b> | \$ (2,409,917) | \$ (737,876) |
| Other comprehensive income  |                       |                |              |
| Adjustment to unrealized    |                       |                |              |
| gains on available-for-sale |                       |                |              |
| securities                  | <b>718,451</b>        | 119,530        | (770)        |
| Comprehensive loss under    |                       |                |              |
| U.S. GAAP                   | <b>\$ (1,282,270)</b> | \$ (2,290,387) | \$ (738,646) |

(An exploration stage company)

Notes to the Consolidated Financial Statements

(Expressed in Canadian dollars)

17.

**DIFFERENCES BETWEEN CANADIAN AND UNITED STATES GENERALLY ACCEPTED ACCOUNTING PRINCIPLES (Continued)**

(d)

In June 1998, the FASB issued SFAS No. 133, *Accounting for Derivative Instruments and Hedging Activities*, which established accounting and reporting standards for derivative instruments and hedging activities. SFAS No. 133 requires an entity to measure all derivatives at fair value and to recognize them in the balance sheet as an asset or liability, depending on the entity's rights or obligations under the applicable derivative contract. On June 15, 2000, the FASB issued SFAS No. 138, *Accounting for Certain Derivative Instruments and Certain Hedging Activities - an amendment of FASB Statement No. 133*, which amends the accounting and reporting standards of SFAS No. 133 for certain derivative instruments and certain hedging activities. The Company's adoption of this statement on January 1, 2001 did not have an effect on the Company's financial position or results of operations.

(e)

Under Canadian GAAP, future income taxes are calculated based on enacted or substantially enacted tax rates applicable to future years. Under US GAAP, only enacted rates are used in the calculation of future income taxes. This difference in GAAP did not result in a difference in the financial position, results of operations or cash flows of the Company for the years ended December 31, 2003, 2002 and 2001.

(f)

Under Canadian income tax legislation, a company is permitted to issue shares whereby the company agrees to incur qualifying expenditures and renounce the related income tax deductions to the investors. The Company has accounted for the issue of flow-through shares using the deferral method in accordance with Canadian GAAP. At the time of issue, the funds received are recorded as share capital. For U.S. GAAP, the premium paid in excess of the market value is credited to other liabilities and included in income as the qualifying expenditures are made. There was no premium on the flow-through shares issued for all periods presented.

Also, notwithstanding whether there is a specific requirement to segregate the funds, the flow-through funds which are unexpended at the consolidated balance sheet dates are considered to be restricted and are not considered to be cash or cash equivalents under U.S. GAAP. As at December 31, 2003, unexpended flow-through funds were \$393,481 (2002 - \$127,305).

**ALMADEN MINERALS LTD.**

**(An exploration stage company)**

**Notes to the Consolidated Financial Statements**

**(Expressed in Canadian dollars)**

17.

**DIFFERENCES BETWEEN CANADIAN AND UNITED STATES GENERALLY ACCEPTED ACCOUNTING PRINCIPLES (Continued)**

(g)

*Recent accounting pronouncements*

In June 2001, the FASB issued SFAS No. 143, *Accounting for Asset Retirement Obligations* ("SFAS 143"), which addresses financial accounting and reporting for obligations associated with the retirement of long-lived assets that result from the acquisition, construction, development and (or) the normal operation of a long-lived assets, except for certain obligations of leases. SFAS 143 requires entities to record the fair value of a liability for an asset retirement obligation in the period in which it is incurred. When the liability is initially recorded an entity capitalizes the cost by increasing the carrying amount of the related long-lived assets. Over time the liability is accreted to its present value each period, and the capitalized cost is amortized over the useful life of the related asset. Upon settlement of the liability, an entity either settles the obligation for its recorded amount or incurs a gain or loss upon settlement. SFAS 143 is effective for financial statements issued for fiscal years beginning after June 15, 2002 with earlier application encouraged. The Company has determined that the adoption of the Statement on its financial statements is not material.

In October 2001, the FASB issued SFAS No. 144, *Accounting for the Impairment or Disposal of Long-Lived Assets*. This statement supersedes SFAS No. 121, *Accounting for the Impairment of Long-Lived Assets and for Long-Lived Assets to Be Disposed Of*. Although retaining many of the fundamental recognition and measurement provisions of SFAS No. 121, the new rules significantly change the criteria that would have to be met to classify an asset as held-for-sale. The statement also supersedes certain provisions of Accounting Principles Board Opinion No. 30, *Reporting the Results of Operations - Reporting the Effects of Disposal of a Segment of a Business, and Extraordinary, Unusual and Infrequently Occurring Events and Transactions*, and will require expected future operating losses from discontinued operations to be displayed in discontinued operations in the period(s) in which the losses are incurred rather than as of the measurement date, as presently required. As required by SFAS No. 144, the Company adopted this new statement on March 1, 2002. The adoption of SFAS No. 144 did not have a material impact on the Company's financial position, results of operations or cash flows.

**ALMADEN MINERALS LTD.**

**(An exploration stage company)**

**Notes to the Consolidated Financial Statements**

**(Expressed in Canadian dollars)**

**17.**

**DIFFERENCES BETWEEN CANADIAN AND UNITED STATES GENERALLY ACCEPTED ACCOUNTING PRINCIPLES (Continued)**

*(g)*

*Recent accounting pronouncements (continued)*

In April 2002, the FASB issued SFAS No. 145, *Rescission of FASB Statement No. 4, 44 and 64, Amendment of FASB Statement No. 13, and Technical Corrections*. Among other things, SFAS No. 145 rescinds both SFAS No. 4, *Reporting Gains and Losses from Extinguishment of Debt*, and the amendment to SFAS No. 4, SFAS No. 64, *Extinguishment of Debt Made to Satisfy Sinking Fund Requirements*. Through this rescission, SFAS No. 145 eliminates the requirement (in both SFAS No. 4 and SFAS No. 64) that gains and losses from the extinguishment of debt be aggregated and, if material, classified as an extraordinary item, net of the related income tax effect. Generally, SFAS No. 145 is effective for transactions occurring after May 15, 2002. The adoption of SFAS No. 145 does not have a material impact on the Company's results of operations or its financial position.

In June 2002, the FASB issued SFAS No. 146, *Accounting for Costs Associated with Exit or Disposal of Activities*. SFAS No. 146 requires that the liability for a cost associated with an exit or disposal activity be recognized at its fair value when the liability is incurred. Under previous guidance, a liability for certain exit costs was recognized at the date that management committed to an exit plan, which was generally before the actual liability had occurred. As SFAS No. 146 is effective only for exit or disposal activities initiated after December 31, 2002, the adoption of this statement does not have a material impact on the Company's financial statements for the year ended December 31, 2003.

In November 2002, the FASB issued Interpretation No. 45, *Guarantor's Accounting and Disclosure Requirements for Guarantee, Including Indirect Guarantees of Indebtedness of Others*, ("FIN 45"). FIN 45 requires that upon issuance of a guarantee, a guarantor must recognize a liability for the fair value of an obligation assumed under a guarantee. FIN 45 also requires additional disclosures by a guarantor in its interim and annual financial statements about the obligations associated with guarantees issued. The recognition provisions of FIN 45 will be effective for any guarantees that are issued or modified after December 31, 2002. The Company has determined that the impact of the Statement on the Company's results of operations or financial position is not material.

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**ALMADEN MINERALS LTD.**

**(An exploration stage company)**

**Notes to the Consolidated Financial Statements**

**(Expressed in Canadian dollars)**

**17.**

**DIFFERENCES BETWEEN CANADIAN AND UNITED STATES GENERALLY ACCEPTED ACCOUNTING PRINCIPLES (Continued)**

*(g)*

*Recent accounting pronouncements (continued)*

In January 2003, the FASB issued Interpretation No. 46, *Consolidation of Variable Interest Entities*, ("FIN 46") that addresses the consolidation of variable interest entities. In December 2003, the FASB issued a revised Interpretation "FIN 46R". Under the revised Interpretation, an entity deemed to be a business, based on certain specified criteria, need not be evaluated to determine if it is a Variable Interest Entity. The Company must apply the provisions to variable interests in entities created before February 1, 2003 during the quarter ended December 31, 2003. Adoption of FIN 46 and FIN 46R did not have an impact on the Company's financial condition or results of operations.

In April 2003, the FASB issued Statement No. 149 ("SFAS No. 149"), *Amendment of Statement 133 on Derivative Instruments and Hedging Activities*. SFAS No. 149 is intended to result in more consistent reporting of contracts as either freestanding derivative instruments subject to Statement 133 in its entirety, or as hybrid instruments with debt host contracts and embedded derivative features. In addition, SFAS No. 149 clarifies the definition of a derivative by providing guidance on the meaning of initial net investments related to derivatives. SFAS No. 149 is effective for contracts entered into or modified after June 30, 2003. The Company does not believe the adoption of SFAS No. 149 will have a material effect on its consolidated financial positions, results of operations or cash flows.

In May 2003, the FASB issued Statement No. 150 ("SFAS No. 150"), *Accounting for Certain Financial Instruments with Characteristics of both Liabilities and Equity*. SFAS No. 150 establishes standards for classifying and measuring as liabilities certain financial instruments that embody obligations of the issuer and have characteristics of both liabilities an equity. SFAS No. 150 represents a significant change in practice in the accounting for a number of financial instruments, including mandatorily redeemable equity instruments and certain equity derivatives. SFAS No. 150 is effective for all financial instruments created or modified after May 31, 2003, and to other instruments as of September 1, 2003. The Company does not expect that the adoption of SFAS No. 150 will have a material impact on its results of operations or financial position.

18.

#### **SUBSEQUENT EVENT**

Subsequent to year end, 615,075 share purchase warrants were exercised at an average price of \$0.69 per common share and 60,000 stock options were exercised at an average price of \$0.40 per share.

**ALMADEN MINERALS LTD.****Schedule 1****(An exploration stage company)****Consolidated Schedules of General and Administrative Expenses****(Expressed in Canadian dollars)**

|                           | Cumulative<br>amount since<br>incorporation<br>September 25,<br>1980 to<br>December 31,<br>2003 | 2003           | Years ended December 31,<br>2002 | 2001    |
|---------------------------|---|----------------|----------------------------------|---------|
| Bad debts                 | \$ 130,551  | \$ -           | \$ -                             | \$ -    |
| Bank charges and interest | 38,476  | <b>5,823</b>   | 4,732                            | 3,524   |
| B.C. mineral taxes        | 36,897  | <b>36,897</b>  | -                                | -       |
| Depreciation              | 348,269   | <b>38,852</b>  | 43,166                           | 26,882  |
| Employee benefits         | 10,512  | -              | -                                | -       |
| Insurance                 | 25,426  | <b>6,035</b>   | 5,826                            | 2,910   |
| Management services       | 16,775  | -              | -                                | -       |
| Office and licenses       | 883,790   | <b>112,087</b> | 97,255                           | 40,407  |
| Professional fees         | 1,726,397   | <b>201,356</b> | 222,950                          | 200,855 |
| Rent                      | 404,823   | <b>89,168</b>  | 87,208                           | 18,229  |
| Stock exchange fees       | 174,084   | <b>21,930</b>  | 55,196                           | 5,945   |
| Telephone                 | 131,475   | <b>14,212</b>  | 12,686                           | 5,562   |
| Transfer agent fees       | 142,631   | <b>11,674</b>  | 12,437                           | 10,809  |

|                                  |              |                   |            |            |
|----------------------------------|--------------|-------------------|------------|------------|
| Travel and promotion             | 371,202      | <b>67,729</b>     | 57,297     | 11,959     |
| Write-off of incorporation costs | 3,298        | -                 | -          | -          |
|                                  | \$ 4,444,606 | \$ <b>605,763</b> | \$ 598,753 | \$ 327,082 |

**ALMADEN MINERALS LTD.****Schedule 2****(An exploration stage company)****Consolidated Schedule of Share Capital Since Inception****(Expressed in Canadian dollars)**

|   | Number    | Price   | Amount    |
|---|-----------|---------|-----------|
| For cash upon incorporation                                   | 1         | \$ 1.00 | \$ 1      |
| For cash from principal (founder's shares)                    | 750,000   | 0.01    | 7,500     |
| For cash  | 1,010,528 | 0.15    | 151,579   |
| For cash  | 292,500   | 0.25    | 73,925    |
| For cash from related company of principal                    | 180,000   | 0.25    | 45,000    |
| Balance December 31, 1985                                     | 2,233,029 |         | 278,005   |
| For cash pursuant to public offering, net of issue expenses   | 700,000   | 0.56    | 392,568   |
| For mineral property  | 40,000    | 0.70    | 28,000    |
| Balance December 31, 1986                                     | 2,973,029 |         | 698,573   |
| For cash pursuant to private placement, net of issue expense  | 200,000   | 0.83    | 165,750   |
| For cash pursuant to private placement                        | 300,000   | 1.00    | 300,000   |
| For cash pursuant to private placement, net of issue expense  | 150,000   | 1.34    | 201,432   |
| Balance December 31, 1987                                     | 3,623,029 |         | 1,365,755 |
| For cash pursuant to private placement                        | 171,000   | 1.75    | 299,250   |
| For cash pursuant to private placement, net of issue expenses | 297,803   | 0.90    | 267,734   |
| For cash  | 40,000    | 1.10    | 44,000    |



|   |           |      |           |
|---|-----------|------|-----------|
| For mineral property  | 40,000    | 1.00 | 40,000    |
| Balance December 31, 1988                                     | 4,171,832 |      | 2,016,739 |
| For cash pursuant to private placement, net of issue expenses | 112,055   | 1.10 | 123,260   |
| Balance December 31, 1989                                     | 4,283,887 |      | 2,139,999 |
| For cash pursuant to private placement                        | 177,778   | 0.45 | 80,000    |
| For cash on exercise of stock options                         | 49,500    | 0.68 | 33,660    |
| For 100,000 common shares of Pacific Sentinel Gold Corp.      | 300,000   | 0.73 | 219,000   |
| For cash on exercise of stock options                         | 26,000    | 0.75 | 19,500    |
| For cash on exercise of stock options                         | 10,000    | 0.72 | 7,200     |
| Balance December 31, 1990                                     | 4,847,165 |      | 2,499,359 |
| For cash on exercise of stock options                         | 40,000    | 0.72 | 28,800    |
| Balance December 31, 1991                                     | 4,887,165 |      | 2,528,159 |
| For mineral property  | 28,000    | 0.71 | 20,000    |
| For cash on exercise of stock options                         | 50,000    | 0.68 | 12,500    |
| For cash on exercise of stock options                         | 10,000    | 0.73 | 7,500     |
| For cash on exercise of stock options                         | 10,000    | 0.28 | 2,800     |
| For cash pursuant to private placement                        | 137,000   | 0.50 | 68,500    |
| Balance December 31, 1992 (carried forward)                   | 5,122,165 |      | 2,639,459 |

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**ALMADEN MINERALS LTD.**

**Schedule 2**

**(An exploration stage company)**

**Consolidated Schedule of Share Capital Since Inception**

**(Expressed in Canadian dollars)**

|  | Number | Price | Amount |
|--|--------|-------|--------|
|--|--------|-------|--------|

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|  |            |             |              |
|--|------------|-------------|--------------|
| Balance December 31, 1992 (brought forward)                    | 5,122,165  |             | \$ 2,639,459 |
| For cash on exercise of stock options                          | 290,000    | 0.28        | 81,200       |
| For cash on exercise of stock options                          | 50,000     | 0.33        | 16,500       |
| For mineral property   | 24,827     | 1.45        | 36,000       |
| For cash pursuant to private placement                         | 85,000     | 2.34        | 198,900      |
| For cash pursuant to private placement, net of issue expense   | 235,046    | 2.13        | 500,930      |
| For cash on exercise of stock options                          | 64,000     | 1.08        | 69,120       |
| For finders' fee   | 8,857      | 0.70        | 6,200        |
| For mineral property   | 10,000     | 0.50        | 5,000        |
| For finders' fee   | 5,000      | 3.30        | 16,500       |
| Balance December 31, 1993                                      | 5,894,895  |             | 3,569,809    |
| For cash on exercise of stock options                          | 110,000    | 1.08        | 118,800      |
| For cash pursuant to private placement, net of issue expense   | 200,000    | 1.18        | 236,800      |
| For finders' fee   | 10,642     | 0.70        | 7,449        |
| For finders' fee   | 12,307     | 1.56        | 19,200       |
| Balance December 31, 1994                                      | 6,227,844  |             | 3,952,058    |
| For cash pursuant to private placement, net of issue expense   | 200,000    | 1.50        | 285,000      |
| For cash pursuant to private placement, net of issue expense   | 75,000     | 1.30        | 94,575       |
| For cash on exercise of stock options                          | 120,000    | 1.28        | 153,800      |
| For cash on exercise of stock options                          | 250,000    | 1.13        | 282,100      |
| For cash on exercise of share purchase warrants                | 100,000    | 1.28        | 128,000      |
| For finders' fee   | 6,428      | 0.70        | 4,500        |
| For mineral property   | 39,308     | 1.59        | 62,500       |
| For mineral property   | 37,037     | 1.35        | 50,000       |
| Balance December 31, 1995                                      | 7,055,617  |             | 5,012,533    |
| For cash on exercise of stock options                          | 672,000    | 1.08 - 1.49 | 899,100      |
| For cash on exercise of share purchase warrants                | 275,000    | 1.40 - 1.50 | 405,000      |
| For cash pursuant to private placement, net of issue expense   | 120,000    | 2.00        | 240,000      |
| For cash pursuant to private placement, net of issue expense   | 620,000    | 3.25        | 1,894,100    |
| For cash on exercise of stock options                          | 720,000    | 1.43 - 1.86 | 1,221,050    |
| For mineral property   | 10,000     | 3.20        | 32,000       |
| Balance December 31, 1996                                      | 9,472,617  |             | 9,703,783    |
| For cash on exercise of stock options                          | 60,000     | 1.66 - 2.63 | 109,300      |
| For cash on exercise of share purchase warrants                | 50,000     | 2.00        | 100,000      |
| For cash pursuant to private placements, net of issue expenses | 388,000    | 1.87        | 725,560      |
| For mineral property   | 50,000     | 2.90        | 145,000      |
| For cash pursuant to private placement, net of issue expenses  | 296,000    | 3.14 - 3.53 | 1,013,371    |
| Balance December 31, 1997 (carried forward)                    | 10,316,617 |             | 11,797,014   |

**ALMADEN MINERALS LTD.****Schedule 2****(An exploration stage company)****Consolidated Schedule of Share Capital Since Inception****(Expressed in Canadian dollars)**

|   | Number      | Price     | Amount        |
|---|-------------|-----------|---------------|
| Balance December 31, 1997 (brought forward)     | 10,316,617  |           | \$ 11,797,014 |
| For cash on exercise of share purchase warrants | 359,000     | 1.05      | 376,950       |
| For mineral property                            | 50,000      | 2.90      | 145,000       |
| Balance, December 31, 1998                      | 10,725,617  |           | 12,318,964    |
| For cash pursuant to private placement          | 1,370,000   | 0.23      | 308,250       |
| For mineral property                            | 50,000      | 2.90      | 145,000       |
| Balance, December 31, 1999                      | 12,145,617  |           | 12,772,214    |
| For cash on exercise of stock options           | 100,000     | 0.35      | 35,000        |
| For cash pursuant to private placement          | 1,000,000   | 0.345     | 345,000       |
| For cash on exercise of share purchase warrants | 10,000      | 0.225     | 2,250         |
| For mineral properties                          | 25,000      | 2.90      | 72,500        |
| Balance, December 31, 2000                      | 13,280,617  |           | 13,226,964    |
| For mineral properties                          | 25,000      | 2.90      | 72,500        |
| Issuance to acquire Fairfield Minerals Ltd.     | 6,877,681   | 0.25      | 1,711,312     |
| Adjustment to issued shares on amalgamation     | (3,060,292) | -         | -             |
| Balance, December 31, 2001                      | 17,123,006  |           | 15,010,776    |
| For cash pursuant to private placements         | 4,150,000   | 0.43-0.55 | 1,897,943     |
| For cash on exercise of share purchase warrants | 134,750     | 0.38      | 51,312        |
| For purchase of mill                            | 122,077     | 0.65      | 79,350        |
| For mineral properties                          | 388,889     | 0.90      | 350,000       |
| Balance, December 31, 2002                      | 21,918,722  |           | 17,389,381    |
| For cash pursuant to private placements         | 2,773,800   | 0.70-2.15 | 2,362,704     |

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|   |            |           |               |
|---|------------|-----------|---------------|
| For cash on exercise of share purchase warrants | 2,771,807  | 0.42-0.95 | 1,648,664     |
| For cash on exercise of stock options           | 162,750    | 0.30-0.55 | 68,498        |
| Balance, December 31, 2003                      | 27,627,079 |           | \$ 21,469,247 |

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**SIGNATURE**

The Registrant hereby certifies that it meets all of the requirements for filing on Form 20-F and that it has duly caused and authorized the undersigned to sign this Annual Report on its behalf.

Almaden Minerals Ltd.

Registrant

Dated: May 11, 2004

By /s/Duane Poliquin

Duane Poliquin, President