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VOLUME I

2000 GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL AND TRENCHING ASSESSMENT REPORT ON THE AUREX PROJECT

094222

Comprising the Following Claims:

Nis 1-75
Fisher 23-67
Rex 1-14 & 23-49
Aurex 1-34 & 51-171
Sin 1-11, 13-33, 35, 37, 39 & 40

Located in the Mount Haldane - Keno Hill Area
Mayo Mining District
Yukon Territory, Canada

NTS 105 M-13, 105 M-14

63^0 52' N Latitude

135^0 35' W Longitude

-prepared for-

NEWMONT EXPLORATION OF CANADA LTD

Denver, Colorado

-prepared by-

ARGONAUT GOLD ODYSSEY INC.
Nadia M. Caira, P.Geo.
and
M.A. STAMMERS EXPLORATION MANAGEMENT INC.
M. A. Stammers, P.Geo.

Dates Work Performed: July 1 to August 31, 2000
Date of Report: January 2001

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 141,950.00.

M. Bu

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

2000 GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL AND TRENCHING ASSESSMENT REPORT ON THE AUREX PROJECT

TABLE OF CONTENTS ***in*** **VOLUME I**

2000 GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL AND TRENCHING ASSESSMENT REPORT ON THE AUREX PROJECT

TABLE OF CONTENTS (Continued) ***in*** **VOLUME I**

TABLE OF CONTENTS (Continued) ***in*** **VOLUME I** **Page**

APPENDICES ***in*** **VOLUME I**

LIST OF TABLES VOLUME I **Page**

2000 GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL AND TRENCHING ASSESSMENT REPORT ON THE AUREX PROJECT

LIST OF FIGURES ***in*** **VOLUME I**

LIST OF PLATES ***in*** **VOLUME I**

2000 GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL AND TRENCHING ASSESSMENT REPORT ON THE AUREX PROJECT

LIST OF PLATES *in* VOLUME II

1.0 EXECUTIVE SUMMARY

The metasedimentary rocks underlying the Aurex property area belong to the Yukon Group of the Yusezyu Formation of the Hyland Group Schists (Upper and Lower Schist Members) and are probably of Precambrian and/or Paleozoic age. They consist of graphitic, siliceous and sericitic schists, all variably calcareous, phyllites, thick- and thin-bedded quartzites, argillites, calc-silicate sediments and a few limestone (marble) lenses. The sedimentary rocks have been divided into three formations: lower schist, central quartzite and upper schist. The rocks in the three formations dip shallowly south-southeast.

Conformable lenses and sills of gabbro-diorite intrusions and quartz-feldspar porphyry and biotite-granodiorite sills occur in the lower schist and central quartzite formations, although to the east of the Aurex property towards the Keno Hill silver-lead-zinc mine area they have been noted in the upper schist formation as well.

The region is crosscut by the easterly trending Robert Service Thrust of Jurassic-Cretaceous age that has thrust to the north the Hyland Group Schists (Units 0, 1 and 2) and the Earn Group-(Units 5 and 6) over the Central Quartzite Formation (Members 3 and 4). A series of stacked, imbricate thrust blocks occur along this fault zone. Two additional fault systems occur in the area: a northeast-striking system of faults and vein faults which, together with numerous subsidiaries, contain some of the quartz-arsenopyrite-gold veins at Aurex and all of the Keno Hill silver-lead-zinc ore bodies to the east of Aurex as well as the Silver King high-grade silver mine 1.6 kilometres north of the Aurex property. A later dominant northwest-trending series of faults offset earlier east-trending low-angle faults. All three sets of faults are mineralized or have contributed to localization of mineralization by providing fluid corridors for incoming hydrothermal fluids and by enhancing structural preparation of host rocks.

The most favourable host rocks for the occurrence of gold, arsenic, antimony and bismuth mineralization are quartz-eye siliceous schists, sericitic schists and calc-silicate horizons that dominate the topographically prevalent Aurex Hill. Structurally, mineralization is localized at the junction of the northeast and northwest faults, in calc-silicate horizons and in quartz veins along early east - trending low-angle faults where crossed by later subsidiary fractures. Competency contrasts from siliceous quartz-eye schists, calc-silicate horizons and early metamorphogenic quartz veins to surrounding schist plays an important role in creating favourable dilatent zones for controlling deposition of mineralization.

Several types of mineralization are represented in the area (1) quartz-arsenopyrite-pyrite-gold veins (2) pyrrhotite-skarn lenses, (3) siderite base metal-cemented breccias and (4) gold placers.

Development of conformable low-grade pyrrhotite-gold calc-silicate skarn zones occur near suggested, hidden intrusions. The second stage of mineralization is represented by east-trending quartz-arsenopyrite - (pyrrhotite) veins that occur throughout the three by

two-kilometre Aurex Hill. Additionally, a series of narrow, northeast trending near vertical dipping quartz veins and stringers carry fine-grained arsenopyrite, pyrite, antimony-bismuth sulphides and gold in a series of subsidiary fractures that crosscut regional schistocity. The third stage of mineralization took place in a series of northeast-trending vein faults and included the development of base metal-bearing sulphide cemented breccias. These vein faults form an extensive series of lodes at Galena Hill, part of the Keno Hill silver-lead-zinc mine sequence, 1.5 kilometres east of the Aurex property.

On Aurex Hill, mineralization is oxidized to depths ranging from 1 to >15 metres. In the oxidized zones the primary arsenopyrite is altered to limonite and scorodite, the pyrite and iron carbonate is altered to limonite and wad whilst in the pyrrhotite-skarn lenses the pyrrhotite is altered to limonite and hematite and the minor chalcopyrite is altered to limonite and malachite.

Gold values range from 0.5-6.7 g/t Au, arsenic values range from 500-9000 ppm, antimony values range from 5-188 ppm, bismuth values range from 5-25 ppm, tungsten values are generally low in the range of 1-3 ppm, locally as high as 217 ppm. It is believed that the gold-arsenic-antimony-bismuth mineralization at Aurex is sourced from a hidden intrusion, which very likely underlies the Aurex Hill. Regional metamorphism, granitic intrusion and dilatency of certain faults promoted the diffusion of the resultant metals.

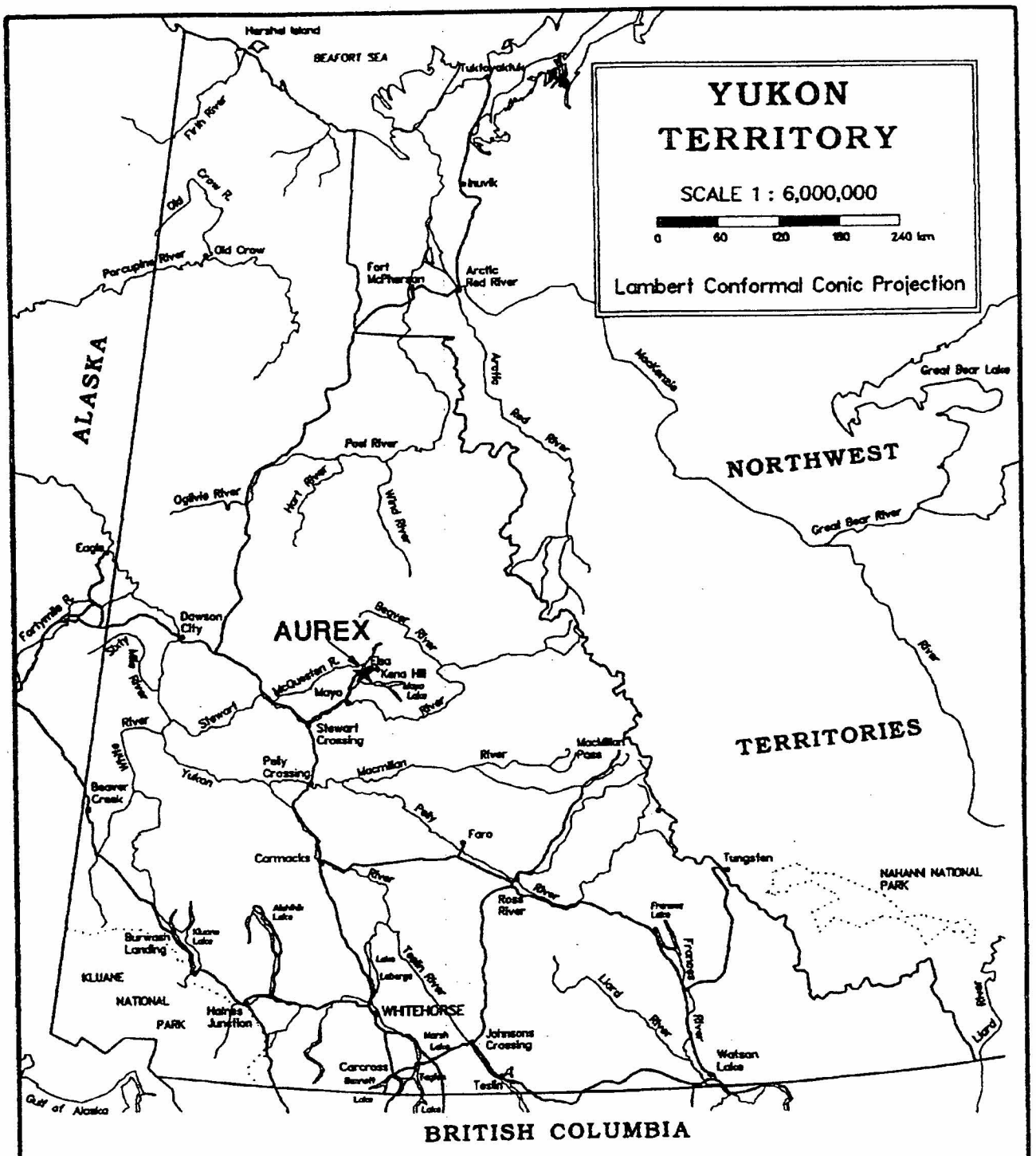
2.0 INTRODUCTION

This report describes geological, geochemical, geophysical and trenching work on the Aurex project completed during the period June 1 to August 30, 2000. The road accessible property is located a short drive north of Mayo in central Yukon (Figure 1). Work was completed for Newmont Exploration of Canada Ltd. under joint supervision of Newmont personnel, Argonaut Gold Odyssey Inc. and M. A. Stammers Exploration Management Inc. Fugro Airborne Surveys carried out the geophysical survey under the direction of Jim Wright of Newmont. Argonaut and Stammers have been retained to report on field activities

Work comprised line cutting, airborne electromagnetic and magnetic surveys, geological mapping, excavator trenching, soil sampling, rock sampling, stream sediment sampling, prospecting and Bombardier mounted auger drilling.

3.0 CLAIM STATUS

The Aurex Claim Group comprises 352 un-surveyed quartz mineral claims as listed in Table 1. The property is located in the Mayo Mining District on NTS map sheets 105 M-13 and 105 M-14 (Figure 2). The registered owner of the property is Archer, Cathro and Associates Ltd. Their interest has been assigned to Expatriate Resources Ltd. Newmont Exploration of Canada Limited working under a separate agreement with Expatriate completed the 2000 work program.



LOCATION MAP
AUREX CLAIMS
N.T.S. 105 M/13&14

FIGURE 1

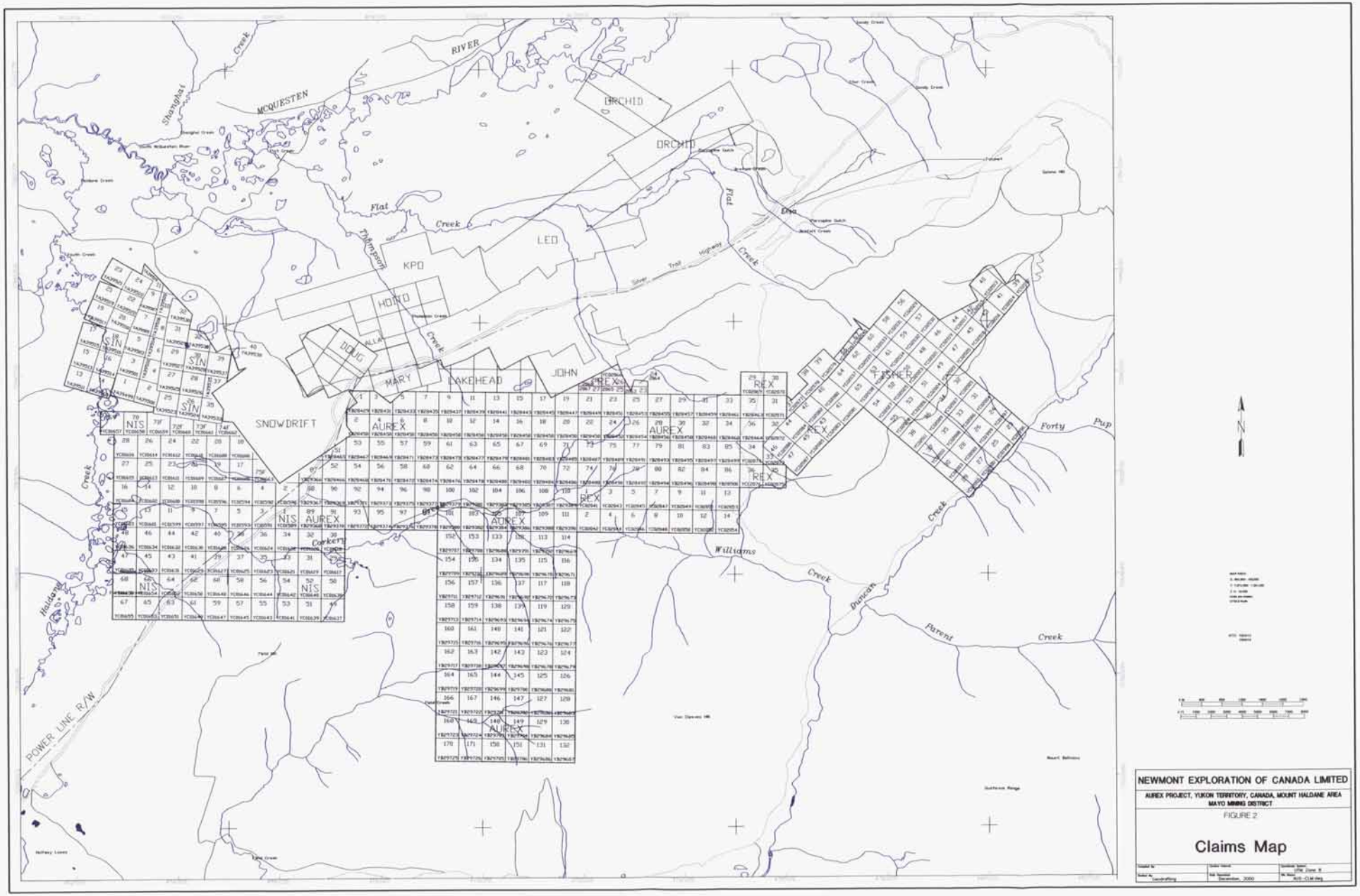
Table 1
List of Quartz Mining Claims

Claim Name	Grant Numbers	Expiry Date	Pending Expiry Date*	No. Claims
Aurex 1-34	YB28429-462	March 10, 2004	March 10, 2008	34
Aurex 51-86	YB28465-500	March 10, 2004	March 10, 2008	36
Aurex 87-113	YB29366-392	March 10, 2004	March 10, 2008	27
Aurex 114-171	YB29669-726	March 10, 2004	March 10, 2008	58
Sin 1-11	YA39499-509	April 9, 2003	April 9, 2007	11
Sin 13-33	YA39511-531	April 9, 2003	April 9, 2007	21
Sin 35, 37	YA39533, 535	April 9, 2003	April 9, 2007	2
Sin 39, 40	YA39537, 538	April 9, 2003	April 9, 2007	2
Nis 1-75	YC01589-663	February 5, 2001	February 5, 2005	75
Rex 1-14	YC02041-054	November 22, 2000	February 22, 2005	14
Rex 23-49	YC02063-089	November 22, 2000	February 22, 2005	27
Fisher 23-67	YC01996-2040	November 22, 2000	February 22, 2003	45
			*Pending government acceptance	352

4.0 LOCATION, ACCESS, PHYSIOGRAPHY AND CLIMATE

The Aurex property is located in central Yukon (Figure 1), 56 kilometres northeast of Mayo and some 350 kilometres due north of Whitehorse. The Silver Trail Highway transects the claims immediately southwest of the abandoned town site of Elsa. A network of four-wheel drive roads and trails provide excellent access to a good portion of the property. The Aurex field operation was carried out from the Silver Trail Lodge, at Halfway Lakes, midway between Mayo and Keno Hill.

The terrain comprises broad flats to narrow, small valleys to rolling hills. Mount Haldane is the most prominent feature in the area. It rises to 1840 metres and forms the north - western boundary of the Aurex property. It is flanked on the north by the McQuesten River Valley (702 metres) and on the east by Haldane Creek. The three kilometre long, east-trending "Aurex Hill" with the summit at 1021 metres dominates the Aurex property. West - flowing Corkery Creek is located south of Aurex Hill.



NEWMONT EXPLORATION OF CANADA LIMITED

AUREX PROJECT, YUKON TERRITORY, CANADA, MOUNT HALDANE AREA
MAYO MINING DISTRICT

FIGURE 2

Claims Map

The Aurex property is dominated by elevations below 1021 metres, where rock outcrops are sparse, and slopes are covered with thick deposits of till, soil, rock debris, muck and muskeg. Black spruce, birch and aspen dominate. Grassy meadows from 1006 metres and below mark circular ponds and marshy areas, locally coincident with till blankets. Extensive rock outcrops are uncommon in the area with the exception of the creek valleys and gulches where good geological sections can be mapped.

The climate of the central Yukon area is intense with a mean annual temperature at the town site of Mayo of -3^0C, the average minimum temperature is -10^0 C, and the average maximum $+3^0$ C. Temperatures as low as -62^0 C and as high as $+35^0$ C have been recorded. The winters are long and cold with only 4-5 hours of daylight each day, and the summers are short and warm with nearly continuous daylight. The average annual precipitation at Mayo is 28 centimetres. The snowfall is moderate and usually starts in late-September or early October. Most of the snow has melted by the end of May, but local patches remain in sheltered places on northern slopes until late August.

5.0 EXPLORATION HISTORY

Previous explorers have defined gold, arsenic, antimony and bismuth mineralization on the Aurex Hill property through RC drilling, trenching, prospecting and soil sampling. A summary of their work was adapted from Davidson (1994) and is as follows:

- **April 1993:** Yukon Revenue Mines (herein YRM) performed 2175 metres of rotary percussion drilling in 128 holes; holes ranged from 15-45 metres in depth and were drilled on a wide-spaced prospecting grid; anomalous Au-As-Sb-Bi were obtained in 67 of the 709 drill samples collected; a peak value of 4.2 g/t Au was recorded in holes 93-44 from 50-60 feet and 12 of the 128 holes drilled, intersected gold values greater than 0.5g/t Au over 10 foot sample widths.
- **July 1993:** YRM conducted a follow-up program consisting of 914 metres of rotary percussion drilling in 20 drill holes. Gold values > 0.5g/t Au were recovered from 17 of the 225 samples taken. Drill hole 93-147 assayed 6.7 g/t Au from 32-40 feet and 6.1 g/t Au from 40-50 feet; visible gold was seen in cuttings from three drill holes as very fine-grained, crystalline fragments of gold in quartz vein, in quartz-sericite schist, diopside skarn, limestone and quartz veins; sample results indicate a nugget effect on the assays due to the presence of free gold in some samples
- **April 1994:** a third phase of rotary percussion drilling was initiated to further define the known drill results and to establish the orientation of known gold-bearing structures; this program was slated to include 5,000 metres of rotary drilling in approximately 200 drill holes.
- **August 1998:** Amerok Geosciences Ltd. conducted a 4.25 line kilometer Induced Polarization survey in the northwest corner of the Aurex claims near the adjoining Snowdrift property.
- **July 1999:** Newmont collected 130 soil samples from four wide spaced lines on the Aurex claims during the course of a property evaluation program.

- **Fall 1999:** Expatriate collected 1039 soil samples from a 5 kilometre square soil grid on the Aurex claims and an additional 252 soil samples from claim lines on the Nis and Sin claims.

6.0 2000 EXPLORATION PROGRAM

Newmont Exploration of Canada Ltd. completed geophysical, geological and geochemical surveys during the period May 17th to August 27th, 2000 on the Aurex group of mineral claims. Work included airborne electromagnetic and magnetic geophysical surveys; linecutting; geological mapping; soil, rock and silt sampling, trenching with mapping and rock sampling; auger drilling with bedrock chip logging and sampling; claim post tagging, hand held GPS surveys and reclamation.

Fugro Airborne Surveys completed airborne EM and magnetometer surveys over all the Aurex group of claims and surrounding area (1226 line kilometers) during the period May 17 to 28, 2000. The survey was flown at 200-metre line spacing for a total of 914.4 line kilometers on claims or neighboring open ground. Newmont Geophysicist, Jim Wright completed data compilation and interpretation.

Whitehorse contractor Shar Explorations completed 12.68 kilometres of line cutting during the period June 5th to 20th. Lines were cut by chainsaw, secant-chained picketed and brushed to a 1.5 metre width.

All rock, silt and soil samples were shipped to ALS Chemex Labs in North Vancouver, B.C. for sample preparation and a detailed analysis for gold and 32 element ICP. In the field each sample site was marked with orange and blue flagging and an aluminum tag with the date and sample number. Analytical procedures and results are in Appendix E.

A total of 139 soil samples was taken at 200 metres centers in certain areas where residual soils were suspected. Samples were taken using a soil mattock from the " B" soil horizon levels at depths ranging from 10-50 centimetres and detailed soil data sheets (e.g. material type, physiography etc.) were filled out at each sample station. In, addition, 4 stream sediment samples were taken. This phase of work took 15 person days.

A Bombardier track mounted power screw auger drill was used to collect samples for rock chip logging and geochemical analyses in areas of thick overburden cover. Sylvain Fleurant of Dawson City was contracted to complete this work during the periods June 4th to June 28th and July 31st to August 6th. A total of 65 auger holes successfully reached bedrock where the onsite supervising geologist took samples. Thirty-five holes failed to reach bedrock. Sample sites were situated every 200 metres on lines 400 metres apart. This program involved 44 person days of field time. Reclamation included the bucking of fallen or leaning timber from affected areas over a period of 7 man-days.

The geological fieldwork consisted principally of geological mapping all known outcrops of which are limited to an estimated 3-5 % of the total property area. Mapping was compiled at 1:10,000 scale and utilized approximately 36 field person days. During the course of this program, 76 rock chip samples were collected.

A one-week trenching program utilizing a Caterpillar 225 backhoe was undertaken on Aurex 57, 58, 59, 60 and 101 quartz claims. Local Mayo contractor, Wilf Tuck completed the work in a safe and responsible manner. Five trenches, totaling 290 linear metres were cut to an average depth of 1.8 metres. A sixth trench, TR00-02 failed to reach bedrock. Trenches were hand cleaned, mapped at 1:500 scale and systematically chip sampled (113 rock chips) taking approximately 26 field person days.

7.0 REGIONAL GEOLOGY

7.1 Introduction

The regional geology of the Mayo district, of which the Aurex property and Keno Hill-Galena Hill area is a part was described recently by Murphy (1997) and in the past by McTaggart (1960), Kindle (1962) and Boyle (1965). Collectively they described the local geology as comprised of three main units. These are, from structurally higher to lower position: the Upper Schist formation, the Keno Hill Quartzite formation, and the Lower Schist formation.

Figure 3 gives the general distribution of those rock types within the Mayo district (includes the Aurex property) and the Keno Hill mining district. Figures 4a and 4b include more detail and have been adapted from work completed by earlier explorers. The schematic cross-sections (4b) done by the author depict a synopsis of geological evolution over an 80 kilometre distance from the east side of the Keno Hill silver-lead-zinc lode vein faults, past the arsenic-gold vein faults on Aurex Hill to Mount Haldane where Keno Hill-style vein faults are known to exist.

The consolidated rocks underlying the Aurex property and surrounding area are mainly sedimentary and include various types of schists, phyllites, argillites, limestone (marble) and quartzites of early Paleozoic age (Yukon Group). Conformable gabbro-diorite lenses and sills, of slightly later age occur throughout the sedimentary strata, and a few narrow quartz-biotite granodiorite and quartz-feldspar porphyry sills, of suggested Cretaceous age, are present locally. Granitic plutons crosscut the sedimentary rocks and gabbro sills at several locations; east of Mayo Lake, northwest of Hanson Lake and south and east of Dublin Gulch. The Roop Lake Pluton is of granodiorite, granite porphyry composition and is located 30 km east of the Aurex property.

On Aurex Hill and the surrounding area the sedimentary rocks dip gently south and are cut by early and late brittle fault zones. Most of the early faults strike northeasterly, generally dip steeply southeast, and contain lead-zinc-silver lodes at Keno and Galena Hill, high grade silver at the Silver King Mine, and gold-arsenic-antimony-bismuth mineralization at Aurex Hill. Most of the late faults strike northwest, dip southwest, and offset the early faults. The age of these faults is uncertain, but as they are cut by the quartz-feldspar porphyry dykes and sills at Keno Hill and Galena Hill, they are probably Cretaceous or younger (Boyle 1965). The last recorded movement on these faults is likely post-Cretaceous.

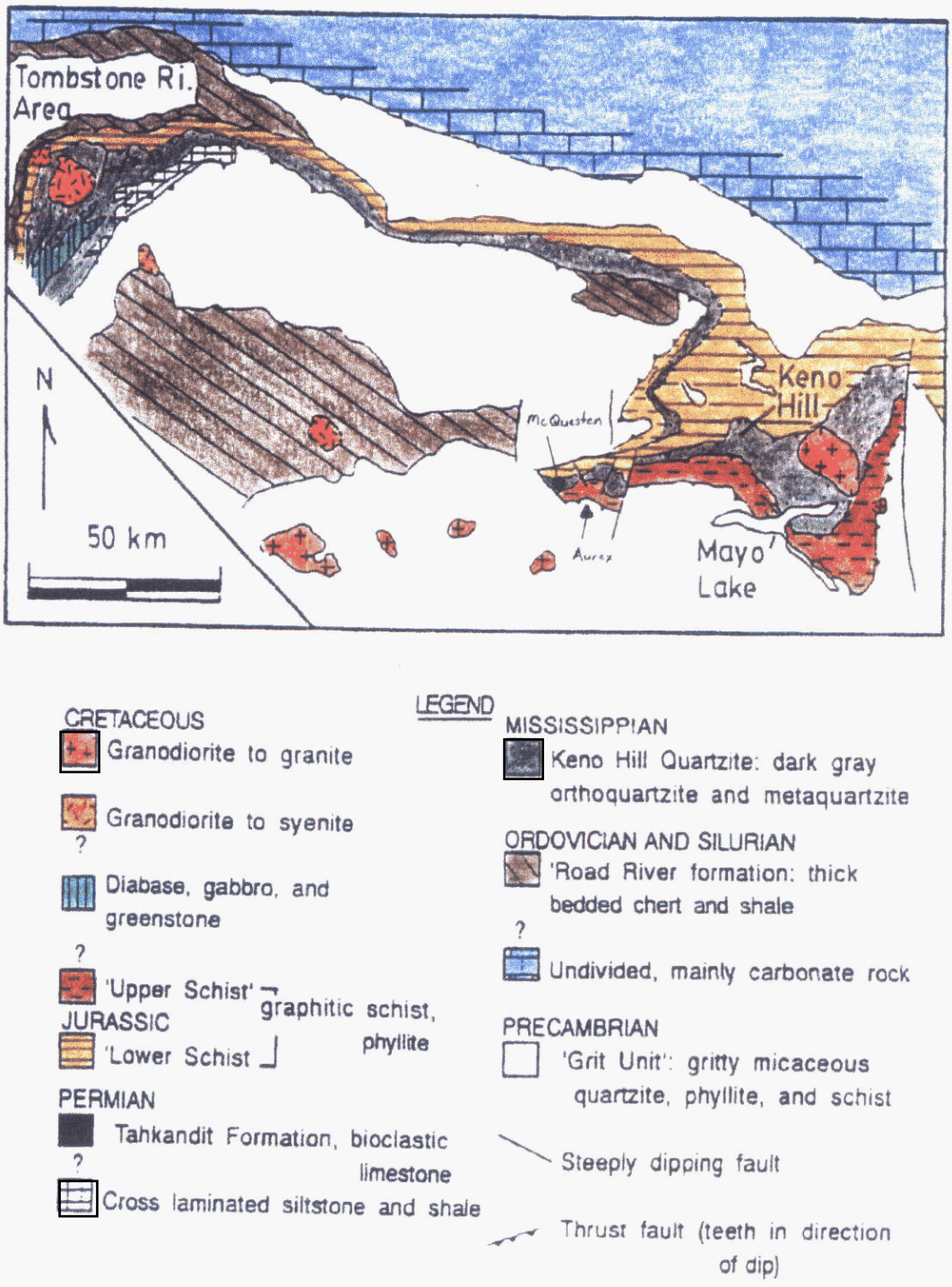


Figure 3

Regional Geology (modified from Lynch 1989)

Figure 4a

Generalized Geology of the Mayo – Keno District

(see legend on Figure 4b)

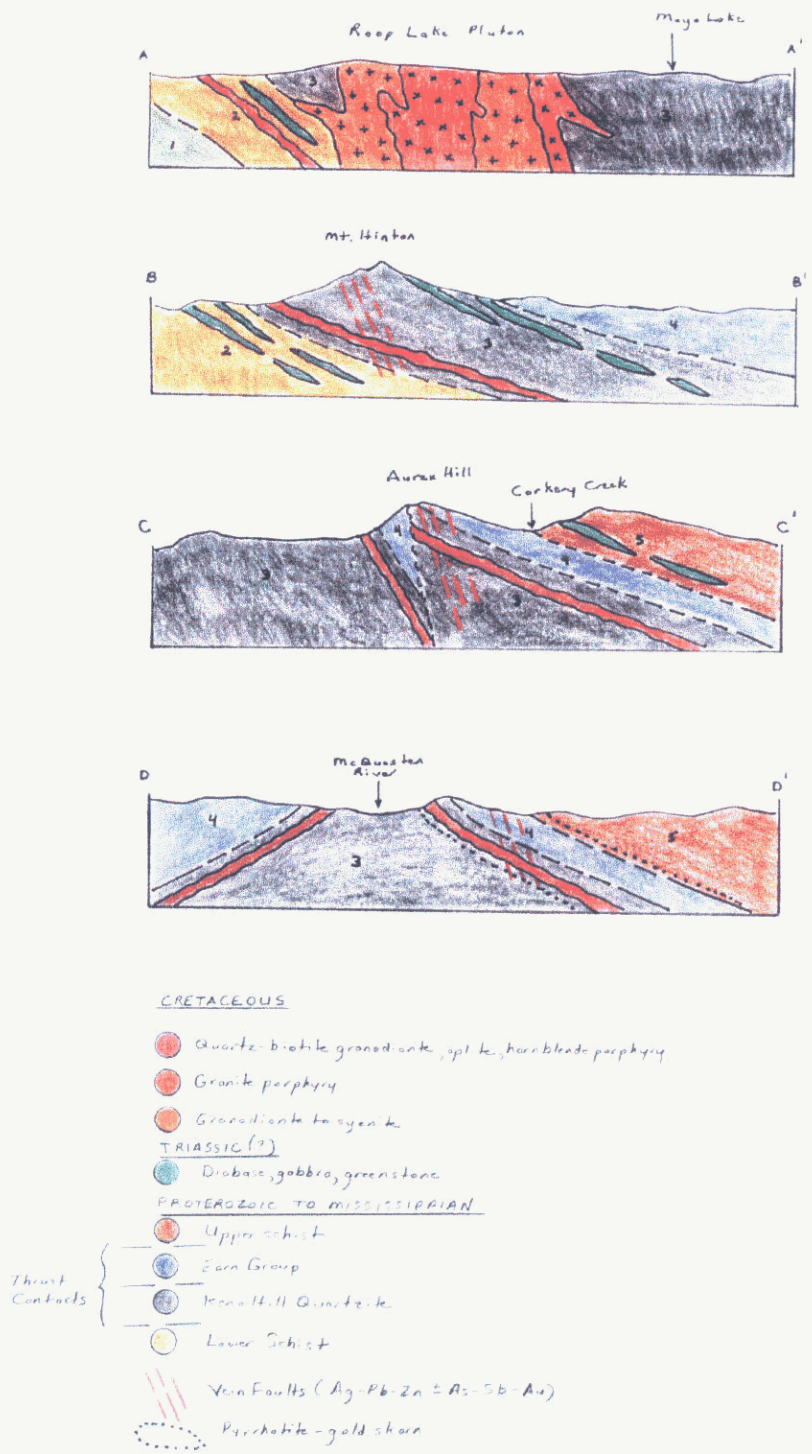


Figure 4b

Generalized Cross-sections of the Mayo-Keno Hill District

The following detailed summary was adapted from Brownlee 1998 and includes work adapted from Murphy 1997.

7.2 Stratigraphy

- The property lies in the Selwyn Basin, a deep water sedimentation basin that persisted from Late Proterozoic to Middle Devonian (Gordy and Anderson 1993)
- In the McQuesten region, the Selwyn basin is made up of Late Proterozoic Hyland Group comprised of variably deformed, gritty meta-clastics; the property area is underlain by the Yusezyu Formation of the Hyland Group that has been described by Murphy 1997 as " a monotonous succession of variably deformed fine to coarse-grained meta-clastic rocks" comprised of muscovite-chlorite phyllite, quartzo-feldspathic and micaceous - psammite, gritty psammite and rare calc-silicate rocks; in the west the Narchilla Formation of the Hyland Group overlies the Yusezyu Formation and is comprised of maroon to green phyllite, grey-green meta-sandstone and sandy limestone
- The Robert Service Thrust of Jurassic-Cretaceous Age has thrust the Yusezyu Formation over the Devono-Mississippian Earn Group and the Mississippian Keno Hill Quartzites; the thrust is described as a discrete planar fault surface, with unknown displacement direction (Murphy 1997)
- The Earn Group, is made up of two map units in the McQuesten and surrounding areas, a lower map unit consisting of grey carbonaceous phyllite, siliceous carbonaceous meta-sandstone, rare calcareous meta-greywacke; the upper map unit is inferred to be felsic metavolcanics comprising a foliated quartz-sericite-chlorite phyllite with local mm-scale quartz augens with minor grey carbonaceous phyllite; the Earn Group is overlain by the Mississippian Keno Hill Quartzites comprised of variably foliated greyish, vitreous quartzite, subordinate dark, grey carbonaceous phyllite and calcareous quartzite.
- The Earn Group and Keno Hill Quartzite Groups are intruded by Triassic concordant lenticular bodies of meta-gabbro, thought to be remnants of sills pulled apart during an earlier strain event

7.3 Structure

- The entire package of rocks has been deformed by the Tombstone strain zone (TSZ) dated at 142 Ma, K-Ar; a blind zone underlying the Tombstone Thrust; this zone is several kilometres in thickness, comprised of a block of highly deformed rocks extending upwards from the Tombstone Thrust through the Earn Group and the Keno Hill Quartzites into to Yusezyu Formation in the hanging-wall of the Robert Service Thrust; the strain zone is characterized by prominent strain foliation, lenticular nature to certain beds, asymmetric boudinage, isoclinal folding and a slight increase in regional metamorphic grades. The TSZ has also caused the surface trace of the Robert Service Thrust fault to be repeated several times in the McQuesten property region either through isoclinal folding or fault imbrication of the thrust.

- The entire sequence has been broadly folded into the broad west-southwest plunging McQuesten Antiform; the surface trace of the axial plane is inferred to lie within the center of the McQuesten River Valley. The axial trace is thought to be faulted by a south side up reverse fault along much of its trace in the Mt. Haldane - Galena Hill area, based on the distribution of the Keno Hill Quartzites on the north and south sides of the McQuesten River

7.4 Intrusions

- Intruding this package are numerous dykes, sills, small plugs and stocks of the Tombstone Intrusions of early to late Cretaceous age (90 to 94 Ma, Murphy 1997). Additionally McQuesten intrusions (68Ma) are known to exploit the McQuesten antiform; additionally McQuesten Intrusions (68Ma) exploit the axis of the McQuesten Antiform
- In the McQuesten property region, suggested Tombstone intrusions are primarily comprised of quartz bearing porphyritic biotite +/- hornblende granite and granodiorite and seem to occur at all stratigraphic and structural levels (?). It has been suggested that the intrusions crystallized at shallow crustal levels. Associated with these intrusions are related grey weathering calcareous biotite-rich " lamprophyre" dykes
- Several structures are noted in the Tombstone intrusions, in the form of veins, sheeted veins and dykes occupy a wide range of orientations, with a dominant east-southeast trend

7.5 Mineralization

- The Tombstone intrusions are economically important in the region as they commonly host veins with quartz-potassium feldspar +/- scheelite-sulphide veins and are anomalous in gold, silver, bismuth, arsenic, tungsten, molybdenum, copper and antimony (Murphy 1997). Similar veining occurs at Dublin Gulch, 98.6 Mt @ 1.2 g/t Au, Smit et al 1996.
- The Keno Hill mining camp lies within a 23 kilometer long by 6-kilometer wide north east-trending belt comprised of easterly trending silver-lead-zinc mineralized vein faults with steep southeast dips. These vein faults cut the Earn Group, Keno Hill Quartzites and the overlying Yusezyu Formation. Hanging-wall and foot - wall breaks predate the main silver-lead-zinc event, and contain gold-bearing quartz-arsenopyrite-pyrite mineralization.

8.0 PROPERTY GEOLOGY

8.1 Introduction

The factual geological data including various rock types on the Aurex property and surrounding area and are plotted on Plates 1 and 4 (West and East sheets). Alteration and mineralization are plotted for the West sheet on Plate 2 and our interpretation appears on

Plates 3 and 5 for both West and East sheets. Rock types are listed with respect to formation names in Table 2. Previous explorers have grouped the rocks within the map area and surrounding areas into three formations on a lithological basis: the lower schist formation, the central quartzite formation, and the upper schist formation. Each of the formations can be further subdivided, into distinctive members with subunits.

On Aurex Hill the *upper schist formation (Units 5 and 6)* includes a lower sequence (Unit 5) of rocks comprised mainly of quartz-sericite schist, quartz-eye muscovite schist, calc-silicate sediments and silver phyllite. Along the valley of Corkery Creek and beyond to the south, the upper sequence (Unit 6) is made up of graphitic schist, phyllite, thin-bedded quartzite, argillite, quartz-mica schist and limestone.

The *central quartzite* does not occur on the Aurex property but occurs on adjacent properties to the north. In the vicinity of the Silver King Mine, 1.6km to the north there is a lateral transition west from the thick-bedded quartzites to graphitic schists, phyllites and thin-bedded quartzites to the west and south.

The most distinctive members in the upper schist formation are the competent calc-silicate, pyrrhotite-bearing horizons, together with the brittle quartz-eye siliceous-muscovite schists that is typically a green muscovite schist. Both of these units are favorable hosts to mineralization. In general, the various schists, phyllites, argillites and thin-bedded quartzites in the upper schist formation are structurally incompetent and unfavorable for the occurrence of mineralization. Minor gabbro sills occur throughout this formation that are similarly favorable sites for mineralization.

The historical trenching and drilling that was done has shown that these assumptions can be made with some confidence on and near the tops of hills. Most contacts were located by considering float boulder trains, detailed structural data and airborne magnetic and EM survey results. Many of the lithologic contacts are interpretive, at best, and errors may exist of several hundred feet.

The detailed descriptions that follow describe mainly rocks on the Aurex property, with brief descriptions of the rocks in adjacent areas, as some of these have a significant impact on the mineralization-forming processes to be considered.

The principal sedimentary rocks in the area are quartzites, phyllites, schists, argillites and limestones (marbles). The intrusive rocks are meta-gabbro, meta-diorite, quartz-biotite-granodiorite, granite, quartz-feldspar porphyry, hornblende porphyry, syenite and a few biotite lamphrophyres.

Most of the sediments fall into the low-grade greenschist or quartz-sericite-muscovite facies of metamorphism. Next to granite intrusions, calc-silicate skarn and hornfels occurs. The Robert Service Thrust zone, 250-1000 metres north of the northern claim boundary of the Aurex claims has created an additional extensive, shear - induced metamorphism where low angle shear planes have facilitated diffusion of hydrothermal fluids. The Aurex property hosts a series of pyrrhotite-gold skarn lenses, where regional shear foliation clearly controls pyrrhotite mineralization.

Table 2: List of Formations

Mesozoic

9 Quartz-feldspar porphyry dacite(hypabyssal equivalents of Unit 8-Cretaceous)
8 Quartz-biotite granodiorite (Cretaceous)
7 Diorite, gabbro (Triassic?)

UPPER SCHIST FORMATION (5,6) is the Devono-Mississippian Earn Group is thrusted over the Mississippian Central Quartzite Formation by the Robert Service Thrust fault

6 Graphitic schist, graphitic phyllite, thin-bedded quartzite, argillite, quartz-mica schist, limestone(marble)
- *6a* *Graphitic schist*
- *6b* *Graphitic phyllite*
- *6c* *Thin-bedded quartzite*
- *6d* *Argillite*
- *6e* *Quartz-mica schist*
- *6f* *Limestone(marble)*

5 Quartz-sericite schist, quartz-eye siliceous-muscovite schist, marble, silver phyllite
- *5a* *Quartz-sericite schist*
- *5b* *Quartz-eye siliceous-muscovite schist*
- *5c* *Marble*
- *5d* *Silver phyllite*

ROBERT SERVICE THRUST FAULT

CENTRAL QUARTZITE FORMATION (3,4) Mississippian

4 Thick-bedded quartzite, thin-bedded quartzite, graphitic phyllite, graphitic schist, argillite
- *4a* *Thick-bedded quartzite*
- *4b* *Thin-bedded quartzite*
- *4c* *Graphitic phyllite*
- *4d* *Graphitic schist*
- *4e* *Argillite*

3 White to pale grey, thick-bedded cherty quartzite

ROBERT SERVICE THRUST FAULT (exploited by felsic intrusions and hornblende porphyry)

LOWER SCHIST FORMATION (0,1,2) of Late Proterozoic age (?) has locally been thrust over the Mississippian Central Quartzite Formation and the Devono-Mississippian Earn Group

2 Quartz-sericite schist
1 Graphitic schist, graphitic phyllite, thin-bedded quartzite, argillite, calcareous schist(includes pelite schists)
- 1a graphitic schist
- 1b graphitic phyllite
- 1c thin-bedded quartzite
- 1d argillite
- 1e calcareous schist (pelitic schist)

0 *Thick-bedded quartzite, thin-bedded quartzite, phyllite, graphitic schist, meta-siltstones*
- 0a Thick-bedded quartzite
- 0b Thin-bedded quartzite
- 0c Phyllite
- 0d Graphitic schist
- 0e Meta-siltstone

8.2 Soils and Glacial Deposits

The soils in the Aurex property area fall into four general types: (1) residual soils, (2) muck, peat, (3) glacial till, (4) glaciofluvial. Over much of the area the soils and glacial deposits are permanently frozen below the top few inches.

The hills at or above 1006 metres elevation were severely glaciated during Pleistocene time by ice-sheets that spread from the east, over the entire area. Glacial till, gravel and other debris lie in a series of benches on the side slopes of the hills and floor the valleys. These deposits are generally 1.5-10 metres thick, but in some areas on the north side of the slope facing Corkery creek, they are 10-20 metres, or more. For further details of the composition of the glacial deposits and soils over the area refer to Lavin 2000.

The north-facing slopes of the property area are permanently frozen. The permafrost is irregularly distributed and its occurrence is dependent upon the elevation, hillside exposure, depth of overburden, amount of vegetative cover, and presence of flowing underground and surface water. At high elevations and on slopes with northern exposure it is generally present. On the northwest side of Aurex Hill, where trenching was attempted in this year's exploration program, permafrost was encountered in three of the five target trenches. This hampered the effective testing of anomalous soil and bedrock geochemistry and hindered defining the area for bedrock lithologies, structure and mineralization controls.

The effects of frost action, and soil creep are common on the hills below 915 metres. Frost action is responsible for boiling action that brings rock float and soil from deeper layers to the surface. These areas were mapped and sampled where appropriate, which facilitated mapping where outcrop was sparse. On steep slopes, land creep transported float downhill in places 30 metres or more, making the accurate mapping of contacts difficult. A gold-rich arsenic-antimony boulder located on the north side of Corkery creek was likely transported through land creep from near the Aurex Hill area where similar mineralization is known to occur.

The residual soils are limited and were developed from the bedrock on which they lie and in part are remnants of decomposed glacial till. The west side of Aurex Hill has good quality residual soils where conventional soil sampling proved to be effective. The muck and peat are best developed on the north slopes of hills below 915 metres elevation and on low-lying poorly drained ground.

The glacial deposits floor the main valleys and form benches on the lower slopes of the hills. They range in thickness from less than 1.0 metre to 15 metres or more and consist of till, glacio-fluvial deposits, glacio-lacustrine gravel, sand, silt and layers of peat. Aurex Hill is underlain by a till blanket ranging in thickness from one to seven metres. Sag ponds, areas of thicker till deposits, occur where structural complexity has created graben features.

8.3 Rock Types

8.3.1 Argillite, Slate, Phyllite and Schist

In this group the schists are the most abundant, followed by phyllites and argillites. The *argillites* occur in beds ranging in thickness from a few centimetres to 3.0 metres or more and are generally interbedded with the various types of schists, phyllites and quartzites. They are exposed along Corkery Creek and exhibit a poorly developed cleavage, parallel to bedding. Commonly they are brecciated, tightly folded, contorted and crushed and can contain quartz-carbonate stringers. Boudins of early metamorphogenic quartz may also occur, but are rarely as abundant as in the schists and quartzites.

In hand specimens most argillites are dense black and contain abundant carbonaceous material and fine-grained pyrite, with minor amounts of quartz and carbonate. The banded texture has limonite and muscovite along foliation-shear planes with pyrite along particular bands and locally as coarser blasts.

Mineralogically, the *phyllites* are essentially the same as the argillites and are far more common throughout the property. They are a little coarser grained and exhibit a conspicuous silky silver sheen on cleavage surfaces. Most are greyish or buff; some are black and contain abundant carbonaceous, material and pyrite (graphitic phyllite). Field observations show that most are highly deformed, and show warping, drag folding, tight axial planes and local brecciation and crushing. These rocks generally contain quartz and carbonate and boudins of quartz may also exist in this type.

There is little evidence of residual clastic grains or primary sedimentary features. Some argillites, however, exhibit a fine bedding lamination.

The varieties of *schist* found in the area include graphitic schist, quartz-sericite schist, quartz-eye siliceous-muscovite schist and chlorite schist. All are highly foliated and exhibit many crenulations and small drag folds. Boudins and stringers of milky white quartz are common between schist layers, in small fractures and along bedding planes.

The graphitic schists weather easily to crumbly masses of black schistose fragments and tend to form recessive gullies. They generally form thin beds ranging in thickness from a few centimetres to several metres and are everywhere intercalated with phyllites, or thick- and thin-bedded quartzites. In hand specimen they are black, sooty graphitic, pyritic and exhibit well developed schist planes that often show slickenside surfaces parallel to or discordant to the schist plane. Pyrite blasts or megacrysts form distorted cubes and tends to be concentrated in deformed, shear planes.

The quartz-sericite schists also weather easily and form few prominent outcrops except for those that dominate the Aurex Hill. All occurrences exhibit a marked schistocity and are dragged, crenulated, crushed and brecciated and can contain numerous small stringers and boudins of white quartz. In hand specimens they are buff yellow or mottled apple green and have a silvery luster when wet. The green muscovite (?) variety locally has clear to blue quartz-eyes measuring 2-4 millimetres, totaling 15% by volume, occurring

between schist layers. These generally form definable units and range in thickness from less than one metre to greater than five metres.

8.3.2 Quartzite

Quartzites occur throughout the sedimentary sequence, but tend to be concentrated in well-defined bands in various formations. Both thick- and thin-bedded varieties are present. The thick-bedded variety comprises beds ranging from 1 to 10 metres in thickness; thin-bedded varieties occur in beds several centimetres or more. Both varieties are interbedded with assemblages of schist, argillite and phyllite. All thick-bedded quartzites, located one kilometre to the north of Aurex are well jointed and yield large erosional remnants. The thin bedded varieties, common on the south side of Corkery Creek, are generally contorted and drag-folded. Boudins and stringers of white quartz are common in both varieties.

In hand specimens the fresh quartzites are white to grey and have a subtle schistose appearance. Some are fine-grained, pasty and resemble recrystallized cherts. On weathered surfaces most of the quartzites are buff, but others are grey or white.

8.3.3 Limestone (marble)

Limestone (marble) is minor in many of the formations. They occur in irregular layers, lenses in the upper schist formation in the upper headwaters of Corkery Creek. A few beds up to several centimetres or more thick occur within the central quartzite formation. Up Corkery Creek, the limestone (marble) beds are locally contorted and fractured and are cut and replaced by iron carbonates in the form of veinlets and irregular lenses of iron-carbonate, commonly dolomite.

In hand specimen, the fresh limestones are grey to black; some varieties are banded with greyish layers locally alternating with layers of white iron-carbonate and bleached marble layers. Most varieties weather buff, but a few, particularly black varieties weather greyish- black. The only indication of original sedimentary features is well-marked compositional layering.

Locally white, buff layers comprised of iron-carbonates host disseminate pyrite-limonite in grains from one to three millimetres. These samples tend to be enriched in arsenic, suggesting arsenical pyrite. The darker black variety contains more carbon, while the paler siliceous variety hosts more quartz, iron carbonate and sericite. Silicified, locally decalcified limestone was found only in float on the south side of Corkery Creek.

8.3.4 Calc-Silicate Skarn

Calc-silicate skarn horizons are developed throughout the Aurex property where reactive calcareous schists, and limey units of the upper schist formation have undergone intense

shear strain and or are near unknown buried intrusions. Similar horizons are developed in the vicinity of granitic intrusions on adjacent properties.

The calc-silicate skarn horizons occur as beds, irregular bodies, and in discontinuous lenses that appear to have resulted from the contact metamorphism of limey horizons, and from shear-induced metamorphism, where intense shear strain related to the Robert Service Thrust fault to the north has created enhanced diffusion rates along reactive layers in the sedimentary strata. Most bodies are derived from calcareous schist and calcareous quartzites rather than true marble horizons.

The rocks are greenish to greenish-brown, coarse to medium grained, and dense and hard with a pronounced banding appearance. A wide assortment of minerals is suggested in hand specimen. From historic thin section examination, the predominant minerals are diopside, fibrous amphibole, scapolite, quartz, carbonate minerals, plagioclase and epidote. Accessory minerals include sphene and apatite. Scheelite may occur as subhedral to anhedral crystals. This mineral is generally disseminate throughout the groundmass but tends to occur in the carbonate or quartz rich parts. Pyrrhotite is abundant in all of the calc-silicate beds and lenses. It occurs as blebs distributed along the shear foliation and in the fine-grained groundmass and as coarser aggregates in quartz-carbonate veins. Where pyrrhotite is present in quantity, the lenses generally carry gold in values ranging from 0.5 to 6.5g/t Au.

8.3.5 Gabbro and Hornblende Porphyry

The *gabbros* are schistose, dark green rocks that occur in conformable lenses and sills, principally in the central quartzite formation on properties adjacent to the Aurex property and to a lesser extent in the upper schist formations. The gabbros weather resistantly when compared to all other rocks and form prominent knobs and ledges with a jointed and blocky appearance. In hand specimen the texture is diabasic with coarse-grained amphibole as lath-like crystals. These rocks are dominantly strongly magnetic. Locally gabbro contacts have localized shearing and resultant alteration and mineralization where amphibolite grade metamorphism (hornblende, actinolite, chlorite, silica) and abundant disseminated pyrrhotite are characteristic. Outside of intensely sheared areas they commonly contain abundant calcite, chlorite and quartz. A glassy pervasive fine-grained silica is locally present where intense shearing has occurred. Where pyrrhotite is present in quantity, the lenses can carry gold mineralization. These bodies are more abundant to the north on adjacent properties.

The *hornblende porphyries* are grey to speckled white-greyish rocks with 25%, 1-3 millimetre black hornblende phenocrysts and occur to the north on adjacent properties as conformable sills, principally within the central quartzite formation. The hornblende porphyries are jointed and have localized shearing and resultant intense alteration and mineralization including pheno-selective carbonatization of hornblende followed by pseudomorphs of pyrite and/or pyrrhotite. Where cut by cross-fractures and shears the rock is strongly bleached to a pale buff colour due to iron-carbonates, clay, and sericite alteration.

8.3.6 Granitic Rocks

Granitic rocks are poorly exposed within the map area. However, outside of the map area, systematic sampling and limited age dating by others suggest that granitic rocks in this area are of Cretaceous age (91.6Ma, Brownlee 1998). The granitic rocks were intruded into a series of formations and as mentioned previously, have produced a certain degree of metamorphism in the calcareous sediments resulting in calc-silicate skarn horizons.

The granitic rocks outside of the map area range in composition from granite to granodiorite to quartz diorite. Most are medium grained to fine-grained; locally porphyritic and aplitic phases are present. At Aurex Hill, pegmatite veins were intersected in historic RC drill holes. In Trench AX00-1, narrow (7-12 centimetres), sheared pegmatite veins were exposed and returned anomalous values in arsenic, antimony and gold. Elsewhere on Aurex Hill, similar veins with arsenopyrite and gold mineralization occur.

Granitic rocks on the adjoining properties are marked by apophyses in the form of granodiorite sills, and aplitic phases. Veins containing arsenopyrite, pyrite, and gold are known to cut these granitic rocks. Within the granitic rocks and near their contacts, small stockworks of quartz veins carrying crystals of scheelite can occur.

The granitic rocks are grey on fresh surfaces to buff where altered and deeply weathered. In hand specimens the rock is comprised of quartz, plagioclase, biotite, muscovite and hornblende. The biotite occurs as felted masses, 2-3 millimetres in size, and totaling 10% by rock volume. Locally abundant muscovite occurs as coarse disseminations throughout the matrix as a result of alteration of the plagioclase component, although at times the coarse muscovite phenocrysts and the paucity of biotite suggests that the biotite has been pseudomorphed by muscovite through alteration effects. Disseminated pyrite seems to be an important accessory mineral totaling 5-8% by volume.

The mineralization known to date on Aurex Hill, together with pegmatite veins suggests that a granitic mass is proximal to this area.

8.3.7 Quartz-Feldspar Porphyry

Whilst there are no known quartz-feldspar porphyries in the immediate vicinity of Aurex Hill, previous explorers describe a series of quartz-feldspar porphyries that occur as poorly exposed sills on the north and northeastern slopes of Keno Hill, and on the south and western slopes of Galena Hill, located 1.5 kilometres to the east of the Aurex ground. The southern slope of Mount Haldane, located one kilometre from the northwestern corner of the Aurex ground also has such rocks. They crosscut the gabbro and diorite sills and therefore, are younger than these rocks. In a few places the porphyries are cut and offset by the siderite veins. The age relationships of the porphyries and the various granitic bodies are unknown, however thin-section work by Boyle in 1965 revealed a well developed porphyritic texture in most specimens, with phenocrysts of quartz,

feldspar, *biotite* and chlorite set in a fine- to medium-grained groundmass of quartz, plagioclase, muscovite and chlorite. The above description equates to a fine-grained quartz-biotite granodiorite, a hypabyssal equivalent of the quartz-biotite granodiorite intrusions seen at the McQuesten trenches that were age-dated at 91.6Ma (Brownlee 1998).

8.4 Structural Geology

The sedimentary strata throughout the Aurex property have an average dip of 35^0 S, whilst near the summit of Aurex Hill, beds dip an average of 70^0 S. On Galena Hill, to the east of Aurex Hill, the strata have an average dip of 20^0 S. The Aurex Hill is transected by numerous low-angle faults and other complexities. Additionally, a periodicity in stratigraphy to the south of the Aurex ground suggests that the stratigraphy of the area might well be more complex, involving a series of broad, open folds. The surface trace of the Robert Service Thrust is repeated several times on the McQuesten property to the north of the map area. This repeat is the result of isoclinal folding and/or fault imbrications of the thrust (*see* Figure 5).

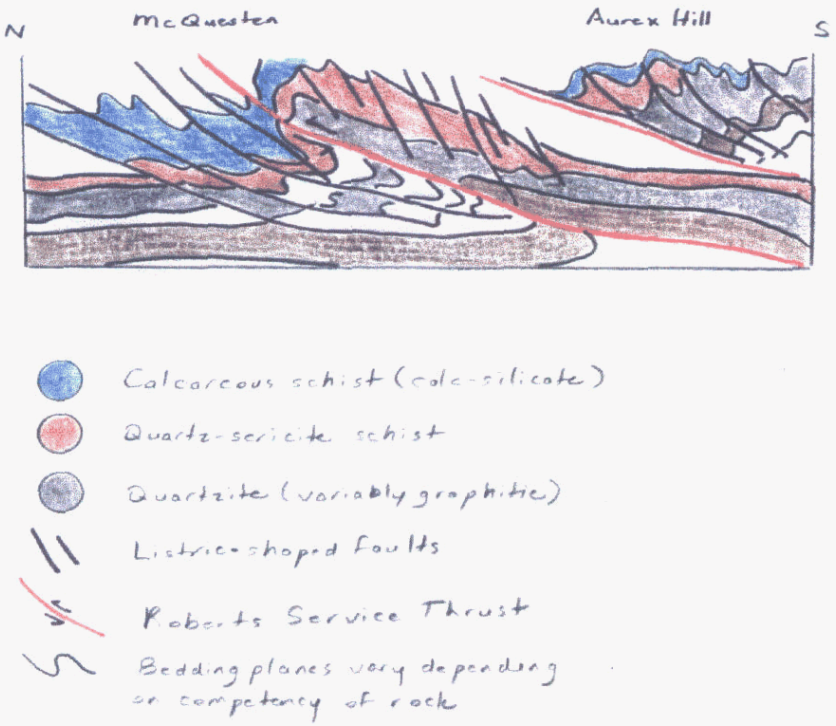


Figure 5

Schematic - Depicting the Nature of the Robert Service Thrust

There are at least two types of faults that occur within the map area: those that contain major concentrations of ore minerals, called 'vein faults'; and those with small amounts of ore minerals, generally of supergene origin, called cross-faults, bedding faults, etc. A summary of the structure of the region can be seen in Figures 6 and 7. In general, the detailed stratigraphy cannot be worked out due to extensive drift cover, but the author (Caira) has attempted to, nonetheless *(see* Plates 3 and 5). The surface traces of both types are shown on the compilation of the map area (*see* Plates 3 and 5).

A Field mapping and magnetic-electromagnetic map examination by J. Wright, Geophysicist of Newmont Exploration indicates that there are at least three ages of faulting present. From oldest to youngest these are:

(1) Early low angle bedding faults
(2) Vein faults. These map show more than 1 period of movement (e.g. Silver King fault, and the Aurex Hill fault)
(3) Late cross-faults, low angle faults and bedding faults that cut and offset 1 and 2 above.

The vein faults occur throughout the map area and surrounding areas in all types of rocks but differ in their nature where cutting through quartzites, gabbros, schists and phyllites respectively. Figure 6 is a schematic diagram that incorporates the Aurex property into an earlier structural synthesis by Lynch (1989).

In most of the more brittle units (e.g. quartzites, siliceous schists, and gabbros) the faults are composed of narrow fracture and sheeted zones, crenulated zones and narrow breccia zones. The sheeted and fracture zones within the siliceous schists and quartzites, range from 2->30m in width and can be traced along strike for several 10's of metres. Locally more competent slabs of siliceous schist are separated by narrow clay-gouge filled fracture zones.

The breccia zones are composed of rock fragments that are angular and locally rounded in a clay-sandy matrix indicating attrition during fault movements. This type was present on the east auger lines in two sample sites. One of these sites was on Corkery Creek where a true fault breccia was obvious.

In the less competent schists, phyllites and thin-bedded quartzite vein faults are narrow, 10-20 centimetres in width and contain some gouge. The schist and phyllite wall rock is commonly dragged and contorted along these fault-fracture planes. This is common in the geological sections exposed along Corkery Creek.

These faults generally form a series of parallel to sub-parallel gouge or breccia-zones along which recurring movement has taken place. Slickensides on related fracture surfaces are common. Late faults seem to follow the same course as the early-mineralized faults. Field mapping indicates that the degree of competency and the tendency to form broken zones favorable to mineralization decrease according to the rock type in following order: thick-bedded quartzite, calc-silicate lenses, siliceous quartz-eye schist, gabbros, thin-bedded quartzites, phyllites and schists.

Nearly all of these faults strike northeast and dip southeast. This type of fault is suggested on Aurex Hill where a series of northeast - trending faults at their intersection with a northwest cross fault are coincident with gold-arsenic-antimony-bismuth mineralization. Elsewhere outside of the map area in the vicinity of Galena Hill, 1.5 kilometres to the east of Aurex Hill these faults strike between N35-80^0 E.

Cross, low-angle and bedding faults are similar in nature to the above - mentioned faults, only distinguishable when crossing each other. The early bedding plane faults are very common and are marked by contorted, crenulated schist beds between more competent quartzites or gabbros and were probably formed by early shearing along and between beds during folding. The low-angle faults are similar structures that follow bedding planes or schist beds and then cut across strata. The cross - cutting portion of the fault is generally marked by breccia zones, where mineralization can occur. These faults are related to earlier fold and thrust events along competent and incompetent beds during regional folding of the sedimentary strata. These faults are common throughout the map area and the surrounding area. These tend to be tight structures not amenable to mineralization unless favourable dilatent where crossed by other structures.

Figure 6

Schematic Structural Synthesis of the Region

(adapted from Lynch 1989)

The late cross faults are recognized as a series of slips, fractures and breccia zones several feet in width. The most common of these faults strike northwest to north-northeast and were recognized during the field-mapping, trenching and geophysical (Mag-EM) data interpretation processes. Additionally, lineaments on air photographs mark the traces of these faults, where they can control the unusually straight parts of streams.

The cross-faults strike northwest and dip southwest at 60 degrees. Locally northeast dips are present. There are several of these faults that transect the Aurex map area. At favorable intersections with northeast faults they can be mineralized. Within the map area these faults show drag features and elsewhere have been mapped as thrust faults. Horizontal displacements range from a few metres to several hundreds of metres. Within the Aurex map area these northwest-striking faults are right-hand faults with dominant horizontal displacements.

9.0 GEOCHEMISTRY

9.1 Introduction

In a summary report by Owen Lavin (Lavin 2000), Chief Geochemist, Newmont Mining Corporation of Denver Colorado describes the Aurex property as being overlain by a variety of surficial materials due to multiple phases of glaciation and subsequent weathering and mass wasting. He suggests that each geomorphological domain requires a differing approach to geochemical sampling (*see* Appendix D).

Lavin described the various deposits and recommended sampling procedures specific to the type of material as follows: Type A is comprised of shallow residual soil or thin draping glacial material on hilltops and slopes higher than the maximum extent of previous glaciations that can be conventionally soil sampled (e.g. west side of Aurex Hill); Type B occurs in low-lying and flat occasionally hummocky areas, within the maximum extent of the McConnell glaciation where up to 20 metres or more accumulations of clay, sand and gravels can occur (e.g. south side of Corkery Creek) where auger drill samples were required to drill through exotic cover to obtain a bedrock sample; Type C occurs in flood plains of tributary creeks above the maximum extent of McConnell glaciation (e.g. Corkery Creek valley) where <1 to >20 metres of alluvial, colluvial and mixed organic (swamp) deposits exist; and finally Type D in low-lying, swampy ground in major drainage valleys, within maximum extent of McConnell glaciation which host organic accumulations over glacial sediments where auger drilling was required to drill through the exotic cover to bedrock.

In summary, the auger drill was successful in obtaining a bedrock sample as follows: Type A-where glacial till veneer was greater than 1 meter and less than 7 metres, the rig was 100% effective; Type B-where glacial deposits were less than 25-30 metres thick and were devoid of hard cobbles greater than 5-8 centimetres, the rig was 100% successful; Type C-the rig was generally unsuccessful due to abundant, hard, alluvial boulders of

quartzite, gabbro, diorite; Type D-the rig was unsuccessful because of access problems due to swampy conditions. In addition, where bedrock lithologies were hard thick-bedded quartzites and/or suspected granitic masses, the rig was generally unsuccessful in obtaining a bedrock sample and where softer schists, phyllites occur, the rig was successful.

9.2 Glacial Deposits

The Aurex property and surrounding map area has been subjected to multiple phases of glaciation, the most recent being the McConnell, ending about 10,000 years ago. The glacial history of the area is well documented by Bond, 1997 and 1998 and has been summarized by Lavin, 2000. In summary, McConnell glaciers occupied the McQuesten River valley and extended up the mouths of major tributaries, such as Haldane Creek. As the McConnell glaciers retreated, meltwaters dumped suspended sediment in the valley. On higher ground (e.g. Aurex Hill) typically above 900 metres, these areas have been exposed to older glaciation and subsequent erosion. The deposits vary in thickness from one metre to fifteen metres or more and are composed of mainly till, glacio-fluvial deposits, glacio-lacustrine gravel, sand and silt, and layers of peat.

The tills, rarely more than one-half metre thick, are absent in places, but seem to form a thin veneer on top of Aurex Hill. They are grey to greenish buff and consist of a heterogeneous mixture of fine sand, clay, small particles of schist, quartzite and gabbro-diorite of local derivation. These fragments tend to be angular and relatively fresh. Lenses of gravel and sand are common in some tills, particularly on the south side of Corkery Creek. The gravels and sand lenses range in thickness from 20-30 metres and generally contain similar mineral assemblages as the tills.

The glacio-fluvial deposits are as much as 15 metres or more thick and include poorly sorted gravels and sand deposits which occur in eskers and glacial benches. Most of the pebbles and gravels are relatively well rounded to subangular and consist of quartzite, gabbro-diorite, granodiorite, and siliceous schist. These deposits dominate most of the areas outside of Aurex Hill, particularly to the north.

The glacio-lacustrine deposits range from 1 meter to several tens of metres in thickness. They commonly are unsorted, washed gravels with sand lenses and fine gravels. These deposits are common on the south side of Corkery Creek.

9.3 Soil Geochemistry

Previous work by Archer Cathro and Associates Ltd. for Expatriate Resources and by Newmont in 1999 covered a large portion of the Aurex claim block. Wenzyznowski, 2000 has documented these results. The results of the 2000 auger drill program has determined that up to 95% of these earlier soil samples reflect transported glacial material rather than true residual soil profiles.

A total of 139 conventional soil samples was collected on the Aurex property during the 2000 field program in areas where residual soils were suspected. Samples were collected at 200 metres intervals on lines spaced 400 metres apart. Sample locations and gold, arsenic and antimony results are plotted on Plates 6a, 6b, 6c and 6d.

The west side of Aurex Hill has residual soils that are well developed on schists enriched in coextensive gold, arsenic, antimony, and bismuth. The results of all other soil samples collected are deemed suspicious after areas of conventional soil sampling were twinned with the auger drill rig.

The soil overlying most of Aurex Hill is reddish and yellowish brown and contains fine sand, clay and minor humus and due to frost action angular fragments of siliceous schist and quartz veins are mixed with the soil. In the vicinity of quartz-pyrite-arsenopyrite mineralization; goethite, limonite and quartz vein clasts are common. The soils overlying graphitic schists are grey or black and contain small fragments of schist.

The most obvious anomalous pattern was defined by arsenic >200 ppm, antimony >5 ppm and gold >40 ppb. These levels resulted in an arcuate pattern encompassing the west side of Aurex hill where the till drape is thin, discontinuous to locally absent. To the East the till drape is thicker, ranging in thickness from 1-10 metres. Conventional soil sampling was ineffective here.

The high content of gold, arsenic, antimony and bismuth reflects the presence of the pyrite-arsenopyrite- antimony-bismuth sulphides with gold as defined in historical RC drilling and this year's trenching program. Similar veins are known to occur outside of the map area where granitic intrusions occur. Although there are no known granitic bodies on Aurex Hill, an east-trending magnetic high dominates the east side of the hill and sheared pegmatite veins returned anomalous values in arsenic, antimony and gold.

9.4 Auger Drill Program

Prior to launching into production mode with the auger drill rig, a single north-south orientation line was completed across the property extending from the north side of Aurex Hill near the Silver Trail Highway to the far south side of the hill near the Corkery Creek valley floor. Under the direct supervision of O. Lavin, the unconsolidated surficial material was defined in composition, thickness and relationship to underlying bedrock lithologies (i.e. residual soil vs till deposit vs bedrock material).

As a result of this first-pass survey a comprehensive sampling program was recommended that provided a minimum of 400 by 200 metre coverage of the Aurex property. Including the orientation line, 100 auger bedrock holes were drilled with sixty-five holes reaching bedrock. One bedrock sample was collected for each hole drilled. Sample interval ranged from 0.7 to 2.5 metres in thickness. Sample locations and gold, arsenic and antimony results can be found on Plates 6a, 6b, 6c and 6d. Sample procedures are defined by Lavin in Appendix D.

In summary, the auger bedrock samples on the initial orientation line over Aurex Hill returned anomalous values in gold, arsenic and antimony over a 900-metre distance. Arsenic values in the range of 341-2410 ppm, Au values in the range of .05-.52 g/t Au and antimony values in the range of 5-30 ppm are coextensive over the west side of Aurex Hill, an area of known soil and bedrock anomalism. Arsenic values continue to be anomalous well outside the gold and antimony anomalism. The most anomalous auger results on the property to date is gold to 0.52 g/t Au, arsenic to 2410 ppm and antimony to 30 ppm along the periphery of a previously RC drill tested area of known gold-arsenic-antimony mineralization in bedrock. Values in bedrock within this nearby 400 x 200 metre grid included gold in the range of 0.1-1.0 g/t, arsenic from 500-5500 ppm, antimony from 5-45 ppm and low bismuth values (<1 ppm). Overburden depths in the area were 1-3 metres. Additionally, parts of this area were effectively soil sampled. The last sample on this orientation line on Corkery Creek was at the bottom of 20 metres of organic muck/glacial material that returned values of 0.16g/t Au, 724 ppm As, and 37 ppm Sb.

Auger samples on the east side of Aurex Hill, 2.5 kilometres to the east of the above area returned highly anomalous arsenic values coextensive with weakly anomalous gold values. Strong clay - green sericite quartz-arsenopyrite bearing schists returned gold values in the range of 0.050-0.48 g/t Au, arsenic in the range of 300-6960 ppm, antimony in the range of 5-326 ppm, and bismuth from 0.5 to 1.92 ppm. Minor cadmium and zinc anomalism occurred here. This area is coincident with a series of projected northwest trending faults and an alteration zone interpreted from the Magnetic-EM geophysical data that measures 900 by 350 metres in the south near Corkery Creek. An east-trending magnetic high also transects this area.

9.5 Rock Chip Sampling

A total of 76 surface rock samples was taken from outcrops and/or rock float. Limited outcrop occurs in gullies and side slopes of major creek valleys. The sample locations and gold, arsenic and antimony results are plotted on Plates 6a through 6d.

Gold in calc-silicate horizons occurs in an area 600 metres north of the summit of Aurex Hill. Previous explorers trenched this area. The horizons are generally narrow, dense and hard composed of calc-silicate sediments with abundant pyrrhotite as disseminations and along shear planes. These skarn lenses have been known to contain to 1.0 - 6.5 g/t Au. The lenses have been thoroughly transformed into a metamorphic assemblage of diopside, actinolite, chlorite, quartz and plagioclase. The fact that they are not necessarily associated with fracture systems suggests that diffusion along permeable shear planes was the process responsible for their formation. To the south of the previously trenched lenses towards Aurex Hill north-northwest trending (137/54SW) axial planar fractures cut siliceous schists and calcareous sediments and returned values as high as 0.42 g/t Au and 2100 ppm As.

Highly elevated arsenic values ranging from 305-810 ppm with antimony values ranging from 10-127 ppm with coextensive low levels of gold occur along the south side of

Aurex Hill, just north of Corkery Creek. The bedrock in this area is a siliceous schist that is transected by northwest trending cross faults and north-northeast trending crenulation axial planes. The anomalism follows the east strike length of Aurex Hill for several kilometres. Towards the upper headwaters of Corkery Creek, samples returned arsenic values to >10,000 ppm with 28 ppm Sb and low levels of gold from bleached, pyritic marble with suggested arsenical pyrite(?). This area occurs to the west and partially overlaps an alteration zone defined by the Magnetic-EM geophysical survey together with the arsenic, antimony and gold anomalism in the east auger lines.

9.6 Summary of Geochemical Results

On Aurex Hill *gold, arsenic, antimony and bismuth* follow each other closely in the residual soils, and bedrock lithologies. In the latter, the contents of all elements are generally higher (0.1 to >1.0 g/t for Au, 500 to 8000 ppm for As, 30 to 213 ppm for Sb and 1-6ppm Bi), the greatest amounts being in the lithologies that show obvious quartz-arsenopyrite-pyrite mineralization. In the two formers the contents of both elements are generally lower (50 to 2500 ppm for As, and 10-50 ppm for Sb). The high contents of arsenic reflect the presence of arsenopyrite and arsenical pyrite that does not necessarily contain gold. The high contents of antimony and bismuth might reflect the presence of an antimony-bismuth sulphide or an iron-antimony sulphide or antimony tied up in the lattice with arsenopyrite. Antimony generally follows the higher gold and arsenic, although elevated antimony can occur without elevated arsenic or gold. Pyrrhotite as disseminations and shear plane controlled occurs in the calc-silicate horizons on Aurex Hill and along the north and south edges. These generally have elevated gold values.

10.0 TRENCHING

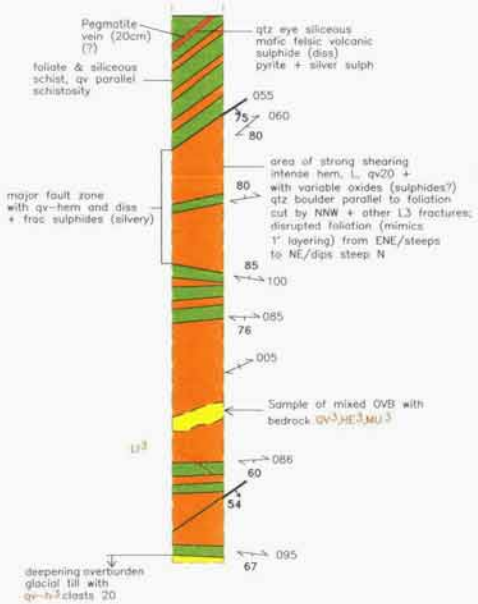
A one-week trenching program utilizing a Caterpillar 225 backhoe was undertaken in areas of soil and auger sample anomalism. Five trenches, totaling 290 linear metres were cut on the west and south side of Aurex Hill. A sixth trench, TR00-02 failed to reach bedrock. Trenches were hand cleaned, mapped at 1:500 scale and systematically chip sampled (113 rock chips). Detailed geology and sample results are plotted on Figures 7 to 10. The highlights of the trenching results are summarized below:

Table 3: Significant Trench Sample Results

Trench No.	Length	Target and Results	Comments
TR-AX-00-1	113.0 m	Target: .71g/t Au/2330 ppmAs/58 ppm Sb in soils; Results: 12m@0.81g/t Au, 4703ppmAs, 18ppmSb, 9ppmBi and 14m@.43g/t Au, 2713ppmAs, 19ppmSb, 6.1ppmBi	High As and Sb follows Au; (high Sb to 217ppm can occur as a halo to Au-As); Bi follows Au and As
TR-AX-00-2	25.0 m	Target: .050 g/t Au/2410ppmAs in auger hole and .080-.11g/t Au in soil; Results: permafrost hampered bedrock access	

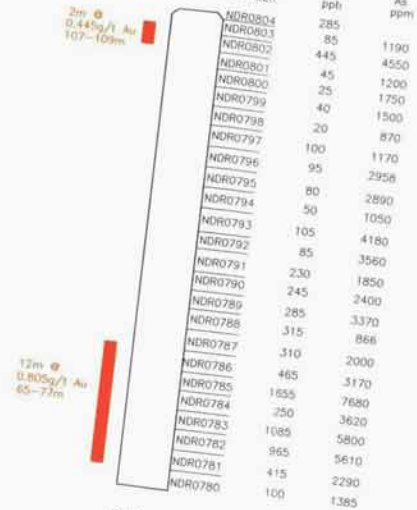
GEOLOGY

Road



TRENCH AX00-1

SAMPLE LOCATION AND ASSAYS



SAMPLE NUMBER	Au ppb	As ppm
NDR0804	285	
NDR0803	85	1190
NDR0802	445	4550
NDR0801	45	1200
NDR0800	25	1750
NDR0799	40	1500
NDR0798	20	870
NDR0797	100	1170
NDR0796	95	2958
NDR0795	80	2890
NDR0794	50	1050
NDR0793	105	4180
NDR0792	85	3560
NDR0791	230	1850
NDR0790	245	2400
NDR0789	285	3370
NDR0788	315	866
NDR0787	310	2000
NDR0786	465	3170
NDR0785	1655	7680
NDR0784	250	3620
NDR0783	1085	5800
NDR0782	965	5610
NDR0781	415	2290
NDR0780	100	1385

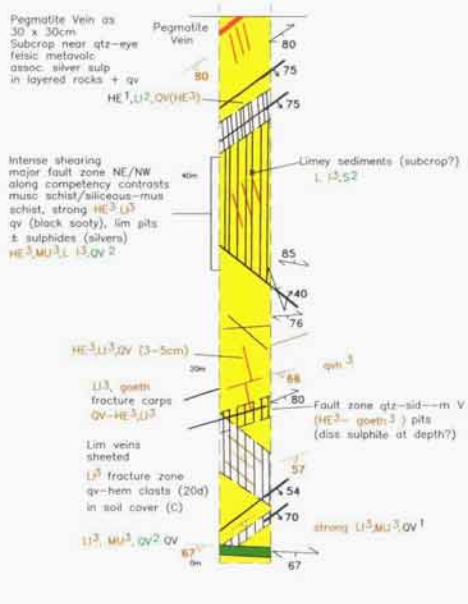
Road

	Au ppb	As ppm
0770	160	2750
0769	215	2370
0768	30	1250
0767	35	1315
0766	45	1200
0765	135	2370
0764	135	2030
0763	280	2740
0762	210	3050
0761	535	3850
0760	465	1790
0759	90	1605
0758	20	614
0757	785	4120
0756	400	3350
0755	695	3660
0754	35	1003
0753	145	4460
0752	140	3810
0751	115	1430
0771	65	518
0772	90	1430
0773	50	608
0774	45	1175
0775	10	493
0776	1105	1155
0777	55	758
0778	90	1140
0779		

TRENCH AX00-1

ALTERATION

Road



TRENCH AX00-1

GEOLOGY LEGEND

- Lt grey dolomitic marble
- qtz-eye siliceous schist
- pale grn-gry phyllite/ muscovitic
- dark grey phyllite

80 foliation
50 quartz vein
75 shear, fault

ALTERATION LEGEND

- Muscovite
- Biotite
- Chlorite
- Oxides, HE, LI

MU	Muscovite
CY	Clay
CL	Chlorite
LI	Limonite
PY	Pyrite
AS	Arsenopyrite
HE	Hematite

weak 1
medium 2
strong 3

Metres
0 5 10
1:500
NTS 105M 13

NEWMONT EXPLORATION OF CANADA LIMITED

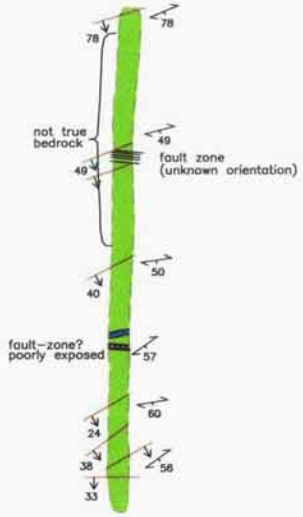
AUREX PROJECT, YUKON TERRITORY, CANADA, MOUNT HALDANE AREA
MAYO MINING DISTRICT

FIGURE 7

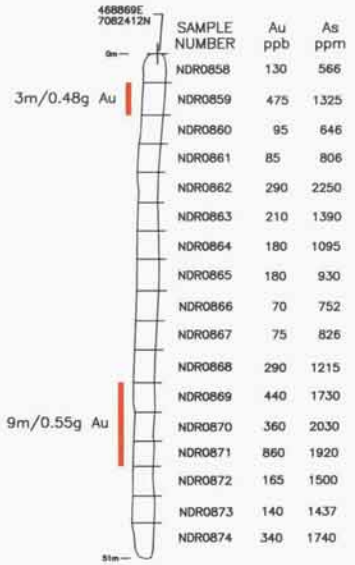
TRENCH MAP
TR AX00-1

Compiled By: R.Fiala	Control Network:	Coordinate System: UTM Zone 8
Drafted By: CanadianMining	Date Submitted: December, 2000	File Name: TRAX00-1.dwg

GEOLOGY



SAMPLE LOCATION AND ASSAYS



SAMPLE NUMBER	Au ppb	As ppm
NDR0858	130	566
NDR0859	475	1325
NDR0860	95	646
NDR0861	85	806
NDR0862	290	2250
NDR0863	210	1390
NDR0864	180	1095
NDR0865	180	930
NDR0866	70	752
NDR0867	75	826
NDR0868	290	1215
NDR0869	440	1730
NDR0870	360	2030
NDR0871	860	1920
NDR0872	165	1500
NDR0873	140	1437
NDR0874	340	1740

ALTERATION

GEOLOGY LEGEND

- Calcium–silicate
- Quartz eye siliceous phyllite
- Vein
- Foliation
- Fault

3mChips

ALTERATION LEGEND

- Muscovite
- Clay
- Quartz Vein

MU	Muscovite
CY	Clay
LI	Limonite
PY	Pyrite
AS	Arsenopyrite
PO	Pyrrhotite

Weak – 1
Medium – 2
Strong – 3

Metres
0 5 10
1:500
NTS 105M 13

NEWMONT EXPLORATION OF CANADA LIMITED

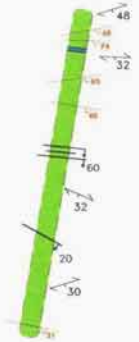
AUREX PROJECT, YUKON TERRITORY, CANADA, MOUNT HALDANE AREA
MAYO MINING DISTRICT

FIGURE 8

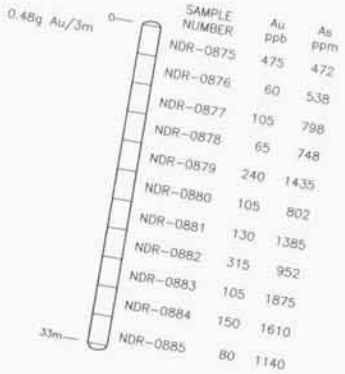
TRENCH MAP
TR AX00-3

Compiled by: R. Falle	Survey Interval:	Coordinate System: UTM83 Zone 8
Drafted by: Geodraft'ing	Date Received: December, 2000	File Name: AUX00-TR-3_SAMPLES.dwg

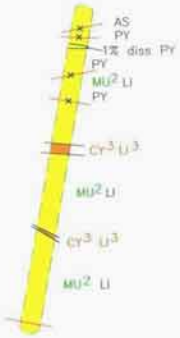
GEOLOGY



SAMPLE LOCATION AND ASSAYS



ALTERATION



GEOLOGY LEGEND

(quartz-eye) siliceous quartz Muscovite phyllite

calc-silicate

48 Foliation

20 Fault

Quartz Vein

3mChips

NOTE: Sample NDR-0886 is standard MS-2 (RMG-1)

Muscovite

Clay

Quartz Vein

MU	Muscovite
CY	Clay
LI	Limonite
PY	Pyrite
AS	Arsenopyrite

Weak[1]
Medium[2]
Strong[3]

Metres
0 5 10
1:500
NTS 105M 13

NEWMONT EXPLORATION OF CANADA LIMITED

AUREX PROJECT, YUKON TERRITORY, CANADA, MOUNT HALDANE AREA
MAYO MINING DISTRICT

FIGURE 9

TRENCH MAP
TR AX00-4

Compiled By: R. Falls	Datum: NAD83	Coordinate System: UTM(1) Zone 8
Drafted By: Geodrafting	Date Completed: December, 2000	File Name: TRENCH-4.dwg

Au ppb	As ppm
150	1195
65	838
210	1350
70	1145
50	972
40	449
65	513
140	2310
150	4170
145	2670
205	3370
70	1050
105	2920

SAMPLE NUMBER	Au ppb	As ppm
B11	10	110
B10	20	621
B09	15	466
B08	10	452
B07	10	464
B06	10	362

SAMPLE NUMBER	Au ppb	As ppm
NOR	65	579
825	80	884
826	35	691
827	25	797
828	20	771
829	45	919
830	25	472
832	40	1020
833	120	922
834	10	101
835		

NEWMONT EXPLORATION OF CANADA LIMITED		
AUREX PROJECT, YUKON TERRITORY, CANADA, MOUNT HALDANE AREA MAYO MINING DISTRICT		
FIGURE 10		
TRENCH MAP **TR AX00-5 AND TR AX00-6**		
Compiled By: R. Fallis	Contour Interval:	Coordinate System: UTM/ Zone 8
Drafted By: Geodrafting	Date Revised: December, 2000	File Name: TRENCH-5-6.dwg

Table 3: Significant Trench Sample Results (Continued)

Trench No.	Length	Target and Results	Comments
TR-AX-00-3	51.0 m	Target: .06-.42g/tAu and 300-550ppm As in soils; Results: 3m@.48g/t Au, 1325ppmAs, 9.7ppmSb, 4.1ppmBi and 9m@0.55g/t Au, 1893ppmAs, 7.3ppmSb, 4.9ppmBi	Oxidized quartz eye schist with thin calc-silicate lenses with *po; NE striking qv cut units*
TR-AX-00-4	33.0 m	Target: .14-.21g/t Au, 330-1215ppmAs in soil located 200m west of TR-AX-00-2;Results: permafrost hampered bedrock access; 3m@.48g/t Au, 472ppmAs, 18.3ppmSb, 3.6ppmBi	High As do follow Au; high W to 126ppm do not follow Au
TR-AX-00-5 TR-AX-00-6	18.0 m 50.0 m	*Target: As-Sb soil anomaly and near angular aspy-stibnite sulphide cemented breccia assayed 9.8g/t Au;* Results: TR-5 10-20ppbAu, 350-450ppmAs, 3-17ppmSb, .1-.3ppmBi; TR-6 50-205ppbAu, 500-4190ppmAs, 50-213ppmSb, .2-1.0ppmBi	Oxidized quartz eye schist; carbonaceous schist cut by quartz veins with trace aspy-py; NE faults; NW fault; W qstwk along antiform (22°W)

11.0 MINERALIZATION

11.1 Mineralization History

The following section was adapted from a description of the mineralogical history of the Keno Hill area by Boyle 1965. The mineralization history of the Aurex map area and surrounding map area to the north and east has been long and complex, involving many stages of mineralization as defined below:

Stage 1- Formation of early quartz stringers and lenses containing minor pyrite and carbonate minerals along bedding planes, fractures, drag folds and contorted zones in sedimentary rocks (likely metamorphogenic in origin).

Stage 2- Development of quartz stringers and lenses containing scheelite as small (2mm to large 10mm grains). These are common within the veins of the quartzites in the McQuesten area. This early stage might be coextensive with an intrusive event related to the formation of the gold-pyrrhotite skarn lenses at McQuesten.

Stage 3- Further development of early faults with a general northeast strike. These are the principal faults of Galena Hill and Keno Hill. Similar faults are present on Aurex Hill, Mount Haldane, Silver King, and on the Thompson Creek. These faults commonly host gold-quartz-arsenopyrite-pyrite mineralization and tend to occur along major lithological boundaries. This stage crosscuts the earlier gold-pyrrhotite skarn mineralization. At McQuesten trenches gold - arsenopyrite occurs with pyrite in veins and veinlets. At Aurex Hill arsenopyrite with and without gold is dominant; at Galena Hill arsenopyrite with gold is present in small amounts or is absent, at Keno Hill arsenopyrite with gold is a typical mineral of this stage

Stage 4- Continued movement along these faults formed in *stage 3* resulting in a reopening of the earlier faults in *Stage 3*. During this period the gold-quartz-arsenopyrite-pyrite veins were brecciated. And minor amounts of siderite, galena, sphalerite, pyrite, chalcopyrite, dolomite, and quartz were deposited in dilatent zones at or near subsidiary fractures striking off of main faults. This stage is dominant where earlier faults are crossed by later northwest faults.

Stage 5- Local brecciation of the mineralization described in *stages 2 and 3*, resulting in the brecciation of the siderite and pyrite and the local formation of 'sheared' galena (steel galena) that is silver-rich. This was followed by deposition of calcite, grey quartz, quartz crystals and some blackjack sphalerite and galena. Several examples of this breccia stage were seen at the McQuesten map area

Stage 6- Formation of late faults with north-northwest, north-northeast and north strikes where earlier mineralization is offset. Northwest faults show right-hand offsets; development of fractures, slips and minor narrow faults transect earlier stages of mineralization. North-northeasterly sheeted vein zones can carry gold mineralization at the McQuesten trenches where dilation has occurred at intersections of northwest and northeast faults.

Stage 7- Processes of supergene oxidation.
(a) Oxidation of pyrite, arsenopyrite, pyrrhotite, sphalerite, siderite, and galena to depths ranging from 3 to >650 feet. This resulted in the formation of limonite, manganese oxides, anglesite, calcite, quartz, malachite, native silver and numerous other secondary minerals. At the McQuesten trench area oxidation of the pyrrhotite-gold skarn mineralization occurs to a depth of at least 32 metres. On Aurex Hill quartz-arsenopyrite-pyrite-gold mineralization is oxidized to depths of at least 100 metres; On Keno and Galena Hills oxidation of Ag-Pb-Zn mineralization to depths of 200 metres or more.
(b)Precipitation of supergene quartz, calcite, native silver, pyrargyrite, sphalerite, galena and other minerals in late faults and fractures. This was the scenario at the Silver King mine, located 1km to the north of the McQuesten ground.
(c)Formation of placer deposits of gold in the vicinity of exposed hypogene deposits and in stream valleys. These likely formed during late Tertiary time.

11.2 Mineralogy

In the following description the minerals were determined visually by hand-specimen examination during field mapping and from minor historic thin and polished section

work. The detailed mineralogy of the silver-lead-zinc mineralization at Keno and Galena Hills to the east of the Aurex property has been described by numerous previous explorers. Figure 11 is a schematic diagram showing the incorporation of the Aurex area into a mineralization compilation completed by Lynch in 1989.

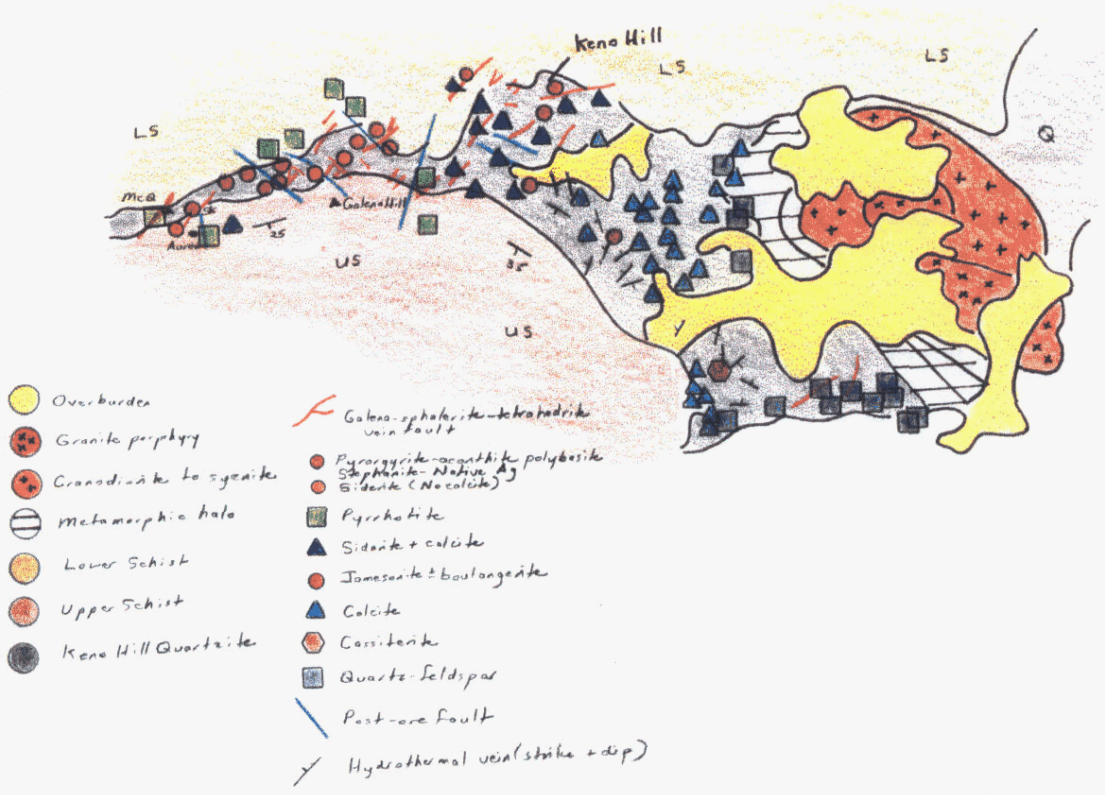


Figure 11

Schematic Showing Mineralization of the Region

(adapted from Lynch 1989)

11.3 Hypogene Minerals

The principal hypogene minerals within the Aurex map area are quartz, pyrite, arsenopyrite, and pyrrhotite. Less common are suggested stibnite (?), antimony-bismuth sulphides (?) and iron-arsenic sulphides in the form of arsenical pyrite, siderite, galena and sphalerite.

Quartz is the most abundant mineral in all the sedimentary rocks, skarn, quartz-biotite porphyries and quartz-biotite granodiorite sills to the north of the Aurex property. In the sediments it occurs as small segregations and in seams and veins parallel to bedding planes. The segregations and seams within the sedimentary rocks likely originated during earlier metamorphic processes. The quartz phenocrysts in the siliceous quartz-eye schist and the biotite granodiorite sills on adjacent properties probably recrystallized from source magmas.

Various epigenetic generations of quartz are present. The first is the most common appearing in quartz stringers, irregular lenses and boudins in schists, phyllites, and quartzites. These bodies tend to form irregular masses along bedding planes.

The quartz is generally white to pale grey in colour, massive with diffuse black seams of graphite and/or sericite. Locally small vugs lined with minute quartz crystals occur in some of the lenses and stringers and a few scattered pyrite grains and carbonate minerals.

In the gabbros, lenses of quartz occur in sheared zones and fractures. This quartz is coarsely crystalline, white and commonly contains irregular masses of calcite. The upper headwaters of Corkery Creek host such an occurrence.

The second generation of quartz occurs in veins and vein zones on Aurex Hill and surrounding areas. They are northeast - striking, massive, white, brecciated and tectonized. Locally vugs are lined with prismatic crystals, with abundant hematite along fracture planes and vein selvages. The quartz can be intergrown with arsenopyrite and pyrite with or without gold values. The veins vary from 0.1 to 10.0 centimetres.

A third generation of quartz was deposited at the same time as the bulk of the siderite, galena, sphalerite and pyrite and is more common on adjacent properties. Several generations of quartz were deposited after the brecciation process throughout the area. The Silver King mine hosts quartz that encloses brecciated oxidized fragments of ore minerals.

Carbonates including dolomite and calcite are relatively abundant in the schists, phyllites, and quartzites, and make up the bulk of the limestone and dolomite lenses that dominate in the upper headwaters of Corkery Creek. Quartz-carbonate veins (1 to 10.0 centimetres), host varying amounts of pyrite, arsenopyrite and pyrrhotite mineralization within quartz-sericite schists and calc-silicate horizons on Aurex Hill. Coarse-grained carbonates, generally calcite is present in some of the calc-silicate horizons. In the gabbros the carbonate is mainly calcite.

In the later base metal vein faults to the north of Aurex and towards the silver-lead-zinc mines at Keno and Galena Hills siderite is the principal hypogene carbonate. Where oxidized, the siderite is reduced to an iron and manganese wad. Commonly siderite cements the breccias of the vein - faults and infills fractures in the earlier quartz-pyrite-arsenopyrite lenses and sheeted zones.

Strontium follows calcium closely in the surrounding areas and is most abundant in the early and late varieties of calcite in some of the skarn lenses and infilling fractures in gabbro bodies.

Pyrite occurs as cubes and irregular masses in schists, quartzites, phyllites, porphyries and granites, and in small amounts in gabbros. It is particularly abundant in the black graphitic schists and phyllites and argillites and is an original constituent of these rocks. The disseminated and veinlet pyrite in the granitic rocks in adjacent properties, particularly to the north of the map area is everywhere abundant and generally accompanies muscovite and carbonate alteration.

Many of the early quartz stringers in the sedimentary rocks contain pyrite aggregates. In the early northeasterly-striking vein faults on Aurex Hill, pyrite occurs in close association with arsenopyrite, and rarely pyrrhotite. From the historical diamond drilling on Aurex Hill (four holes to 153 meter depths), pyrite occurs with arsenopyrite in sheared easterly foliaform quartz veins, and in cemented breccias attaining 5-60% by volume. Less common are black sooty hairline stringers that host fine sulphides (pyrite and arsenopyrite) together with disseminated pyrite and arsenopyrite in pegmatite veins, ranging from 5-25 centimetres in width. This stage of pyrite was precipitated at the same time as the quartz and arsenopyrite, whilst the second stage of pyrite occurs in the base metal siderite mineralized zones. Some of the pyrite is arsenical as very high levels of arsenic can coexist with otherwise plain-looking pyrite. Gold seems to occur in 'pyritic' zones. The higher contents are in samples from those quartz-arsenopyrite-pyrite vein zones on and/or similar to Aurex Hill mineralization. Values as high as 15 g/t Au have been known to occur in similar vein zones on adjacent properties.

Pyrrhotite accompanies pyrite and locally arsenopyrite in the calc-silicate horizons as disseminations in the range of 5-8% by volume and locally in earlier foliaform quartz-pyrite-arsenopyrite veins on Aurex Hill and on adjacent properties. Atypically it occurs in large amounts in the Duncan Creek vein to the east of the map area, where it is associated with pyrite, galena, sphalerite and siderite. Pyrrhotite occurs as the primary hypogene sulphide in larger abundance on those properties to the north of the Aurex ground where it contains low levels of gold. Here it occurs as elongate grains and blebs oriented along the shear foliation laminae. Locally it can form aggregates up to several millimetres in size. Pyrrhotite forms 99% of the sulphide mineralization associated with the calc-silicate alteration, with minor amounts of chalcopyrite, pyrite and sphalerite.

On properties to the north, hornblende porphyry dykes and sills host disseminated pyrrhotite where reactive carbonatized hornblende phenocrysts, ranging in size from 0.1-3 millimetres, have been pseudomorphed by pyrrhotite. In polished thin sections the fine disseminations are associated with rare chalcopyrite grains.

Sphalerite is the most abundant ore mineral in the Keno Hill and Galena Hill lodes. It is present in narrow vein faults throughout the Aurex and surrounding map area. The sphalerite is dark brown to black occurring as crystals and aggregates that are locally intergrown with pyrite, galena, quartz and siderite. Locally, siderite has filled fractures in sphalerite. The sphalerite seems to have post-dated the calc-silicate, pyrrhotite - gold

stage of mineralization and occurred with the deposition of the base metal mineralization, after the quartz-arsenopyrite-pyrite-gold mineralization that dominates Aurex Hill. Elevated cadmium levels follow sphalerite levels together with iron and manganese.

Galena is one of the principal ore minerals at Galena and Keno Hill silver-lead-zinc mine. It occurs in minor amounts on adjacent properties to the north of the map area. Here it is associated with siderite, sphalerite, arsenopyrite, pyrite and quartz commonly in intergrowths suggesting a similar time of deposition for all sulphides and gangue minerals.

It generally occurs as euhedral crystals to 3-4 millimetres in a sea of blackjack sphalerite in or near brecciated and/or vein fault zones. These vein faults are similar to the silver-lead-zinc lodes at Keno and Galena Hill to the east of the map area and were the initial exploration target in the vicinity of the properties to the north of the map area. Galena is generally seen cross cutting pyrite and arsenopyrite and appears to have been deposited later than these minerals.

In the surrounding areas previous explorers have observed inclusions of pyrargyrite and acanthite in the galena grains. Additionally antimony and bismuth in galena have received a great deal of investigation where silver, antimony sulphides and silver, bismuth sulphides were noted. This would explain the occasional silver, bismuth, and antimony association. It has been suggested that at higher temperatures of formation silver, bismuth and antimony substitute in the galena structure.

Chalcopyrite has been observed on the adjacent properties to the north of the map area where it occurs in quartz veinlets with pyrrhotite and intergrown with sphalerite and galena in late siderite-healed vein fault zones. Additionally it appears along shear planes with pyrrhotite.

Arsenopyrite is observed mainly in quartz-pyrite veinlets in northeasterly-striking vein faults on Aurex Hill and surrounding areas. The quartz-pyrite lodes on Galena Hill contain only small amounts of arsenopyrite, and yet 1.5 kilometres to the west on Aurex Hill, arsenopyrite occurs in volumes ranging from 3-20%. One interval logged in the previous RC drilling returned a 25 centimetre interval that contained >60% pyrite and arsenopyrite. On Thompson Creek, to the north of the map area arsenopyrite-scorodite occurs as coarse replacement bands along quartz vein selvages, likely after carbonates. Some of these veins returned 10 g/t Au.

The mineral can occur as coarse stubby crystals, from 1-5 millimetres in length or elongated prismatic crystals and as granular masses within quartz veins and/or their alteration zones. The closest mineral associate is pyrite, and in many places, particularly on Aurex Hill, the arsenopyrite occurs in pegmatite veins with pyrite, in steeply dipping quartz veins with pyrite to 20% by volume, within sheared vein faults with pyrite, in gouge zones with arsenopyrite to 20% and pyrite 5% by volume with clay (?) and green mica (?), in quartz-carbonate vein faults with pyrite, and in black sooty stringers of arsenopyrite and stibnite (?) in fault zones. Arsenopyrite mineralization occurs within the siliceous and sericitic schists to depths of 120 metres below the summit of Aurex Hill.

Gold may or may or may not be present as an associate of arsenopyrite. Locally limey silicified horizons host up to 2 % disseminate arsenopyrite. At the silver-lead-zinc mines to the east of the Aurex property, arsenopyrite was seen fractured and cemented by sulphosalts. Arsenopyrite-pyrite mineralization sampled from these areas has returned gold in the range of 3-16 g/t Au. In polished sections, free gold was not observed indicating that the gold, in the mine area is submicroscopic in nature.

Stibnite is not known in the area, rather elevated antimony levels to 217 ppm within arsenopyrite-pyrite mineralization is common. Elevated antimony values are associated with elevated arsenopyrite levels. Previous explorers have suggested that the mineral gudmundite, FeSbS, a mineral that is isostructural for arsenopyrite, FeAsS, could result in an easy substitution of Sb for As. This seems highly likely, as there is an abundance of arsenopyrite available for substitution throughout the three-kilometre strike length of Aurex Hill. Additionally, antimony-bismuth sulphides are suspected due to their intimate association.

Elevated *bismuth* is generally associated with elevated gold, arsenic and antimony values. While no bismuth sulphides were identified in hand specimen, previous explorers have discovered the mineral tetradymite, ($Bi_2 Te_2 S$), a bismuth, tellurium sulphide on adjacent properties.

Scheelite has been known to occur within the earlier foliaform quartz veins and within calc-silicate horizons and quartz-mica schist on properties to the north of Aurex map area. The scheelite within the skarn rocks is present as subhedral grains and crystal aggregates to 1 centimetre, more commonly to 3 millimetres concentrated in the carbonate-quartz veins. Molybdenum seems to be a common associate to elevated tungsten levels and it has been suggested by previous explorers that the mineral powellite ($CaMo0_4$)is isostructural for the mineral scheelite ($CaW0_4$). No visible molybdenite was seen, however, anomalous molybdenum levels ranging from 3-17 ppm can occur.

Gold assays from the Aurex Hill mineralization show that most of the gold is present in the early quartz-pyrite-arsenopyrite veins, and more specifically within the arsenopyrite and pyrite. Additionally, calc-silicate horizons host disseminate pyrrhotite mineralization with elevated gold values. Native gold has been found within the immediate map area in some of the earlier RC rotary percussion drill holes on Aurex Hill, and can be locally panned from the residual soils near to the quartz-arsenopyrite-pyrite mineralization in some of the surrounding areas. In the placer, gold it is in the form of small-flattened grains, scales, small rounded nuggets, fine dust and minute wires and flakes. Other placer creeks, Duncan Creek and Haggart Creek, have yielded significant nuggets of gold.

The gold in Duncan Creek occurs in glacial sands and gravels that infill the creek. The gold occurred as flattened particles without quartz and seems to occur at the bedrock-till interface. Boyle 1965, discovered that silver was a universal constituent of the placer gold and that the mercury was probably a contaminant, used in the extractions from the placers.

11.3 Supergene Minerals

From field examinations of historic trenches, historic diamond drill hole log descriptions and from field mapping the principal supergene minerals are limonite, wad, calcite, anglesite, and scorodite. Less abundant jarosite and pyrite also occur.

Most of the *limonite* seen occurs as goethite and hematite. Limonite is widespread throughout the three-kilometer length of Aurex Hill in fault zones, and fracture zones to drill defined depths of 100 metres. In the faults it is principally derived from pyrite and if iron carbonates are present from siderite-dolomite.

Limonite commonly occurs along shear foliation planes, as goethite after pyrite or as hematite after pyrrhotite. The limonite-rich sections commonly have high levels of several other elements, such as molybdenum, arsenic, antimony, bismuth, and gold reflecting the presence of microcrystalline secondary minerals.

Supergene quartz is present in minor amounts in some of the oxidized parts of the vein faults within the map and surrounding areas. Small crystals line drusy cavities in oxidized siderite-limonite sections. These are only present in fault zones.

Scorodite is common in some of the oxidized parts of quartz, pyrite, and arsenopyrite-bearing zones on Aurex Hill and on adjacent properties to the north. The mineral is yellowish green and occurs as irregular microcrystalline aggregates. It is associated with primary arsenopyrite and arsenical pyrite. It tends to occur with limonite and less commonly hematite.

A supergene white *clay mineral* has been identified on several occasions within auger drill holes on the east - end of Aurex Hill. The mineral appears to be locally distributed and tends to form small white seams and vug - infills in brecciated limonite-bearing schist with an apple green mineral. The rock chips from the auger samples gave the impression that this mineral was related to fault zones that were anomalous in arsenic, antimony and gold.

11.4 Nature of Hypogene Mineralization

In the northeasterly-striking quartz-arsenopyrite-pyrite veins on Aurex Hill the mineralization is generally coarsely crystalline where the pyrite and arsenopyrite are intergrown with the quartz. Arsenopyrite here generally occurs in greater volumes than pyrite, although on Galena Hill the similar quartz-pyrite lodes are pyrite dominant. Additionally, fine sulphides occur in black, sooty hairline veinlets and fractures near fault zones. Coarse, stubby arsenopyrite to 20% by volume can occur intergrown with white quartz with or without gold. Fine acicular arsenopyrite needles can occur with or without gold. On Thompson Creek, to the north of the map area, the arsenopyrite occurs in massive aggregates with scorodite along the outer vein selvage. Narrow pegmatite veins can host arsenopyrite with elevated antimony and gold values.

Limonite occurs in fractures that cut earlier quartz veins. The relationship of these fractures to gold tenor is unknown at this time, however there seems to be elevated gold values where significant limonite occurs.

The siderite base metal vein faults on adjoining properties to the north have excellent crystal development of both sulphides and gangue. The siderite tends to occur as breccia-infill or in stringers. Minor base metal mineralization occurs in the immediate Aurex Hill area.

The calc-silicate pyrrhotite horizons conform in strike to the regional stratigraphy. Pyrrhotite mineralization is finely disseminated throughout the matrix and along parallel shear planes. This mineralization style may or may not carry gold values. The presence of the dominant quartz-muscovite metamorphic facies, throughout the map area and surrounding area together with pyrrhotite in association with chalcopyrite, arsenopyrite, pyrite mineralization suggests that these were formed at moderate depth under moderate temperatures and pressures.

On Aurex Hill, the quartz-arsenopyrite-gold mineralization typically has arsenopyrite as coarse-grained, stubby crystals coexisting with pyrrhotite-arsenopyrite suggests that they were formed at a moderate depth and under a moderate temperature and pressure. The resultant mineralization is fault and fracture-controlled with mineral deposition at dilatent zones in the fault zones where competency contrasts exist.

The latest siderite- sphalerite-galena mineralization stage dominates to the north and east of the map area and is characterized by good crystal development of both gangue and ore minerals. Siderite, galena, pyrite tend to have a euhedral crystal development whilst sphalerite tends to be more massive. This mineralization type tends to occur as fault-cemented open-space breccias, and is characterized by vugs and euhedral crystals. These features suggest a development in open dilatent zones under moderate to low temperatures and pressures.

11.6 Wall-rock Alteration

The wall-rock alteration effects as a result of the hypogene quartz-sericite-pyrite-arsenopyrite and pyrrhotite-skarn mineralization are visually difficult to determine, due to metamorphism of the sedimentary parcel of rocks. An attempt was made to incorporate the Aurex property hydrothermal alteration into an earlier synthesis by Lynch 1989 (see Figure 12).

Distinctive alteration zones and mineralization styles in the gabbros and diorites, occurs on adjacent properties to the north and east of the map area. The diorites contain reactive phenocrysts such as hornblende, and magnetite. These minerals tend to be completely pseudomorphed by either pyrite or pyrrhotite close to quartz-iron-carbonate-pyrite veins. Carbonate, sericite and clay replace plagioclase phenocrysts. The rock takes on a bleached, pale buff colour and is markedly softer than the unaltered equivalent. These

altered rocks contain gold values where transected by quartz-arsenopyrite-pyrite veinlets. Adjacent to the siderite-sphalerite-galena mineralization, the gabbro sills are strongly silicified, and may host abundant disseminate pyrrhotite to 5% by volume. These also tend to host elevated gold values.

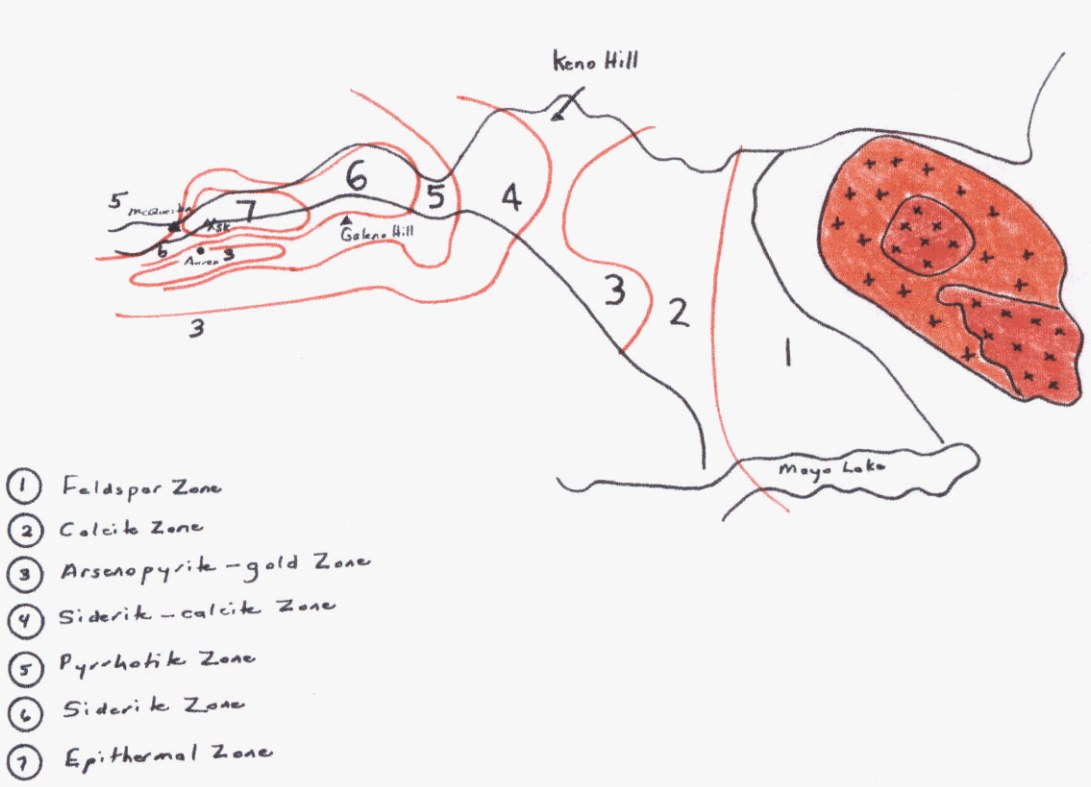


Figure 12

Schematic Hydrothermal Alteration of the Region

(adapted from Lynch 1989)

Visually, the schists and siliceous schists are highly altered to sericite-limonite-(carbonate), however there is great difficulty in determining alteration affects in these sedimentary rocks due to their quartz-muscovite metamorphic facies classification. In severely brecciated zones blood red hematite lines fracture surfaces along quartz vein walls. These areas tend to be enriched in gold.

Regionally, hydrothermal minerals are zoned with respect to the Mayo Lake Pluton. The following summary has been adapted from Lynch, 1989 who suggested that the resultant hydrothermal minerals are zoned according to distance from the Mayo Lake Pluton (see Figure 12). The alteration zones that pertain to the Aurex map and immediate surrounding areas are as follows:

- *Siderite-calcite zone:* characterized by siderite, quartz, calcite, galena, sphalerite, tetrahedrite, arsenopyrite and pyrite. This zone occurs towards the Keno Hill area, and in the upper headwaters of Corkery Creek.
- *Pyrrhotite zone:* characterized by quartz, calcite, siderite, pyrrhotite, chalcopyrite, pyrite cut by galena, sphalerite, and arsenopyrite. This zone occurs on adjacent properties to the north of the map area
- *Siderite zone:* siderite, quartz, limonite and pyrite. This zone dominates the low - lying area north of Aurex Hill.
- *Arsenopyrite-gold zone:* characterized by quartz, calcite, dolomite, arsenopyrite, pyrrhotite, arsenical pyrite, antimony-bismuth sulphides (?), iron -antimony sulphides (?). This zone dominates Aurex Hill.

11.7 Mineralization Summary

Three main stages of hypogene mineralization are represented on the Aurex property and surrounding map area. The first hypogene stage was marked by the introduction of metamorphogenic silica, which resulted in the development of quartz veins and lenses in local dilatent zones throughout the area. In these veins scheelite can occur. These occur more commonly in the competent quartzite member.

The second stage was characterized by an extensive introduction of silica that precipitated as quartz lenses and boudins in dilatent zones in a series of northeasterly-striking vein faults and fracture zones. The quartz veins carry significant quantities of arsenopyrite, pyrite and gold that generally accompany the arsenopyrite. These minerals make up the principal ore minerals on Aurex Hill.

The third stage of mineralization started with an introduction of carbon dioxide, iron, sulphur, lead, zinc, silver and cadmium. These mobile elements were concentrated in a carbon dioxide-rich gangue, into siderite, pyrite, galena, sphalerite and steel galena. These minerals make up the principal economic deposits of the mineral belt as a whole extending from Keno and Galena Hills through the Aurex Hill, to the surrounding prospect areas.

12.0 DISCUSSION - ORIGIN OF HYPOGENE MINERALIZATION

Several factors should be considered in discussing the origin of mineralization: the geological and structural setting of the mineralization as gleamed from field observations and a certain amount of interpretation together with the geochemical processes leading to their concentration.

The origin of four dominant types of mineralization within the Aurex and surrounding map area is discussed in the following sections. These include the early quartz lenses and boudins, the calc-silicate pyrrhotite-gold horizons, the quartz-arsenopyrite-pyrite-gold vein zones, and the siderite-galena-sphalerite breccia mineralization.

12.1 Geological Setting of the Mineralization

The regional geological setting is shown on Figures 3, 4a and 4b. The principal features may be briefly summarized as follows:

1. Early quartz lenses and boudins occur in all sedimentary rocks. They do not occur in the granitic rocks, nor do they exhibit a spatial relationship to them. All are structurally controlled by fractures, small faults, shear zones, and disrupted bedding planes that tend to occur along lithologic contact zones. The structures were developed during the early fold and thrust events of the region.
2. Quartz-scheelite veins occur in sedimentary rocks, dominantly in the calcareous schists. These tend to occur near granitic bodies to the north of the map area. The scheelite occurs as euhedral grains and as aggregates in fractures in earlier quartz veins in the massive quartzite member and the schists.
3. The calc-silicate horizons are developed in the interbedded limestone (marble) lenses, calcareous schists, quartz-sericite schists, and calcareous quartzites and locally in the phyllites. Some develop proximal to known granitic intrusions, to the north, where elevated tungsten levels exist and others develop in areas with no known intrusions, where pegmatite veins are known to occur (e.g. Aurex property) with lower tungsten levels. Some calc-silicate horizons occur in areas of intense shear strain and are likely a result of intense shear-induced metamorphism due to proximity to the Robert Service Thrust zone (*see* Figure 7), located 250-1000 metres to the north of the Aurex claims. The affects of this thrust zone are region wide, extending to the Aurex Hill and beyond where parallel low angle fault strands are common.
4. Quartz-pyrite-arsenopyrite-gold vein zones occur in dilatent zones in northeast - striking vein faults throughout the area, in large concentrations on Aurex Hill. These zones can occur in all lithologic units including the massive quartzites in the Keno Hill area and the siliceous schists in the Aurex Hill area.
5. The siderite, galena, and sphalerite ore minerals are developed in extensive northeast-striking vein faults to the north and east of Aurex Hill. Most of the vein faults occur in the thick-bedded quartzite (Unit 3 and 4a) and gabbro (Unit 7) that lie above a thick series of thin-bedded quartzite (Unit 4b), phyllite (Unit 4c) and graphitic schist (Unit 4d). These lie directly in the foot - wall of the Robert Service thrust zone. The siderite mineralization event is younger than the quartz-arsenopyrite-pyrite vein event.
6. Previous explorers have suggested that the silver-lead-zinc lodes at Keno and Galena Hill are the result of a series of overlapping easterly-trending sinistral fault strands, with the northeast mineralized vein faults the result of dilatent zones generated between these two fault strands (Lynch 1989).
7. The dominant vein faults, quartz-arsenopyrite-pyrite at the Aurex property, siderite-bearing silver-lead-zinc lodes at Keno and Galena Hill, silver-rich vein faults at Silver King have the same north - easterly orientation as the

granitic sills occurring to the north of the Aurex property. This suggests that a north-south extensional event resulted in an opening of northeasterly faults and fractures. All types of mineralization described above cross - cut the consolidated granitic sills known to occur to the north of the map area. This suggests that there was a later, buried magma advancement related to the mineralization seen, or a reactivation of an already existing magma chamber, or no relation at all to magmatic hydrothermal fluids. Numerous syngenetic silver-lead-zinc mines and prospects exist thoughout the trace of the host sediments throughout the central Yukon. A source for resultant ore minerals seen at Keno and Galena Hill is not a problem.

8. There is a subtle mineral zonation in the area, with some overlapping stages. Clearly the area to the north of Aurex map area shows magmatic activity with at least three stages of magma advancement: quartz-biotite granodiorite, aplite, and hornblende quartz diorite with associated elevated gold, tungsten, bismuth and arsenic levels. These exist together with abundant pyrrhotite and chalcopyrite with later arsenopyrite mineralization. Locally siderite-galena-sphalerite vein faults transect the above mentioned mineralization types. To the east, towards Keno and Galena Hills, vein faults with siderite-sphalerite-galena (silver)-chalcopyrite are abundantly developed. Quartz-arsenopyrite-pyrite - (gold) vein - fault zones dominate Aurex Hill and occur in random distribution outside of Aurex Hill towards Galena and Keno Hill areas. This type of mineralization generally hosts gold. Several pegmatite veins with elevated levels of arsenic, antimony and gold are known to occur in this area suggesting that an intrusion may lie under or in close proximity to Aurex Hill.

12.2 Source of Elements

The source for the elements on Aurex Hill and the surrounding area are two-fold: magmatic hydrothermal solutions derived during the crystallization of known granitic sills and dykes as a series of apophyses bleeding off of the suggested buried intrusion to the north and possibly underlying Aurex Hill and/or fluids sourced from the graphitic pyritic schists, phyllites and quartzites. The regional zonation of elements and ore minerals from iron, tungsten, bismuth, copper, arsenic and gold to silver, lead, and zinc to arsenic, antimony, bismuth and gold cannot be ignored.

Minor granitic and quartz-feldspar porphyries seen outside of the map area to the north and east were cut and offset by a variety of mineralization types including quartz-arsenopyrite-pyrite-gold veins with good alteration haloes, quartz-iron carbonate veins with strong sericite-clay-carbonate alteration haloes and pyrite-chlorite-carbonate veinlets. This alteration is very likely a late meteoric water influx affect where acid waters have permeated fault and fracture zones.

At present the author (Caira) feels that due to an obvious spatial relationship of pyrrhotite-gold calc-silicate horizons to a suggested buried intrusion near the McQuesten property north of Aurex together with isolated pyrrhotite-gold calc-silicate horizons on Aurex Hill where pegmatite veins are known to occur, a magmatic-hydrothermal fluid

source is likely. Additionally, the Robert Service Thrust zone and various reactivations have enhanced migration of elements during shear-induced metamorphic processes resulting in concentrations of gold in pyrite, pyrrhotite concentrated along shear planes. Finally, an enrichment of gold in arsenopyrite is a later vein and fracture-controlled event that may be from a different magma advancement than the event that sourced the pyrrhotite-gold mineralization. Figure 13 is a schematic genetic model for the region.

12.3 Geochemical Processes of Concentration

All types of mineralization on the Aurex Hill and the surrounding map areas occur in northeasterly dilatent fault zones. In the principal rocks of the region- the schists, thin-bedded quartzites and phyllites mineralization occurs in tight fractures and faults. A coexistence and/or a spatial relationship exists between the vein-fault hosted quartz-arsenopyrite-gold mineralization on Aurex Hill and pegmatite veins, an indication of magmatic volatiles and a potential source for the hydrothermal fluids.

Secondly, the types of mineralization seen suggest that they were formed at moderate depths of formation according to the mineralogical associations. The association of pyrrhotite-chalcopyrite-arsenopyrite with elevated tungsten levels near the McQuesten property suggests a slightly deeper depth of formation and the existence of known granitic intrusions in the area supports this hypothesis.

The favored mechanism of diffusion of elements, particularly for those in the earlier pyrrhotite-gold calc-silicate horizons relates to shear-induced diffusion of fluids along the Robert Service Thrust zone whereby fluids sourced from a buried reactivated magma chamber migrate upwards along the abundant low-angle fault planes.

Structures have played a most important role in the concentration of elements throughout the area. With the exception of the pyrrhotite-gold skarn lenses, all other mineralization types are localized in faults and fractures. Competency contrasts from siliceous schists, calc-silicate horizons and granodiorite, gabbro and diorite sills to the surrounding schists plays an important role in creating favourable dilatent zones for controlling the deposition of mineralization.

The northeasterly-trending quartz vein fault zones with quartz-arsenopyrite-pyrite-gold mineralization appear to be dilatent where transected by northwesterly faults. The northwesterly faults have seen a late, right lateral offset of the earlier mineralized faults by ten's to hundred's of feet. Where these two structures intersect high grade pods of ore minerals exist throughout the area. Aurex Hill, the McQuesten property area and Keno and Galena Hills are dominated by this fault array.

The first stage of mineralization, quartz and minor scheelite were deposited, proximal to granitic intrusions (e.g. McQuesten property). Additionally large quantities of pyrrhotite, pyrite, chalcopyrite, gold mineralization was deposited along shear-planes and fractures.

The second stage contained large quantities of quartz, arsenopyrite and pyrite mineralization with minor sulphosalts and gold (e.g. Aurex Hill). This stage had silica, sulphur, iron, arsenic, antimony and gold mobile whereas base metals and carbonate were immobile.

The third and main stage at Galena and Keno Hill to the east of Aurex Hill produced an abundance of siderite, pyrite, galena (silver-rich), sphalerite, and chalcopyrite. According to previous workers some arsenic with a little pyrite and tin and gold was deposited during this stage.

12.3 Genetic Model

The following history of mineralization was adapted from a discussion by Boyle 1965. Figure 13 is a schematic diagram to illustrate the incorporation of the Aurex property into Boyle's genetic synthesis of the Keno Hill area.

During the late Precambrian or Paleozoic time a thick series of marine sediments, consisting of graphitic shales, argillites, siliceous precipitates, sandstones, calcareous precipitates, and limestones, was laid down in an extensive basin in which reducing conditions prevailed. Abundant iron sulphide was precipitated with these sediments as a result of the action of anaerobic bacteria due to the reducing environment. In addition, large quantities of lead, zinc, and silver, (copper?), (gold?), and (tin?) were also precipitated. These elements were then incorporated into the pyrite or were concentrated in the various silicates.

Later gabbro and diorite sills were intruded along certain favourable sedimentary horizons, particularly along the competent quartzites and argillite-shale contact zones.

In Cretaceous (?) time a major period of orogeny took place, during which the sediments and gabbro-diorite bodies were folded and in places sheared. North-directed thrusting, along the easterly Robert Service Thrust fault resulted in older rocks (Upper Schist Formation-Members 5 and 6) of the Hyland Group schists overlying younger Mississippian - age rocks (Central Quartzite Formation-Members 3 and 4). A period of north - south directed relaxation and extension occurred. Near the close of this period, magma advancement occurred into the sedimentary pile along dominant northeasterly fault and/or fracture zones forming the various granitic plugs, stocks and sill-like bodies of the district.

During the initial period of folding and regional low-grade metamorphism numerous small dilatent zones were formed at competency contrasts of the various lithologic units and these were filled with quartz and carbonates. In higher temperature areas, near the intrusions (e.g McQuesten), tungsten was mobilized in the sediments or sourced from the source magmas and were deposited in the sediments and precipitated in the calcareous rocks during the formation of calc-silicate skarn lenses. Similarly the mobile tungsten was precipitated as scheelite in quartz veins near granitic bodies.

The northeasterly-trending vein faults were localized at dilatent zones, an area of low temperature, concentrated the more mobile elements and components like silica, sulphur, arsenic, antimony, iron, bismuth and gold to form quartz, arsenopyrite, antimony - bismuth sulphides and gold veins. Following this period of mineralization renewed tectonic activity was accompanied by further magma advancement (?) and further cooling which resulted in the formation of more extensive breccia and fracture zones and the mobilization of abundant carbon dioxide in the form of iron carbonates, sulphur, iron, manganese, magnesium, lead, zinc and cadmium, and silver which created siderite, pyrite, galena, and sphalerite. Locally, clasts of earlier formed quartz-arsenopyrite-pyrite-gold mineralization occur as clasts in this type of mineralization.

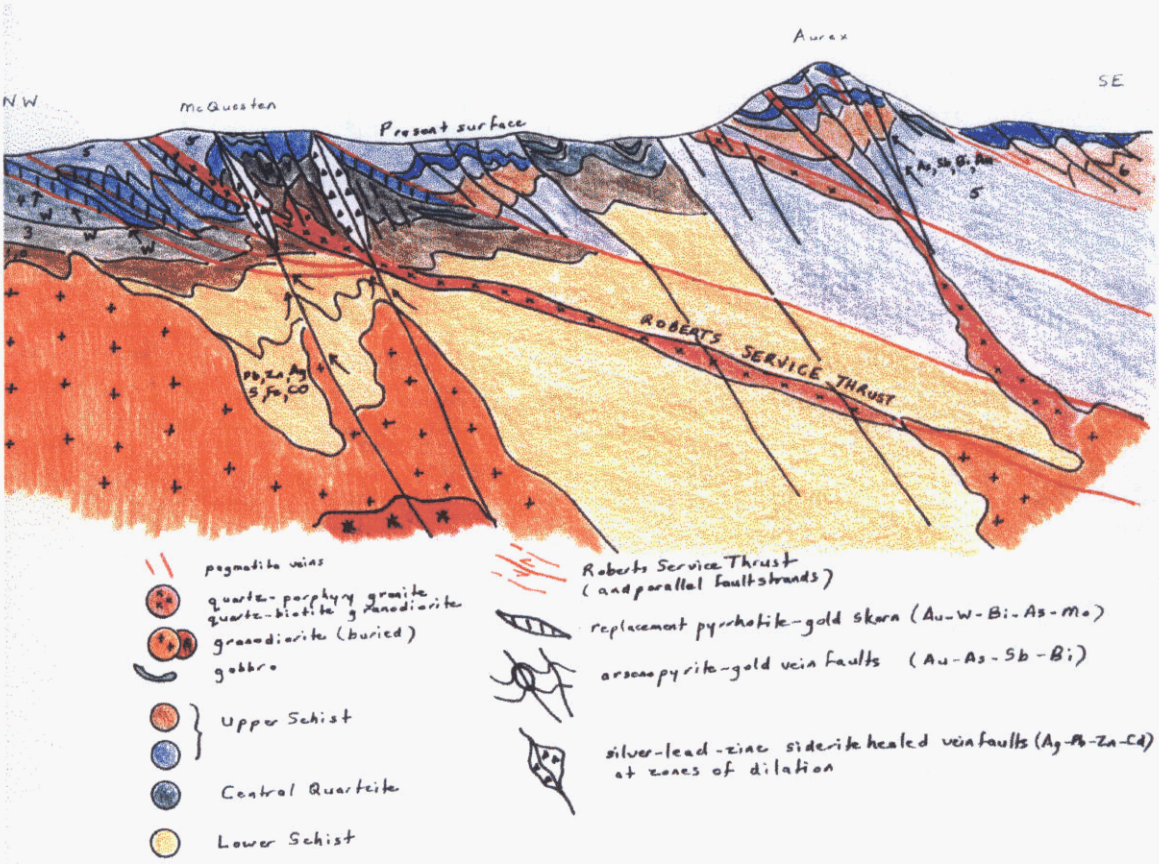


Figure 13

Schematic Showing Genetic Model for the Region

In Late Mesozoic time the rocks and mineralization types in the district were severely disrupted by a series of northwest - striking right lateral faults. These faults acted as corridors for the remobilization of earlier ore minerals.

In Tertiary time uplift and erosion and oxidation of the various concentrations of mineralization began and continues to present.

13.0 AIRBORNE GEOPHYSICAL SURVEY

Fugro Airborne Surveys flew a helicopter-borne magnetic – electromagnetic survey for Newmont Exploration of Canada Limited over the Aurex and adjoining McQuesten property. A total of 1226 line-km (914.4 line- km on claims or adjoining open ground) was completed during the period of May 17-28, 2000. A summary of survey statistics, personnel, and equipment is presented in Appendix VI. The following presents details concerning instrumentation, data acquisition, data processing, and interpretation of the survey. Contoured colour plots, flight line plan, and interpretation are included in the accompanying map pockets at both 1:25,000 and 1:10,000 scales (see Plates 7a-7c, 8a-8c, 9a-9c and 10a-10c).

13.1 Equipment and Survey Procedure

13.1.1 Navigation

Video Flight Path Recording System Type: Panasonic VHS Colour Video Camera (NTSC)
Model: AG 2400/WVCD132

Fiducial numbers are recorded continuously and are displayed on the margin of each image. This procedure ensures accurate correlation of analog and digital data with respect to visible features on the ground.

Navigation (Global Positioning System)

Airborne Receiver

Model:	Ashtech Glonass GG24
Type:	SPS (L1 band), 24-channel, C/A code at 1575.42 MHz, S code at 0.5625 MHz, Real-time differential.
Sensitivity:	-132 dBm, 0.5 second update
Accuracy:	Manufacturer's stated accuracy is better than 10 metres real-time

Base Station

Model:	Marconi Allstar OEM, CMT-1200
Type:	Code and carrier tracking of L1 band, 12-channel, C/A code at 1575.42 MHz
Sensitivity:	-90 dBm, 1.0 second update
Accuracy:	Manufacturer's stated accuracy for differential corrected GPS is 2 metres

The Ashtech GG24 is a line of sight, satellite navigation system that utilizes time-coded signals from at least four of forty-eight available satellites. Both Russian GLONASS and American NAVSTAR satellite constellations are used to calculate the position and to provide real time guidance to the helicopter.

The Marconi Allstar OEM (CMT-1200) is operated as a base station and utilizes time-coded signals from at least four of the twenty-four NAVSTAR satellites. The base station raw XYZ data are recorded, thereby permitting post-survey processing for theoretical accuracy of better than 5 metres.

The Ashtech receiver is coupled with a PNAV navigation system for real-time guidance. Although the base station receiver is able to calculate its own latitude and longitude, a higher degree of accuracy can be obtained if the reference unit is established on a known benchmark or triangulation point. For this survey, the GPS station was located at latitude 63 36.90200N, longitude –135 52.60192W at an elevation of 516 metres a.m.s.l. The GPS records data relative to the WGS84 ellipsoid, which is the basis of the revised North American Datum (NAD83). Conversion software is used to transform the WGS84 coordinates to the NAD 27 system.

13.1.2 Magnetic Instrumentation

Airborne Magnetometer

Model:	Picodas 3340 processor with Geometrics G822
Type:	Optically pumped cesium vapour
Sensitivity:	0.01 nT
Sample rate:	10 per second

The magnetometer sensor is housed in the EM bird, 30 m below the helicopter.

Magnetic Base Station

Model:	GEM Systems GSM-19T
Type:	Digital recording proton precession
Sensitivity:	0.10 nT
Sample rate:	0.2 per second
Model:	Picodas MEP-710 processor with Geometrics G823
Type:	Digital recording cesium vapour
Sensitivity:	0.01 nT
Sample rate:	1 per second

A digital recorder is operated in conjunction with the base station magnetometer to record the diurnal variations of the earth's magnetic field. The clock of the base station is synchronized with that of the airborne system to permit subsequent removal of diurnal drift.

13.2 Data Acquisition System

Digital Recorder

Manufacturer:	RMS Instruments
Model:	DGR 33
Recorder:	Iomega Zip Plus drive

The data are stored on a 100 Mb Zip disk and are downloaded to the field workstation PC at the survey base for verification, backup and preparation of in-field products.

Analog Recorder

The analog profiles are recorded on chart paper in the aircraft during the survey. The table below lists the geophysical data channels and the vertical scale of each profile.

Manufacturer:	RMS Instruments
Type:	DGR33 dot-matrix graphics recorder
Resolution:	4x4 dots/mm
Speed:	1.5 mm/sec

The Analog Profiles

Channel Name	Parameter	Scale units/mm
1X9I	coaxial in-phase (1000 Hz)	2.5 ppm
1X9Q	coaxial quad (1000 Hz)	2.5 ppm
2P9I	coplanar in-phase (1000Hz)	2.5 ppm
2P9Q	coplanar quad (1000 Hz)	2.5 ppm
3P7I	coplanar in-phase (7200 Hz)	5 ppm
3P7Q	coplanar quad (7200 Hz)	5 ppm
4X7I	coaxial in-phase (5500 Hz)	5 ppm
4X7Q	coaxial quad (5500 Hz)	5 ppm
5P5I	coplanar in-phase (56000 Hz)	10 ppm
5P5Q	coplanar quad (56000 Hz)	10 ppm
ALTR	altimeter (radar)	3 m
MGC	magnetics, coarse	20 nT
MGF	magnetics, fine	2.0 nT
CXSP	coaxial sferics monitor	
CPSP	coplanar sferics monitor	
CXPL	coaxial powerline monitor	
CPPL	coplanar powerline monitor	
4XSP	coaxial sferics monitor	
1KPA	altimeter (barometric)	30 m
2TDC	internal (console) temperature	1° C
3TDC	external temperature	1° C

Field Workstation

Manufacturer:	Dighem
Model:	FWS: V5.18
Type:	Pentium PC

A portable PC-based field workstation is used at the survey base to verify data quality and completeness. Flight data are transferred to the PC hard drive to permit the creation of a database. This process allows the field operators to display both the positional (flight path) and geophysical data on a screen or printer.

13.3 Data Processing

Projection Description

Datum:	NAD27 (Yukon)
Ellipsoid:	Clarke 1866
Projection:	UTM (Zone:8)
Central Meridian:	-135^0
False Northing:	**0**
False Easting:	**500000**
Scale Factor:	0.9996
WGS84 to Local Conversion:	Molodensky
Datum Shifts:	DX:7 DY:-139 DZ:-181

13.3.1 Magnetic Data

The aeromagnetic data were corrected for diurnal variation using the magnetic base station data. Manual adjustments were applied to any lines that require leveling, as indicated by shadowed images of the gridded magnetic data or tie line/traverse line intercepts.

13.3.2 Electromagnetic Data

EM data are processed at the recorded sample rate of 10 samples/second. Spheric rejection median (1.1 second operator) and Hanning filters (1.1 second operator) were applied to reduce spheric noise to acceptable levels.

Apparent Resistivity

The apparent resistivity in ohm-m was generated from the in-phase and quadrature EM components for the three coplanar frequencies, using a pseudo-layer half-space model. The resistivity parameter portrays all the EM information for that frequency over the entire survey area. The large dynamic range makes the resistivity parameter an excellent mapping tool.

The preliminary resistivity maps and images were carefully inspected to locate any lines or line segments that might require leveling adjustments. Subtle changes between in-flight calibrations of the system can result in line-to-line differences, particularly in resistive (low signal amplitude) areas. Manual leveling was carried out to eliminate or minimize resistivity differences, which can be caused by changes in operating temperatures. These leveling adjustments are usually very subtle, and do not result in the degradation of anomalies from valid bedrock sources.

After the manual leveling process was completed, revised resistivity grids were created. Most interline noise appears to be caused by flying height deviations from line to line. Although the resistivity calculation is independent of flying height where sufficient quadrature and in phase signals exist, quadrature responses in relatively resistive areas will vary with flying height. This causes apparent busts in resistivity calculated using the pseudo-layer half-space model. Although other resistivity calculation methods do not suffer from this problem, the pseudo-layer method produces more contrast in responses from deep conductive sources.

13.4 Discussion of Results

Geophysical survey results are presented on 1:10,000 scale sheets, one each for the West Half (Aurex – McQ) and East Half (Duncan Creek) blocks. Plates 7b, 8b, 9b, and 10b cover the West Half block and Figures 7c, 8c, 9c, and 10c the East Half block. These include respectively flight line locations (a-series), magnetic results (b-series), electromagnetic results (c-series), and an interpretation (d-series). In addition, 1:25,000 scale plots, which encompass the entire survey, are included for the four products (see Plates 7a, 8a, 9a and 10a). All plots are in the NAD 27 UTM Zone 8N projection. UTM coordinates are annotated at 1000 and 2000 metre intervals around the plot edges with internal ticks. Flight line numbers are positioned at the north end of each line, or line segment. Individual readings are annotated with a cross along each flight line.

Also accompanying the report is a CD with digital data in a MICROSOFT ACCESS (MDB) file located in a pocket at the rear. On the CD is a READ.ME file in ASCI format that describes the data in the MDB file.

13.4.1 Magnetic Results

Magnetic data (see Plates 8a-8c) is presented in full color image format contoured with a 10.0 nT interval ranging over 57600 to 58100 nT (approx). Several long wavelength highs, a number of positive linear features, and several very prominent magnetic lows dominate these data. Three of the long wavelength highs are interpreted as sourced by buried intrusions. The east-west elongate high centered near 466500E / 7084600N is interpreted as a Tombstone Suite intrusion with a depth to top of approximately 600 metres. The depth estimate is based upon a half-width rule.

Immediately to the west of the inferred intrusion are several high amplitude magnetic features of shallow origin. These could either be sourced by shallow intrusive, or magnetite / pyrrhotite associated with skarn mineralization. The southwest portion of the survey is dominated by a number of west-northwest bearing highs. Asymmetries in the response shapes suggest a uniform southerly dip. This is consistent with the geologic units in the area, thus implying a stratigraphic source.

A number of other magnetic linears correlate with several drainages (i.e. Haldane Creek and Corkery Creek). These represent weakly magnetic sediments filling portions of the streambeds.

Rimming the southern portion of the interpreted Tombstone intrusion are several very prominent magnetic lows produced by remnant magnetization associated with pyrrhotite, which in turn is associated with gold mineralization. All the responses show steep gradients along the northern edges and more gradual gradients to the south. Such geometry indicates a southerly plunge to the magnetic material, perhaps controlled by Robert Service Thrust. A number of other remnant magnetic lows are noted in other parts of the survey.

A number of northwest bearing faults are mapped by the magnetics, with apparent right lateral displacement indicated. In addition, several of the faults have coincident magnetic lows. These lows may represent remnantly magnetic pyrrhotite.

13.4.2 Electromagnetic Results

Electromagnetic data is presented in full color format contoured with a staged interval. The electromagnetic anomalies are expressed in ppm. A number of map products (see Table in Section 13-2) are available for plotting. Plates 9a-9c illustrate the in-phase, coplanar, 1000 Hz secondary field for each area covered. This parameter has the advantage of discrimination toward better conductors and simple anomaly shapes centered over the source conductor. The accompanying CD contains all the various other data types. A north – south stripping, parallel to the flight lines (see Plate 9a), is noted in all data sets. Three tie lines bearing at right angle to the flight lines also produce responses. These are line effects, which should be ignored when interpreting the results.

The electromagnetic results are dominated by a profusion of conductors across the survey's northern edge. Graphitic sediments within the Keno Hill Quartzite source these. As such, the electromagnetic data can be used to map the quartzite and its contact with the more southerly felsic metavolcanic unit. The line of contact between the two is interpreted as the Robert Service Thrust. Deeper overburden mutes the electromagnetic response to the north and along Haldane Creek. South of the Keno Hill Quartzite is a very subdued electromagnetic response associate with a mapped felsic metavolcanic. Further south the electromagnetic response picks up into a series of west-northwest bearing conductors, likely of stratigraphic origin. A thrust fault is interpreted to separate the metavolcanic and the more southerly unit. Finally, south of the west-northwest bearing conductors domain is an area of very low electromagnetic response, similar to the

metavolcanic unit. This succession of varying electromagnetic responses is reflecting stratigraphic variation. The magnetic data generally supports a division of the stratigraphy along the lines suggested by the electromagnetics.

A number of northwest bearing faults offset the conductors in a very consistent apparent right lateral fashion. In addition, a number of stratigraphically parallel faults are interpreted with in the Keno Hill unit. These could be either thrust or normal faults.

13.4.3 Summary

The previous interpretive comments are summarized on the geophysical interpretation plots (see Plates 10a-10c). Also shown on these plots are a number of targets. Three specific types or group can be developed.

- The strong negative magnetic responses rimming the southern edge of the interpreted Tombstone Suite intrusion. These are sourced by pyrrhotite associated with gold mineralization. As noted previously, a southern dip is indicated which clearly opens considerable target possibilities down dip.

- The strong positive magnetic responses west of the interpreted intrusion. Such responses would be consistent with relatively heavy concentrations of pyrrhotite and/or magnetite associated with skarn mineralization.

- Two conductors are noted to the southeast of the inferred intrusion. One within the felsic metavolcanics, and the other to the south within the next geologic domain. Both are proximal to strong northwest structures and exhibit either enhanced electromagnetic or correlating magnetic responses.

A hydrothermal mineralizing event related to the interpreted Tombstone Suite intrusion is postulated. Hydrothermal fluids emplaced gold mineralization with associated pyrrhotite proximal to the intrusion, along the Robert Service Thrust. Cross cutting northwest structures may have played an important role in localization of the hydrothermal fluids. In addition, carbonate rich units within the surrounding rocks could well have been altered to skarn with associated gold mineralization.

14.0 EXPLORATION POTENTIAL

Exploration potential on the Aurex claim group remains very good. Additional work on some or all of the targets described below should include additional auger geochemical sampling and trenching followed by a first-phase, diamond drilling program.

14.1 Aurex Hill West

- Known mineralization: quartz-arsenopyrite-pyrite-antimony/bismuth and antimony/iron sulphides with gold; pyrrhotite-gold calc-silicate horizons

- Gold mineralization and geochemical anomalies: Historic RC holes: grid south-0.5-3.5 g/t Au with As 4000->10,000 ppm, Sb 10-130 ppm, Bi 3-30 ppm; grid north -0.5-1 g/t Au, As 500-5500 ppm, Sb 4-40 ppm, Bi <1 ppm

- Auger holes: Au-As-Sb-Bi anomalism over 900 metres distance with Au from 0.05 to 0.52 g/t, As from 804-2410 ppm, and Sb from 10-54 ppm

- Residual soil: Au-As-Sb-Bi anomalism in an arcuate band around the west side of Aurex Hill, limited in extent due to masking by till drape; Au from 0.05-0.71 g/t, As from 300-2460 ppm, Sb from 10-54 ppm

- Trench: 14 metres of 0.43 g/t Au, As from 1500-4200 ppm, Sb from 4-39 ppm, Bi from 5-25 ppm; one sheared pegmatite vein returned Au to 0.091g/t and Sb to 137 ppm.

- Areal extent of anomalism is extensive for the trace elements arsenic and antimony with more focused anomalism for gold and bismuth; RC drilling intersected low grade gold with spikes to 3.5 g/t Au; trenching intersected low grade gold (0.3-0.6 g/t Au) over several tens of metres.

- Geological setting: Gold mineralization at dilatent zones across competency contrasts on major northeast vein fault zone at intersection with major northwest structures.

- Structure: Major regional structures with northwest faults forming variable, right lateral offsets of earlier easterly and northeasterly structures; possibility that the Aurex vein faults are the westerly right lateral offset, strike continuation of the major Silver King vein fault only a deeper paleolevel; arsenopyrite and pyrrhotite pairing with antimony-bismuth sulphides are a deep level mineralogical association, whilst the Silver King silver, lead, zinc vein mineralization occurs in upper stratigraphy, with higher level mineralogical associations; additionally, the stratigraphy is near-vertical on Aurex Hill whereas ubiquitously elsewhere it dips 25-40^{0} south-southeast.

- Alteration: Strong goethite and muscovite and slickensides along northeasterly shear planes, most intense competent rocks (e.g. siliceous schist, calc-silicate and strong early quartz vein zones).

- Igneous association: Pegmatite veins 5-12 centimetres with or without arsenopyrite tend to be enriched in gold and antimony.

- Geophysics: Both airborne magnetics and electromagnetics are flat in this target area

14.2 Aurex Hill East

- Known mineralization: quartz-arsenopyrite-pyrite sulphides with low levels of gold; and limonite/clay/green mica fault breccia

- Gold mineralization and geochemical anomalies:
  Historic RC drilling: none in immediate area, nearest is 620 metres west where two grids measuring 400x150 metres and 200x150 metres returned 0.1-0.60 g/t Au, with As from 1000-3000 ppm, Sb from 10-40 ppm, and Bi from 1-5 ppm
  Auger holes: Au-As-Sb-Bi anomalism over a 1600x400 metre area; Note: auger sample intervals ranged from 1-3 metres (high dilution factor); best results Au from 0.06-0.48 g/t, As from 350-6960 ppm, Sb from5-326 ppm, Bi from .5-1.92 ppm; Cd returned 7.92 ppm with Zn to 624 ppm

- Areal extent of anomalism: extensive for arsenic, gold follows high arsenic, antimony and bismuth; antimony follows bismuth (suspected antimony-bismuth sulphides); cadmium follows zinc in isolated hits

- Geological setting: gold mineralization related to structural intersections in siliceous schists

- Structure: not enough information from auger samples; fault breccias exist together with quartz veins and veinlets; arsenopyrite related to fault zone; inferred sag pond (graben feature) nearby

- Alteration: strong goethite and related slickensides; strong green mica in host rock and faults; clay-green sericite in fault breccia

- Igneous association: related to an easterly magnetic high feature

- Geophysics: a coextensive magnetic high feature (from historic data) measures 1000 x 350 metres transects the anomalous area

14.3 Aurex Hill Central

- Known mineralization: quartz-arsenopyrite-pyrite-gold veins; fault zones

- Gold mineralization and geochemical anomalies:
  Historic RC: gold, arsenic, antimony anomalism
  Soils: conventional soils were ineffective here due to thicker till drape

- Areal extent of anomalism: anomalism in a series of grids measuring 250x120 metres, 400x150 metres and 220x130 metres

- Geological setting: northeast aligned anomalism, dilatent zone at intersection of major northeasterly and at least two northwesterly faults
- Structure: as described above
- Alteration: quartz-limonite-muscovite schists cut by quartz, limonite, sulphidic veins
- Igneous association: none known
- Geophysics: flat magnetics here; cut by at least two northwest cross-faults

14.4 Aurex Hill North

- Known mineralization: pyrrhotite-gold calc-silicate lenses; quartz - scorodite – limonite veins and fractures; pyrrhotite skarn (with no gold)
- Gold mineralization and geochemical anomalies: Historic trenches: gold values from 0.5-6.7 g/t Au over 1-2 metre widths; several metres grading 2.0 g/t Au, Auger Holes: two north-south lines straddle this area with Au to 70 ppb, As to 419 ppm, Sb to 9 ppm. Rock grab samples: scorodite-pyrite-limonite with disseminates of pyrrhotite along 137/54SW axial planes returned 0.48 g/t Au, As to 2190 ppm
- Areal extent of anomalism: measures 500x200 metre as defined in historic trench results
- Geological setting: gold mineralization in pyrrhotite skarn and northwest dilatent quartz vein zones in competent calc-silicate and siliceous schist horizons near to Robert Service Thrust fault.
- Structure: Northwest 137/54SW structure with dilatent axial planar northwest sheeted vein zones; some early northeast shearing along foliation; calc-silicate sediments strike northeasterly and dip southeasterly; Robert Service thrust fault is 250 metres to the north.
- Alteration: calc-silicate gold skarn with abundant disseminate pyrrhotite from 5-8% (+/- gold) along shear foliation planes; muscovite-limonite schist cut by quartz-limonite-scorodite veinlets
- Igneous association: none known
- Geophysics: area is coincident with a remnantly magnetized pyrrhotite skarn zone, known to contain gold elsewhere on the property; measures 500x200 metres just north and overlapping with this target area.

14.5 Aurex Hill South

- Known mineralization: quartz-arsenopyrite veining; limonite schists; nearby rock float-sulphidic breccia returned 9.8 g/t Au, and >10,000 ppm arsenic and >100's ppm antimony; likely originated near Aurex Hill summit where similar mineralization is known to occur and transported down hill through soil creep

- Gold mineralization and geochemical anomalies:
  Historic RC Holes: a grid measuring 300x200 metres located 200 metres north of the area returned weakly anomalous in Au, As, Sb and Bi
  Auger Holes: Drill fence cuts the West side of this area and showed As and Sb anomalism; till/muck samples to the south returned Au to 0.16 g/t, As to 724 ppm and Sb to 37 ppm
  Residual Soils: strong arsenic and antimony anomalism
  Rock Grabs: NNE quartz-arsenopyrite veins were anomalous in arsenic and antimony
  Trench: Au 0.070-0.20 g/t, As from 350-4190 ppm, and Sb from 10-149 ppm

- Areal extent of anomalism: Extensive arsenic and antimony anomalism in soils, localized rock grabs and rock float shows Au to 9.8 g/t and high arsenic and antimony

- Geological setting: area is near to a sheared, easterly lithologic contact zone between Member 5 and Member 6; north-northeast dilatent zones (040/40NW) host quartz-arsenopyrite

- Structure: north-northeast dilatent vein zones; northwest and northeast fault intersections host gold, arsenic and antimony; sheared easterly faults along lithologic contacts; contorted bedding in this area

- Alteration: white, 'bleached' silicification with green muscovite and limonite pits; elsewhere green muscovite schist

- Igneous association: none known

- Geophysics: area is straddled by two northwest faults

14.6 Upper Corkery Creek

- Known mineralization: quartz-arsenopyrite veins; limonite-muscovite-quartz vein schist

- Gold mineralization and geochemical anomalies:
  Auger Holes: Au to 0.06 g/t (flanked by 0.48g/t Au)
  Rock grabs: As >10,000 ppm, Sb 22 ppm from arsenical pyrite in dolomitic marbles

- Areal extent of anomalism: measures 1200x 250 metres

- Geological setting: near to a major sheared lithologic contact zone between Member 5 and Member 6; flanking an inferred sag pond (graben feature)
- Structure: north-northwest faults bisect the area and seems to control dolomite-pyrite alteration; numerous easterly low angle shears dip 35^0 to the south; southwest 22^0 plunging axial planar fractures; north-northeast striking quartz-pyrite veins
- Alteration: nearby dolomitic-arsenical pyritic, folded marble horizons; strong quartz-dolomite-chlorite veining; muscovite-quartz-limonite schist cut by quartz veins
- Igneous association: an easterly magnetic feature measures 1100 metres bisects the area
- Geophysics: an alteration zone measures 900x350 metres and is coincident with the magnetic high feature; inferred northwest fault zones

14.6 South Corkery Creek

- Known mineralization: none known to date
- Gold mineralization and geochemical anomalies: none known to date as area is covered by extensive glacial and glacio-fluvial deposits
- Areal extent of anomalism: 800x200 metres (geophysical inferred)
- Geological setting: Within member 6 near to an inferred lithologic contact; nearby marble caps hilltop
- Structure: Northwest long range structure controls the geometry of the alteration zone near to an intersection with a northeast structure
- Alteration: Rock float of decalcified limestone with elephant texture; quartz stringers
- Igneous association: none known
- Geophysics: an alteration zone measures 800x200 metres, elongate along a major northwest structure; near to contact defined by contrasting resistivities

15.0 SUMMARY AND CONCLUSIONS

The geological, mineralogical and geochemical features described in this report are adapted from a summary by Boyle in 1965 as follows:

1. The consolidated metasedimentary rocks underlying the property and surrounding areas have been previously named by previous explorers and belong to the Yukon Group, namely the Yusezyu Formation of the Hyland Group Schists (Upper and Lower Schist Members) and are Precambrian in age. They consist of graphitic, siliceous and sericitic schists, phyllites, all variably calcareous, and limestone (marble lenses). The easterly-trending Robert Service thrust fault of Jurassic-Cretaceous age has thrust to the north the Hyland Group Schist (Members 5 and 6) over the Central Quartzite Formation (Members 3 and 4). A series of stacked imbricate thrust blocks are thought to occur along the fault zone together with shear-induced mineralization concentrations.

2. Most of the area falls into the greenschist and muscovite-quartz class of metamorphic rocks. Near known granitic bodies hornfels and calc-silicate horizons and localized amphibolite schists are developed, the latter chiefly from gabbro sills and the two formers from marbles, calcareous schists and calcareous quartzites.

3. Numerous previous workers have subdivided the sedimentary rocks into three formations as follows: lower schist formation, central quartzite formation, and the upper schist formation. The rocks in these formations dip gently southeast and appear to form the southern limb of a large open anticline whose axis follows the McQuesten River valley. The sheared and thrusted contact zone of the lower member of the central quartzite formation (Member 4) with the lower member of the upper schist formation (Members 5), has been exploited by granitic sills and has been the principal focus of the pyrrhotite-gold skarn mineralization at the McQuesten property. Towards Aurex Hill, the lower member of the upper schist formation (Member 5) dominates a topographic hill at 1007 metres where mineralization is dominantly within quartz-arsenopyrite-pyrite-gold vein zones along northeasterly dilatent vein fault zones. At Galena and Keno Hill silver-lead-zinc lodes are hosted principally within the central quartzite formation (Member 3 and 4) where massive thick-bedded quartzites and gabbro sills are the most favorable hosts for mineralization. The lower schist (Member 0,1 and 2) hosts a few favorable quartzite units and gabbro sills. At Keno Hill the upper schist formation (Members 5 and 6) is essentially barren of silver-lead-zinc mineralization, whilst at Aurex Hill the same upper schist formation hosts significant quartz-arsenopyrite-pyrite-gold mineralization.

4. The earliest intrusions are gabbro sills that have exploited favorable lithologic contact zones and low angle fault strands of the Robert Service Thrust fault. These sills are now represented by a series of discontinuous lenses or Boudins that lie conformably in the schists and quartzites.

5. Granitic stocks, and plugs, probably of Cretaceous age or younger, outcrop northwest and southeast of the main mineral belt. These intrusions range in age from granodiorite to hornblende quartz diorite and are intrusive into the various sedimentary formations. Additionally quartz-biotite granodiorite and hornblende diorite sills, of probable Cretaceous, or younger age exploited east-trending fault and fracture zones near the McQuesten property. These sills cut the gabbro lenses.

6. Quartz-feldspar-biotite porphyry sills and dykes are exposed along the flanks of Mount Haldane. These are likely hypabyssal equivalents of the granitic sills seen at the McQuesten property. Haldane Creek flanks the west side of the Aurex property and is marked by a major fault zone that has thrown the east block up exposing deeper stratigraphy and deeper mineralogical associations. Similarly, the Mount Haldane block on the west side of the fault has been down-dropped and preserved, resulting in the preservation of the upper stratigraphy hosting silver-lead-zinc mineralization similar to the Keno Hill lodes to the east. The McQuesten/Aurex block is unique to surrounding areas in that there are exposed granitic sills and dykes, an inferred buried intrusive source, and extensive pyrrhotite-gold calc-silicate horizons with associated elevated W-Bi-Au mineralization in high-temperature pyrrhotite-chalcopyrite-arsenopyrite mineralization.

7. Two principal fault systems exist in the area: a northeast-striking system of mineralized vein faults and a north-northeast to northwest-trending series of later faults. The former generally hosts the quartz-arsenopyrite-pyrite veins carrying gold, and a later generation hosts siderite, galena, sphalerite mineralization. There is definite grade enhancement at the intersection of these north-northeast and northwest faults. The last recorded movement along the northwest faults was a right-hand horizontal displacement of meter's to several hundreds of metres.

8. The most favorable host rocks for the localization of mineralization are at dilatent zones created at competency contrasts from quartzites, gabbros, siliceous schists, calc-silicate horizons, and granitic intrusions to the surrounding schists.

9. Three types of surficial materials occur in the area: residual soils locally developed on schists on top of Aurex Hill; glacial deposits, consisting principally of till, glacio -fluvial and glacio-lacustrine gravels, sand and silt; and muck, and peat developed on the north-facing slopes of the hills and on low-lying poorly drained ground.

10. Trace element work by previous explorers determined that the graphitic schists, phyllites, quartzites, and gabbros provide a large reservoir of sulphur, arsenic, silver, lead, zinc, cadmium, copper, manganese, iron, and carbon dioxide, the main constituents of the district as a whole. These elements have been concentrated by the sedimentation process and by the magmatic processes. Regional metamorphism undoubtedly enhanced the migration of gold and associated elements into pyrite, pyrrhotite, and arsenopyrite. Additionally, the

structurally - induced metamorphism from the Robert Service Thrust fault created enhanced permeability through numerous shear planes for incoming metal-bearing fluids.

11. Three major periods of hypogene mineralization are represented in the area. The first is marked by the development of metamorphogenic quartz stringers, lenses and boudins in fractures, joints, shear zones and along contact zones in the more competent sedimentary rocks (e.g. quartzites and siliceous schists). Near granitic bodies scheelite occurs as distinct grains in quartz veins and the pyrrhotite-gold calc-silicate horizons were formed within reactive calcareous schists, quartzites and marble horizons.

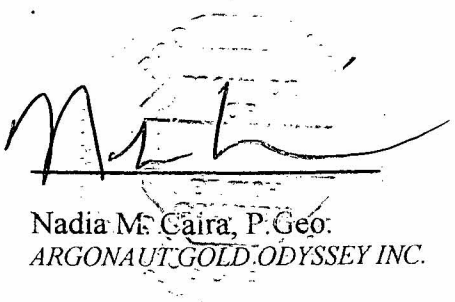
    Quartz-arsenopyrite-pyrite-gold represents the second period. Additionally, gold and elevated bismuth and antimony levels in iron-antimony sulphides and in antimony-bismuth sulphides (?) occur. These occur on Aurex Hill along northeasterly vein faults zones with enrichment at their intersections with northwesterly fault zones.

    The third period is represented at Keno and Galena Hills by economic concentrations of siderite, galena (silver), sphalerite, pyrite, and chalcopyrite mineralization in northeasterly vein faults.

12. The quartz-arsenopyrite-pyrite veins on Aurex Hill are oxidized to depths of 120 metres, whilst the siderite lodes are oxidized to depths of 200 metres at Keno Hill.

13. The geological age of the various mineralization types in the area remains uncertain. Previous workers have noted that some northeast vein faults cut granitic bodies and quartz-feldspar porphyries. Limited age - dating by Lynch 1989 suggested that alteration selvages along some of the mineralized vein faults at Keno Hill were dated at 89Ma. This suggests that the mineralization is of late Cretaceous age or younger. It has been suggested by previous explorers that a younger sequence of intrusions called the McQuesten intrusions exploit the McQuesten anticline along the McQuesten valley and were age - dated at 68Ma.

Respectively submitted,



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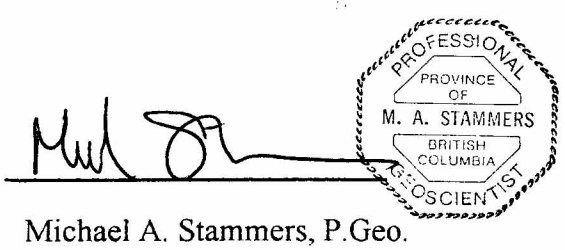
ARGONAUT GOLD ODYSSEY INC.
Senior Author, January 2001



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APPENDIX A

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APPENDIX B
LIST OF PERSONNEL

APPENDIX B

LIST OF PERSONNEL AND CONTRACTORS

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Fugro Airborne Services
Geophysical Surveys
2270 Argenta Road
Mississauga ON L6N 6A6

Wilf's Contracting Ltd.
Trenching and Trucking
PO Box 173
Mayo YT Y0B 1M0

Shar Exploration Services Ltd.
Linecutting Work
PO Box 20218
Whitehorse YT Y1A 7A2

APPENDIX C

STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES
AUREX GROUP OF QUARTZ MINERAL CLAIMS

CANADA -- In the matter of geophysical, geological and geochemical assessment work filed on the ***AUREX Claim Group*** comprising the following claims: Nis 1-75, Fisher 23-67, Rex 1-14 & 23-49, Aurex 1-34 & 51-171 and the Sin 1-11, 13-33, 35, 37, 39 & 40.

I, Michael A. Stammers agent for Newmont Exploration of Canada Limited, 1700 Lincoln Street, Denver, Colorado, do solemnly declare that a program consisting of airborne geophysical surveys, geological mapping, trenching and geochemical sampling work was carried out on the ***Aurex Claim Group*** during the period May 19, 2000 to August 31, 2000.

The following expenses were incurred during the course of this work and in the compilation and reporting of the results:

AIRBORNE GEOPHYSICAL SURVEY

914.4 kilometres x $91.15/km (all inclusive rate)		$83,347.56

PROFESSIONAL FEES AND WAGES

N. Caira, Geologist	43.0 days x $425/d	$18,275.00	
M. Stammers, Geologist	9.75 days x $475/d	4,631.25	
S. Koehler, Geologist	25.0 days x $475/d	11,875.00	
R. Falls, Geologist	15.5 days x $375/d	5,812.50	
J. Read, Geologist	7.5 days x $475/d	3,562.50	
R. Gorton, Geologist	4.0 days x $500/d	2,000.00	
O. Lavin, Geochemist	4.0 days x $500/d	2,000.00	
J. Tindle, Senior Sampler	5.5 days x $300/d	1,650.00	
Y. Thornton, Senior Sampler	20.0 days x $275/d	5,500.00	
E. Sinnott, Senior Sampler, Reclamation	35.0 days x $300/d	10,500.00	
			$65,806.25

EXPENSES

Truck Rentals	$8,745.30	
Travel – Gasoline and Diesel	1,315.03	
Hand Held Radio Rentals	825.00	
Lodging – Room and Board 215 md x $85/d	18,275.00	
Satellite Telephone Rental and Toll charges	4,538.30	
Travel – Hotel	2,214.04	
Travel – Meals	523.34	
Travel – Air	2,988.64	
Expediting and Freight Charges	673.40	
Maps and Reproductions	281.50	
Field Supplies and Equipment	4,397.59	
		$44,777.14

STATEMENT OF EXPENDITURES
AUREX GROUP OF QUARTZ MINERAL CLAIMS

DIRECT CHARGES

Contract Linecutting	$12,002.50	
Contract Trenching	10,800.00	
Contract Bombardier Auger Drilling	16,970.00	
Contract Long Haul Trucking (auger drill)	2,149.07	
ALS Chemex Labs Analytical Services	9,242.00	
		$51,163.57

REPORT PREPARATION

N. Caira, Geologist (16.75 days x $425/d)	$7,114.50	
M. Stammers, Geologist (15.5 days x $475/d)	7,362.50	
Geodrafting Ltd., Audocad Map Preparation	12,481.50	
Report reproductions, supplies	400.00	
		$27,358.50

TOTAL EXPENDITURES – AUREX CLAIM GROUP **$272,453.02**

And I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of the Canada Evidence Act. Dated at North Vancouver in the Province of British Columbia this 19 day of January 2001.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
M. A. STAMMERS
GEOSCIENTIST

Michael A. Stammers, P.Geo.

APPENDIX D
AUGER SAMPLE COLLECTION PROCEDURES

Appendix D

Auger Sample Collection

Introduction

The purpose of this document is to introduce general principles and provide guidelines for collecting top-of-bedrock samples using a track-mounted power auger. It is recognized that, in detail, there are an infinite number of situations where geological materials can be sampled. Not all of these conditions can be anticipated or covered in this document. Instead, general guidelines are provided with the proviso that local conditions may require modifications to the recommended procedures. When this happens, it is necessary to consider the objectives and theory of sampling, as well as adjust interpretations accordingly.

The following treatment deals with the act of sampling, beginning when the drill starts turning and ending when the sample is shipped to a laboratory. Excluded from this discussion are: justification for a survey, sample density, logistical considerations, elements to be determined etc.

General Objectives

1) To identify general areas of mineralization that has been buried by overburden that masks a geochemical response at surface.
2) In order to achieve objective 1, we must obtain a representative sample, at specified grid intervals, from the top of bedrock with a minimum of contaminating material from the overlying overburden or other sources.

Drilling

1) Locate the intended sample site. This may be on a cut grid line, on a compass and hip chain line, or at a location defined by GPS coordinates.
2) Position the drill as near to the designated grid location as is practical; however, do not sacrifice the efficiency of drilling just to locate the sample at the precise point. Take advantage of the local topography and access to obtain an optimum sample site. If possible, do not offset the drill site from the intended site by more than 20 m; however, in some cases even larger offsets can be tolerated and the sites adjusted accordingly.
3) It can be useful to survey in the next drill site while the drill is operating; however it is important that the sampling not be compromised by inattention while surveying. With only one person on the drill, besides the driller, it may be necessary to give full attention to the drilling and sampling, and only begin surveying the next site once the sampling is completed.
4) As the drill advances, monitor the material being drilled. This can be done by:

a) Asking the driller – he can often generally identify material by drilling characteristics.
b) Examine that cuttings that rise to the surface; but, remember that what rises to the surface may be different from the material currently at the drill bit.
c) Wash some drill material to examine coarse fragments.

5) Once you believe that you are in bedrock, attempt to continue to a total depth of five feet of bedrock drilled.

6) Raise the drill to expose the last flight of auger, with the bit.

7) If the interval is clearly bedrock, sample that material (see item 9).

8) If you are uncertain, wash some sample material. Use the following criteria, plus any other you can think of, to determine if the material is bedrock.

Washing a sample

The drill pulverizes bedrock. This rock powder, combined with fine-grained overburden and water creates a slurry that is difficult to examine. Washing and examining the coarser grains can prove very useful for identifying the type of sample material.

First, place a few handfuls of sample material on a classifying sieve (black, gold pan-shaped with a mesh bottom (normally 40 mesh)). Agitate this material, partially submerged, in water. This is normally done in a 45 gallon barrel, half full of water, that is on the drill rig for this purpose. Examine the fragments that are on the screen.

Bedrock Material	Overburden Material
- only one or two different lithologies	- multiple lithologies
- angular fragments (created by drill)	- rounded fragments

- While you may be drilling in bedrock, rounded or exotic lithologies can fall into the hole, or be caught in the sample as the drill rods are raised. In fact, some contamination from overlying overburden is probably unavoidable.
- Some angular faces do not necessarily indicate bedrock. Larger well rounded (transported) fragments can be broken up by the drill and these will be angular. Look for a few faces that are rounded to identify transported material.

Sampling

9) When you are ready to sample, place a large plastic container under the raised drill bit.

10) Lower the bit to near the bottom of the container (without piercing it).

An entire five foot flight, full of sample, would contain approximately 20 kg of material, which would represent to much material for a single sample. When the flights are more than half full of material, some material must be discarded before sampling begins. Have the driller clean/removed material from the **top** of the flight until no more than 6-8 kg of material remains on the flight.

11) The driller will slowly turn the auger and, with his gloved hands, wipe sample material into the container.
12) Once all of the material from the auger flight is removed, the driller will clean the bit into the container. This typically is done first with a hammer, then with a brush, if necessary.
13) Remove the container from below the drill.
14) Remove a representative subset (~10 percent) of the sample and place it on the washing sieve. Take small portions from various locations in the sample (top, bottom, sides).
15) Wash this sample and examine it.
16) If you are still in overburden, discard the sample and continue drilling.
17) If you are in bedrock, set the sieve aside, without discarding the coarse fragments.
18) Place all of the remaining material from the sampling container into a numbered sample bag that contains the appropriate sample tag. See field data cards section.
19) I it is important that all of the sample material be transferred from the sampling container to the sample bag.
20) If a collected sample is too large to fit into a sample bag, split the sample between two bags, number the bags with the same sample number (1 of 2 and 2 of 2) and tie the bags together
21) To insure that all of the sample is transferred to the sample bag, wash out the remaining material from the container, and from any tools that are used, into the sample bag.
22) At the present time, plastic sample bags are being used. Plastic bags are good in that no fine-grained material can leak out; however, the samples will not dry in a plastic bag. Cloth bags allow the samples to drain and dry before shipping. Cloth, or synthetic, bags may be used in the future, provided they do not loose too many fines.
23) Regardless of the type of bag, the bags should be a large as possible to handle over-sized samples, to have a wide mouth for ease of filling, and to allow an excess of wash water into the bag, without overflow.
24) Filled sample bags should be securely fastened, either with plastic locking straps (for plastic bags) or tie strings for cloth or synthetic bags. Make sure the neck of the bag is completely closed off to leakage.

A particular problem is introduced if more material is collected than can fit into the sample bag. In this situation, it is extremely dangerous to simple fill the bag until it is full, and discard the remainder. While the pile of sample material is handled to fill the bag, different grain sizes will segregate in the pile. The coarsest fragments will tend to go into the bag and the finer fragments will settle to the bottom of the sample pile and eventually will be discarded. This could impart a significant bias to the sample in the bag.

Character Samples

25) The coarse material on the washing sieve should be saved as a character sample.
26) Place the coarse material into a paper soil sample bag. Number this bag with the same number as the sample, but add "character sample". Also insert the second sample number tag into this bag.
27) The character sample is later examined to complete the sample lithology and alteration sections of the field data card (see below).

Mark the site

28) Tie a combination of pink and blue flagging onto a live tree/bush near the drill hole.
29) Attach, near the flagging, a metal tag with the sample number inscribed.

Field Data Cards

30) Use "ROCK SAMPLE" field date cards for auger samples.
31) Each field data card has a pre-assigned unique sample number, provided the sample number prefix is used. Use this sample number (including the prefix) to reference the samples.
32) Complete the cards as follows:
Project name
Sampler
Date
State (Province)
UTME, UTMN, and UTM Zone. These should be GPS coordinates of the actual drill hole. Write "GPS" in the margin to insure clarity as to what coordinates these are. If there are also local grid coordinate or other locational information, record these in the "description" section of the card. Be sure to include *what grid* for local grid coordinates.
DESCRIPTION. Record locational information, drilling information, and comments on the type of material sample and the confidence level in that call (bedrock, contamination, how much). The driller records a drill log for each hole (for the mining recorder). This information, perhaps as a graphic log, could be recorded here. Be sure to include the interval sampled (from-to) in this section.
ALTERATION/MINERALIZATION PRODUCTS. Based on examination of the character samples, record the major lithologies encountered. Provide estimated percentages when multiple lithologies are encountered. Also record the degree of rounding, by lithology/percentage in this section.
Record any alteration observed: type, intensity, percentage, and parent litholgy.
STRUCTURE is not normally determined in auger samples; however, any structural information observed along the sample line should be recorded here.

Sample Care

33) Transport the samples back to base at the earliest opportunity.
34) Dry the samples. Find a place outdoor, preferably in the sun, but under eaves so they will not become wet with rain.
    a) If the sample is in a plastic bag, open the bag top to allow separation and evaporation. When clear water is standing on top of the sample material, the clear water can be gently decanted. Mix the material every few days to accelerate drying.
    b) If the sample is in a cloth or synthetic bag, suspend the bag to allow drainage and drying.

Sample Shipping

35) Just prior to shipping, place 4-8 consecutively numbered samples in a rice sample bag (do not exceed a total weight of 60 pounds).
36) Tie the rice bag close to the top of sample to minimize shifting of the samples in the rice bag.
37) Label the rice bag
    a) To: Chemex (address)
    b) Sample type (auger samples)
    c) Sample number sequence.
    d) Bag x of y, where x is the sequential bag number in the shipment and y is the total number of bags in the shipment.
38) Complete a sample submittal form with the following
    a) geologist
    b) project (only one project (JV) per submittal
    c) telephone and fax for reporting of results.
    d) Billing location
    e) Specify samples are to be prepared as rocks
        - crush entire sample to < 10 mesh
        - spit off 250 g (riffle splitter)
        - pulverize the 250 g split.
39) Gold analysis to be by Chemex code 983 (30 g FA/AA).
40) Any trace elements will be determined later.
41) Ship the samples

APPENDIX E

ANALYTICAL PROCEDURES AND CERTIFICATES OF ANALYSIS

ALS Chemex

Sample Preparation Procedure - Sieve Screening

Method: Sieving

Geochemical samples (soils, stream sediments, silts) are dried and then hammered to disaggregate any clumps. The samples are then placed in a stainless steel sieve and shaken from side-to-side until as much minus fraction as possible has been extracted.

The sieve size opening determines which code will be applied.

Chemex Code	Rush Code	Parameter	Opening Size (Microns)	Tyler Mesh Size
*240		Sieve to -10 Mesh	1700	10
3291		Sieve to -20 Mesh	850	20
*203	*243	Sieve to -35 Mesh	425	35
204		Sieve to -60 Mesh	250	60
201	241	Sieve to -80 Mesh	180	80
1338		Sieve to -100 Mesh	150	100
216		Sieve to -150 Mesh	106	150
230		Sieve to -200 Mesh	75	200
254		Sieve to -250 Mesh	63	250
3254		Sieve to -270 Mesh	53	270

*Note: Samples typically undergo further particle size reduction prior to laboratory analysis.

ALS Chemex

Sample Preparation Procedure - Save Reject

Rejects will be retained at customers' sole risk for a minimum of 90 days. After this time further instructions from the client will be necessary. If a request has been made to return the reject, Chemex will, when possible, coordinate these shipments with our sample pick-up service.

Chemex will take all reasonable care to protect samples during analysis and storage but shall incur no liability for loss or damage thereto from any cause whatsoever.

Method: Sample Storage

For geochemical samples (soils, silts, humus), the reject, the plus fraction after sieving, is archived in a suitable container for future reference.

For rock chips, core and rvc samples, the reject (entire or representative split) can be stored as follows after crushing and splitting:

- 1kg of reject can be extracted with a riffle splitter and stored for up to 90 days
- the entire reject can be stored for up to 90 days
- the entire reject is retained and returned to the client

Chemex Code	Parameter
202	Geochemical - Save Reject Sample
3204	Rock - Save 1kg of Reject for 90 days
3202	Rock - Save Entire Reject (1-12 kg sample)
3205	Rock - Save Entire Reject (> 13 kg sample)
3203	Rock - Save Entire Reject and Return

ALS Chemex

Sample Preparation Procedure - Received as Pulp

Pulp samples are tested to determine if they meet the Chemex quality control requirement that greater than 90% of the pulp material pass through a 106 micron (Tyler 150 mesh) screen. If samples are found to fail these requirements, the client is notified. If requested, the sample may be run without any further preparation. Analytical work begins following consultation with the client.

Chemex Code	Parameter
214	Pulp Sample - Mesh Size Check
225	Run as received

May 15, 2000

ALS Chemex

Sample Preparation Procedure - Crushing

Method: Crushing

The entire sample is passed through a primary crusher to yield a crushed product of which greater than 60% is less than approximately 2mm. A split (split size is determined by the final preparation method and analysis requested) is then taken using a stainless steel riffle splitter.

The crushing code indicates the weight of the original sample.

Chemex Code	Rush Code	Parameter	Sample Weight (lb)	Sample Weight (kg)
226	295	0-3 kg Crush and Split	0 - 6	0 - 3
294	272	4-7 kg Crush and Split	7 - 15	4 - 7
276	293	8-12 kg Crush and Split	16 - 25	8 - 12
273	271	13-18 kg Crush and Split	26 - 40	13 -18
270		19-26 kg Crush and Split	41 - 60	19 - 26
278		27-36 kg Crush and Split	61 -79	27 - 36

ALS Chemex

Sample Preparation Procedure - Ring Grinding

Method: Grinding

A crushed sample split (200 - 300 grams) is ground using a ring mill pulverizer with a chrome steel ring set. The Chemex specification for this procedure is that greater than 95% of the ground material passes through a 106 micron (Tyler 150 mesh) screen. Grinding with chrome steel may impart trace amounts of iron and chromium into a sample.

Chemex Code	Rush Code	Parameter
208	258	Assay Grade Ring Grind
205	255	Geochemical Ring Grind

ALS Chemex

Fire Assay Procedure - Trace Gold

Sample Decomposition: Fire Assay Fusion
Analytical Method: Atomic Absorption Spectroscopy (AAS)

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required inquarted with 6 mg of gold-free silver and then cupelled to yield a precious metal bead.

The bead is digested for ½ hour in dilute nitric acid. Hydrochloric acid is then added and the solution is digested for an additional hour. The digested solution is cooled, diluted to 7.5 ml with demineralized water, homogenized and then analyzed by atomic absorption spectrometry.

International Units:

Routine Code	Rush Code	Element	Sample Weight (grams)	Symbol	Detection Limit	Upper Limit
100	990	Gold	10	Au	5 ppb	10,000 ppb
96	1090	Gold	10	Au	0.005 ppm	10 ppm
983	991	Gold	30	Au	5 ppb	10,000 ppb
99	1091	Gold	30	Au	0.005 ppm	10 ppm
494	1209	Gold	30	Au	0.005 g/t	10 g/t
3583		Gold	50	Au	5 ppb	10,000 ppb
3584		Gold	50	Au	0.005 ppm	10 ppm
3594		Gold	50	Au	0.005 g/t	10 g/t

American/English Units:

Routine Code	Rush Code	Element	Sample Weight (grams)	Symbol	Detection Limit	Upper Limit
877	1977	Gold	30	Au	0.0002 oz/ton	0.3 oz/ton

ALS Chemex

Geochemical Procedure - G132 Package

Sample Decomposition: Aqua Regia Digestion
Analytical Method: Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP - AES)
Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)

A prepared sample (0.50 grams) is digested with aqua regia for at least one hour in a hot water bath. After cooling, the resulting solution is diluted to 15ml with demineralized water, mixed and analyzed by inductively coupled plasma-atomic emission spectrometry. Following this analysis, the results are reviewed to ensure that base metal concentrations are less than 1%, with the exception of silver, bismuth, and tungsten which have upper analytical limits of 100, 500 and 1000 ppm, respectively. Samples that meet these criteria are then diluted and analysed by ICP-MS. Samples which exceed the Upper Limits as outlined below will be treated as regular G32 digestions and all detection limits will apply as per that method. The analytical results are corrected for inter-element spectral interferences.

Chemex Code		Element	Symbol	Detection Limit	Upper Limit	Analytical Technique
229		ICP-AQ Digestion	n/a	n/a	n/a	
9201	*	Aluminum	Al	0.01%	15 %	AES
9202	*	Antimony	Sb	0.05 ppm	1 %	AES+MS
9203		Arsenic	As	0.1 ppm	1 %	AES+MS
9235		Boron	B	10 ppm	10,000 ppm	AES
9204	*	Barium	Ba	0.2 ppm	1 %	AES
9205	*	Beryllium	Be	0.05 ppm	100 ppm	AES
9206		Bismuth	Bi	0.01 ppm	1 %	AES+MS
9207		Cadmium	Cd	0.01 ppm	500 ppm	AES+MS
9208	*	Calcium	Ca	0.01%	15 %	AES
9209	*	Chromium	Cr	1 ppm	1 %	AES
9210		Cobalt	Co	0.1 ppm	1 %	AES
9211		Copper	Cu	0.2 ppm	1 %	AES+MS
9212	*	Gallium	Ga	0.05 ppm	1 %	AES+MS
9213		Germanium	Ge	0.05 ppm	500 ppm	MS
9214		Iron	Fe	0.01%	15 %	AES
9215	*	Lanthanum	La	0.2 ppm	1 %	AES
9216		Lead	Pb	0.2 ppm	1 %	AES
9217	*	Magnesium	Mg	0.01%	15 %	AES
9218		Manganese	Mn	5 ppm	1 %	AES
9219		Mercury	Hg	0.01 ppm	1 %	AES+MS

ALS Chemex

Geochemical Procedure - G132 Package *(con't)*

Chemex Code		Element	Symbol	Detection Limit	Upper Limit	Analytical Technique
9220		Molybdenum	Mo	0.05 ppm	1 %	AES+MS
9221		Nickel	Ni	0.5 ppm	1 %	AES
9222		Phosphorus	P	10 ppm	1 %	AES
9223	*	Potassium	K	0.01%	10 %	AES
9238	†	Rhenium	Re	0.001 ppm	50 ppm	MS
9224	*	Scandium	Sc	0.1 ppm	1 %	AES
9237		Selenium	Se	0.2 ppm	1,000 ppm	MS
9225		Silver	Ag	0.01 ppm	100 ppm	AES+MS
9226	*	Sodium	Na	0.01%	10 %	AES
9227	*	Strontium	Sr	0.2 ppm	1 %	AES
9236		Sulfur	S	0.01 %	5 %	AES
9228		Tellurium	Te	0.01 ppm	500 ppm	MS
9229	*	Thallium	Tl	0.02 ppm	1 %	AES+MS
9230	*	Titanium	Ti	0.01%	10 %	AES
9231	*	Tungsten	W	0.05 ppm	1 %	AES+MS
9232		Uranium	U	0.05 ppm	1 %	AES+MS
9233		Vanadium	V	1 ppm	1 %	AES
9234		Zinc	Zn	2 ppm	1 %	AES

*Elements for which the digestion is possibly incomplete.

†Reported upon request.

MS - Results are from the ICP-MS Scan
AES - Results are from the ICP-AES Scan
AES+MS - Results are a combination of ICP-AES and ICP-MS scans

ALS Chemex

Chemex Labs, Inc.
Analytical Chemists * Geochemists * Registered Assayers
994 Glendale Ave., Unit 3, Sparks
Nevada, U.S.A. 89431
PHONE: 775-356-5395 FAX: 775-355-0179

To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

A0023561

Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN / LINDA CARMICHAEL

CERTIFICATE A0023561

(TNFA) - NEWMONT EXPLORATION LIMITED

Project: AUREX [illegible]
P.O. # : 21340

Samples submitted to our lab in Vancouver, BC.
This report was printed on 26-JUL-2000.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	23	Dry, sieve to -80 mesh
202	23	save reject

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	23	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
9201	23	Al %: ICP + ICP-MS package	ICP	0.01	15.00
9202	23	Sb ppm: ICP + ICP-MS package	ICP-MS/ICP	0.1	10000
9203	23	As ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9204	23	Ba ppm: ICP + ICP-MS package	ICP	10	10000
9205	23	Be ppm: ICP + ICP-MS package	ICP	0.05	100.0
9206	23	Bi ppm: ICP + ICP-MS package	ICP-MS/ICP	0.01	10000
9235	23	B ppm: ICP + ICP-MS package	ICP	10	10000
9207	23	Cd ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	500
9208	23	Ca %: ICP + ICP-MS package	ICP	0.01	15.00
9209	23	Cr ppm: ICP + ICP-MS package	ICP	1	10000
9210	23	Co ppm: ICP + ICP-MS package	ICP	0.2	10000
9211	23	Cu ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9212	23	Ga ppm: ICP + ICP-MS package	ICP-MS/ICP	0.1	10000
9213	23	Ge ppm: ICP + ICP-MS package	ICP-MS	0.1	500
9214	23	Fe %: ICP + ICP-MS package	ICP	0.01	15.00
9215	23	La ppm: ICP + ICP-MS package	ICP	10	10000
9216	23	Pb ppm: ICP + ICP-MS package	ICP	2	10000
9217	23	Mg %: ICP + ICP-MS package	ICP	0.01	15.00
9218	23	Mn ppm: ICP + ICP-MS package	ICP	5	10000
9219	23	Hg ppm: ICP + ICP-MS package	ICP-MS/ICP	0.01	10000
9220	23	Mo ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9221	23	Ni ppm: ICP + ICP-MS package	ICP	1	10000
9222	23	P ppm: ICP + ICP-MS package	ICP	10	10000
9223	23	K %: ICP + ICP-MS package	ICP	0.01	10.00
9224	23	Sc ppm: ICP + ICP-MS package	ICP	1	10000
9237	23	Se ppm: ICP + ICP-MS package	ICP-MS	0.5	1000
9225	23	Ag ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	100.0
9226	23	Na %: ICP + ICP-MS package	ICP	0.01	10.00
9227	23	Sr ppm: ICP + ICP-MS package	ICP	1	10000
9236	23	S %: ICP + ICP-MS package	ICP	0.01	5.00
9228	23	Te ppm: ICP + ICP-MS package	ICP-MS	0.05	500
9229	23	Tl ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	10000
9230	23	Ti %: ICP + ICP-MS package	ICP	0.01	10.00
9231	23	W ppm: ICP + ICP-MS package	ICP-MS/ICP	0.05	10000
9232	23	U ppm: ICP + ICP-MS package	ICP-MS/ICP	0.05	10000
9233	23	V ppm: ICP + ICP-MS package	ICP	1	10000
9234	23	Zn ppm: ICP + ICP-MS package	ICP	2	10000

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: NEWMONT METALLURGICAL SERVICES

10101 E DRY CREEK RD.
ENGLEWOOD, COLORADO
80112

Page Number :1-A
Total Pages :2
Certificate Date: 23-JUN-2000
Invoice No. :I0020826
P.O. Number :21340
Account :PNX

Project : AUREX
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN CC: LINDA CARMICHAEL

CERTIFICATE OF ANALYSIS A0020826

SAMPLE	PREP CODE		Au ppb FA+AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
3001	201	202	15	1.26	1.2	48.2	170	0.25	0.27	< 10	0.16	0.10	20	8.6	22.2	2.5	< 0.1	2.28	< 10	14	0.33
3002	201	202	10	1.36	1.8	107.0	220	0.40	0.45	< 10	0.24	0.22	22	9.0	42.6	3.1	< 0.1	2.73	10	24	0.39
3003	201	202	< 5	1.39	0.5	10.8	190	0.25	0.17	< 10	0.08	0.12	23	5.8	14.4	3.6	< 0.1	2.27	10	10	0.37
3004	201	202	< 5	1.42	0.5	11.0	190	0.25	0.15	< 10	0.08	0.08	23	5.2	13.0	3.8	< 0.1	2.40	10	10	0.34
3005	201	202	< 5	0.87	0.6	12.6	150	0.20	0.10	< 10	0.06	0.21	16	5.0	17.8	2.0	< 0.1	1.70	10	6	0.29
3006	201	202	< 5	1.53	0.6	12.0	190	0.30	0.18	< 10	0.08	0.11	25	5.4	17.0	4.1	< 0.1	2.47	10	10	0.37
3007	201	202	15	1.42	8.8	200.0	140	0.45	0.50	< 10	0.42	0.56	27	17.8	46.4	3.5	< 0.1	3.34	30	26	0.62
3008	201	202	15	1.33	4.0	83.4	340	0.35	0.33	< 10	0.18	0.33	25	10.6	30.4	3.1	< 0.1	2.59	10	14	0.44
3009	201	202	< 5	1.03	3.2	83.6	180	0.25	0.31	< 10	0.20	0.30	20	6.2	18.4	2.6	< 0.1	1.96	10	10	0.37
3010	201	202	< 5	1.75	6.2	94.2	120	0.25	0.27	< 10	0.16	0.31	76	15.6	35.4	4.4	< 0.1	3.39	10	8	1.09
3011	201	202	< 5	1.41	2.6	23.6	230	0.30	0.17	< 10	0.06	0.33	40	10.0	23.8	3.3	< 0.1	2.41	20	10	0.65
3012	201	202	25	1.19	3.3	41.6	210	0.30	0.17	< 10	0.08	0.26	26	7.2	24.8	2.7	< 0.1	2.19	10	10	0.48
3013	201	202	< 5	1.39	1.3	28.4	190	0.30	0.27	< 10	0.12	0.16	20	9.2	25.8	3.4	< 0.1	2.77	20	12	0.43
3014	201	202	10	0.95	3.9	104.5	110	0.25	0.37	< 10	0.08	0.33	15	10.4	29.6	2.0	< 0.1	2.94	40	18	0.31
3015	201	202	< 5	1.47	1.1	25.8	320	0.35	0.21	< 10	0.16	0.33	23	9.2	22.0	3.6	< 0.1	2.48	10	12	0.40
3016	201	202	< 5	2.22	2.7	265	250	0.25	0.51	< 10	0.30	0.35	84	21.6	12.8	6.0	< 0.1	3.95	< 10	14	1.31
3017	201	202	< 5	1.89	0.7	54.0	320	0.45	0.27	< 10	0.18	0.37	55	11.6	22.8	4.3	< 0.1	2.96	10	12	0.66
3018	201	202	< 5	1.63	0.9	36.8	210	0.40	0.22	< 10	0.10	0.10	25	8.2	20.4	3.3	< 0.1	2.75	10	12	0.36
3019	201	202	< 5	1.51	0.9	27.8	220	0.40	0.23	< 10	0.14	0.15	25	9.0	26.0	3.2	< 0.1	2.75	10	16	0.42
3020	201	202	5	1.20	1.2	28.8	340	0.30	0.28	< 10	0.50	0.52	23	10.4	34.8	2.8	< 0.1	2.57	10	18	0.46
3021	201	202	< 5	1.52	0.8	12.0	270	0.50	0.19	< 10	0.08	0.23	27	8.6	28.6	3.3	< 0.1	2.67	10	12	0.47
3022	201	202	< 5	0.76	0.6	4.4	130	0.20	0.10	< 10	0.16	0.28	14	5.0	17.0	1.8	< 0.1	1.18	10	6	0.29
3023	201	202	10	1.09	7.9	42.0	250	0.20	0.19	< 10	0.14	0.23	20	7.0	23.2	2.5	< 0.1	2.08	10	14	0.40
3024	201	202	< 5	1.59	1.0	29.6	130	0.45	0.15	< 10	0.14	0.08	41	9.2	25.0	3.7	< 0.1	2.78	10	6	0.49
3025	201	202	< 5	0.91	1.6	24.4	220	0.25	0.17	< 10	0.16	0.47	19	8.2	17.4	2.3	< 0.1	1.90	10	8	0.33
3026	201	202	5	1.04	3.0	35.6	140	0.25	0.18	< 10	0.12	0.11	18	8.4	24.6	2.5	< 0.1	2.16	20	10	0.39
3027	201	202	< 5	0.92	2.1	13.6	250	0.20	0.12	< 10	0.14	0.36	16	5.4	14.6	2.2	< 0.1	1.68	10	6	0.31
3028	201	202	< 5	1.23	1.6	31.0	150	0.25	0.23	< 10	0.06	0.13	18	9.4	26.8	2.9	< 0.1	2.95	30	12	0.40
3029	201	202	< 5	1.34	0.9	13.2	150	0.30	0.23	< 10	0.08	0.06	18	6.8	23.2	3.5	< 0.1	2.42	20	16	0.34
3030	201	202	< 5	1.62	0.7	29.4	350	0.30	0.21	< 10	0.18	0.14	25	8.2	15.0	3.8	< 0.1	2.66	< 10	10	0.37
3031	201	202	< 5	1.75	0.5	17.2	250	0.40	0.22	< 10	0.20	0.14	25	6.6	9.0	4.8	< 0.1	2.51	< 10	10	0.33
3032	201	202	10	1.21	0.7	18.4	270	0.35	0.19	< 10	0.06	0.25	22	7.0	19.2	3.0	< 0.1	2.07	10	14	0.39
3033	201	202	10	1.41	1.6	87.2	120	0.25	0.54	< 10	0.16	0.09	27	7.4	20.2	3.9	< 0.1	3.21	< 10	12	0.37
3034	201	202	< 5	1.50	0.7	22.6	180	0.25	0.18	< 10	0.10	0.16	24	7.2	15.8	3.3	< 0.1	2.63	< 10	10	0.37
3035	201	202	< 5	0.79	0.5	8.4	220	0.20	0.10	< 10	0.08	0.40	14	5.2	14.0	1.9	< 0.1	1.45	< 10	6	0.28
3036	201	202	< 5	1.04	3.0	53.6	210	0.30	0.32	< 10	0.66	1.20	20	9.6	36.6	2.6	< 0.1	2.48	10	20	0.76
3037	214	--	6940	1.63	722	692	420	1.45	1.38	< 10	1.72	1.96	154	15.6	140.0	7.3	< 0.1	2.80	< 10	444	0.07
3051	201	202	55	0.97	3.1	80.0	200	0.15	0.60	< 10	0.32	0.13	18	4.0	7.4	4.4	< 0.1	2.04	< 10	10	0.21
3052	201	202	20	0.71	1.7	26.8	130	0.15	0.20	< 10	0.16	0.37	16	5.2	12.6	1.7	< 0.1	1.59	10	14	0.34
3053	201	202	< 5	0.82	0.8	24.2	80	0.10	0.12	< 10	0.06	0.27	17	3.8	12.4	2.1	< 0.1	1.66	< 10	10	0.35

CERTIFICATION:

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: NEWMONT METALLURGICAL SERVICES

10101 E DRY CREEK RD.
ENGLEWOOD, COLORADO
80112

Page Number :1-B
Total Pages :2
Certificate Date: 23-JUN-2000
Invoice No. :I0020826
P.O. Number :21340
Account :PNX

Project : AUREX
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN CC: LINDA CARMICHAEL

CERTIFICATE OF ANALYSIS A0020826

SAMPLE	PREP CODE		Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
3001	201	202	170	0.01	1.0	20	250	0.03	1	< 0.5	0.26	< 0.01	8	< 0.01	< 0.05	0.06	0.02	0.30	0.30	31	54
3002	201	202	315	0.07	1.2	26	330	0.04	3	< 0.5	0.50	< 0.01	11	0.01	0.05	0.14	0.01	0.25	0.55	36	100
3003	201	202	135	0.03	0.8	16	410	0.03	1	< 0.5	0.10	< 0.01	10	< 0.01	< 0.05	0.06	0.03	0.25	0.45	40	50
3004	201	202	120	0.02	0.8	14	320	0.03	1	< 0.5	0.06	< 0.01	8	< 0.01	< 0.05	0.06	0.03	0.20	0.40	44	48
3005	201	202	150	0.04	0.4	15	520	0.02	1	< 0.5	0.02	< 0.01	13	< 0.01	< 0.05	0.02	0.02	0.15	0.45	24	36
3006	201	202	115	0.03	1.0	16	440	0.03	1	< 0.5	0.06	< 0.01	10	< 0.01	< 0.05	0.08	0.03	0.20	0.50	46	50
3007	201	202	640	0.04	0.8	38	590	0.06	2	< 0.5	0.22	< 0.01	20	< 0.01	0.05	0.06	0.01	0.20	0.40	20	98
3008	201	202	430	0.09	1.0	25	580	0.04	3	< 0.5	0.28	< 0.01	20	< 0.01	< 0.05	0.04	0.03	0.30	1.25	34	66
3009	201	202	250	0.04	0.8	16	590	0.05	1	< 0.5	0.20	< 0.01	21	0.01	< 0.05	0.06	0.01	0.40	0.50	26	62
3010	201	202	495	0.05	0.6	52	670	0.08	2	< 0.5	0.14	< 0.01	20	< 0.01	< 0.05	0.10	0.07	0.30	0.50	31	74
3011	201	202	260	0.04	0.8	29	470	0.04	2	< 0.5	0.18	< 0.01	30	< 0.01	< 0.05	0.04	0.01	0.15	0.90	27	52
3012	201	202	240	0.07	0.6	23	550	0.04	2	< 0.5	0.14	< 0.01	19	< 0.01	< 0.05	0.04	0.02	0.30	0.65	25	54
3013	201	202	310	0.04	1.0	21	540	0.04	1	< 0.5	0.10	< 0.01	17	0.01	< 0.05	0.04	0.01	0.20	0.75	24	62
3014	201	202	365	0.06	0.6	25	580	0.06	2	< 0.5	0.08	< 0.01	27	< 0.01	< 0.05	0.06	0.01	0.15	0.95	18	70
3015	201	202	575	0.13	1.0	23	530	0.04	3	< 0.5	0.10	< 0.01	28	0.01	< 0.05	0.06	0.01	0.35	1.65	36	58
3016	201	202	710	0.01	1.2	37	330	0.25	4	< 0.5	0.06	< 0.01	18	< 0.01	< 0.05	0.34	0.08	0.20	0.50	62	218
3017	201	202	385	0.06	0.8	27	440	0.04	3	< 0.5	0.16	< 0.01	19	< 0.01	< 0.05	0.10	0.03	0.20	0.85	49	76
3018	201	202	155	0.01	1.0	21	200	0.03	2	< 0.5	0.06	< 0.01	8	< 0.01	< 0.05	0.06	0.02	0.30	0.30	40	50
3019	201	202	290	0.02	1.2	22	190	0.03	2	< 0.5	0.14	< 0.01	8	< 0.01	< 0.05	0.08	0.01	0.15	0.35	39	68
3020	201	202	270	0.10	0.6	28	400	0.05	3	1.0	0.36	< 0.01	19	0.02	< 0.05	0.06	0.01	0.15	0.75	34	72
3021	201	202	295	0.11	1.4	23	240	0.04	4	< 0.5	0.20	< 0.01	12	< 0.01	< 0.05	0.06	0.01	0.20	1.55	39	66
3022	201	202	80	0.05	0.2	14	580	0.03	1	< 0.5	0.06	< 0.01	24	0.01	< 0.05	0.02	0.03	0.15	1.60	23	44
3023	201	202	290	0.08	0.6	19	540	0.03	2	< 0.5	0.30	< 0.01	17	< 0.01	< 0.05	0.04	0.02	0.20	0.55	27	58
3024	201	202	215	0.04	0.8	27	260	0.03	2	< 0.5	0.06	< 0.01	9	< 0.01	< 0.05	0.06	0.05	0.20	0.45	40	54
3025	201	202	505	0.06	0.8	18	500	0.03	2	< 0.5	0.14	< 0.01	39	0.04	< 0.05	0.02	0.01	0.65	0.90	25	50
3026	201	202	250	0.05	0.6	19	390	0.03	1	< 0.5	0.06	< 0.01	10	< 0.01	< 0.05	0.04	0.02	0.20	0.55	19	58
3027	201	202	155	0.07	0.4	13	650	0.02	1	< 0.5	0.10	< 0.01	31	0.02	< 0.05	0.04	0.01	0.25	1.60	25	48
3028	201	202	335	0.05	0.6	22	400	0.04	2	< 0.5	0.08	< 0.01	14	< 0.01	< 0.05	0.02	0.02	0.15	1.05	21	64
3029	201	202	235	0.05	0.8	17	320	0.03	2	< 0.5	0.20	< 0.01	8	< 0.01	< 0.05	0.06	0.02	0.20	0.65	29	52
3030	201	202	160	0.02	1.0	19	150	0.03	2	< 0.5	0.08	< 0.01	11	< 0.01	< 0.05	0.08	0.02	0.20	0.30	46	68
3031	201	202	175	0.02	1.6	13	210	0.02	1	< 0.5	0.18	< 0.01	9	< 0.01	< 0.05	0.10	0.02	0.30	0.35	55	76
3032	201	202	150	0.10	0.8	17	470	0.03	3	< 0.5	0.16	< 0.01	14	< 0.01	< 0.05	0.06	0.02	0.20	0.65	34	50
3033	201	202	210	0.03	1.6	24	400	0.03	2	< 0.5	0.10	< 0.01	9	< 0.01	0.05	0.10	0.03	0.35	0.35	49	62
3034	201	202	155	0.03	0.8	17	270	0.03	1	< 0.5	0.08	< 0.01	10	< 0.01	< 0.05	0.08	0.02	0.30	0.40	41	52
3035	201	202	235	0.06	0.2	13	550	0.02	1	< 0.5	0.10	< 0.01	17	0.01	< 0.05	0.02	0.01	0.15	0.75	22	32
3036	201	202	465	0.09	1.2	26	760	0.16	3	0.5	0.40	< 0.01	27	0.02	< 0.05	0.10	0.01	0.25	0.45	29	102
3037	214	--	25	0.63	17.0	92	9480	0.34	3	5.0	0.64	0.01	408	0.42	0.20	7.28	< 0.01	52.6	12.75	644	202
3051	201	202	185	0.02	1.2	9	190	0.03	< 1	< 0.5	0.16	< 0.01	10	< 0.01	< 0.05	0.10	0.03	0.85	0.20	56	56
3052	201	202	110	0.05	0.6	13	690	0.03	1	< 0.5	0.26	< 0.01	18	< 0.01	< 0.05	0.06	0.03	0.35	0.40	24	62
3053	201	202	135	0.04	0.6	13	560	0.02	1	< 0.5	0.08	< 0.01	15	< 0.01	< 0.05	0.04	0.03	0.15	0.25	26	40

CERTIFICATION:

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SAMPLE	PREP CODE		Au ppb FA+AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
3054	201	202	< 5	1.54	1.0	32.6	290	0.25	0.21	< 10	0.18	0.37	23	8.4	31.0	3.4	< 0.1	2.53	< 10	12	0.40
3055	201	202	< 5	1.78	0.7	16.4	300	0.35	0.20	< 10	0.08	0.14	27	8.6	20.4	4.0	< 0.1	2.88	10	12	0.44
3056	201	202	< 5	1.56	1.2	98.4	300	0.50	0.35	< 10	0.44	0.57	22	11.6	37.4	3.8	< 0.1	2.72	10	22	0.44
3057	201	202	< 5	1.88	2.4	223	270	0.45	0.48	< 10	0.24	0.16	34	13.6	38.0	4.3	< 0.1	3.38	10	18	0.72
3058	201	202	< 5	1.34	0.8	27.4	190	0.20	0.17	< 10	0.12	0.20	22	6.8	24.6	3.4	< 0.1	2.54	10	10	0.33
3059	201	202	< 5	1.27	0.7	26.2	220	0.25	0.17	< 10	0.06	0.14	22	5.8	22.4	2.8	< 0.1	2.19	10	10	0.37
3060	201	202	10	0.80	2.0	102.0	80	0.15	0.26	< 10	0.10	0.17	15	5.4	19.6	1.7	< 0.1	1.71	< 10	8	0.27
3061	201	202	15	0.85	2.2	87.4	170	0.20	0.30	< 10	0.18	0.28	17	6.0	24.0	2.0	< 0.1	1.91	10	12	0.33
3062	201	202	15	1.67	5.9	132.0	480	0.35	0.38	< 10	0.50	0.30	32	11.2	28.8	4.0	< 0.1	2.13	10	18	0.52
3063	201	202	< 5	0.98	0.7	14.4	150	0.15	0.14	< 10	0.06	0.18	17	5.8	15.8	2.7	< 0.1	2.10	10	8	0.32
3064	201	202	< 5	0.72	0.8	29.8	150	0.15	0.16	< 10	0.10	0.49	14	5.8	16.2	1.8	< 0.1	1.56	< 10	6	0.31
3065	201	202	< 5	1.63	0.5	17.2	210	0.25	0.22	< 10	0.14	0.11	22	5.8	9.2	4.3	< 0.1	2.54	< 10	12	0.28
3066	201	202	< 5	1.36	1.8	103.0	330	0.30	0.50	< 10	0.34	0.88	22	8.8	26.0	3.3	< 0.1	2.29	< 10	14	0.48
3067	201	202	40	1.44	2.5	157.5	240	0.45	0.79	< 10	0.46	0.79	30	11.2	44.8	3.5	< 0.1	2.98	10	20	0.76
3068	201	202	< 5	0.86	0.7	10.2	180	0.15	0.14	< 10	0.16	0.51	16	5.2	17.0	2.2	< 0.1	1.43	< 10	8	0.36
3069	201	202	50	0.97	2.0	149.0	160	0.30	0.59	< 10	0.62	0.65	19	10.2	56.8	2.2	< 0.1	2.70	10	28	0.65
3070	201	202	< 5	1.09	0.8	33.8	160	0.20	0.26	< 10	0.34	0.12	18	5.4	11.6	4.0	< 0.1	2.51	< 10	12	0.24
3071	201	202	< 5	0.99	1.4	54.4	240	0.25	0.35	< 10	0.38	1.14	20	8.4	31.2	2.4	< 0.1	2.58	< 10	22	0.74
3072	201	202	175	1.00	1.2	50.0	260	0.35	0.36	< 10	0.30	0.89	19	8.2	36.6	2.5	< 0.1	3.05	10	24	0.42
3073	201	202	20	0.99	0.8	33.6	180	0.30	0.20	< 10	0.16	0.30	21	7.2	22.8	2.4	< 0.1	2.07	10	10	0.40
3074	201	202	< 5	0.97	1.0	25.0	230	0.25	0.23	< 10	0.26	0.53	20	7.8	31.0	2.5	< 0.1	2.22	10	14	0.45
3075	201	202	< 5	1.20	1.6	32.6	220	0.40	0.28	< 10	0.14	0.31	23	9.2	28.8	2.8	< 0.1	2.67	10	16	0.49
3076	201	202	< 5	1.65	0.7	20.4	330	0.20	0.21	< 10	0.16	0.19	28	7.6	20.6	3.9	< 0.1	2.56	10	12	0.37
3077	201	202	< 5	1.31	2.9	30.8	130	0.35	0.39	< 10	0.24	0.90	20	15.6	46.4	3.0	< 0.1	3.13	20	24	0.54
3078	201	202	< 5	1.89	0.6	7.2	160	0.30	0.16	< 10	0.04	0.12	92	11.8	25.8	5.6	< 0.1	3.13	< 10	8	0.91
3079	201	202	10	1.17	1.9	13.4	160	0.20	0.18	< 10	0.14	0.29	19	7.8	20.6	2.7	< 0.1	2.47	20	10	0.42
3080	201	202	30	0.87	11.5	111.0	120	0.25	0.31	< 10	0.20	0.30	13	11.2	42.8	2.0	< 0.1	2.68	30	14	0.35
3081	201	202	10	1.03	1.8	36.4	220	0.30	0.24	< 10	0.10	0.28	16	9.8	26.8	2.3	< 0.1	2.48	30	14	0.36
3082	201	202	5	1.24	0.8	25.4	140	0.15	0.23	< 10	0.06	0.10	17	4.8	14.8	3.2	< 0.1	2.02	10	10	0.32
3083	201	202	< 5	0.93	0.7	10.0	120	0.20	0.12	< 10	0.08	0.13	16	5.0	13.8	2.4	< 0.1	1.82	10	6	0.27
3084	201	202	20	1.31	2.0	109.5	90	0.25	0.55	< 10	0.36	0.07	21	8.4	35.0	2.7	< 0.1	2.86	< 10	20	0.33
3085	201	202	< 5	1.05	1.0	53.0	260	0.35	0.30	< 10	0.52	0.73	20	8.4	35.0	2.5	< 0.1	2.20	10	12	0.54
3086	201	202	< 5	1.34	1.0	54.2	140	0.35	0.27	< 10	0.42	0.25	20	9.6	28.6	2.8	< 0.1	2.63	< 10	16	0.33
3087	201	202	10	0.94	1.6	61.0	160	0.25	0.27	< 10	0.28	0.51	19	8.6	36.0	2.2	< 0.1	2.33	< 10	16	0.54
3088	201	202	95	1.15	1.6	78.4	150	0.15	0.39	< 10	0.36	0.29	22	8.6	34.0	2.4	< 0.1	2.57	10	22	0.45
3089	201	202	< 5	0.93	1.4	27.8	320	0.25	0.23	< 10	0.38	0.66	19	9.2	35.6	2.3	< 0.1	2.37	10	12	0.45
3090	201	202	< 5	1.69	2.9	36.6	270	0.35	0.22	< 10	0.48	0.84	74	14.2	42.4	4.7	< 0.1	3.19	< 10	10	1.03
3091	201	202	105	1.01	4.3	76.6	180	0.35	0.49	< 10	0.52	0.36	19	8.4	30.0	2.1	< 0.1	2.35	10	20	0.44
3092	201	202	< 5	1.12	1.2	17.8	200	0.35	0.20	< 10	0.18	0.55	21	8.0	22.2	2.8	< 0.1	2.02	10	10	0.42
3093	214	--	85	1.29	31.5	730	1240	0.55	0.58	< 10	0.94	1.00	50	6.4	83.1	3.6	< 0.1	2.86	10	12	0.25

CERTIFICATION:

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: NEWMONT METALLURGICAL SERVICES

10101 E DRY CREEK RD.
ENGLEWOOD, COLORADO
80112

Project : AUREX
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN CC: LINDA CARMICHAEL

Certificate Date: 23-JUN-2000
Invoice No. : I0020826
P.O. Number :21340
Account :PNX

CERTIFICATE OF ANALYSIS A0020826

SAMPLE	PREP CODE		Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
3054	201	202	190	0.01	0.8	22	310	0.03	2	< 0.5	0.18	< 0.01	17	0.01	< 0.05	0.18	0.01	0.30	0.55	39	66
3055	201	202	180	0.05	1.0	22	340	0.03	2	< 0.5	0.44	< 0.01	12	< 0.01	< 0.05	0.12	0.02	0.20	0.40	45	62
3056	201	202	745	0.04	1.2	21	410	0.03	3	< 0.5	0.66	< 0.01	20	0.02	< 0.05	0.14	0.01	1.65	0.75	39	66
3057	201	202	310	< 0.01	1.4	34	240	0.05	2	< 0.5	0.14	< 0.01	11	< 0.01	< 0.05	0.16	0.04	0.20	0.45	45	90
3058	201	202	200	0.01	0.8	16	400	0.03	1	< 0.5	0.14	< 0.01	14	< 0.01	< 0.05	0.08	0.03	0.40	0.35	42	44
3059	201	202	170	0.15	0.6	17	320	0.03	3	< 0.5	0.04	< 0.01	11	< 0.01	< 0.05	0.08	0.02	0.30	0.45	35	48
3060	201	202	210	0.01	0.6	15	610	0.02	1	< 0.5	0.06	< 0.01	11	< 0.01	< 0.05	0.08	0.02	0.40	0.35	21	40
3061	201	202	195	0.04	0.6	17	690	0.03	2	< 0.5	0.22	< 0.01	18	< 0.01	< 0.05	0.06	0.02	0.90	0.45	25	58
3062	201	202	155	0.07	0.6	31	620	0.05	3	< 0.5	0.28	< 0.01	29	0.06	< 0.05	0.10	0.01	0.20	4.15	35	134
3063	201	202	155	0.03	0.8	14	500	0.03	1	< 0.5	0.08	< 0.01	17	< 0.01	< 0.05	0.06	0.02	0.15	0.45	29	48
3064	201	202	145	0.05	0.6	12	540	0.02	1	< 0.5	0.10	< 0.01	20	0.01	< 0.05	0.02	0.01	0.35	0.35	21	42
3065	201	202	160	0.01	0.8	12	180	0.01	1	< 0.5	0.24	< 0.01	10	< 0.01	< 0.05	0.08	0.02	0.25	0.25	51	64
3066	201	202	545	0.01	0.8	19	300	0.04	2	< 0.5	0.54	< 0.01	28	0.03	< 0.05	0.08	0.01	1.75	0.75	34	62
3067	201	202	440	0.07	1.0	31	680	0.06	4	< 0.5	0.50	0.01	28	0.01	0.05	0.14	0.03	1.20	0.55	39	110
3068	201	202	125	0.09	0.6	14	610	0.03	1	< 0.5	0.12	< 0.01	25	0.02	< 0.05	0.06	0.02	0.25	0.45	22	62
3069	201	202	505	0.08	1.0	26	640	0.04	3	< 0.5	0.70	< 0.01	19	0.01	0.05	0.12	0.03	1.30	0.60	28	106
3070	201	202	210	0.01	1.4	11	240	0.03	1	< 0.5	0.10	< 0.01	9	< 0.01	< 0.05	0.08	0.03	0.25	0.30	52	62
3071	201	202	330	0.09	1.0	22	420	0.04	3	< 0.5	0.38	< 0.01	25	0.03	< 0.05	0.08	0.01	0.20	0.45	29	104
3072	201	202	310	0.10	1.2	15	550	0.03	3	0.5	0.34	< 0.01	28	0.04	< 0.05	0.08	< 0.01	0.15	1.05	29	66
3073	201	202	350	0.03	0.8	19	430	0.03	3	< 0.5	0.08	< 0.01	16	< 0.01	< 0.05	0.06	0.02	0.25	0.50	30	60
3074	201	202	355	0.06	0.8	21	540	0.04	3	< 0.5	0.22	< 0.01	19	0.01	< 0.05	0.06	0.02	0.45	0.40	29	72
3075	201	202	325	0.05	1.0	24	490	0.05	3	< 0.5	0.12	< 0.01	14	0.01	< 0.05	0.08	0.01	1.40	0.50	34	82
3076	201	202	245	0.01	1.2	19	180	0.03	3	< 0.5	0.16	< 0.01	10	< 0.01	< 0.05	0.12	0.01	0.25	0.40	49	56
3077	201	202	990	0.06	2.0	33	680	0.05	1	< 0.5	0.18	< 0.01	81	0.03	0.10	0.06	< 0.01	0.10	0.95	17	94
3078	201	202	265	< 0.01	0.8	34	200	0.01	1	< 0.5	0.08	< 0.01	9	< 0.01	< 0.05	0.06	0.12	0.15	0.50	51	50
3079	201	202	295	0.03	0.6	20	540	0.04	2	< 0.5	0.10	< 0.01	24	< 0.01	< 0.05	0.04	0.02	0.30	0.85	23	66
3080	201	202	465	0.06	1.0	24	640	0.04	1	< 0.5	0.22	< 0.01	30	< 0.01	< 0.05	0.06	0.01	0.25	0.55	14	70
3081	201	202	470	0.05	0.6	22	490	0.05	2	< 0.5	0.08	< 0.01	23	< 0.01	< 0.05	0.06	0.01	0.25	0.80	20	56
3082	201	202	135	0.03	0.8	12	390	0.03	1	< 0.5	0.08	< 0.01	9	< 0.01	< 0.05	0.08	0.01	0.35	0.55	25	46
3083	201	202	135	0.03	0.6	12	650	0.02	1	< 0.5	0.20	< 0.01	10	< 0.01	< 0.05	0.06	0.02	0.30	0.55	26	40
3084	201	202	180	0.01	1.2	23	220	0.02	1	< 0.5	0.56	< 0.01	5	< 0.01	< 0.05	0.14	0.02	0.50	0.40	36	70
3085	201	202	425	0.05	1.0	22	630	0.04	3	< 0.5	0.28	< 0.01	25	0.04	< 0.05	0.08	0.02	0.25	0.50	31	78
3086	201	202	535	0.03	1.0	20	430	0.02	1	< 0.5	0.10	< 0.01	12	0.01	< 0.05	0.08	0.02	0.20	0.40	37	66
3087	201	202	505	0.04	1.0	26	540	0.04	3	< 0.5	0.26	< 0.01	17	0.01	< 0.05	0.08	0.01	0.55	0.40	28	84
3088	201	202	355	0.03	0.8	26	560	0.03	3	< 0.5	0.42	< 0.01	14	0.01	< 0.05	0.10	0.02	0.15	0.75	29	80
3089	201	202	470	0.07	0.8	25	700	0.04	3	< 0.5	0.22	< 0.01	23	0.02	< 0.05	0.06	0.01	0.35	0.70	27	74
3090	201	202	465	0.07	0.6	43	620	0.03	4	< 0.5	0.28	< 0.01	35	0.06	< 0.05	0.08	0.01	0.40	2.50	47	78
3091	201	202	370	0.06	0.8	26	670	0.04	3	< 0.5	0.46	< 0.01	17	< 0.01	< 0.05	0.10	0.01	0.30	0.60	24	106
3092	201	202	225	0.07	0.8	18	650	0.03	3	< 0.5	0.18	< 0.01	40	0.04	< 0.05	0.06	0.02	0.20	1.10	31	58
3093	214	--	265	11.45	8.2	30	970	0.26	4	2.0	0.20	0.01	68	0.15	0.10	1.76	0.01	2.35	3.70	128	74

CERTIFICATION:

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
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To: NEWMONT METALLURGICAL SERVICES

10101 E DRY CREEK RD.
ENGLEWOOD, COLORADO
80112

Page Number :1-A
Total Pages :2
Certificate Date: 04-JUL-2000
Invoice No. :10021382
P.O. Number :21340
Account :PNX

Project : AUREX
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN/ LINDA CARMICHAEL

CERTIFICATE OF ANALYSIS A0021382

SAMPLE	PREP CODE		Au ppb FA+AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
2801	201	202	10	1.14	0.4	11.4	210	0.25	0.18	< 10	0.20	0.18	19	4.4	10.6	4.4	< 0.1	1.89	< 10	6	0.27
2802	201	202	< 5	1.55	0.4	9.0	440	0.50	0.18	< 10	0.04	0.28	28	10.8	17.4	4.2	< 0.1	2.13	10	8	0.46
2803	201	202	5	1.01	0.8	19.6	150	0.40	0.19	< 10	0.12	0.16	20	8.4	26.8	2.7	< 0.1	2.13	< 10	6	0.36
2804	201	202	< 5	1.28	0.6	13.8	200	0.40	0.18	< 10	0.12	0.10	23	8.2	25.6	3.1	< 0.1	2.09	10	8	0.36
2805	201	202	< 5	1.46	0.5	10.6	240	0.35	0.16	< 10	0.10	0.12	25	7.2	17.6	3.8	< 0.1	2.09	10	10	0.38
2806	201	202	< 5	1.27	0.4	10.6	150	0.30	0.19	< 10	0.08	0.10	21	4.6	9.0	4.3	< 0.1	1.87	< 10	10	0.31
2807	201	202	5	1.20	0.7	21.0	250	0.40	0.24	< 10	0.14	0.33	22	8.4	35.0	2.9	< 0.1	2.24	10	10	0.48
2808	201	202	< 5	1.37	0.4	9.4	210	0.45	0.16	< 10	0.06	0.20	24	7.0	14.2	3.6	< 0.1	1.99	10	6	0.45
2809	201	202	< 5	0.77	0.4	11.8	160	0.15	0.12	< 10	0.12	0.20	14	5.4	12.4	2.2	< 0.1	1.51	< 10	2	0.26
2810	201	202	< 5	0.95	0.5	11.4	310	0.35	0.16	< 10	0.12	0.34	20	7.8	22.8	2.6	< 0.1	1.76	10	4	0.35
2811	201	202	< 5	1.75	0.5	10.4	240	0.50	0.20	< 10	0.08	0.09	31	7.8	17.2	4.6	< 0.1	2.42	10	12	0.45
2812	201	202	< 5	1.47	0.7	14.4	450	0.65	0.22	< 10	0.06	0.30	30	10.0	32.6	3.8	< 0.1	2.46	10	12	0.49
2813	201	202	< 5	0.90	0.6	19.6	130	0.25	0.16	< 10	0.08	0.10	17	4.4	13.4	2.6	< 0.1	1.75	< 10	8	0.27
2814	201	202	< 5	0.79	0.5	12.8	160	0.15	0.12	< 10	0.04	0.16	16	6.0	22.0	2.0	< 0.1	1.61	< 10	4	0.28
2815	201	202	< 5	0.91	0.6	15.6	310	0.35	0.16	< 10	0.14	0.34	21	8.0	26.2	2.5	< 0.1	1.93	10	10	0.37
2816	201	202	< 5	0.92	0.8	14.6	180	0.45	0.15	< 10	0.16	0.17	19	7.4	29.6	2.5	< 0.1	2.00	10	8	0.31
2817	201	202	5	0.72	0.4	12.6	110	0.15	0.12	< 10	0.14	0.23	14	6.6	12.0	1.9	< 0.1	1.62	< 10	2	0.25
2818	201	202	< 5	1.27	0.8	9.8	140	0.35	0.17	< 10	0.08	0.18	23	6.0	17.6	3.5	< 0.1	2.20	10	12	0.42
2819	201	202	< 5	1.27	0.5	8.8	170	0.30	0.15	< 10	0.12	0.16	22	6.0	19.6	3.4	< 0.1	1.87	10	8	0.37
2820	201	202	< 5	1.53	0.3	9.8	170	0.25	0.17	< 10	0.10	0.13	23	4.6	11.2	3.8	< 0.1	2.26	10	4	0.30
2821	201	202	< 5	0.97	2.8	19.8	50	0.25	0.34	< 10	0.16	0.03	19	5.0	20.6	7.6	< 0.1	2.43	10	8	0.22
2822	201	202	< 5	1.14	0.9	8.6	120	0.35	0.18	< 10	0.10	0.09	18	4.6	17.2	4.3	< 0.1	1.87	10	8	0.26
2823	201	202	10	1.49	1.5	24.2	220	0.50	0.21	< 10	0.10	0.10	25	10.0	35.4	3.8	< 0.1	2.55	30	12	0.45
2824	201	202	< 5	1.73	1.2	23.6	230	0.50	0.19	< 10	0.14	0.07	29	10.0	26.0	4.0	< 0.1	2.50	10	8	0.40
2825	201	202	20	1.17	2.9	38.4	210	0.50	0.20	< 10	0.14	0.17	24	9.0	32.8	3.2	< 0.1	2.26	20	16	0.43
2826	201	202	< 5	0.87	0.9	11.6	320	0.25	0.13	< 10	0.24	0.65	17	9.8	14.6	2.5	< 0.1	1.72	< 10	2	0.34
2827	214	--	5930	1.57	644	652	350	1.95	1.39	< 10	1.82	1.96	149	17.6	149.0	8.7	0.1	2.58	< 10	420	0.08
3038	201	202	15	0.97	2.7	22.0	260	0.40	0.22	< 10	0.22	0.34	23	7.8	36.0	2.7	< 0.1	2.16	10	8	0.46
3039	201	202	10	1.14	1.3	25.0	350	0.60	0.26	< 10	0.48	0.56	25	11.2	39.6	3.2	< 0.1	2.42	10	14	0.49
3040	201	202	< 5	1.34	0.9	17.6	370	0.35	0.25	< 10	0.18	0.40	30	10.4	35.2	3.9	< 0.1	2.59	10	8	0.54
3041	201	202	< 5	1.21	1.0	20.2	340	0.60	0.26	< 10	0.28	0.52	26	10.6	35.6	3.3	< 0.1	2.51	10	12	0.54
3042	201	202	< 5	0.84	1.0	35.6	280	0.50	0.19	< 10	0.48	1.62	18	7.4	33.8	2.4	< 0.1	1.86	< 10	6	0.46
3043	201	202	10	0.85	1.0	10.0	440	0.45	0.17	< 10	0.50	1.29	18	7.6	32.6	2.4	< 0.1	1.39	< 10	12	0.44
3044	201	202	< 5	1.13	0.5	11.6	220	0.25	0.17	< 10	0.06	0.21	21	6.0	10.8	3.5	< 0.1	1.83	< 10	6	0.36
3045	201	202	< 5	1.12	0.8	17.0	330	0.35	0.19	< 10	0.10	0.34	23	9.2	28.0	3.4	< 0.1	2.13	10	12	0.42
3046	201	202	< 5	0.74	0.7	15.2	240	0.25	0.15	< 10	0.16	0.40	19	7.0	23.8	2.2	< 0.1	1.78	10	< 2	0.31
3047	201	202	< 5	0.78	0.6	15.2	210	0.25	0.14	< 10	0.16	0.32	17	7.6	24.6	2.2	< 0.1	1.78	10	6	0.33
3048	201	202	< 5	0.97	0.7	16.2	320	0.40	0.22	< 10	0.18	0.34	21	9.4	30.8	2.7	< 0.1	2.04	10	8	0.41
3049	201	202	< 5	0.90	1.0	25.2	330	0.30	0.25	< 10	0.40	1.12	21	8.8	41.8	2.4	< 0.1	2.08	< 10	10	0.84
3050	201	202	< 5	1.14	0.7	20.0	170	0.35	0.18	< 10	0.12	0.16	22	6.6	19.0	3.1	< 0.1	2.22	< 10	10	0.30

CERTIFICATION:

ALS Chemex

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Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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To: NEWMONT METALLURGICAL SERVICES

10101 E DRY CREEK RD.
ENGLEWOOD, COLORADO
80112

Project : AUREX
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN/ LINDA CARMICHAEL

Page Number :1-B
Total Pages :2
Certificate Date: 04-JUL-2000
Invoice No. : I0021382
P.O. Number :21340
Account :PNX

CERTIFICATE OF ANALYSIS A0021382

SAMPLE	PREP CODE		Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
2801	201	202	150	0.01	1.2	11	270	0.02	1	< 0.5	0.20	< 0.01	10	< 0.01	< 0.05	0.08	0.02	0.25	0.25	45	42
2802	201	202	305	0.03	0.8	18	350	0.03	3	< 0.5	0.16	< 0.01	15	< 0.01	< 0.05	0.08	0.01	0.20	1.05	42	62
2803	201	202	255	< 0.01	1.4	19	500	0.04	1	< 0.5	0.08	< 0.01	10	< 0.01	< 0.05	0.06	0.02	0.25	0.30	31	60
2804	201	202	200	0.02	1.2	21	200	0.03	3	< 0.5	0.14	< 0.01	7	< 0.01	< 0.05	0.06	0.02	0.15	0.45	35	54
2805	201	202	145	< 0.01	1.0	18	260	0.02	2	< 0.5	0.16	< 0.01	9	< 0.01	< 0.05	0.08	0.02	0.30	0.50	39	54
2806	201	202	115	0.01	1.0	11	150	0.01	1	< 0.5	0.12	< 0.01	7	< 0.01	< 0.05	0.08	0.02	0.20	0.30	45	42
2807	201	202	225	0.08	1.0	25	560	0.04	3	< 0.5	0.22	< 0.01	14	< 0.01	< 0.05	0.08	0.01	0.20	0.55	31	66
2808	201	202	120	0.04	0.8	15	510	0.03	2	< 0.5	0.06	< 0.01	14	< 0.01	< 0.05	0.08	0.02	0.20	0.60	36	48
2809	201	202	145	0.01	0.6	13	530	0.01	1	< 0.5	0.08	< 0.01	11	< 0.01	< 0.05	0.04	0.01	0.55	0.45	24	40
2810	201	202	235	0.03	0.8	17	650	0.02	3	< 0.5	0.14	< 0.01	17	< 0.01	< 0.05	0.06	0.01	0.30	0.70	27	50
2811	201	202	160	0.03	0.8	19	120	0.03	3	< 0.5	0.08	< 0.01	8	< 0.01	< 0.05	0.10	0.02	0.25	0.50	50	54
2812	201	202	250	0.08	0.8	27	750	0.03	4	< 0.5	0.14	< 0.01	18	< 0.01	< 0.05	0.06	0.02	0.20	0.60	41	66
2813	201	202	125	0.01	0.8	13	270	0.02	1	< 0.5	0.06	< 0.01	8	< 0.01	< 0.05	0.06	0.02	0.30	0.30	31	40
2814	201	202	195	0.01	0.6	16	590	0.01	1	< 0.5	0.08	< 0.01	11	< 0.01	< 0.05	0.04	0.01	0.20	0.40	22	46
2815	201	202	370	0.06	0.8	20	650	0.03	3	< 0.5	0.12	< 0.01	17	< 0.01	< 0.05	0.06	0.01	0.55	0.45	29	56
2816	201	202	210	0.04	0.8	19	570	0.02	2	< 0.5	0.08	< 0.01	12	< 0.01	0.05	0.06	0.02	0.20	0.50	29	62
2817	201	202	210	0.01	0.8	11	680	0.01	1	< 0.5	0.06	< 0.01	14	< 0.01	< 0.05	0.04	0.01	0.20	0.30	22	42
2818	201	202	170	0.03	1.2	18	530	0.03	1	< 0.5	0.12	< 0.01	15	< 0.01	< 0.05	0.06	0.03	0.25	0.50	35	62
2819	201	202	145	0.04	1.0	15	480	0.03	2	< 0.5	0.06	< 0.01	14	< 0.01	< 0.05	0.06	0.03	0.50	0.65	32	46
2820	201	202	130	0.03	1.0	12	170	0.03	1	< 0.5	0.10	< 0.01	14	< 0.01	< 0.05	0.08	0.02	0.20	0.30	47	42
2821	201	202	195	0.01	2.0	9	460	0.02	1	< 0.5	0.20	< 0.01	6	< 0.01	0.05	0.12	0.03	0.30	0.45	50	28
2822	201	202	110	0.01	0.8	10	230	0.04	1	< 0.5	0.14	< 0.01	12	< 0.01	< 0.05	0.06	0.02	0.10	0.55	38	32
2823	201	202	300	0.04	1.2	23	240	0.03	3	< 0.5	0.04	< 0.01	13	< 0.01	0.05	0.06	0.02	0.20	0.65	32	68
2824	201	202	195	0.05	1.0	21	140	0.02	3	< 0.5	0.14	< 0.01	10	< 0.01	< 0.05	0.08	0.03	0.20	0.70	40	52
2825	201	202	235	0.05	1.0	21	500	0.03	3	< 0.5	0.08	< 0.01	14	< 0.01	< 0.05	0.06	0.03	0.20	0.65	28	68
2826	201	202	515	0.04	0.8	14	760	0.03	1	< 0.5	0.02	< 0.01	59	0.03	< 0.05	0.04	0.01	0.15	1.20	25	42
2827	214	--	30	1.19	20.0	93	9700	0.33	4	6.0	0.70	0.01	416	0.39	0.25	7.28	< 0.01	50.5	12.45	624	204
3038	201	202	550	0.09	1.2	23	790	0.04	3	< 0.5	0.20	< 0.01	25	< 0.01	< 0.05	0.10	0.03	0.80	0.55	32	82
3039	201	202	480	0.09	1.2	28	670	0.04	3	< 0.5	0.26	< 0.01	22	0.01	< 0.05	0.08	0.01	0.25	0.85	34	88
3040	201	202	335	0.09	1.2	27	560	0.05	4	< 0.5	0.22	< 0.01	19	< 0.01	< 0.05	0.06	0.02	0.25	0.45	40	82
3041	201	202	395	0.09	1.2	25	680	0.05	3	< 0.5	0.24	< 0.01	23	0.01	0.05	0.06	0.01	0.20	0.55	35	86
3042	201	202	130	0.11	0.6	18	650	0.03	2	3.5	0.24	< 0.01	99	0.10	< 0.05	0.06	0.01	0.35	3.05	24	58
3043	201	202	325	0.06	0.4	20	630	0.03	2	2.5	0.20	< 0.01	72	0.07	< 0.05	0.06	0.01	0.20	2.90	24	52
3044	201	202	160	0.01	1.0	12	250	0.03	1	< 0.5	0.10	< 0.01	12	< 0.01	< 0.05	0.08	0.02	0.20	0.35	37	52
3045	201	202	255	0.07	0.8	20	470	0.03	3	0.5	0.14	< 0.01	21	< 0.01	< 0.05	0.06	0.02	0.20	0.65	34	58
3046	201	202	285	0.16	0.8	17	830	0.03	2	< 0.5	0.12	< 0.01	22	0.01	< 0.05	0.06	0.02	0.40	0.65	28	58
3047	201	202	275	0.04	0.8	17	620	0.03	2	< 0.5	0.10	< 0.01	17	< 0.01	< 0.05	0.04	0.01	0.25	0.55	24	54
3048	201	202	265	0.04	0.8	22	670	0.03	3	< 0.5	0.12	< 0.01	19	< 0.01	< 0.05	0.06	0.02	0.30	0.60	29	62
3049	201	202	535	0.10	1.2	22	630	0.05	3	< 0.5	0.22	< 0.01	21	0.01	< 0.05	0.10	0.01	0.90	0.55	27	82
3050	201	202	160	0.02	1.6	18	430	0.03	1	< 0.5	0.08	< 0.01	9	< 0.01	< 0.05	0.08	0.02	0.20	0.30	35	56

CERTIFICATION:

ALS Chemex

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Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN/ LINDA CARMICHAEL

CERTIFICATE OF ANALYSIS A0021382

SAMPLE	PREP CODE		Au ppb FA+AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
3094	201	202	20	1.03	1.5	26.2	280	0.25	0.20	< 10	0.16	0.28	21	8.2	24.0	2.8	< 0.1	1.88	10	12	0.38
3095	201	202	< 5	1.28	0.6	18.4	160	0.35	0.28	< 10	0.10	0.10	24	13.4	18.8	4.6	< 0.1	2.94	10	20	0.32
3096	201	202	15	0.94	0.7	12.6	150	0.35	0.24	< 10	0.14	0.31	19	11.6	43.0	2.7	< 0.1	2.37	30	8	0.41
3097	201	202	< 5	1.78	0.6	4.2	50	0.65	0.31	< 10	0.06	0.10	21	23.4	55.9	4.2	< 0.1	3.24	40	28	0.53
3098	201	202	5	1.18	2.8	28.8	250	0.40	0.29	< 10	0.22	0.27	20	12.2	35.2	3.2	< 0.1	2.41	30	16	0.40
3099	201	202	< 5	1.15	0.8	15.2	140	0.30	0.15	< 10	0.08	0.14	20	7.4	16.0	3.2	< 0.1	1.73	10	10	0.33
3100	201	202	< 5	0.75	1.1	137.0	180	0.25	0.24	< 10	0.38	0.50	17	7.4	26.8	2.0	< 0.1	1.57	< 10	10	0.34
3101	201	202	15	0.99	1.3	50.0	310	0.30	0.32	< 10	0.70	0.68	21	11.4	44.2	2.6	< 0.1	2.01	< 10	16	0.45
3102	201	202	5	1.00	1.2	50.8	300	0.45	0.29	< 10	0.94	1.43	22	11.4	40.0	2.8	< 0.1	2.15	< 10	14	0.72
3103	201	202	< 5	0.83	1.2	35.2	170	0.20	0.30	< 10	0.52	0.45	19	10.8	26.6	2.3	< 0.1	1.63	10	18	0.40
3104	201	202	< 5	1.03	0.7	34.0	200	0.35	0.25	< 10	0.18	0.46	20	8.0	29.4	2.9	< 0.1	1.80	< 10	12	0.36
3105	201	202	< 5	1.91	1.9	52.4	220	0.30	0.27	< 10	0.20	0.10	32	7.4	13.8	4.1	< 0.1	3.11	10	16	0.46
3106	201	202	< 5	1.22	0.8	74.0	260	0.40	0.23	< 10	0.14	0.29	24	8.0	34.6	2.6	< 0.1	2.61	10	10	0.38
3107	201	202	1375	0.86	8.2	111.5	270	0.70	3.87	< 10	0.06	2.14	10	30.0	561	1.9	< 0.1	5.98	< 10	122	0.47
3108	201	202	25	1.18	3.8	48.6	250	0.35	0.58	< 10	0.90	0.84	31	9.8	110.0	2.8	< 0.1	2.03	10	14	0.57
3109	201	202	15	1.08	7.5	33.0	220	0.30	0.26	< 10	0.30	0.79	27	8.4	32.6	2.5	< 0.1	1.81	10	16	0.52
3110	201	202	< 5	0.88	1.8	33.0	190	0.25	0.21	< 10	0.28	0.56	20	6.2	29.8	2.1	< 0.1	1.60	< 10	8	0.40
3111	201	202	< 5	1.59	1.1	35.2	220	0.30	0.19	< 10	0.08	0.22	28	7.8	17.4	3.5	< 0.1	2.44	< 10	8	0.44
3112	201	202	< 5	0.96	0.9	16.6	240	0.35	0.14	< 10	0.06	0.42	18	7.8	17.2	2.2	< 0.1	1.85	10	8	0.36
3113	201	202	< 5	1.02	0.9	28.0	170	0.25	0.18	< 10	0.22	0.41	21	7.2	12.6	2.6	< 0.1	2.16	< 10	12	0.40

CERTIFICATION: _____

ALS Chemex

Aurora Laboratory Services Ltd.
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212 Brooksbank Ave., North Vancouver
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3094	201	202	280	0.05	0.8	19	540	0.03	3	< 0.5	0.16	< 0.01	17	< 0.01	< 0.05	0.06	0.01	0.75	0.55	30	62
3095	201	202	530	0.04	1.4	16	390	0.03	2	< 0.5	0.10	< 0.01	9	< 0.01	< 0.05	0.08	0.02	0.20	0.65	44	56
3096	201	202	265	0.10	0.8	26	630	0.04	3	< 0.5	0.08	< 0.01	26	< 0.01	0.05	0.04	0.01	0.10	0.95	22	64
3097	201	202	1825	0.07	0.6	32	540	0.05	1	< 0.5	0.02	< 0.01	18	0.01	< 0.05	0.02	< 0.01	0.05	0.60	15	92
3098	201	202	185	0.07	0.8	25	630	0.04	3	< 0.5	0.18	< 0.01	23	0.01	< 0.05	0.08	0.01	0.15	1.50	23	72
3099	201	202	135	0.04	1.0	14	560	0.02	1	< 0.5	0.16	< 0.01	11	< 0.01	< 0.05	0.08	0.01	0.20	0.70	27	52
3100	201	202	240	0.10	0.8	17	780	0.03	2	1.5	0.28	< 0.01	36	0.07	< 0.05	0.06	0.01	0.20	0.80	21	60
3101	201	202	490	0.09	0.8	24	480	0.04	3	0.5	0.54	< 0.01	21	0.03	< 0.05	0.06	0.01	1.15	0.65	30	96
3102	201	202	460	0.06	1.0	25	640	0.05	3	< 0.5	0.38	< 0.01	33	0.01	< 0.05	0.08	0.01	0.40	0.65	30	110
3103	201	202	135	0.08	0.8	19	700	0.03	3	< 0.5	0.36	< 0.01	24	0.02	< 0.05	0.06	0.02	0.45	0.80	26	94
3104	201	202	250	0.06	1.0	16	370	0.02	2	< 0.5	0.34	< 0.01	18	0.01	< 0.05	0.06	0.01	0.30	0.70	30	48
3105	201	202	185	< 0.01	1.6	20	170	0.03	2	< 0.5	0.04	< 0.01	9	< 0.01	< 0.05	0.10	0.02	0.20	0.40	54	122
3106	201	202	320	0.04	1.2	24	170	0.03	5	< 0.5	0.06	< 0.01	13	< 0.01	< 0.05	0.06	0.01	0.30	0.60	38	66
3107	201	202	1300	0.12	0.2	30	490	0.04	3	< 0.5	0.48	< 0.01	57	0.44	0.25	< 0.02	< 0.01	< 0.05	2.45	11	76
3108	201	202	205	0.11	0.2	33	670	0.04	5	0.5	0.54	< 0.01	37	0.04	< 0.05	0.12	0.02	0.20	1.50	37	102
3109	201	202	420	0.05	0.4	21	630	0.03	3	< 0.5	0.24	< 0.01	38	0.05	< 0.05	0.06	0.01	0.10	1.60	28	84
3110	201	202	190	0.05	0.4	18	620	0.03	2	< 0.5	0.16	< 0.01	28	0.03	< 0.05	0.06	0.01	2.60	0.65	27	66
3111	201	202	190	0.01	0.8	20	200	0.02	2	< 0.5	0.10	< 0.01	15	< 0.01	< 0.05	0.10	0.01	0.25	0.50	44	56
3112	201	202	495	0.03	0.4	17	480	0.02	2	< 0.5	0.10	< 0.01	32	0.02	< 0.05	0.06	0.01	0.15	1.25	27	52
3113	201	202	415	< 0.01	0.8	15	320	0.03	2	< 0.5	0.08	< 0.01	20	0.01	< 0.05	0.06	0.01	0.10	0.55	34	70

CERTIFICATION:

ALS Chemex

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10101 DRY CREEK RD.
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Total Pages :1
Certificate Date: 26-JUL-2000
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P.O. Number :21340
Account :TNFA

CERTIFICATE OF ANALYSIS A0023561

SAMPLE	PREP CODE		Au ppb FA+AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
2851	201	202	< 5	1.83	0.5	13.4	270	0.60	0.16	< 10	0.12	0.09	30	9.0	15.8	3.9	< 0.1	2.67	< 10	10	0.42
2852	201	202	< 5	0.90	1.0	13.8	220	0.10	0.11	< 10	0.10	0.41	15	5.6	10.8	2.3	< 0.1	1.71	10	8	0.29
2853	201	202	< 5	1.01	1.0	33.4	210	0.20	0.18	< 10	0.10	0.48	17	8.6	13.8	2.8	< 0.1	2.04	< 10	18	0.32
2854	201	202	< 5	0.97	1.1	33.0	230	0.10	0.16	< 10	0.06	0.55	17	7.0	11.0	2.7	< 0.1	1.60	< 10	8	0.32
2855	201	202	< 5	1.24	2.0	63.8	190	0.25	0.26	< 10	0.14	0.19	20	8.4	19.4	4.2	< 0.1	2.30	10	12	0.35
2856	201	202	< 5	0.77	2.4	23.8	250	0.20	0.16	< 10	0.12	1.17	12	6.4	21.8	1.9	< 0.1	1.59	< 10	8	0.25
2857	201	202	< 5	0.75	1.2	27.8	180	0.20	0.14	< 10	0.14	0.42	15	6.4	11.8	2.0	< 0.1	1.65	< 10	8	0.31
2858	201	202	< 5	0.95	1.0	16.8	230	0.30	0.13	< 10	0.10	0.45	17	7.2	15.4	2.4	< 0.1	1.65	< 10	8	0.28
2859	201	202	< 5	0.91	0.8	13.4	190	0.15	0.14	< 10	0.12	0.71	16	6.4	16.4	2.4	< 0.1	1.66	< 10	8	0.33
2860	201	202	20	0.90	16.7	132.5	270	0.25	0.44	< 10	0.62	0.28	17	13.2	44.0	2.3	< 0.1	2.34	10	28	0.36
2861	201	202	< 5	1.14	0.8	11.6	380	0.60	0.14	< 10	0.08	0.38	21	7.6	22.0	3.0	< 0.1	2.07	< 10	6	0.37
2862	201	202	< 5	1.39	6.8	70.2	170	0.30	0.24	< 10	0.16	0.06	22	8.6	28.8	3.1	< 0.1	2.32	10	18	0.36
2863	201	202	< 5	1.09	3.0	31.2	240	0.10	0.22	< 10	0.30	0.26	21	8.6	20.6	3.0	< 0.1	1.70	< 10	10	0.33
2864	201	202	< 5	1.43	2.7	11.2	440	0.35	0.16	< 10	0.32	0.38	32	9.6	21.6	3.6	< 0.1	2.00	10	14	0.44
2865	201	202	< 5	1.38	1.5	12.0	520	0.60	0.17	< 10	0.24	0.31	26	9.2	21.2	3.8	< 0.1	2.25	10	10	0.36
2866	201	202	< 5	1.29	4.6	16.0	350	0.30	0.13	< 10	0.06	0.24	29	7.8	22.6	3.2	< 0.1	2.11	10	10	0.47
2867	201	202	< 5	1.17	0.7	9.6	280	0.40	0.13	< 10	0.20	0.73	21	6.4	16.8	3.2	< 0.1	1.67	< 10	8	0.34
2868	201	202	10	1.63	5.0	96.2	190	0.30	0.29	< 10	0.30	0.40	59	25.4	58.9	4.8	< 0.1	4.06	10	24	0.88
2869	201	202	75	1.24	0.6	13.2	390	0.35	0.14	< 10	0.10	0.25	22	8.0	20.6	3.3	< 0.1	2.00	10	8	0.35
2870	201	202	< 5	1.23	0.5	8.8	300	0.30	0.13	< 10	0.06	0.16	22	7.4	20.4	3.1	< 0.1	2.11	10	8	0.38
2871	201	202	< 5	1.56	0.6	11.4	110	0.40	0.15	< 10	0.10	0.06	21	5.6	10.6	3.5	< 0.1	2.36	< 10	12	0.27
2872	201	202	< 5	1.10	0.4	6.6	110	0.40	0.11	< 10	0.06	0.05	18	5.2	15.0	2.7	< 0.1	1.76	10	10	0.31
2873	201	202	< 5	1.48	0.9	14.6	290	0.60	0.18	< 10	0.08	0.10	23	9.8	30.2	3.7	< 0.1	2.55	10	12	0.42

CERTIFICATION:

ALS Chemex

Chemex Labs, Inc.
Analytical Chemists * Geochemists * Registered Assayers
994 Glendale Ave., Unit 3, Sparks
Nevada, U.S.A. 89431
PHONE: 775-356-5395 FAX: 775-355-0179

To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : AUREX
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN / LINDA CARMICHAEL

Page Number :1-B
Total Pages :1
Certificate Date: 26-JUL-2000
Invoice No. :I0023561
P.O. Number :21340
Account :TNFA

CERTIFICATE OF ANALYSIS A0023561

SAMPLE	PREP CODE		Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
2851	201	202	195	0.12	1.0	26	140	0.03	3	< 0.5	0.06	< 0.01	10	< 0.01	< 0.05	0.08	0.04	0.20	0.40	47	72
2852	201	202	260	0.16	0.6	13	510	0.03	1	< 0.5	0.08	< 0.01	29	0.04	< 0.05	0.04	0.01	0.50	0.95	23	50
2853	201	202	315	0.15	0.8	14	470	0.03	1	0.5	0.22	< 0.01	39	0.07	< 0.05	0.06	0.01	0.25	2.20	29	44
2854	201	202	410	0.14	0.8	13	430	0.03	1	< 0.5	0.16	< 0.01	49	0.04	< 0.05	0.06	0.01	0.30	1.20	22	38
2855	201	202	295	0.12	0.8	20	390	0.04	1	< 0.5	0.08	< 0.01	17	< 0.01	< 0.05	0.06	0.01	0.20	1.30	28	56
2856	201	202	255	0.16	0.6	17	560	0.03	1	0.5	0.14	0.01	78	0.06	< 0.05	0.02	0.01	0.25	0.60	15	38
2857	201	202	250	0.11	0.8	15	670	0.03	1	< 0.5	0.10	< 0.01	21	0.01	< 0.05	0.04	0.02	0.20	0.40	23	62
2858	201	202	215	0.13	0.6	16	480	0.03	1	< 0.5	0.12	< 0.01	31	0.02	< 0.05	0.04	0.01	0.30	1.40	25	50
2859	201	202	225	0.10	0.6	15	490	0.03	1	< 0.5	0.12	< 0.01	38	0.03	< 0.05	0.04	0.01	0.10	0.90	24	50
2860	201	202	265	0.14	1.0	35	590	0.05	3	0.5	0.58	< 0.01	16	0.01	< 0.05	0.08	0.01	0.20	1.15	16	92
2861	201	202	195	0.10	0.8	21	700	0.03	3	0.5	0.14	< 0.01	25	0.01	< 0.05	0.06	0.03	0.30	0.90	32	54
2862	201	202	355	0.09	1.2	22	400	0.04	3	< 0.5	0.14	< 0.01	7	< 0.01	< 0.05	0.06	0.03	0.20	0.70	30	64
2863	201	202	505	0.09	0.8	21	590	0.04	2	< 0.5	0.24	< 0.01	19	0.01	< 0.05	0.06	0.02	0.15	0.75	27	62
2864	201	202	285	0.12	0.4	24	630	0.03	3	< 0.5	0.16	< 0.01	34	0.06	< 0.05	0.08	0.01	0.15	2.05	34	64
2865	201	202	555	0.11	0.8	25	720	0.05	2	< 0.5	0.20	< 0.01	29	0.04	< 0.05	0.06	0.02	0.20	1.25	32	62
2866	201	202	195	0.07	0.8	23	460	0.03	3	< 0.5	0.08	< 0.01	19	< 0.01	< 0.05	0.04	0.03	0.15	0.70	30	56
2867	201	202	345	0.13	0.6	17	680	0.03	2	0.5	0.16	< 0.01	50	0.06	< 0.05	0.06	0.01	0.50	1.90	29	52
2868	201	202	960	0.12	1.2	70	760	0.06	4	< 0.5	0.26	< 0.01	28	0.01	< 0.05	0.06	0.03	0.05	0.80	33	92
2869	201	202	210	0.09	0.8	21	610	0.03	3	< 0.5	0.16	< 0.01	20	< 0.01	< 0.05	0.04	0.02	0.15	0.85	31	54
2870	201	202	260	0.09	0.8	20	430	0.03	3	0.5	0.06	< 0.01	16	< 0.01	< 0.05	0.02	0.03	0.15	0.70	34	60
2871	201	202	110	0.07	1.0	15	320	0.03	1	0.5	0.30	< 0.01	7	0.01	< 0.05	0.06	0.03	0.20	0.50	33	42
2872	201	202	145	0.05	0.6	14	110	0.03	1	< 0.5	0.04	< 0.01	7	< 0.01	< 0.05	0.04	0.03	0.15	0.60	27	42
2873	201	202	300	0.10	1.0	26	310	0.04	3	< 0.5	0.12	< 0.01	12	< 0.01	< 0.05	0.06	0.03	0.15	1.10	34	66

CERTIFICATION:

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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To: NEWMONT METALLURGICAL SERVICES

10101 E DRY CREEK RD.
ENGLEWOOD, COLORADO
80112

Page Number : 1-A
Total Pages : 1
Certificate Date: 23-JUN-2000
Invoice No. : I0020825
P.O. Number : 21340
Account : PNX

Project : AUREX
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN CC: LINDA CARMICHAEL

CERTIFICATE OF ANALYSIS A0020825

SAMPLE	PREP CODE		Au ppb FA+AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
7341	201	202	< 5	0.92	3.9	84.4	300	0.20	0.15	< 10	0.50	0.43	20	10.2	16.6	2.1	< 0.1	2.40	10	14	0.35
7342	201	202	70	1.09	15.2	766	210	0.20	0.47	< 10	0.52	0.66	21	12.4	23.0	2.5	< 0.1	2.74	10	12	0.45
7343	201	202	10	1.16	3.1	304	320	0.35	0.25	< 10	0.50	0.49	24	21.4	15.6	2.7	< 0.1	4.48	10	8	0.38
7344	201	202	15	0.97	15.2	588	220	0.20	0.20	< 10	0.28	0.45	27	9.2	12.2	2.4	< 0.1	2.47	10	4	0.46

CERTIFICATION: _____

ALS Chemex

Aurora Laboratory Services Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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To: NEWMONT METALLURGICAL SERVICES

10101 E DRY CREEK RD.
ENGLEWOOD, COLORADO
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Page Number : 1-B
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Account : PNX

Project : AUREX
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN CC: LINDA CARMICHAEL

CERTIFICATE OF ANALYSIS A0020825

SAMPLE	PREP CODE		Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
7341	201	202	1015	0.06	0.6	21	620	0.03	1	< 0.5	0.22	< 0.01	30	0.06	< 0.05	0.04	0.01	0.25	1.90	20	82
7342	201	202	790	0.07	0.4	22	650	0.03	1	< 0.5	0.22	< 0.01	37	0.10	< 0.05	0.06	0.01	0.20	2.70	19	90
7343	201	202	2750	0.08	1.4	18	970	0.03	2	< 0.5	0.18	< 0.01	33	0.06	< 0.05	0.06	0.01	0.25	2.70	32	92
7344	201	202	425	0.02	0.6	17	750	0.03	1	< 0.5	0.12	< 0.01	34	0.06	< 0.05	0.06	0.01	1.00	2.15	24	64

CERTIFICATION:

ALS Chemex

Chemex Labs, Inc.
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994 Glendale Ave., Unit 3, Sparks
Nevada, U.S.A. 89431
PHONE: 775-356-5395 FAX: 775-355-0179

To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

A0023943

Comments: ATTN: STEVE KOEHLER

CERTIFICATE A0023943

(TNFA) - NEWMONT EXPLORATION LIMITED

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 28-JUL-2000.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	54	Geochem ring to approx 150 mesh
226	54	0-3 Kg crush and split
3202	54	Rock - save entire reject
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES 1 of 2

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	54	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
9201	54	Al %: ICP + ICP-MS package	ICP	0.01	15.00
9202	54	Sb ppm: ICP + ICP-MS package	ICP-MS/ICP	0.1	10000
9203	54	As ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9204	54	Ba ppm: ICP + ICP-MS package	ICP	10	10000
9205	54	Be ppm: ICP + ICP-MS package	ICP	0.05	100.0
9206	54	Bi ppm: ICP + ICP-MS package	ICP-MS/ICP	0.01	10000
9235	54	B ppm: ICP + ICP-MS package	ICP	10	10000
9207	54	Cd ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	500
9208	54	Ca %: ICP + ICP-MS package	ICP	0.01	15.00
9209	54	Cr ppm: ICP + ICP-MS package	ICP	1	10000
9210	54	Co ppm: ICP + ICP-MS package	ICP	0.2	10000
9211	54	Cu ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9212	54	Ga ppm: ICP + ICP-MS package	ICP-MS/ICP	0.1	10000
9213	54	Ge ppm: ICP + ICP-MS package	ICP-MS	0.1	500
9214	54	Fe %: ICP + ICP-MS package	ICP	0.01	15.00
9215	54	La ppm: ICP + ICP-MS package	ICP	10	10000
9216	54	Pb ppm: ICP + ICP-MS package	ICP	2	10000
9217	54	Mg %: ICP + ICP-MS package	ICP	0.01	15.00
9218	54	Mn ppm: ICP + ICP-MS package	ICP	5	10000
9219	54	Hg ppm: ICP + ICP-MS package	ICP-MS/ICP	0.01	10000
9220	54	Mo ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9221	54	Ni ppm: ICP + ICP-MS package	ICP	1	10000
9222	54	P ppm: ICP + ICP-MS package	ICP	10	10000
9223	54	K %: ICP + ICP-MS package	ICP	0.01	10.00
9224	54	Sc ppm: ICP + ICP-MS package	ICP	1	10000
9237	54	Se ppm: ICP + ICP-MS package	ICP-MS	0.5	1000
9225	54	Ag ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	100.0
9226	54	Na %: ICP + ICP-MS package	ICP	0.01	10.00
9227	54	Sr ppm: ICP + ICP-MS package	ICP	1	10000
9236	54	S %: ICP + ICP-MS package	ICP	0.01	5.00
9228	54	Te ppm: ICP + ICP-MS package	ICP-MS	0.05	500
9229	54	Tl ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	10000
9230	54	Ti %: ICP + ICP-MS package	ICP	0.01	10.00
9231	54	W ppm: ICP + ICP-MS package	ICP-MS/ICP	0.05	10000
9232	54	U ppm: ICP + ICP-MS package	ICP-MS/ICP	0.05	10000
9233	54	V ppm: ICP + ICP-MS package	ICP	1	10000

ALS Chemex

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994 Glendale Ave., Unit 3, Sparks
Nevada, U.S.A. 89431
PHONE: 775-356-5395 FAX: 775-355-0179

To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

A0023943

Comments: ATTN: STEVE KOEHLER

CERTIFICATE A0023943

(TNFA) - NEWMONT EXPLORATION LIMITED

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 28-JUL-2000.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	54	Geochem ring to approx 150 mesh
226	54	0-3 Kg crush and split
3202	54	Rock - save entire reject

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES 2 of 2

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
9234	54	Zn ppm: ICP + ICP-MS package	ICP	2	10000

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: NEWMONT METALLURGICAL SERVICES

10101 E DRY CREEK RD.
ENGLEWOOD, COLORADO
80112

Project : AUREX / MCQUESTEN
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN CC: LINDA CARMICHAEL

Page Number : 1-A
Total Pages : 1
Certificate Date: 23-JUN-2000
Invoice No. : I0020827
P.O. Number : 21340
Account : PNX

CERTIFICATE OF ANALYSIS A0020827

SAMPLE	PREP CODE		Au ppb FA+AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
NDR 1533	205	276	5	1.23	1.1	24.2	190	0.15	0.14	< 10	0.52	2.31	147	13.0	62.1	2.8	< 0.1	2.55	< 10	10	1.38
NDR 1534	205	276	10	1.33	1.1	129.0	140	0.20	0.29	< 10	0.26	0.95	103	10.8	42.8	3.0	< 0.1	2.55	< 10	12	0.84
NDR 1535	205	276	20	2.17	1.3	419	110	0.20	0.60	< 10	0.20	1.33	148	25.0	40.0	7.2	0.1	3.78	< 10	4	2.04
NDR 1536	205	276	25	1.13	14.5	341	110	0.35	0.37	< 10	0.12	1.57	161	16.4	21.2	2.7	< 0.1	2.69	10	8	0.78
NDR 1537	205	276	90	0.60	5.1	658	90	0.20	0.56	< 10	0.14	0.15	97	9.6	30.8	1.2	< 0.1	2.12	10	6	0.15
NDR 1538	205	276	520	0.83	10.7	2410	240	0.15	3.19	< 10	0.98	0.30	117	11.0	34.6	1.7	< 0.1	2.86	10	12	0.25
NDR 1539	205	276	50	0.62	29.9	908	110	0.35	1.87	< 10	0.38	0.12	80	8.8	31.0	1.1	< 0.1	2.63	10	14	0.15
NDR 1540	205	276	20	1.20	5.0	177.5	230	0.20	0.50	< 10	0.54	0.28	129	11.6	43.4	2.9	< 0.1	2.58	10	20	0.44
NDR 1541	205	276	70	1.86	1.3	804	530	0.45	1.93	< 10	0.44	4.45	65	9.0	36.4	4.8	< 0.1	2.59	10	10	0.82
NDR 1542	205	276	50	0.83	8.9	998	120	0.35	1.11	< 10	1.26	0.20	129	8.4	20.2	1.7	< 0.1	2.18	10	14	0.22
NDR 1543	205	276	10	0.85	2.8	133.5	80	0.15	0.34	< 10	0.08	0.11	93	5.4	21.4	1.7	< 0.1	2.76	10	22	0.25
NDR 1544	205	276	5	0.50	7.4	81.0	80	0.15	0.18	< 10	0.12	0.47	116	6.2	16.6	1.0	< 0.1	2.02	10	32	0.09
NDR 1545	205	276	5	0.38	18.4	69.2	80	0.15	0.20	< 10	0.10	1.80	75	9.8	25.6	0.9	< 0.1	2.18	10	12	0.23
NDR 1546	214	--	160	1.61	37.4	724	1010	0.30	0.51	< 10	1.30	1.03	67	7.0	93.1	4.4	< 0.1	3.29	10	10	0.30
NDR 1574	205	276	< 5	0.04	2.4	66.2	20	< 0.05	0.22	< 10	0.02	0.03	130	1.2	4.0	0.1	< 0.1	0.34	< 10	14	< 0.01
NDR 1575	205	276	< 5	0.19	5.8	134.0	130	0.05	0.06	< 10	0.10	0.05	119	6.0	8.2	0.4	< 0.1	1.05	< 10	6	0.02
NDR 1576	205	276	< 5	0.06	5.5	143.0	< 10	< 0.05	0.05	< 10	0.06	6.81	73	1.4	4.2	0.1	< 0.1	0.65	< 10	30	0.08
NDR 2302	205	276	< 5	0.09	0.1	3.4	10	< 0.05	0.03	< 10	0.22	0.03	158	0.8	4.2	0.1	< 0.1	0.27	< 10	2	< 0.01

McQ - Auger
Ax - Auger
Ax - Rock grab

CERTIFICATION: _____

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: NEWMONT METALLURGICAL SERVICES

10101 E DRY CREEK RD.
ENGLEWOOD, COLORADO
80112

Project : AUREX
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN CC: LINDA CARMICHAEL

Certificate Date: 23-JUN-2000
Invoice No. :I0020827
P.O. Number :21340
Account :PNX

CERTIFICATE OF ANALYSIS A0020827

SAMPLE	PREP CODE		Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
NDR 1533	205	276	475	0.03	4.0	26	530	0.08	3	< 0.5	0.32	0.03	47	0.03	< 0.05	0.10	0.09	7.75	0.60	45	78
NDR 1534	205	276	565	0.05	1.6	24	440	0.11	2	< 0.5	0.26	0.03	27	0.02	< 0.05	0.08	0.06	5.00	0.40	38	62
NDR 1535	205	276	535	0.04	1.8	62	1200	0.51	3	< 0.5	0.20	0.06	47	0.29	< 0.05	0.52	0.15	1.90	0.25	69	86
NDR 1536	205	276	545	0.08	1.6	83	170	0.18	1	< 0.5	0.22	< 0.01	42	0.10	< 0.05	0.14	< 0.01	1.35	0.70	14	62
NDR 1537	205	276	430	0.03	1.6	24	290	0.15	1	< 0.5	0.36	< 0.01	18	0.03	0.05	0.08	< 0.01	2.15	0.85	7	42
NDR 1538	205	276	400	0.12	2.2	25	380	0.16	3	1.0	0.74	0.01	37	0.06	0.45	0.10	0.01	29.2	1.00	18	138
NDR 1539	205	276	540	< 0.01	1.0	22	170	0.18	2	0.5	0.24	< 0.01	11	< 0.01	0.05	0.16	< 0.01	1.95	0.70	7	52
NDR 1540	205	276	465	< 0.01	2.4	27	500	0.14	3	< 0.5	0.62	0.01	19	< 0.01	< 0.05	0.12	0.04	10.05	0.55	33	74
NDR 1541	205	276	640	< 0.01	0.6	19	270	0.31	3	< 0.5	0.20	0.08	94	0.07	0.05	0.16	0.04	18.05	0.60	21	62
NDR 1542	205	276	375	< 0.01	0.8	20	630	0.19	1	< 0.5	0.16	0.01	22	< 0.01	< 0.05	0.04	< 0.01	1.70	0.65	7	74
NDR 1543	205	276	275	< 0.01	1.2	12	240	0.17	1	< 0.5	0.16	0.01	22	0.05	< 0.05	0.04	< 0.01	0.85	1.10	9	48
NDR 1544	205	276	680	< 0.01	1.0	13	570	0.17	1	< 0.5	0.08	0.01	20	< 0.01	< 0.05	0.02	< 0.01	1.20	0.60	5	46
NDR 1545	205	276	605	0.03	1.2	20	340	0.13	1	< 0.5	0.08	0.01	51	0.02	< 0.05	0.02	< 0.01	0.60	0.70	6	46
NDR 1546	214	--	230	5.90	12.2	35	1040	0.34	4	2.0	0.24	0.01	62	0.21	0.05	1.66	0.01	4.35	4.15	145	96
NDR 1574	205	276	80	< 0.01	0.8	4	70	0.02	< 1	< 0.5	0.14	< 0.01	1	< 0.01	< 0.05	< 0.02	< 0.01	0.45	0.05	< 1	2
NDR 1575	205	276	445	0.01	0.4	14	70	0.11	< 1	< 0.5	0.02	< 0.01	4	0.01	< 0.05	0.02	< 0.01	0.15	0.30	1	18
NDR 1576	205	276	600	< 0.01	0.6	3	130	0.03	2	< 0.5	0.04	< 0.01	260	0.03	< 0.05	< 0.02	< 0.01	0.25	0.15	< 1	10
NDR 2302	205	276	25	< 0.01	0.4	3	120	0.01	< 1	< 0.5	0.02	< 0.01	7	< 0.01	< 0.05	0.02	< 0.01	0.25	0.25	1	26

CERTIFICATION:

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: NEWMONT METALLURGICAL SERVICES

10101 E DRY CREEK RD.
ENGLEWOOD, COLORADO
80112

Project : MCQUESTEN / AUREK AUGER.
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN/ LINDA CARMICHAEL

Page Number : 1-A
Total Pages : 1
Certificate Date: 28-JUN-2000
Invoice No. : I0021383
P.O. Number : 21342
Account : PNX

* PLEASE NOTE

CERTIFICATE OF ANALYSIS A0021383

SAMPLE	PREP CODE		Au ppb FA+AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
1554	205	226	10	1.16	0.5	29.6	90	0.25	0.36	< 10	0.14	0.21	122	13.4	22.2	2.3	< 0.1	2.89	20	6	0.43
1558	205	226	< 5	1.26	0.8	12.4	180	0.10	0.17	< 10	0.14	0.14	99	4.6	22.2	2.8	< 0.1	2.32	10	14	0.35
1559	205	226	20	1.15	0.9	93.4	350	0.15	0.16	< 10	0.30	2.15	106	13.6	80.1	2.3	< 0.1	3.28	< 10	12	1.27

CERTIFICATION:

*INTERFERENCE: Ca (>15%) ON ICP-MS As, ICP-AES RESULT SHOWN.

ALS Chemex

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Account : PNX

Project : MCQUESTEN
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN/ LINDA CARMICHAEL

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CERTIFICATE OF ANALYSIS A0021383

SAMPLE	PREP CODE	Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
1554	205 226	395	0.01	2.2	25	400	0.21	1	< 0.5	0.08	0.01	18	0.01	< 0.05	0.06	0.03	4.15	0.40	15	64
1558	205 226	250	0.01	1.2	24	390	0.06	1	< 0.5	0.22	0.01	39	0.03	< 0.05	< 0.02	< 0.01	1.05	1.50	22	52
1559	205 226	640	0.04	1.6	20	660	0.18	2	< 0.5	0.24	0.03	78	0.06	< 0.05	0.06	0.11	12.80	0.35	34	76

CERTIFICATION: *

*INTERFERENCE: Ca (>15%) ON ICP-MS As, ICP-AES RESULT SHOWN.

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P.O. Number : 21342
Account : PNX

Project : AUREX
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CERTIFICATE OF ANALYSIS A0021835

SAMPLE	PREP CODE		Au ppb FA+AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
NDR 1312 Ax Rg	205	226	105	0.07	0.8	3.8	20	< 0.05	0.13	< 10	< 0.02	< 0.01	105	0.4	1.8	0.1	< 0.1	0.23	< 10	2	< 0.01
NDR 1570 Ax-Aug	205	226	100	1.13	2.6	347	150	0.30	0.58	< 10	0.46	0.91	94	10.8	30.0	3.0	< 0.1	2.62	< 10	16	0.60
NDR 1571 Ax-Aug	205	226	10	0.86	2.0	56.4	170	0.15	0.24	< 10	0.42	2.23	93	9.0	41.0	2.2	< 0.1	1.92	< 10	18	0.83
NDR 1580 Ax-Aug	205	226	240	0.53	6.9	162.5	90	0.15	2.70	< 10	0.32	0.53	133	6.0	23.2	1.5	< 0.1	1.80	< 10	14	0.24
NDR 1581 Ax-Aug	205	226	85	0.72	3.4	225	220	0.15	0.48	< 10	0.26	1.42	94	41.2	31.2	1.9	< 0.1	2.22	< 10	10	0.69
NDR 1582	205	226	20	1.13	2.7	198.0	190	0.20	0.58	< 10	0.34	3.00	108	29.8	61.9	2.9	< 0.1	2.37	< 10	42	1.31

Aurex - Auger
McO - Auger

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Total Pages :1
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CERTIFICATE OF ANALYSIS A0021835

SAMPLE	PREP CODE		Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
NDR 1312	205	226	10	< 0.01	0.4	3	< 10	0.03	< 1	< 0.5	0.06	< 0.01	< 1	0.01	< 0.05	0.02	< 0.01	0.05	0.05	< 1	2
NDR 1570	205	226	325	0.01	1.6	27	400	0.17	2	0.5	0.32	0.01	28	0.04	< 0.05	0.12	0.01	2.20	0.90	20	78
NDR 1571	205	226	380	0.04	1.4	25	550	0.09	2	0.5	0.76	0.02	56	0.24	< 0.05	0.10	0.04	1.55	0.75	27	60
NDR 1580	205	226	480	0.06	4.4	16	160	0.14	1	0.5	0.38	< 0.01	12	0.07	0.05	0.12	< 0.01	4.95	0.45	11	50
NDR 1581	205	226	395	0.01	3.0	21	290	0.13	2	< 0.5	0.26	0.01	34	0.19	< 0.05	0.08	0.03	202	0.60	23	46
NDR 1582	205	226	510	0.02	4.0	31	440	0.11	3	< 0.5	0.98	0.04	51	0.03	< 0.05	0.08	0.06	75.6	0.40	35	64

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Project : MCQUESTEN/AUREX
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN/ LINDA CARMICHAEL

Page Number :1-A
Total Pages :1
Certificate Date: 14-JUL-2000
Invoice No. :I0022536
P.O. Number :21342
Account :TNFA

CERTIFICATE OF ANALYSIS A0022536

SAMPLE	PREP CODE		Au ppb FA+AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
NDR 2019	214	--	< 5	2.82	0.5	6.6	760	0.90	0.31	< 10	0.38	1.26	20	8.2	21.4	5.8	< 0.1	2.42	10	12	0.65
NDR 2306	205	226	< 5	0.07	0.4	15.6	< 10	< 0.05	0.14	< 10	0.22	0.04	211	0.8	3.2	0.1	< 0.1	0.47	< 10	< 2	< 0.01
NDR 2329	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd

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Page Number :1-B
Total Pages :1
Certificate Date: 14-JUL-2000
Invoice No. :I0022536
P.O. Number :21342
Account :TNFA

CERTIFICATE OF ANALYSIS A0022536

SAMPLE	PREP CODE		Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
NDR 2019	214	--	530	0.06	0.8	22	550	0.55	6	< 0.5	0.10	0.14	92	0.02	< 0.05	0.26	0.09	5.60	1.10	56	84
NDR 2306	205	226	35	< 0.01	0.6	5	80	< 0.01	< 1	< 0.5	< 0.02	< 0.01	2	< 0.01	< 0.05	< 0.02	< 0.01	3.90	0.05	2	18
NDR 2329	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd

CERTIFICATION:

ALS Chemex

Chemex Labs, Inc.
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Page Number :1-A
Total Pages :1
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CERTIFICATE OF ANALYSIS A0022540

SAMPLE	PREP CODE	Au ppb FA+AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
NDR 1318	205 226	< 5	2.73	3.6	33.6	80	0.50	0.19	< 10	0.16	0.94	58	15.8	20.8	5.0	< 0.1	5.21	30	2	1.07
NDR 1319	205 226	< 5	1.37	0.7	9.2	110	0.30	0.18	< 10	0.10	0.72	91	12.8	23.8	2.8	< 0.1	2.85	20	20	0.54
NDR 1320	205 226	30	1.31	2.9	215	300	0.30	1.00	< 10	2.24	1.65	95	12.0	42.6	2.5	< 0.1	2.95	< 10	18	0.74
NDR 2305	205 226	< 5	2.22	0.8	184.5	210	0.65	0.46	< 10	0.08	0.23	83	20.6	32.4	4.5	< 0.1	3.76	10	2	0.87
NDR 2307	205 226	< 5	1.24	0.9	24.6	290	0.40	1.99	< 10	0.42	4.85	86	11.4	33.4	2.7	< 0.1	2.61	< 10	12	2.07
NDR 2308	205 226	< 5	0.15	0.2	5.4	40	0.05	0.46	< 10	0.12	1.10	135	1.6	3.4	0.3	< 0.1	1.11	< 10	78	0.14
NDR 2309	205 226	< 5	0.80	< 0.1	0.8	80	0.10	0.05	< 10	0.02	0.10	109	3.8	12.4	2.0	< 0.1	1.40	< 10	10	0.24
NDR 2310	205 226	< 5	0.28	< 0.1	0.8	70	0.05	0.14	< 10	< 0.02	0.04	164	1.0	2.8	0.7	< 0.1	0.69	< 10	26	0.08
NDR 2311	205 226	< 5	0.99	3.0	173.0	50	0.10	0.13	< 10	0.04	0.04	151	2.6	10.8	2.0	< 0.1	2.29	< 10	16	0.35
NDR 2312	205 226	70	0.07	61.5	1325	100	0.15	0.01	< 10	0.02	2.39	115	1.8	4.4	0.2	< 0.1	2.26	< 10	< 2	0.54
NDR 2313	214 --	380	0.44	253	359	1700	0.15	0.40	< 10	1.48	0.39	52	5.4	98.1	3.2	< 0.1	1.60	10	234	0.03

Aurex Auger Holes 1317-2307
Aurex Rock Grab 2308-2313

CERTIFICATION:

ALS Chemex

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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
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Certificate Date: 13-JUL-2000
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Project : AUREX
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CERTIFICATE OF ANALYSIS A0022540

SAMPLE	PREP CODE		Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
NDR 1318	205	226	1090	0.01	0.2	54	480	0.19	1	< 0.5	0.08	0.01	51	< 0.01	< 0.05	0.04	0.01	3.00	0.75	16	118
NDR 1319	205	226	700	0.02	0.8	32	880	0.21	1	< 0.5	0.08	0.01	66	0.01	< 0.05	0.02	< 0.01	5.80	0.85	11	84
NDR 1320	205	226	490	0.05	2.4	36	700	0.22	3	2.0	0.66	0.01	69	0.58	0.05	0.12	0.02	4.90	1.40	30	164
NDR 2305	205	226	725	0.02	0.2	40	360	0.70	4	< 0.5	0.12	0.02	27	0.01	< 0.05	0.44	0.05	2.55	1.10	23	90
NDR 2307	205	226	675	0.07	1.8	28	640	0.15	3	0.5	0.24	0.02	83	0.07	< 0.05	0.08	0.04	8.90	0.65	40	90
NDR 2308	205	226	715	< 0.01	0.2	4	240	0.03	< 1	< 0.5	0.08	< 0.01	26	< 0.01	< 0.05	< 0.02	< 0.01	1.90	< 0.05	1	10
NDR 2309	205	226	250	< 0.01	< 0.2	12	480	0.44	1	< 0.5	0.02	0.02	10	< 0.01	< 0.05	0.12	0.08	1.65	0.35	10	26
NDR 2310	205	226	60	< 0.01	0.2	4	580	0.11	< 1	< 0.5	0.04	< 0.01	7	< 0.01	< 0.05	< 0.02	0.01	1.65	0.15	4	8
NDR 2311	205	226	195	< 0.01	0.4	8	300	0.11	1	< 0.5	0.08	0.01	8	0.03	< 0.05	0.02	< 0.01	1.50	0.45	10	34
NDR 2312	205	226	1315	0.01	0.2	7	110	0.04	< 1	< 0.5	0.42	< 0.01	59	0.53	< 0.05	0.02	< 0.01	1.80	0.55	1	12
NDR 2313	214	--	20	0.40	117.0	54	1840	0.10	10	3.5	0.18	< 0.01	161	0.08	0.05	1.38	< 0.01	14.70	33.2	273	58

CERTIFICATION:

ALS Chemex

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10101 DRY CREEK RD.
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Account :TNFA

Project : AUREX
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN / LINDA CARMICHAEL

* PLEASE NOTE

CERTIFICATE OF ANALYSIS A0023563

SAMPLE	PREP CODE		Au ppb FA+AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
NDR 291	205	226	245	1.05	28.0	>10000	30	< 0.50	6.00	< 10	< 0.50	5.30	53	11.0	6.0	< 10.0	Minrlzd	4.59	< 10	< 2	1.40
NDR 292	205	226	< 5	0.14	1.8	335	30	< 0.05	0.40	< 10	0.06	10.10	84	1.8	4.2	0.4	< 0.1	0.86	10	32	0.12
NDR 293	205	226	5	0.20	8.3	54.6	10	< 0.05	0.07	< 10	< 0.02	0.64	158	4.0	27.6	0.6	< 0.1	0.86	< 10	< 2	0.28
NDR 294	205	226	15	0.08	1.2	724	< 10	< 0.05	0.06	< 10	< 0.02	0.07	135	0.8	2.6	0.2	< 0.1	0.42	< 10	< 2	0.01
NDR 1313	205	226	< 5	0.29	0.4	22.0	10	0.05	0.06	10	0.02	0.01	113	1.2	3.0	0.8	< 0.1	0.74	< 10	2	0.12
NDR 1583	205	226	70	0.66	8.5	348	90	0.45	0.44	< 10	0.10	0.18	46	13.6	32.2	1.7	< 0.1	3.08	10	2	0.15
NDR 1584	205	226	< 5	1.56	0.8	241	140	0.45	0.48	< 10	0.24	1.12	67	10.8	20 4	4.7	< 0.1	2.60	10	10	0.61
NDR 2316	205	226	< 5	0.11	5.1	435	40	0.05	0.24	< 10	0.14	0.06	125	3.6	8.8	0.3	< 0.1	1.08	< 10	10	0.01
NDR 2317	205	226	25	0.22	4.2	415	90	0.15	0.42	10	0.16	0.06	118	5.2	9.4	0.5	< 0.1	1.27	< 10	12	0.02
NDR 2318	205	226	25	0.16	20.7	386	40	< 0.05	0.04	< 10	0.04	0.01	137	1.2	3.4	0.4	< 0.1	0.59	< 10	4	< 0.01
NDR 2319	205	226	< 5	0.17	5.6	244	30	< 0.05	0.38	< 10	0.06	< 0.01	110	2.4	5.2	0.5	< 0.1	1.02	< 10	20	0.01
NDR 2320	205	226	< 5	0.14	4.9	245	40	0.05	0.02	< 10	0.10	0.04	125	2.2	4.4	0.4	< 0.1	0.95	< 10	4	0.01
NDR 2324	205	226	< 5	0.40	0.7	5.2	70	0.05	0.09	< 10	< 0.02	2.52	79	2.6	10.6	1.2	< 0.1	1.04	10	8	0.15
NDR 2325	205	226	< 5	0.43	0.1	2.4	50	0.15	0.11	< 10	< 0.02	0.08	124	2.8	6.0	1.2	< 0.1	0.79	< 10	4	0.15
NDR 2326	205	226	< 5	0.97	0.5	1.4	50	0.25	0.22	10	0.32	0.07	135	33.8	25.8	2.4	< 0.1	2.59	10	20	0.35
NDR 2327	205	226	1805	0.04	22.0	>10000	20	< 0.50	30.0	< 10	< 0.50	>15.00	10	4.0	4.0	< 10.0	Minrlzd	2.39	10	22	0.21
NDR 2328	205	226	< 5	0.05	0.9	288	10	< 0.05	0.81	< 10	0.12	>15.00	12	2.8	6.2	0.3	< 0.1	0.63	10	42	0.21

Aurex - Rockgrab (RG)
Aurex - Auger (Aug)
mg

CERTIFICATION: *+

*INTERFERENCE: Ca (>15%) ON ICP-MS As, ICP-AES RESULT SHOWN.

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : AUREX
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN / LINDA CARMICHAEL

Page Number :1-B
Total Pages :1
Certificate Date: 26-JUL-2000
Invoice No. :I0023563
P.O. Number :21340
Account :TNFA

* PLEASE NOTE

CERTIFICATE OF ANALYSIS A0023563

SAMPLE	PREP CODE		Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
NDR 291	205	226	1365	< 1.00	2.0	10	420	0.02	4	Minrlzd	0.80	0.03	144	1.53	Minrlzd	< 10.00	< 0.01	< 10.00	< 10.00	3	38
NDR 292	205	226	875	< 0.01	0.4	5	60	0.11	1	< 0.5	0.10	< 0.01	263	0.01	< 0.05	0.02	< 0.01	0.25	0.20	< 1	2
NDR 293	205	226	525	0.03	0.6	10	90	0.03	< 1	< 0.5	0.06	< 0.01	19	0.05	< 0.05	< 0.02	< 0.01	0.25	0.05	1	20
NDR 294	205	226	25	< 0.01	0.4	4	270	< 0.01	< 1	< 0.5	< 0.02	0.06	6	0.04	< 0.05	< 0.02	< 0.01	0.20	0.15	< 1	< 2
NDR 1313	205	226	110	< 0.01	0.4	5	70	0.07	< 1	< 0.5	< 0.02	< 0.01	1	< 0.01	< 0.05	0.02	< 0.01	0.20	0.10	2	10
NDR 1583	205	226	555	0.01	0.8	32	350	0.22	2	< 0.5	0.44	< 0.01	15	0.18	< 0.05	0.14	< 0.01	2.10	0.95	7	64
NDR 1584	205	226	330	< 0.01	0.8	23	200	0.39	3	< 0.5	0.24	0.07	45	0.03	< 0.05	0.26	0.06	1.00	0.85	15	70
NDR 2316	205	226	370	< 0.01	0.4	10	150	0.04	1	< 0.5	0.02	0.02	3	0.01	< 0.05	0.02	< 0.01	0.30	0.15	1	16
NDR 2317	205	226	690	< 0.01	0.4	12	110	0.09	1	< 0.5	0.06	0.02	4	0.01	< 0.05	0.04	< 0.01	0.35	0.25	1	20
NDR 2318	205	226	80	0.01	0.4	4	50	0.11	< 1	< 0.5	0.16	< 0.01	1	< 0.01	< 0.05	0.02	< 0.01	0.20	0.10	< 1	6
NDR 2319	205	226	145	< 0.01	0.4	7	60	0.12	< 1	< 0.5	0.06	< 0.01	3	0.01	< 0.05	0.02	< 0.01	0.30	0.20	1	10
NDR 2320	205	226	325	< 0.01	0.4	7	50	0.10	< 1	< 0.5	0.02	< 0.01	3	< 0.01	< 0.05	0.02	< 0.01	0.20	0.20	< 1	14
NDR 2324	205	226	710	< 0.01	0.2	8	340	0.18	< 1	< 0.5	< 0.02	0.01	61	0.01	< 0.05	0.02	< 0.01	0.25	0.35	2	16
NDR 2325	205	226	75	< 0.01	0.4	9	140	0.20	< 1	< 0.5	< 0.02	0.02	4	< 0.01	< 0.05	0.04	0.03	0.15	0.45	3	14
NDR 2326	205	226	875	< 0.01	0.6	35	260	0.13	1	< 0.5	< 0.02	0.01	9	< 0.01	< 0.05	0.02	< 0.01	0.20	0.80	5	64
NDR 2327	205	226	1200	< 1.00	3.0	3	130	0.02	1	Minrlzd	3.40	< 0.01	556	1.35	Minrlzd	< 10.00	< 0.01	160.0	< 10.00	< 1	6
NDR 2328	205	226	1700	< 0.01	3.2	4	540	0.01	3	< 0.5	0.08	0.01	757	0.04	< 0.05	< 0.02	< 0.01	0.30	0.45	< 1	< 2

CERTIFICATION: _____ *+

*INTERFERENCE: Ca (>15%) ON ICP-MS As, ICP-AES RESULT SHOWN.

ALS Chemex

Chemex Labs, Inc.
Analytical Chemists * Geochemists * Registered Assayers
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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
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80112, USA

Project : AUREX TRCO-01
Comments: ATTN: STEVE KOEHLER

Page Number :1-A
Total Pages :2
Certificate Date: 28-JUL-2000
Invoice No. :10023943
P.O. Number :
Account :TNFA

CERTIFICATE OF ANALYSIS A0023943

SAMPLE	PREP CODE		Au ppb FA+AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
NDR 0751	205	226	140	0.91	8.4	3810	150	0.30	1.55	< 10	0.06	0.19	91	9.2	31.8	2.4	< 0.1	2.46	10	10	0.38
NDR 0752	205	226	145	0.58	4.3	4460	240	0.15	0.97	< 10	0.06	0.14	107	7.8	18.4	1.4	< 0.1	1.93	< 10	8	0.23
NDR 0753	205	226	35	1.07	5.8	1065	110	0.25	0.82	< 10	0.06	0.30	70	9.0	34.0	2.6	< 0.1	2.53	10	10	0.43
NDR 0754	205	226	695	1.41	3.7	3660	240	0.65	24.8	< 10	0.10	0.33	60	11.0	44.8	3.5	< 0.1	3.04	< 10	12	0.72
NDR 0755	205	226	400	1.22	14.1	3350	260	0.65	8.35	< 10	0.14	0.23	66	15.4	60.6	2.7	< 0.1	3.62	10	18	0.45
NDR 0756	205	226	785	1.12	16.7	4120	250	0.45	4.60	< 10	0.08	0.21	74	12.4	43.0	2.5	< 0.1	3.53	10	22	0.43
NDR 0757	205	226	20	1.08	8.5	614	250	0.25	0.45	< 10	0.12	0.09	72	10.6	28.0	2.4	< 0.1	2.60	10	6	0.43
NDR 0758	205	226	90	1.10	13.4	1605	150	0.50	3.80	< 10	0.18	0.19	62	11.6	48.6	2.3	< 0.1	2.68	10	16	0.45
NDR 0759	205	226	465	1.24	14.3	1790	130	0.65	7.13	< 10	0.20	1.47	57	8.8	43.8	2.8	< 0.1	2.78	10	10	0.57
NDR 0760	205	226	535	0.88	38.7	3850	130	0.35	6.41	< 10	0.24	0.70	60	8.6	44.2	1.7	< 0.1	3.15	10	24	0.27
NDR 0761	205	226	210	0.68	38.1	3050	260	0.35	1.86	< 10	0.42	5.75	43	10.0	38.8	1.3	< 0.1	2.50	10	16	0.16
NDR 0762	205	226	280	0.49	120.5	2740	70	0.65	2.93	< 10	0.58	7.13	42	9.0	41.4	1.0	< 0.1	2.22	10	12	0.13
NDR 0763	205	226	135	0.99	188.0	2030	120	0.45	2.55	< 10	0.50	4.15	72	13.4	51.1	2.1	< 0.1	2.99	20	18	0.25
NDR 0764	205	226	135	0.56	125.0	2370	80	0.20	1.32	< 10	0.22	1.55	60	9.6	38.6	1.1	< 0.1	2.54	10	16	0.13
NDR 0765	205	226	45	0.77	339	1200	80	0.40	1.03	< 10	0.08	0.24	60	12.8	48.0	1.8	< 0.1	3.19	10	12	0.22
NDR 0766	205	226	35	0.75	217	1315	80	0.35	0.85	< 10	0.18	0.22	72	14.2	66.9	1.6	< 0.1	2.87	10	12	0.26
NDR 0767	205	226	30	0.84	71.7	1250	90	0.30	0.63	< 10	0.08	0.16	66	10.4	58.7	2.1	< 0.1	2.89	10	12	0.33
NDR 0768	205	226	215	0.97	32.0	2370	110	0.50	2.75	< 10	0.12	0.31	75	9.6	52.1	2.7	< 0.1	2.56	10	12	0.44
NDR 0769	205	226	160	0.86	14.0	2750	140	0.35	3.17	< 10	0.14	0.88	88	7.0	35.2	2.2	< 0.1	2.13	10	12	0.27
NDR 0770	205	226	60	0.68	2.5	327	100	0.15	2.09	< 10	0.24	6.26	64	4.6	28.4	1.7	< 0.1	1.26	10	12	0.22
NDR 0771	205	226	115	1.48	3.1	1100	160	0.45	2.13	< 10	0.18	0.38	88	9.6	31.2	3.4	< 0.1	2.80	10	10	0.72
NDR 0772	205	226	65	1.21	4.7	618	140	0.30	1.38	10	0.24	0.28	101	6.0	22.0	2.7	< 0.1	2.20	< 10	12	0.53
NDR 0773	205	226	90	1.23	19.2	1430	130	0.65	1.63	< 10	0.58	0.26	98	10.0	36.4	2.6	< 0.1	2.77	10	16	0.43
NDR 0774	205	226	50	1.24	6.8	608	100	0.35	1.00	< 10	0.44	0.13	109	7.4	20.6	3.1	< 0.1	2.36	10	10	0.61
NDR 0775	205	226	45	1.11	12.2	1175	130	0.60	1.38	< 10	1.34	0.35	109	6.2	17.6	2.2	< 0.1	2.27	10	16	0.41
NDR 0776	205	226	10	1.26	5.1	493	140	0.50	0.85	< 10	0.50	0.19	85	9.2	27.0	3.2	< 0.1	2.93	10	12	0.55
NDR 0777	205	226	1105	1.05	13.7	1155	160	0.35	3.66	< 10	0.22	0.18	90	9.2	31.6	2.4	< 0.1	3.00	10	18	0.43
NDR 0778	205	226	55	0.42	65.8	758	100	0.30	0.94	10	0.40	0.08	89	6.0	16.4	0.8	< 0.1	1.69	10	18	0.06
NDR 0779	205	226	90	0.82	137.0	1140	180	0.35	1.43	< 10	1.08	0.15	48	10.6	29.8	1.7	< 0.1	3.52	20	12	0.20
NDR 0780	205	226	100	1.20	6.7	1385	110	0.50	1.41	< 10	0.14	0.60	87	11.8	37.6	3.2	< 0.1	2.99	10	10	0.43
NDR 0781	205	226	415	1.47	8.5	2290	120	0.70	6.23	< 10	0.16	4.25	61	13.0	69.5	4.1	< 0.1	3.11	10	8	0.57
NDR 0782	205	226	965	1.34	23.6	5610	220	0.55	14.85	< 10	0.14	0.37	50	14.2	47.0	2.1	< 0.1	4.15	30	10	0.39
NDR 0783	205	226	1085	1.63	23.6	5860	200	0.85	11.30	< 10	0.22	6.18	41	13.0	57.5	3.6	< 0.1	3.45	20	12	0.51
NDR 0784	205	226	250	1.54	22.8	3620	120	0.55	2.92	< 10	0.10	0.34	64	13.2	60.3	3.4	< 0.1	3.55	20	12	0.52
NDR 0785	205	226	1655	1.24	21.7	7680	190	0.60	12.00	< 10	0.22	0.48	62	10.6	54.7	3.1	< 0.1	3.41	10	22	0.45
NDR 0786	205	226	465	1.27	6.1	3170	120	0.45	6.37	< 10	0.16	1.20	69	12.0	66.0	3.2	< 0.1	3.12	10	10	0.46
NDR 0787	205	226	310	1.24	4.1	2060	90	0.40	3.79	< 10	0.12	0.65	74	13.2	66.8	3.3	< 0.1	3.05	20	10	0.46
NDR 0788	205	226	115	1.37	7.7	866	90	0.60	2.08	< 10	0.10	0.75	76	13.2	46.4	3.7	< 0.1	2.69	20	12	0.45
NDR 0789	205	226	285	1.87	4.8	1370	150	0.65	3.02	< 10	0.12	0.24	74	13.6	56.4	5.1	< 0.1	3.62	20	8	0.69
NDR 0790	205	226	245	1.27	8.3	2400	130	0.50	2.34	< 10	0.12	0.24	84	13.4	48.2	3.4	< 0.1	2.63	10	6	0.46

CERTIFICATION:

ALS Chemex

Chemex Labs, Inc.
Analytical Chemists * Geochemists * Registered Assayers
994 Glendale Ave., Unit 3, Sparks
Nevada, U.S.A. 89431
PHONE: 775-356-5395 FAX: 775-355-0179

To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project :
Comments: ATTN: STEVE KOEHLER

Page Number : 1-B
Total Pages : 2
Certificate Date: 28-JUL-2000
Invoice No. : I0023943
P.O. Number :
Account : TNFA

CERTIFICATE OF ANALYSIS A0023943

SAMPLE	PREP CODE	Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
NDR 0751	205 226	340	< 0.01	0.4	22	320	0.20	2	0.5	0.18	0.01	23	0.07	0.15	0.12	< 0.01	0.60	0.70	8	46
NDR 0752	205 226	200	< 0.01	0.8	17	40	0.12	1	0.5	0.12	0.01	21	0.06	0.15	0.06	< 0.01	1.55	0.40	4	30
NDR 0753	205 226	295	< 0.01	0.6	21	210	0.23	1	< 0.5	0.16	0.01	20	0.03	0.05	0.12	< 0.01	0.55	0.55	8	48
NDR 0754	205 226	765	< 0.01	0.6	24	380	0.24	3	< 0.5	0.40	0.01	30	0.02	0.85	0.16	< 0.01	31.0	0.85	11	56
NDR 0755	205 226	830	< 0.01	0.6	42	350	0.24	3	< 0.5	0.70	0.01	23	0.01	0.40	0.14	< 0.01	54.2	1.50	12	62
NDR 0756	205 226	305	< 0.01	0.6	31	310	0.20	2	< 0.5	0.84	< 0.01	61	0.01	0.50	0.12	< 0.01	0.85	1.15	6	56
NDR 0757	205 226	230	< 0.01	0.6	25	210	0.18	1	< 0.5	0.16	< 0.01	10	0.01	< 0.05	0.08	< 0.01	0.60	0.60	7	44
NDR 0758	205 226	770	< 0.01	0.6	28	270	0.18	3	< 0.5	0.36	< 0.01	15	< 0.01	0.10	0.08	< 0.01	0.35	0.75	9	62
NDR 0759	205 226	915	< 0.01	0.6	21	240	0.18	3	< 0.5	0.42	< 0.01	58	< 0.01	0.20	0.08	< 0.01	0.85	0.55	10	62
NDR 0760	205 226	650	< 0.01	0.8	22	310	0.19	3	< 0.5	1.16	< 0.01	35	0.01	0.15	0.10	< 0.01	0.50	0.75	6	62
NDR 0761	205 226	1115	0.01	0.6	23	330	0.17	3	< 0.5	0.72	< 0.01	275	< 0.01	0.15	0.08	< 0.01	0.45	0.80	3	54
NDR 0762	205 226	805	< 0.01	0.6	24	300	0.16	3	< 0.5	0.34	0.01	189	< 0.01	0.25	0.08	< 0.01	1.05	0.65	4	62
NDR 0763	205 226	900	< 0.01	1.2	42	420	0.30	4	< 0.5	0.48	0.01	116	0.01	< 0.05	0.16	< 0.01	4.65	0.70	9	84
NDR 0764	205 226	550	< 0.01	1.0	32	320	0.19	2	< 0.5	0.38	0.01	44	0.01	0.05	0.08	< 0.01	0.60	0.60	4	72
NDR 0765	205 226	480	< 0.01	1.0	34	420	0.22	1	< 0.5	0.22	0.01	17	0.05	< 0.05	0.08	< 0.01	0.20	0.85	6	64
NDR 0766	205 226	425	< 0.01	1.0	35	390	0.21	2	< 0.5	0.18	0.01	15	0.03	< 0.05	0.08	< 0.01	0.20	0.65	6	78
NDR 0767	205 226	475	0.01	1.4	30	360	0.22	2	< 0.5	0.18	0.01	14	0.01	< 0.05	0.10	< 0.01	0.25	0.55	7	68
NDR 0768	205 226	540	< 0.01	1.6	26	430	0.20	3	< 0.5	0.16	0.01	21	0.03	0.10	0.10	< 0.01	1.30	0.65	12	64
NDR 0769	205 226	370	< 0.01	1.0	19	250	0.18	3	< 0.5	0.30	0.04	35	0.03	0.15	0.08	< 0.01	12.20	0.70	10	42
NDR 0770	205 226	485	< 0.01	0.2	11	560	0.13	1	< 0.5	0.16	0.04	258	< 0.01	0.05	0.06	0.01	1.00	0.50	6	28
NDR 0771	205 226	475	0.02	0.2	24	260	0.31	3	< 0.5	0.20	0.01	18	0.01	0.15	0.14	0.01	9.65	0.55	14	60
NDR 0772	205 226	395	0.01	0.6	16	170	0.34	1	< 0.5	0.20	0.01	17	0.01	< 0.05	0.18	0.01	1.15	0.50	9	50
NDR 0773	205 226	815	0.02	0.6	30	530	0.24	3	< 0.5	0.34	0.01	20	< 0.01	0.05	0.12	< 0.01	0.60	0.65	11	70
NDR 0774	205 226	395	0.21	0.4	19	190	0.24	1	< 0.5	0.16	0.01	12	0.01	< 0.05	0.10	< 0.01	0.80	0.70	11	102
NDR 0775	205 226	765	0.02	0.4	19	380	0.21	2	< 0.5	0.18	0.01	23	< 0.01	< 0.05	0.08	< 0.01	0.25	0.65	7	68
NDR 0776	205 226	425	0.01	0.4	23	350	0.27	2	< 0.5	0.20	0.01	14	0.01	< 0.05	0.10	< 0.01	0.25	0.85	10	72
NDR 0777	205 226	525	0.01	0.6	25	430	0.24	3	< 0.5	0.32	0.01	14	0.01	0.15	0.10	< 0.01	0.40	0.55	12	70
NDR 0778	205 226	395	< 0.01	0.6	18	180	0.21	1	< 0.5	0.42	0.01	7	< 0.01	0.05	0.08	< 0.01	0.30	0.35	3	44
NDR 0779	205 226	455	< 0.01	0.8	34	340	0.30	2	< 0.5	0.24	0.01	14	0.01	0.05	0.16	< 0.01	0.45	0.70	8	110
NDR 0780	205 226	790	0.02	0.8	27	260	0.31	3	< 0.5	0.14	0.01	27	0.01	< 0.05	0.16	0.01	1.65	0.70	12	64
NDR 0781	205 226	730	0.17	0.6	28	440	0.33	3	< 0.5	0.26	0.03	143	< 0.01	0.20	0.24	0.01	91.9	0.95	13	62
NDR 0782	205 226	425	0.01	1.0	40	570	0.22	3	< 0.5	0.32	< 0.01	40	0.01	0.45	0.12	< 0.01	4.25	1.55	5	100
NDR 0783	205 226	920	0.12	0.6	32	520	0.26	3	< 0.5	1.40	0.04	234	0.04	0.75	0.16	< 0.01	62.0	1.65	9	72
NDR 0784	205 226	435	0.03	0.6	34	340	0.25	3	< 0.5	0.26	0.01	30	0.01	0.25	0.16	< 0.01	10.30	1.10	12	82
NDR 0785	205 226	485	0.06	0.4	26	300	0.24	2	< 0.5	0.98	< 0.01	55	< 0.01	0.80	0.16	< 0.01	31.0	1.55	10	66
NDR 0786	205 226	575	0.03	0.6	29	370	0.28	2	< 0.5	0.28	0.03	63	0.01	0.30	0.14	< 0.01	10.25	1.05	10	70
NDR 0787	205 226	615	0.03	0.6	27	360	0.29	2	< 0.5	0.20	0.01	34	< 0.01	0.15	0.18	0.01	14.85	0.90	12	66
NDR 0788	205 226	585	0.05	0.6	30	340	0.35	2	< 0.5	0.18	0.03	40	0.01	< 0.05	0.22	0.01	19.40	0.75	12	66
NDR 0789	205 226	630	< 0.01	0.4	32	480	0.59	3	< 0.5	0.14	0.01	20	< 0.01	0.10	0.40	0.05	3.60	0.70	21	72
NDR 0790	205 226	490	0.03	0.4	30	290	0.44	3	< 0.5	0.24	0.03	24	0.02	0.10	0.26	0.02	12.00	0.80	13	64

CERTIFICATION:

ALS Chemex

Chemex Labs, Inc.
Analytical Chemists * Geochemists * Registered Assayers
994 Glendale Ave., Unit 3, Sparks
Nevada, U.S.A. 89431
PHONE: 775-356-5395 FAX: 775-355-0179

To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project :
Comments: ATTN: STEVE KOEHLER

Page Number :2-A
Total Pages :2
Certificate Date: 28-JUL-2000
Invoice No. :I0023943
P.O. Number :
Account :TNFA

CERTIFICATE OF ANALYSIS A0023943

SAMPLE	PREP CODE		Au ppb FA+AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
NDR 0791	205	226	230	1.49	7.9	1850	110	0.40	4.75	< 10	0.06	0.22	87	14.8	38.0	4.4	< 0.1	2.66	10	10	0.62
NDR 0792	205	226	85	1.67	3.6	3560	110	0.45	1.24	< 10	0.02	0.27	76	15.0	52.3	4.5	< 0.1	3.60	10	6	0.64
NDR 0793	205	226	105	2.01	3.4	4180	140	0.50	1.53	< 10	0.02	0.23	69	14.2	39.8	5.2	0.1	4.29	20	6	0.70
NDR 0794	205	226	50	2.22	8.6	1050	130	0.50	0.44	< 10	0.02	0.16	81	21.6	33.6	5.5	0.1	4.02	10	4	0.80
NDR 0795	205	226	80	1.90	4.2	2890	180	0.50	0.95	< 10	0.02	0.14	77	20.2	47.4	4.9	0.1	3.92	10	6	0.72
NDR 0796	205	226	95	1.93	2.0	2950	130	0.35	0.99	< 10	0.02	0.12	83	14.2	31.2	5.0	< 0.1	3.76	10	6	0.81
NDR 0797	205	226	100	2.24	1.4	1170	160	0.55	1.05	< 10	0.02	0.15	99	18.4	25.2	5.7	0.1	3.84	20	8	0.89
NDR 0798	205	226	20	1.88	2.2	878	140	0.35	0.48	< 10	0.02	0.14	97	20.2	37.0	4.9	0.1	3.73	10	6	0.70
NDR 0799	205	226	45	2.09	16.7	1500	150	0.55	0.68	< 10	0.02	0.20	85	19.0	33.2	5.0	< 0.1	3.87	20	6	0.79
NDR 0800	205	226	25	1.66	21.4	1750	120	0.55	0.62	< 10	0.04	0.15	85	14.0	36.2	3.5	< 0.1	3.80	10	8	0.59
NDR 0801	205	226	45	1.58	14.7	1200	100	0.50	0.73	< 10	0.06	0.17	94	16.6	45.2	3.4	< 0.1	3.77	10	6	0.55
NDR 0802	205	226	445	1.65	18.7	4550	210	0.50	3.42	< 10	0.04	0.26	70	18.8	29.4	3.3	< 0.1	4.15	10	10	0.47
NDR 0803	205	226	85	1.80	12.5	1190	160	0.50	1.93	< 10	0.02	0.19	99	15.8	61.9	4.7	< 0.1	3.51	10	8	0.70
NDR 0804	205	226	285	1.39	2.4	2520	130	0.35	3.17	< 10	0.04	0.16	96	13.4	38.0	4.0	< 0.1	3.07	10	8	0.56

CERTIFICATION:

ALS Chemex

Chemex Labs, Inc.
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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project :
Comments: ATTN: STEVE KOEHLER

Page Number :2-B
Total Pages :2
Certificate Date: 28-JUL-2000
Invoice No. :10023943
P.O. Number :
Account :TNFA

CERTIFICATE OF ANALYSIS A0023943

SAMPLE	PREP CODE		Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
NDR 0791	205	226	420	< 0.01	0.6	30	380	0.50	2	< 0.5	0.22	0.01	19	0.01	0.15	0.40	0.03	6.60	0.75	14	66
NDR 0792	205	226	420	< 0.01	0.4	32	360	0.55	2	< 0.5	0.12	0.01	31	< 0.01	0.10	0.42	0.04	71.9	0.95	16	72
NDR 0793	205	226	465	0.01	0.6	36	370	0.91	3	< 0.5	0.10	0.01	50	0.03	0.15	0.88	0.08	0.55	1.20	19	72
NDR 0794	205	226	575	< 0.01	0.6	44	380	0.68	3	< 0.5	0.10	< 0.01	22	0.01	< 0.05	0.54	0.05	0.45	0.85	19	84
NDR 0795	205	226	480	< 0.01	0.6	32	380	0.72	3	0.5	0.12	0.01	34	0.04	0.05	0.62	0.05	0.55	1.15	20	70
NDR 0796	205	226	375	< 0.01	1.2	32	360	0.64	3	< 0.5	0.08	0.01	33	0.03	0.10	0.52	0.05	21.5	1.00	21	76
NDR 0797	205	226	405	< 0.01	0.8	38	480	0.96	4	< 0.5	0.10	0.01	23	0.01	0.05	0.86	0.08	0.40	0.80	27	76
NDR 0798	205	226	495	< 0.01	0.8	39	440	0.79	3	< 0.5	0.08	0.01	16	0.01	< 0.05	0.64	0.06	0.35	0.90	23	76
NDR 0799	205	226	425	< 0.01	0.8	39	350	0.76	4	< 0.5	0.08	< 0.01	20	0.01	0.05	0.64	0.06	0.30	1.10	22	80
NDR 0800	205	226	370	< 0.01	1.2	36	350	0.48	3	< 0.5	0.10	< 0.01	19	0.03	0.05	0.32	0.01	0.30	1.20	14	78
NDR 0801	205	226	405	< 0.01	5.2	34	320	0.38	3	< 0.5	0.18	0.01	17	0.01	0.05	0.26	0.01	0.30	1.60	21	76
NDR 0802	205	226	570	< 0.01	1.0	37	300	0.57	3	< 0.5	0.16	< 0.01	33	0.02	0.85	0.44	0.03	1.70	1.60	12	78
NDR 0803	205	226	525	< 0.01	0.6	34	300	0.44	3	0.5	0.14	0.01	18	0.01	0.05	0.30	0.02	11.95	0.70	17	78
NDR 0804	205	226	505	< 0.01	0.4	28	260	0.32	2	< 0.5	0.18	0.01	18	0.03	0.25	0.18	< 0.01	8.15	0.45	14	60

CERTIFICATION:

ALS Chemex

Chemex Labs, Inc.
Analytical Chemists * Geochemists * Registered Assayers
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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project :
Comments: ATTN: STEVE KOEHLER

Page Number :1-A
Total Pages :1
Certificate Date: 28-JUL-2000
Invoice No. :I0023944
P.O. Number :
Account :TNFA

CERTIFICATE OF ANALYSIS A0023944

SAMPLE	PREP CODE		Au ppb FA+AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
NDR 0295	205	226	< 5	0.08	2.0	25.0	< 10	< 0.05	0.02	< 10	0.02	0.24	183	4.2	14.6	0.3	< 0.1	0.65	< 10	4	0.12
NDR 0296	205	226	< 5	0.47	0.8	1.0	30	0.10	0.93	< 10	0.06	0.63	139	8.0	11.8	1.4	< 0.1	1.09	< 10	76	0.27
NDR 0297	205	226	< 5	0.72	0.1	0.4	30	0.05	0.49	< 10	0.08	0.97	128	10.2	18.2	2.3	< 0.1	1.58	10	46	0.33
NDR 0298	205	226	< 5	0.92	0.5	8.8	70	0.20	0.62	< 10	0.06	0.78	117	6.4	22.0	2.9	< 0.1	1.86	10	64	0.39
NDR 0299	205	226	< 5	0.69	3.2	16.0	50	0.15	0.41	< 10	0.02	1.71	142	7.0	3.0	2.2	< 0.1	1.70	10	20	0.40
NDR 0300	205	226	< 5	2.40	3.3	45.0	90	0.30	0.16	< 10	< 0.02	0.10	49	20.4	76.4	7.9	< 0.1	5.56	30	< 2	1.17
NDR 0301	205	226	< 5	0.84	0.1	7.6	20	0.25	0.58	< 10	0.76	3.68	130	12.2	50.2	2.4	< 0.1	2.21	10	34	0.44
NDR 0302	205	226	< 5	2.71	0.1	23.0	60	0.50	0.26	< 10	0.18	0.52	63	10.4	41.8	8.4	< 0.1	4.85	30	6	1.50
NDR 0303	205	226	< 5	2.31	1.9	12.2	50	0.60	0.34	< 10	0.06	0.43	71	14.0	70.2	6.0	< 0.1	4.62	10	4	1.16
NDR 0304	205	226	< 5	1.23	0.3	3.4	50	0.25	0.36	< 10	0.08	0.17	127	12.0	48.6	3.6	< 0.1	2.66	10	18	0.55
NDR 0305	205	226	10	1.69	< 0.1	20.6	10	0.10	2.65	< 10	0.08	0.79	99	232	289	6.8	< 0.1	5.23	< 10	24	0.70
NDR 0306	205	226	< 5	0.64	0.4	6.4	30	0.20	0.12	< 10	< 0.02	0.05	162	8.6	23.8	2.1	< 0.1	1.56	< 10	4	0.25
NDR 0307	205	226	< 5	0.70	0.5	< 0.2	60	0.10	0.34	< 10	0.02	0.17	128	6.2	17.0	1.8	< 0.1	1.55	< 10	22	0.25
NDR 0308	205	226	< 5	2.22	0.1	2.6	20	0.20	0.03	< 10	0.04	3.74	213	24.2	33.0	9.2	< 0.1	3.60	< 10	< 2	2.17
NDR 0309	205	226	< 5	0.72	0.3	0.2	60	0.20	0.23	< 10	0.02	0.35	142	9.0	17.2	2.3	< 0.1	2.20	10	20	0.30
NDR 0310	205	226	< 5	0.61	0.1	1.0	60	0.10	0.10	< 10	< 0.02	1.04	93	6.0	5.8	1.8	< 0.1	1.80	10	2	0.33
NDR 0311	205	226	< 5	0.45	1.7	1.6	40	0.20	0.04	< 10	0.02	2.16	74	4.2	3.4	1.5	< 0.1	1.64	10	2	0.16
NDR 2066	205	226	95	0.90	3.0	4080	100	0.30	0.59	< 10	0.02	0.21	147	11.6	16.2	3.2	< 0.1	1.83	< 10	10	0.53
NDR 2067	205	226	15	0.46	6.3	2190	70	0.20	0.21	< 10	< 0.02	0.07	215	5.8	15.2	1.1	< 0.1	1.51	< 10	2	0.10

TRCO-Cu RX

CERTIFICATION:

ALS Chemex

Chemex Labs, Inc.
Analytical Chemists * Geochemists * Registered Assayers
994 Glendale Ave., Unit 3, Sparks
Nevada, U.S.A. 89431
PHONE: 775-356-5395 FAX: 775-355-0179

To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project :
Comments: ATTN: STEVE KOEHLER

Page Number :1-B
Total Pages :1
Certificate Date: 28-JUL-2000
Invoice No. :10023944
P.O. Number :
Account :TNFA

CERTIFICATE OF ANALYSIS A0023944

SAMPLE	PREP CODE		Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
NDR 0295	205	226	75	< 0.01	0.8	19	< 10	0.04	< 1	< 0.5	0.02	< 0.01	15	0.24	< 0.05	< 0.02	< 0.01	0.30	0.20	1	8
NDR 0296	205	226	290	< 0.01	0.6	28	170	0.12	< 1	< 0.5	0.32	0.03	32	0.02	0.10	0.02	< 0.01	0.20	0.40	4	20
NDR 0297	205	226	350	< 0.01	0.6	25	250	0.12	1	< 0.5	0.20	0.02	57	0.03	< 0.05	0.02	0.01	0.20	0.65	6	36
NDR 0298	205	226	350	0.01	0.6	14	1630	0.24	1	< 0.5	0.22	0.01	45	0.03	0.05	0.06	< 0.01	0.30	0.65	6	38
NDR 0299	205	226	780	0.02	0.6	18	230	0.17	1	< 0.5	0.06	0.02	107	0.03	< 0.05	0.02	< 0.01	0.25	0.25	7	28
NDR 0300	205	226	560	0.02	0.6	38	310	0.33	3	< 0.5	0.06	0.01	22	0.06	< 0.05	0.08	< 0.01	0.05	2.35	19	94
NDR 0301	205	226	1690	< 0.01	1.8	25	300	0.10	1	< 0.5	0.22	< 0.01	155	0.04	0.10	< 0.02	< 0.01	0.30	1.45	9	50
NDR 0302	205	226	815	0.02	3.4	18	540	0.25	3	< 0.5	0.08	0.01	27	0.01	< 0.05	0.06	< 0.01	0.05	1.50	30	116
NDR 0303	205	226	440	0.03	2.2	27	380	0.24	2	< 0.5	0.08	0.01	35	0.30	< 0.05	0.04	< 0.01	0.05	1.25	16	102
NDR 0304	205	226	335	< 0.01	0.8	25	260	0.18	1	< 0.5	0.14	0.01	18	0.07	< 0.05	0.04	< 0.01	0.20	1.90	10	66
NDR 0305	205	226	565	< 0.01	0.6	43	620	0.05	4	0.5	0.22	0.07	106	1.40	1.45	< 0.02	< 0.01	0.20	0.35	19	94
NDR 0306	205	226	155	0.01	1.0	16	90	0.12	< 1	< 0.5	0.04	< 0.01	6	0.01	< 0.05	0.02	0.01	0.25	0.40	6	30
NDR 0307	205	226	180	0.01	0.6	17	480	0.23	< 1	< 0.5	0.10	< 0.01	18	0.02	< 0.05	0.06	< 0.01	0.10	0.50	4	28
NDR 0308	205	226	550	< 0.01	0.8	97	690	0.07	3	< 0.5	0.02	0.02	352	0.16	< 0.05	0.02	0.21	0.20	0.20	50	52
NDR 0309	205	226	230	< 0.01	0.6	22	270	0.22	1	< 0.5	0.10	0.02	17	0.10	< 0.05	0.12	< 0.01	0.20	0.85	6	58
NDR 0310	205	226	335	< 0.01	0.2	15	70	0.18	1	< 0.5	< 0.02	0.02	32	< 0.01	< 0.05	0.06	< 0.01	0.05	0.30	5	38
NDR 0311	205	226	280	< 0.01	0.2	9	130	0.16	1	< 0.5	< 0.02	0.04	43	0.02	< 0.05	0.04	< 0.01	0.05	0.40	5	40
NDR 2066	205	226	645	< 0.01	1.0	18	660	0.33	2	2.5	0.10	0.01	18	0.16	0.05	0.26	0.02	0.40	0.55	25	32
NDR 2067	205	226	125	0.01	0.8	13	120	0.18	< 1	0.5	0.04	0.02	11	0.07	0.05	0.10	< 0.01	0.45	0.35	3	18

CERTIFICATION: _____

ALS Chemex

Chemex Labs, Inc.
Analytical Chemists * Geochemists * Registered Assayers
994 Glendale Ave., Unit 3, Sparks
Nevada, U.S.A. 89431
PHONE: 775-356-5395 FAX: 775-355-0179

To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : MCQUESTEN / AUREX
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN/ LINDA CARMICHAEL

Page Number : 1-A
Total Pages : 1
Certificate Date: 04-AUG-2000
Invoice No. : I0024554
P.O. Number : 21342
Account : TNFA

CERTIFICATE OF ANALYSIS A0024554

SAMPLE	PREP CODE		Au ppb FA+AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
NDR 0359	205	226	395	4.95	2.8	3970	130	1.10	12.75	10	0.14	3.08	82	12.8	34.0	11.9	< 0.1	3.44	< 10	8	1.06
NDR 0466	214	--	15	2.39	0.6	26.6	640	0.90	0.30	50	0.32	1.06	17	7.2	21.0	5.9	< 0.1	2.13	10	12	0.59

CERTIFICATION:

ALS Chemex

Chemex Labs, Inc.
Analytical Chemists * Geochemists * Registered Assayers
994 Glendale Ave., Unit 3, Sparks
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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : MCQUESTEN / AUREX
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN/ LINDA CARMICHAEL

Page Number :1-B
Total Pages :1
Certificate Date: 04-AUG-2000
Invoice No. :10024554
P.O. Number :21342
Account :TNFA

CERTIFICATE OF ANALYSIS A0024554

SAMPLE	PREP CODE		Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
[illegible]	[illegible]	[illegible]	[illegible]																		
NDR 0359	205	226	620	0.02	0.4	25	440	0.14	4	< 0.5	0.50	0.30	200	1.14	0.20	0.08	0.02	0.25	0.80	26	74
NDR 0466	214	--	480	0.03	0.8	19	510	0.50	5	< 0.5	0.14	0.12	83	0.02	0.05	0.26	0.07	0.35	1.00	48	78

CERTIFICATION: [signature]

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

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10101 DRY CREEK RD.
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Project: AUREX / McQUESTEN
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN/ LINDA CARMICHAEL

Page Number :1-A
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CERTIFICATE OF ANALYSIS A0024556

SAMPLE	PREP CODE		Au ppb FA+AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
NDR 0318	205	226	5	0.31	0.3	64.8	30	< 0.05	0.23	< 10	< 0.02	0.46	147	5.2	29.6	0.9	< 0.1	1.50	< 10	4	0.19
NDR 0319	205	226	430	5.61	1.5	1920	130	1.50	5.67	< 10	0.08	3.69	84	20.0	38.2	15.8	< 0.1	3.36	20	12	1.64
NDR 0320	205	226	20	0.64	0.7	298	10	0.10	0.72	< 10	0.08	2.42	104	4.0	18.6	1.7	< 0.1	1.03	< 10	2	0.37
NDR 0321	205	226	10	0.93	0.7	161.0	40	0.20	0.48	< 10	0.04	0.31	131	11.4	51.2	3.2	< 0.1	2.03	< 10	8	0.60
NDR 0322	205	226	< 5	0.16	8.2	45.6	130	< 0.05	0.11	< 10	0.12	0.96	91	9.2	5.2	0.5	< 0.1	1.71	< 10	16	0.18
NDR 0323	205	226	< 5	0.11	4.4	37.4	60	< 0.05	0.03	< 10	0.02	0.14	117	2.2	5.0	0.3	< 0.1	0.89	< 10	< 2	0.01
NDR 0324	205	226	10	0.63	9.9	450	50	0.20	0.78	< 10	0.16	0.16	110	19.6	32.4	1.6	< 0.1	2.35	< 10	50	0.22
NDR 0325	205	226	15	0.17	7.4	41.4	20	< 0.05	0.08	< 10	< 0.02	< 0.01	118	0.8	3.0	0.4	< 0.1	0.37	< 10	16	< 0.01
NDR 0326	205	226	40	0.24	12.7	718	40	< 0.05	0.99	< 10	0.02	0.01	63	2.6	10.2	0.7	< 0.1	0.98	< 10	8	0.03
NDR 0327	205	226	< 5	0.24	5.9	167.5	20	0.05	0.14	< 10	0.10	0.06	144	6.2	16.8	0.6	< 0.1	1.10	< 10	6	0.08
NDR 0328	205	226	< 5	0.18	6.9	149.0	20	0.05	0.07	< 10	0.06	0.03	117	3.4	26.2	0.4	< 0.1	0.88	< 10	4	< 0.01
NDR 0329	205	226	< 5	0.14	7.3	227	90	< 0.05	0.05	< 10	0.08	0.11	145	1.8	3.8	0.3	< 0.1	1.15	< 10	76	0.01
NDR 0330	205	226	15	0.23	1.8	274	60	0.05	0.03	< 10	0.08	0.01	158	1.6	4.2	0.5	< 0.1	0.87	< 10	6	0.01
NDR 0331	214	--	410	0.38	264	359	1550	0.35	0.46	< 10	1.66	0.33	37	6.0	106.0	3.3	< 0.1	1.41	< 10	194	0.03
NDR 0332	205	226	< 5	0.21	4.4	304	30	0.05	0.28	< 10	0.08	0.11	188	6.0	11.6	0.5	< 0.1	1.13	< 10	40	0.06
NDR 0333	205	226	5	0.11	11.4	306	40	< 0.05	0.04	< 10	0.16	0.03	126	1.4	2.4	0.2	< 0.1	0.83	< 10	16	< 0.01
NDR 0334	205	226	< 5	0.01	0.8	71.0	< 10	< 0.05	0.02	< 10	< 0.02	0.66	150	1.4	1.8	0.1	< 0.1	0.99	< 10	4	0.23
NDR 0335	214	--	155	1.52	33.6	638	910	0.50	0.49	< 10	1.18	1.00	51	7.6	97.4	4.2	< 0.1	2.97	< 10	12	0.30
NDR 0806	205	226	10	0.44	10.0	354	60	0.15	0.13	< 10	0.12	0.07	92	7.6	14.6	0.8	< 0.1	1.54	< 10	14	0.05
NDR 0807	205	226	10	0.52	17.3	422	70	0.15	0.21	< 10	0.12	0.13	113	10.2	20.6	1.2	< 0.1	1.90	10	10	0.09
NDR 0808	205	226	10	0.52	13.4	434	70	0.20	0.19	< 10	0.12	0.16	118	9.4	19.4	1.1	< 0.1	1.98	10	8	0.09
NDR 0809	205	226	15	0.42	13.1	448	70	0.20	0.30	< 10	0.10	0.05	85	8.4	16.6	0.9	< 0.1	1.83	10	14	0.04
NDR 0810	205	226	20	0.63	16.6	620	70	0.30	0.20	< 10	0.10	0.11	95	11.8	26.4	1.3	< 0.1	2.36	10	14	0.14
NDR 0811	205	226	10	0.24	3.1	109.5	50	0.05	0.07	< 10	0.02	0.24	111	4.0	8.0	0.5	< 0.1	1.41	< 10	6	0.02
NDR 0812	205	226	105	0.37	58.0	2760	110	0.15	0.33	< 10	0.66	0.46	82	8.6	33.2	0.8	< 0.1	2.49	10	76	0.08
NDR 0813	205	226	70	0.38	49.2	992	1060	0.75	0.26	< 10	0.40	2.56	51	14.4	28.6	0.9	< 0.1	2.70	< 10	26	0.56
NDR 0814	205	226	205	0.31	65.0	3170	90	0.25	0.20	< 10	0.42	0.09	115	9.4	39.6	0.6	< 0.1	2.15	< 10	8	0.01
NDR 0815	205	226	145	0.19	20.8	2600	40	< 0.05	0.06	< 10	0.06	0.07	125	6.0	14.4	0.4	< 0.1	1.17	< 10	4	0.01
NDR 0816	205	226	150	0.22	28.9	4020	40	0.05	0.07	< 10	0.08	0.11	172	5.4	15.4	0.5	< 0.1	1.09	< 10	6	0.01
NDR 0817	205	226	140	0.26	151.0	2470	50	0.05	0.54	< 10	0.38	0.07	103	4.6	19.8	0.6	< 0.1	1.64	< 10	16	0.01
NDR 0818	205	226	65	0.34	79.0	532	50	0.10	0.16	< 10	0.08	0.04	116	8.8	18.4	0.7	< 0.1	1.97	10	14	0.01
NDR 0819	205	226	40	0.31	97.6	448	50	0.05	0.17	< 10	0.04	0.26	97	6.8	15.4	0.6	< 0.1	1.80	< 10	14	0.03
NDR 0820	205	226	50	0.27	173.5	1005	40	0.10	0.40	< 10	0.10	0.04	146	9.0	14.6	0.5	< 0.1	1.67	< 10	18	0.01
NDR 0821	205	226	70	0.28	215	1175	60	0.15	0.52	< 10	0.12	0.04	113	5.2	12.4	0.5	< 0.1	1.62	< 10	24	0.01

CERTIFICATION: *+

ALS Chemex

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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : AUREX
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN/ LINDA CARMICHAEL

Page Number :1-B
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Certificate Date: 10-AUG-2000
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Account :TNFA

CERTIFICATE OF ANALYSIS A0024556

SAMPLE	PREP CODE	Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
NDR 0318	205 226	205	< 0.01	0.6	9	130	0.07	< 1	0.5	0.08	0.01	32	0.38	0.05	0.02	< 0.01	0.30	0.20	3	14
NDR 0319	205 226	625	0.03	1.6	29	320	0.56	5	< 0.5	0.34	0.44	187	0.40	0.15	0.42	0.08	0.25	1.55	50	104
NDR 0320	205 226	405	0.02	0.8	8	50	0.08	< 1	0.5	0.08	0.04	65	0.07	0.10	0.04	< 0.01	0.20	0.30	5	24
NDR 0321	205 226	305	< 0.01	0.8	25	400	0.10	2	< 0.5	0.18	0.06	16	0.15	0.10	0.06	0.02	0.25	0.35	17	36
NDR 0322	205 226	1050	0.01	0.8	11	750	0.10	< 1	< 0.5	0.08	< 0.01	20	0.04	0.10	0.02	< 0.01	0.20	0.55	1	44
NDR 0323	205 226	295	< 0.01	0.6	6	80	0.08	< 1	< 0.5	< 0.02	< 0.01	2	< 0.01	0.05	< 0.02	< 0.01	0.15	0.25	1	14
NDR 0324	205 226	1260	< 0.01	0.8	44	600	0.15	1	1.0	0.46	< 0.01	13	0.03	0.05	0.06	< 0.01	0.20	0.60	4	50
NDR 0325	205 226	25	0.07	0.6	3	40	0.13	< 1	< 0.5	0.12	< 0.01	7	0.02	< 0.05	0.02	< 0.01	0.15	0.15	< 1	6
NDR 0326	205 226	60	0.01	0.4	4	70	0.18	< 1	0.5	0.48	< 0.01	7	0.03	< 0.05	0.06	< 0.01	0.10	0.45	1	10
NDR 0327	205 226	390	< 0.01	0.6	14	260	0.07	< 1	< 0.5	0.06	< 0.01	5	< 0.01	0.05	< 0.02	< 0.01	0.20	0.35	1	26
NDR 0328	205 226	145	< 0.01	0.6	10	120	0.10	< 1	< 0.5	0.06	< 0.01	3	0.01	0.05	0.02	< 0.01	0.15	0.55	< 1	10
NDR 0329	205 226	455	< 0.01	0.8	5	70	0.08	< 1	< 0.5	0.02	< 0.01	3	< 0.01	0.05	< 0.02	< 0.01	0.20	0.15	1	24
NDR 0330	205 226	335	< 0.01	0.6	6	40	0.16	< 1	< 0.5	0.02	< 0.01	3	0.03	0.05	0.02	< 0.01	0.20	0.15	1	26
NDR 0331	214 --	20	0.44	126.0	52	1820	0.10	8	4.0	0.20	< 0.01	132	0.08	0.15	1.48	< 0.01	15.20	34.3	225	56
NDR 0332	205 226	350	< 0.01	1.0	14	170	0.09	< 1	0.5	0.20	< 0.01	6	0.01	0.05	0.06	< 0.01	0.25	0.50	2	18
NDR 0333	205 226	245	< 0.01	0.6	5	100	0.06	< 1	< 0.5	0.04	< 0.01	3	< 0.01	< 0.05	< 0.02	< 0.01	0.15	0.15	1	12
NDR 0334	205 226	410	< 0.01	0.8	5	< 10	0.01	< 1	< 0.5	0.02	< 0.01	22	0.04	< 0.05	< 0.02	< 0.01	0.25	< 0.05	< 1	8
NDR 0335	214 --	215	5.56	14.2	40	1050	0.37	4	2.5	0.24	0.01	56	0.21	0.15	1.66	0.01	4.10	3.95	126	96
NDR 0806	205 226	560	0.07	0.6	15	180	0.18	< 1	< 0.5	0.10	0.01	7	< 0.01	0.05	0.06	< 0.01	0.20	0.40	3	28
NDR 0807	205 226	495	0.04	0.6	18	180	0.19	1	< 0.5	0.22	0.02	10	< 0.01	0.10	0.06	< 0.01	0.20	0.55	4	36
NDR 0808	205 226	535	0.03	0.6	19	250	0.18	1	< 0.5	0.16	0.02	11	< 0.01	0.05	0.06	< 0.01	0.20	0.55	4	36
NDR 0809	205 226	550	< 0.01	0.6	16	120	0.19	1	0.5	0.16	0.01	6	< 0.01	0.05	0.06	< 0.01	0.05	0.50	3	30
NDR 0810	205 226	465	0.02	0.6	26	240	0.20	1	< 0.5	0.20	0.02	11	< 0.01	< 0.05	0.06	< 0.01	0.15	0.65	4	48
NDR 0811	205 226	725	< 0.01	0.6	10	80	0.12	< 1	< 0.5	0.02	0.02	7	< 0.01	< 0.05	0.02	< 0.01	0.05	0.25	1	18
NDR 0812	205 226	415	0.04	0.6	17	260	0.22	1	1.0	2.00	0.01	53	0.05	0.05	0.06	< 0.01	0.20	0.50	2	80
NDR 0813	205 226	905	0.02	0.6	28	190	0.19	4	< 0.5	0.54	0.01	72	0.05	0.15	0.06	< 0.01	0.25	0.70	4	78
NDR 0814	205 226	725	0.04	0.6	24	180	0.18	1	< 0.5	1.72	0.01	33	0.11	0.05	0.06	< 0.01	0.25	0.70	2	60
NDR 0815	205 226	490	0.02	0.4	11	60	0.12	< 1	< 0.5	0.60	0.01	13	0.04	< 0.05	0.02	< 0.01	0.15	0.25	1	20
NDR 0816	205 226	430	< 0.01	0.6	13	70	0.14	< 1	< 0.5	1.30	0.01	27	0.06	0.05	0.04	< 0.01	0.30	0.35	1	16
NDR 0817	205 226	165	0.01	0.6	10	80	0.20	< 1	0.5	1.74	0.01	37	0.12	0.05	0.06	< 0.01	0.10	0.40	1	36
NDR 0818	205 226	425	0.01	0.6	21	90	0.19	1	0.5	0.30	0.01	17	0.05	< 0.05	0.06	< 0.01	0.15	0.50	1	30
NDR 0819	205 226	495	< 0.01	0.6	17	100	0.17	1	< 0.5	0.30	0.01	10	0.04	< 0.05	0.06	< 0.01	0.05	0.40	1	28
NDR 0820	205 226	660	< 0.01	0.6	24	130	0.14	< 1	0.5	0.48	0.01	8	0.03	0.05	0.06	< 0.01	0.15	0.40	1	26
NDR 0821	205 226	500	< 0.01	0.6	12	100	0.14	< 1	< 0.5	0.44	0.01	6	0.02	0.05	0.04	< 0.01	0.10	0.30	2	26

CERTIFICATION: *+

ALS Chemex

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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : AUREX /MCQUISTEN
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN/ LINDA CARMICHAEL

Page Number :2-A
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Invoice No. : I0024556
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Account :TNFA

CERTIFICATE OF ANALYSIS A0024556

SAMPLE	PREP CODE		Au ppb FA+AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
NDR 0822	205	226	210	0.38	47.7	1585	80	0.20	1.03	< 10	0.18	0.05	99	6.4	20.6	0.8	< 0.1	2.43	10	34	0.02
NDR 0823	205	226	65	0.26	75.5	894	60	0.10	0.52	< 10	0.14	0.04	109	5.6	14.2	0.5	< 0.1	1.48	< 10	18	0.01
NDR 0824	205	226	150	0.30	61.5	1320	110	0.20	0.19	< 10	0.14	0.07	149	10.4	19.4	0.6	< 0.1	1.83	< 10	14	0.01
NDR 0825	205	226	65	0.32	23.7	632	60	0.15	0.66	< 10	0.26	0.04	120	6.0	18.0	0.7	< 0.1	1.90	10	30	0.03
NDR 0826	205	226	80	0.39	45.6	968	60	0.20	2.19	< 10	0.78	0.03	130	6.0	13.8	0.7	< 0.1	1.82	10	114	0.03
NDR 0827	205	226	35	0.41	53.2	794	50	0.25	0.21	< 10	0.16	0.01	104	8.6	20.2	0.7	< 0.1	2.34	10	8	0.03
NDR 0828	205	226	25	0.37	31.7	892	60	0.20	0.25	< 10	0.14	0.05	134	5.6	14.6	0.7	< 0.1	1.76	10	12	0.02
NDR 0829	205	226	20	0.29	18.5	840	50	0.10	0.58	< 10	0.60	0.04	99	5.4	12.0	0.6	< 0.1	1.45	10	20	0.01
NDR 0830	205	226	45	0.54	30.2	1025	60	0.25	0.74	< 10	0.28	0.03	100	7.8	19.6	1.0	< 0.1	1.98	10	26	0.06
NDR 0831	205	226	10	0.19	8.8	550	40	0.05	0.15	< 10	0.10	0.01	156	1.8	4.0	0.4	< 0.1	0.78	< 10	6	< 0.01
NDR 0832	205	226	25	0.46	25.6	812	60	0.30	0.21	< 10	0.08	0.09	95	7.0	17.4	0.8	< 0.1	1.90	10	12	0.05
NDR 0833	205	226	40	0.44	31.4	1150	60	0.30	0.53	< 10	0.32	0.04	97	9.6	21.8	0.7	< 0.1	2.33	10	22	0.04
NDR 0834	205	226	120	0.27	19.3	1090	50	0.15	0.14	< 10	0.12	0.01	130	5.4	9.4	0.5	< 0.1	1.27	< 10	6	0.01
NDR 0385	205	226	25	1.61	2.2	10.8	330	0.30	3.69	< 10	0.02	0.41	93	14.4	642	4.0	< 0.1	2.79	10	6	0.86
NDR 0386	205	226	< 5	0.99	1.9	4.4	40	0.40	0.43	< 10	0.08	0.92	43	6.8	31.2	2.3	< 0.1	3.46	10	52	0.66
NDR 0465	214	--	145	1.63	29.1	696	830	0.55	0.50	< 10	1.20	1.11	67	8.6	90.6	4.0	< 0.1	3.34	10	12	0.31

CERTIFICATION:

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To: NEWMONT EXPLORATION LIMITED

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Project : AUREX
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN/ LINDA CARMICHAEL

CERTIFICATE OF ANALYSIS A0024556

SAMPLE	PREP CODE		Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
NDR 0822	205	226	340	0.03	0.6	17	160	0.21	1	0.5	1.36	0.01	12	0.03	0.05	0.06	0.01	0.20	0.60	3	46
NDR 0823	205	226	315	0.01	0.6	17	110	0.16	< 1	< 0.5	0.52	0.01	9	0.03	0.05	0.06	< 0.01	0.10	0.35	1	30
NDR 0824	205	226	455	0.01	0.6	26	160	0.19	1	< 0.5	0.62	0.01	20	0.07	0.05	0.06	< 0.01	0.20	0.50	1	38
NDR 0825	205	226	260	0.01	0.6	17	130	0.17	1	< 0.5	0.76	0.01	16	0.02	0.05	0.06	< 0.01	0.05	0.50	2	38
NDR 0826	205	226	390	0.02	0.4	19	120	0.20	1	< 0.5	0.68	0.01	9	0.01	< 0.05	0.06	< 0.01	0.15	0.55	2	44
NDR 0827	205	226	405	< 0.01	0.4	21	100	0.19	1	< 0.5	0.18	0.01	4	< 0.01	< 0.05	0.06	< 0.01	0.05	0.50	2	40
NDR 0828	205	226	420	0.01	0.6	16	260	0.19	1	< 0.5	0.20	0.01	10	0.01	< 0.05	0.06	< 0.01	0.25	0.35	3	30
NDR 0829	205	226	385	0.01	0.2	15	230	0.17	< 1	< 0.5	0.36	0.01	6	0.01	< 0.05	0.04	< 0.01	0.15	0.35	1	40
NDR 0830	205	226	230	0.01	0.4	20	190	0.20	1	< 0.5	0.42	0.01	9	0.01	< 0.05	0.06	< 0.01	0.20	0.50	3	40
NDR 0831	205	226	225	< 0.01	0.4	6	40	0.10	< 1	< 0.5	0.12	< 0.01	3	< 0.01	< 0.05	0.02	< 0.01	0.10	0.15	1	12
NDR 0832	205	226	265	0.01	0.4	20	450	0.19	1	< 0.5	0.14	0.01	12	0.01	< 0.05	0.04	< 0.01	0.10	0.55	3	32
NDR 0833	205	226	430	0.03	0.4	23	220	0.19	1	< 0.5	0.30	0.01	8	< 0.01	< 0.05	0.06	< 0.01	0.05	0.60	2	42
NDR 0834	205	226	350	< 0.01	0.4	13	70	0.15	1	< 0.5	0.58	0.01	6	0.01	< 0.05	0.02	< 0.01	0.15	0.35	1	26
NDR 0385	205	226	770	0.05	0.2	35	210	0.15	1	< 0.5	0.02	0.03	18	0.05	0.30	0.02	< 0.01	0.05	1.65	13	86
NDR 0386	205	226	70	0.04	0.2	16	840	0.20	1	< 0.5	0.10	0.01	18	0.07	0.05	0.06	< 0.01	< 0.05	2.65	5	94
NDR 0465	214	--	220	5.18	12.0	45	1090	0.37	4	2.0	0.30	0.02	64	0.20	0.15	1.54	0.01	6.60	3.95	147	108

CERTIFICATION: *+

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : AUREX
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN/ LINDA CARMICHAEL

Certificate Date: 04-AUG-2000
Invoice No. :I0024557
P.O. Number :21340
Account :TNFA

CERTIFICATE OF ANALYSIS A0024557

SAMPLE	PREP CODE		Au ppb FA+AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
2874	201	202	770	0.90	9.0	99.8	580	0.75	4.42	20	0.16	2.35	7	31.2	589	2.7	< 0.1	5.72	< 10	134	0.50

CERTIFICATION:

ALS Chemex

Aurora Laboratory Services Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Page Number : 1-B
Total Pages : 1
Certificate Date: 04-AUG-2000
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P.O. Number : 21340
Account : TNFA

Project : AUREX
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN/ LINDA CARMICHAEL

CERTIFICATE OF ANALYSIS A0024557

SAMPLE	PREP CODE		Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
2874	201	202	1525	0.13	0.2	38	430	0.05	3	< 0.5	0.64	0.01	65	0.27	0.30	0.02	< 0.01	0.05	3.85	8	82

CERTIFICATION:

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
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80112, USA

Page Number :1-A
Total Pages :1
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P.O. Number :21340
Account :TNFA

Project : AUREX
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN / LINDA CARMICHAEL

CERTIFICATE OF ANALYSIS A0025351

SAMPLE	PREP CODE		Au ppb RUSH	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
NDR 0360	255	295	< 5	0.10	3.7	70.2	30	< 0.05	0.07	< 10	0.02	1.10	87	2.0	3.5	0.3	< 0.1	0.94	< 10	4	0.04
NDR 0361	255	295	135	2.47	2.8	5840	130	0.55	1.33	< 10	0.08	2.57	50	12.4	49.0	6.3	0.1	2.56	< 10	12	1.05
NDR 0362	255	295	5	4.03	0.4	49.6	100	1.50	0.79	< 10	0.24	4.24	67	14.8	47.0	11.1	< 0.1	2.55	10	10	2.58
NDR 0363	255	295	5	0.43	0.4	233	40	0.05	0.17	< 10	0.06	0.19	91	2.6	20.0	1.1	< 0.1	0.95	< 10	6	0.18
NDR 0854	255	295	15	0.54	12.7	219	60	0.10	0.22	< 10	0.12	0.08	83	6.2	16.0	1.2	< 0.1	1.69	< 10	12	0.16
NDR 0855	255	295	70	1.10	12.5	534	70	0.25	0.36	< 10	0.12	0.24	75	15.0	26.1	2.0	< 0.1	3.03	< 10	10	0.33
NDR 0856	255	295	40	1.18	26.7	864	100	0.30	0.64	< 10	0.12	0.24	57	17.2	27.0	2.2	< 0.1	3.62	10	16	0.34
NDR 0857	255	295	< 5	0.67	35.6	133.0	90	0.05	0.32	< 10	0.10	0.23	81	7.6	13.0	1.3	< 0.1	1.75	< 10	12	0.23
NDR 0858	255	295	130	0.45	4.2	566	130	0.20	0.75	< 10	0.12	0.08	82	4.6	13.6	0.8	< 0.1	1.40	< 10	10	0.11
NDR 0859	255	295	475	0.38	9.7	1325	90	0.10	4.12	< 10	0.04	0.06	81	7.0	30.0	0.8	< 0.1	2.53	< 10	4	0.07
NDR 0860	255	295	95	0.27	6.3	646	60	0.25	0.93	< 10	< 0.02	0.03	85	4.2	14.9	0.6	< 0.1	1.54	< 10	4	0.01
NDR 0861	255	295	85	0.28	7.3	866	60	0.20	0.40	< 10	< 0.02	0.04	58	5.8	21.3	0.5	< 0.1	2.32	< 10	4	0.01
NDR 0862	255	295	290	0.27	9.2	2250	70	0.20	0.36	< 10	< 0.02	0.06	77	5.8	21.3	0.5	< 0.1	2.74	< 10	2	0.01
NDR 0863	255	295	210	0.28	8.9	1390	50	0.05	0.45	< 10	< 0.02	0.05	65	5.2	21.7	0.6	< 0.1	2.61	< 10	< 2	0.02
NDR 0864	255	295	180	0.44	7.1	1095	90	0.25	1.16	< 10	0.08	0.07	72	7.4	26.6	0.8	< 0.1	2.33	10	6	0.08
NDR 0865	255	295	180	0.59	11.1	930	90	0.35	1.38	< 10	< 0.02	0.07	69	12.6	30.5	1.0	< 0.1	2.96	10	2	0.11
NDR 0866	255	295	70	0.58	8.8	752	70	0.40	0.64	< 10	< 0.02	0.12	62	9.0	24.6	1.1	< 0.1	2.55	10	2	0.13
NDR 0867	255	295	75	0.97	7.9	826	80	0.50	0.64	< 10	0.02	0.11	50	15.2	32.1	1.8	< 0.1	3.94	10	2	0.28
NDR 0868	255	295	290	0.62	5.3	1215	70	0.40	1.22	< 10	0.06	0.09	55	8.0	23.3	1.2	< 0.1	2.64	< 10	4	0.19
NDR 0869	255	295	440	0.60	6.0	1730	110	0.40	1.82	< 10	0.34	0.10	69	7.6	25.9	1.2	< 0.1	2.51	< 10	6	0.18
NDR 0870	255	295	360	0.65	7.2	2030	120	0.40	3.86	< 10	0.18	0.10	76	6.8	20.2	1.4	< 0.1	2.06	< 10	10	0.18
NDR 0871	255	295	860	0.53	8.8	1920	90	0.25	9.02	< 10	0.24	0.06	90	4.6	21.5	1.0	< 0.1	1.83	10	12	0.07
NDR 0872	255	295	165	0.65	12.4	1500	80	0.15	1.64	< 10	0.32	0.09	67	5.8	14.9	1.2	< 0.1	2.01	10	10	0.12
NDR 0873	255	295	140	0.56	8.2	1430	110	0.30	0.97	< 10	0.10	0.07	77	6.2	17.8	1.1	< 0.1	1.73	10	10	0.04
NDR 0874	255	295	340	0.61	9.9	1740	140	0.35	2.33	< 10	0.14	0.10	55	8.0	26.6	1.2	< 0.1	2.39	10	8	0.06
NDR 0875	255	295	475	0.94	18.3	472	70	0.55	3.62	< 10	0.08	1.51	43	7.0	13.4	1.7	< 0.1	2.26	10	16	0.30
NDR 0876	255	295	60	0.54	9.8	538	60	0.50	1.10	< 10	0.30	0.91	59	9.4	22.0	1.1	< 0.1	2.47	10	14	0.14
NDR 0877	255	295	105	0.45	16.8	798	60	0.40	2.26	< 10	0.26	2.14	43	8.0	24.0	0.8	< 0.1	2.28	10	14	0.10
NDR 0878	255	295	65	0.46	18.1	748	60	0.55	0.99	< 10	0.50	1.85	44	7.4	23.5	0.7	< 0.1	2.29	10	14	0.07
NDR 0879	255	295	240	0.35	14.8	1435	90	0.40	4.53	< 10	0.20	1.56	41	8.0	24.8	0.6	< 0.1	2.42	10	16	0.04
NDR 0880	255	295	105	0.35	6.5	802	70	0.30	0.78	< 10	0.02	0.15	81	6.0	18.0	0.7	< 0.1	2.09	10	8	0.02
NDR 0881	255	295	130	0.40	14.4	1385	70	0.65	2.20	< 10	0.38	3.00	33	11.6	24.0	0.7	< 0.1	2.80	10	30	0.07
NDR 0882	255	295	315	0.39	10.7	952	90	0.60	2.93	< 10	0.52	3.09	36	12.8	32.1	0.7	< 0.1	3.23	10	30	0.07
NDR 0883	255	295	105	0.39	7.6	1875	80	0.35	1.56	< 10	0.82	5.54	29	10.2	24.0	0.8	< 0.1	2.86	10	26	0.14
NDR 0884	255	295	150	0.40	9.5	1610	80	0.70	0.95	< 10	0.16	0.23	42	9.0	25.5	0.8	< 0.1	2.62	10	16	0.04
NDR 0885	255	295	80	0.45	8.2	1140	100	0.60	0.75	< 10	0.14	0.97	37	10.8	31.2	0.8	< 0.1	2.91	20	18	0.06
NDR 0886	214	--	150	1.70	31.2	716	730	0.45	0.51	< 10	1.30	1.12	67	7.4	95.2	4.3	< 0.1	3.45	10	14	0.31

Aurex Trench

CERTIFICATION:

ALS Chemex

Aurora Laboratory Services Ltd.
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10101 DRY CREEK RD.
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80112, USA

Project : AUREX
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN / LINDA CARMICHAEL

Page Number :1-B
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Certificate Date: 14-AUG-2000
Invoice No. :10025351
P.O. Number :21340
Account :TNFA

CERTIFICATE OF ANALYSIS A0025351

SAMPLE	PREP CODE		Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
NDR 0360	255	295	440	< 0.01	0.8	4	70	0.02	< 1	< 0.5	< 0.02	< 0.01	13	< 0.01	< 0.05	0.02	< 0.01	0.20	0.25	3	8
NDR 0361	255	295	660	< 0.01	4.8	25	1060	0.21	3	3.0	0.22	0.12	132	0.76	0.25	0.20	0.04	0.45	1.65	49	42
NDR 0362	255	295	600	0.01	12.8	32	390	1.21	5	0.5	0.32	0.13	97	0.37	0.05	0.72	0.09	0.55	4.70	95	64
NDR 0363	255	295	160	< 0.01	0.6	7	160	0.13	< 1	< 0.5	0.02	0.01	9	0.04	< 0.05	0.06	< 0.01	1.10	0.25	4	20
NDR 0854	255	295	475	0.01	0.6	15	140	0.15	< 1	< 0.5	0.08	< 0.01	7	< 0.01	< 0.05	0.06	< 0.01	0.10	0.50	4	38
NDR 0855	255	295	785	< 0.01	1.6	39	220	0.22	1	< 0.5	0.16	< 0.01	15	0.01	0.05	0.08	< 0.01	0.05	0.85	6	56
NDR 0856	255	295	865	0.01	0.8	33	330	0.25	1	< 0.5	0.24	< 0.01	22	0.01	0.05	0.08	< 0.01	0.45	1.05	9	60
NDR 0857	255	295	750	< 0.01	1.0	16	270	0.12	1	< 0.5	0.06	< 0.01	18	< 0.01	< 0.05	0.02	< 0.01	0.15	0.50	6	30
NDR 0858	255	295	215	< 0.01	0.6	13	190	0.13	1	< 0.5	0.22	< 0.01	10	0.01	0.05	0.06	< 0.01	0.70	0.35	5	26
NDR 0859	255	295	375	< 0.01	0.6	21	250	0.20	1	0.5	0.14	< 0.01	19	0.08	0.25	0.12	< 0.01	14.55	0.75	3	40
NDR 0860	255	295	100	< 0.01	0.6	15	170	0.17	1	< 0.5	0.06	< 0.01	15	0.05	0.05	0.10	< 0.01	0.35	0.40	2	22
NDR 0861	255	295	150	0.01	0.6	19	180	0.19	1	0.5	0.08	< 0.01	19	0.06	0.05	0.10	< 0.01	0.30	0.55	2	34
NDR 0862	255	295	245	< 0.01	0.8	17	340	0.22	1	0.5	0.06	< 0.01	34	0.22	0.05	0.14	< 0.01	0.30	0.50	3	36
NDR 0863	255	295	185	< 0.01	0.4	17	150	0.20	1	< 0.5	0.08	< 0.01	27	0.19	< 0.05	0.12	< 0.01	0.40	0.50	3	38
NDR 0864	255	295	365	< 0.01	0.8	22	200	0.19	1	0.5	0.08	< 0.01	9	0.01	0.10	0.12	< 0.01	5.55	0.80	4	48
NDR 0865	255	295	515	< 0.01	0.8	34	240	0.27	1	0.5	0.10	< 0.01	9	0.07	0.10	0.16	< 0.01	1.20	1.00	4	56
NDR 0866	255	295	390	< 0.01	0.6	26	410	0.22	1	0.5	0.08	< 0.01	12	0.01	< 0.05	0.12	< 0.01	0.35	0.85	4	44
NDR 0867	255	295	555	< 0.01	0.6	43	310	0.30	1	< 0.5	0.10	< 0.01	13	0.04	0.05	0.16	< 0.01	1.95	1.50	7	68
NDR 0868	255	295	380	< 0.01	0.8	25	210	0.20	1	0.5	0.10	< 0.01	10	0.02	0.15	0.12	< 0.01	0.80	0.85	4	52
NDR 0869	255	295	315	< 0.01	0.8	19	190	0.21	1	0.5	0.14	< 0.01	15	0.04	0.40	0.10	< 0.01	217	0.95	4	46
NDR 0870	255	295	255	< 0.01	0.6	14	210	0.20	1	0.5	0.22	< 0.01	12	0.03	0.35	0.10	< 0.01	3.80	0.75	5	48
NDR 0871	255	295	280	0.04	0.6	13	90	0.16	1	0.5	0.28	< 0.01	11	0.02	0.30	0.10	< 0.01	0.80	0.80	5	44
NDR 0872	255	295	565	0.07	0.4	16	200	0.18	1	0.5	0.12	< 0.01	14	0.03	0.15	0.12	< 0.01	0.60	0.65	6	60
NDR 0873	255	295	445	0.02	0.6	14	100	0.19	1	< 0.5	0.10	< 0.01	10	0.01	0.15	0.14	< 0.01	0.50	0.65	4	46
NDR 0874	255	295	445	< 0.01	0.6	18	140	0.18	1	0.5	0.14	< 0.01	10	< 0.01	0.25	0.14	< 0.01	3.65	0.85	6	60
NDR 0875	255	295	410	< 0.01	0.2	17	140	0.21	1	< 0.5	0.20	0.01	46	0.04	0.25	0.10	< 0.01	4.55	0.45	5	44
NDR 0876	255	295	410	< 0.01	0.2	23	170	0.25	2	< 0.5	0.16	0.01	20	0.13	0.05	0.10	< 0.01	0.45	0.65	3	64
NDR 0877	255	295	550	< 0.01	0.2	21	320	0.19	1	0.5	0.22	0.01	81	0.10	0.15	0.12	< 0.01	0.55	0.55	3	56
NDR 0878	255	295	510	< 0.01	0.2	18	390	0.20	2	0.5	0.16	< 0.01	71	0.11	0.05	0.10	< 0.01	0.45	0.40	2	54
NDR 0879	255	295	555	< 0.01	0.4	20	170	0.19	3	< 0.5	0.18	< 0.01	66	0.07	0.30	0.10	< 0.01	0.35	0.45	2	52
NDR 0880	255	295	290	< 0.01	0.4	19	260	0.23	1	< 0.5	0.30	< 0.01	36	0.09	0.05	0.12	< 0.01	1.35	0.30	2	44
NDR 0881	255	295	775	< 0.01	0.4	37	790	0.19	3	0.5	0.44	< 0.01	120	0.09	0.15	0.10	< 0.01	0.80	0.50	2	78
NDR 0882	255	295	960	0.01	0.6	37	510	0.23	3	< 0.5	0.46	0.01	85	0.11	0.20	0.12	< 0.01	0.45	0.65	3	90
NDR 0883	255	295	890	< 0.01	0.4	27	950	0.21	3	< 0.5	0.34	0.01	127	0.15	0.05	0.10	< 0.01	125.5	0.70	3	74
NDR 0884	255	295	410	< 0.01	0.6	27	410	0.20	3	< 0.5	1.34	0.01	14	0.13	0.05	0.12	< 0.01	3.45	0.50	3	58
NDR 0885	255	295	485	0.01	0.4	31	160	0.22	3	< 0.5	0.24	0.01	47	0.03	< 0.05	0.10	< 0.01	0.85	0.65	3	78
NDR 0886	214	--	230	6.17	13.8	44	1000	0.38	5	3.0	0.26	0.01	64	0.21	0.05	1.58	0.01	3.70	4.15	143	102

CERTIFICATION:

ALS Chemex

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To: NEWMONT METALLURGICAL SERVICES

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P.O. Number :21340
Account :PNX

* PLEASE NOTE

CERTIFICATE OF ANALYSIS A0021431

SAMPLE	PREP CODE		Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
NDR 1555	205	226	775	0.01	2.2	16	800	0.97	4	1.0	0.28	0.01	52	0.20	0.05	0.44	0.14	1.20	1.60	50	50
NDR 1563	205	226	355	0.01	1.8	20	280	0.20	< 1	1.0	0.28	0.01	23	0.06	< 0.05	0.10	< 0.01	5.85	0.95	6	52
NDR 1564	205	226	480	0.05	1.0	12	230	0.15	< 1	< 0.5	0.16	< 0.01	13	0.09	0.05	0.08	< 0.01	5.00	0.45	5	36
NDR 1596	205	226	40	< 0.01	0.6	5	350	0.01	< 1	< 0.5	0.02	< 0.01	9	< 0.01	< 0.05	< 0.02	< 0.01	0.20	0.20	2	10
NDR 1597	205	226	45	< 0.01	0.6	5	50	0.15	< 1	< 0.5	0.02	< 0.01	4	0.01	< 0.05	0.04	< 0.01	0.15	0.30	1	8
NDR 1598	205	226	125	< 0.01	0.2	4	30	0.13	< 1	< 0.5	0.06	< 0.01	4	0.01	< 0.05	0.06	< 0.01	0.15	0.25	2	18
NDR 1599	205	226	60	< 0.01	0.6	3	60	0.03	< 1	< 0.5	0.02	< 0.01	2	< 0.01	< 0.05	< 0.02	< 0.01	0.10	0.15	< 1	10
NDR 1600	205	226	695	0.02	< 0.2	1	160	0.03	1	< 0.5	0.02	< 0.01	803	0.01	0.05	0.02	< 0.01	< 0.05	0.60	4	94

CERTIFICATION: *

*INTERFERENCE: Ca (>15%) ON ICP-MS As, ICP-AES RESULT SHOWN.

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
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To: NEWMONT METALLURGICAL SERVICES

10101 E DRY CREEK RD.
ENGLEWOOD, COLORADO
80112

Page Number : 1-A
Total Pages : 1
Certificate Date: 28-JUN-2000
Invoice No. : I0021431
P.O. Number : 21340
Account : PNX

Project : AUREX
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN/ LINDA CARMICHAEL

* PLEASE NOTE

CERTIFICATE OF ANALYSIS A0021431

SAMPLE	PREP CODE		Au ppb FA+AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
NDR 1555	205	226	< 5	2.23	0.5	101.5	240	0.40	0.49	< 10	0.22	0.33	112	7.6	62.6	6.1	0.1	3.85	< 10	6	1.12
NDR 1563	205	226	15	0.65	1.0	438	90	0.20	0.63	< 10	0.18	0.42	93	11.0	23.0	1.9	< 0.1	2.30	30	12	0.24
NDR 1564	205	226	130	0.48	4.1	262	80	0.25	1.54	< 10	0.08	0.38	109	6.2	15.2	1.3	< 0.1	1.86	10	8	0.14
NDR 1596	205	226	< 5	0.11	0.1	4.6	10	< 0.05	0.05	< 10	0.02	0.08	165	1.6	5.8	0.4	< 0.1	0.42	< 10	< 2	0.06
NDR 1597	205	226	< 5	0.25	1.9	19.4	440	0.05	0.06	< 10	< 0.02	0.01	108	2.2	6.0	0.7	< 0.1	0.56	10	6	0.01
NDR 1598	205	226	5	0.31	1.8	116.5	280	0.10	0.31	< 10	0.12	0.02	142	2.8	5.0	0.8	< 0.1	0.63	10	8	0.04
NDR 1599	205	226	< 5	0.12	0.6	47.2	10	< 0.05	0.07	< 10	0.02	0.05	160	1.2	5.8	0.3	< 0.1	0.43	< 10	4	0.04
NDR 1600	205	226	< 5	0.15	0.2	32.0	40	< 0.05	0.01	< 10	0.10	>15.00	12	2.0	2.8	0.5	< 0.1	0.62	< 10	10	0.49

Aurex - Auger
Aurex - Rock grab

CERTIFICATION: _____

*INTERFERENCE: Ca (>15%) ON ICP-MS As, ICP-AES RESULT SHOWN.

ALS Chemex

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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Certificate Date: 28-AUG-2000
Invoice No. :10026143
P.O. Number :21340
Account :TNFA

Project : AUREX
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN/ LINDA CARMICHAEL

CERTIFICATE OF ANALYSIS A0026143

SAMPLE	PREP CODE		Au ppb FA+AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
NDR 1601	205	226	5	0.83	5.1	74.4	260	0.25	0.22	< 10	0.38	0.90	78	7.4	24.6	2.0	< 0.1	2.13	< 10	16	0.31
NDR 1602	205	226	20	0.45	20.2	65.4	140	0.20	0.20	< 10	7.20	1.12	84	11.0	43.4	1.0	< 0.1	2.63	< 10	10	0.36
NDR 1603	205	226	5	0.52	7.4	57.6	1050	0.15	0.26	< 10	0.30	0.42	66	7.0	22.6	1.2	< 0.1	2.06	10	18	0.20
NDR 1604	205	226	5	0.49	21.1	73.8	310	0.15	0.21	< 10	0.28	1.00	73	7.4	21.6	1.1	< 0.1	2.01	< 10	14	0.31
NDR 1605	205	226	< 5	1.25	5.8	70.4	120	0.35	0.76	< 10	0.14	2.08	64	12.6	67.8	3.0	< 0.1	2.85	10	44	0.64
NDR 1606	205	226	25	0.40	19.4	94.4	120	0.20	0.16	< 10	1.22	5.27	64	9.2	40.6	1.0	< 0.1	2.21	< 10	12	1.00
NDR 1607	205	226	< 5	0.39	4.1	5.2	60	0.15	0.27	< 10	0.04	0.51	96	2.8	11.0	0.8	< 0.1	1.28	< 10	34	0.15
NDR 1608	205	226	< 5	0.54	3.8	46.4	190	0.10	0.23	< 10	0.48	1.42	62	7.4	19.8	1.2	< 0.1	1.99	10	24	0.37
NDR 1609	205	226	15	0.08	17.8	10.4	70	0.20	0.06	< 10	0.14	13.85	11	12.4	18.8	0.4	< 0.1	1.46	< 10	14	7.02
NDR 1610	205	226	< 5	1.73	4.3	269	110	0.30	0.34	< 10	0.08	0.77	60	16.0	18.6	4.2	< 0.1	3.52	30	< 2	0.73
NDR 1611	205	226	55	1.67	7.8	654	120	0.40	0.61	< 10	0.08	1.84	65	19.2	71.5	4.2	< 0.1	3.43	30	4	0.79
NDR 1612	205	226	30	0.46	7.3	443	70	0.35	0.50	< 10	0.10	1.76	44	16.0	33.4	1.1	< 0.1	3.97	10	6	0.27
NDR 1613	205	226	55	0.61	326	618	100	0.35	0.74	< 10	0.24	1.72	75	15.0	28.4	1.3	< 0.1	2.89	< 10	10	0.54
NDR 1614	205	226	60	0.53	65.9	2170	70	0.45	1.92	< 10	0.36	3.87	16	12.8	62.6	1.3	< 0.1	3.48	10	6	0.25
NDR 1615	205	226	80	0.46	19.4	2690	100	0.20	1.57	< 10	0.10	0.28	64	5.4	19.2	0.9	< 0.1	1.96	10	6	0.16
NDR 1616	205	226	10	0.62	11.0	189.5	110	0.35	0.21	< 10	0.02	0.10	66	9.4	17.4	1.5	< 0.1	2.44	10	8	0.13
NDR 1617	205	226	80	0.70	10.2	1765	110	0.45	0.95	< 10	0.24	1.77	50	11.6	36.4	1.2	< 0.1	3.27	< 10	10	0.81
NDR 1618	205	226	< 5	0.93	2.6	21.6	80	0.30	0.13	< 10	0.12	0.50	50	10.0	16.8	1.6	< 0.1	2.37	10	8	0.31
NDR 1619	205	226	< 5	0.48	3.3	48.8	100	0.20	0.33	< 10	0.22	0.86	58	8.6	20.6	1.0	< 0.1	1.81	< 10	14	0.26
NDR 1620	205	226	< 5	0.70	2.1	153.0	110	0.30	0.28	< 10	0.06	0.12	68	8.2	20.4	1.5	< 0.1	2.04	< 10	20	0.26
NDR 1621	205	226	20	1.05	18.9	371	90	0.40	0.65	< 10	0.26	0.49	57	12.6	30.2	2.6	< 0.1	3.75	< 10	4	0.52
NDR 1622	205	226	< 5	0.47	55.5	70.2	100	0.25	0.29	< 10	0.04	0.59	53	14.4	30.8	1.1	< 0.1	3.64	20	10	0.64
NDR 1623	205	226	< 5	0.43	4.7	126.5	100	0.25	0.23	< 10	0.08	0.85	53	9.6	17.2	1.1	< 0.1	2.29	10	10	0.50
NDR 1624	205	226	480	0.80	49.2	6960	160	0.80	2.98	< 10	0.20	3.84	116	32.8	58.7	2.4	< 0.1	4.54	< 10	2	1.33
NDR 1625	205	226	5	2.24	3.9	316	190	0.25	0.36	< 10	0.10	1.62	220	42.8	58.8	7.5	< 0.1	5.84	< 10	< 2	1.79
NDR 1626	205	226	< 5	0.89	0.8	56.6	60	0.05	0.09	< 10	0.04	3.89	70	8.4	18.0	2.7	< 0.1	1.35	< 10	< 2	0.78
NDR 1627	205	226	15	1.44	1.2	437	150	0.20	0.34	< 10	0.12	0.95	109	18.2	30.6	4.3	< 0.1	3.26	10	2	1.12
NDR 1628	205	226	< 5	2.71	1.2	10.6	640	0.45	0.04	< 10	0.10	2.74	224	31.2	41.6	9.6	0.1	5.43	< 10	< 2	2.70
NDR 1629	205	226	20	0.90	3.3	344	110	0.60	0.30	< 10	0.14	0.57	73	16.2	29.6	2.1	< 0.1	4.15	10	8	0.32
NDR 1630	205	226	10	1.52	1.8	524	140	0.60	0.67	< 10	0.14	0.11	74	12.4	35.4	4.1	< 0.1	3.65	10	8	0.69
NDR 1631	205	226	20	0.76	6.5	904	70	0.40	0.60	< 10	0.10	0.09	78	11.8	38.8	2.0	< 0.1	2.39	10	6	0.24
NDR 1632A	205	226	40	1.28	3.5	740	130	0.25	0.89	< 10	0.20	0.64	69	14.0	83.1	3.2	< 0.1	2.83	< 10	6	0.63
NDR 1632B	205	226	25	0.34	2.0	632	60	0.25	0.18	< 10	0.10	0.04	87	5.6	20.2	0.8	< 0.1	2.00	< 10	8	0.06
NDR 1634	205	226	50	0.49	6.9	374	100	0.20	0.21	< 10	0.18	0.06	88	5.4	14.2	1.0	< 0.1	1.71	< 10	10	0.10
NDR 1635 STD	205	226	< 5	2.55	0.5	6.2	680	0.90	0.21	< 10	0.36	1.09	18	8.0	22.0	6.6	< 0.1	2.21	10	8	0.59

CERTIFICATION:

ALS Chemex

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Certificate Date: 28-AUG-2000
Invoice No. :I0026143
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Account :TNFA

Project : AUREX
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN/ LINDA CARMICHAEL

CERTIFICATE OF ANALYSIS A0026143

SAMPLE	PREP CODE		Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
NDR 1601	205	226	410	0.03	2.0	24	430	0.06	2	0.5	0.28	0.02	35	0.01	< 0.05	0.06	0.02	2.90	0.65	21	60
NDR 1602	205	226	395	0.35	16.2	95	580	0.09	1	6.5	1.52	0.01	62	1.33	< 0.05	0.12	< 0.01	2.00	2.80	30	620
NDR 1603	205	226	425	0.01	2.0	26	350	0.12	1	0.5	0.22	0.01	47	0.11	< 0.05	0.08	0.01	1.05	2.10	12	54
NDR 1604	205	226	395	0.05	1.2	22	290	0.14	1	0.5	0.28	0.01	57	0.45	< 0.05	0.10	< 0.01	1.50	0.70	7	46
NDR 1605	205	226	730	0.01	1.4	31	320	0.13	1	< 0.5	0.58	0.01	65	0.12	< 0.05	0.06	0.02	1.55	1.05	13	74
NDR 1606	205	226	570	0.15	4.8	32	710	0.10	2	1.5	0.72	0.01	139	0.14	< 0.05	0.04	< 0.01	1.05	0.95	15	128
NDR 1607	205	226	420	< 0.01	0.6	10	240	0.04	< 1	0.5	0.06	0.01	16	0.01	< 0.05	< 0.02	< 0.01	0.05	0.15	2	22
NDR 1608	205	226	595	< 0.01	3.0	27	230	0.15	< 1	0.5	0.28	0.01	55	0.04	< 0.05	0.06	< 0.01	1.00	1.45	5	86
NDR 1609	205	226	4690	0.04	0.6	8	2200	0.04	< 1	< 0.5	0.04	0.01	438	0.06	< 0.05	< 0.02	< 0.01	0.10	2.20	3	18
NDR 1610	205	226	515	0.01	0.8	40	220	0.17	1	< 0.5	0.06	0.01	18	< 0.01	< 0.05	0.06	< 0.01	1.00	0.40	9	82
NDR 1611	205	226	620	< 0.01	0.4	42	270	0.18	2	< 0.5	0.22	0.01	66	0.01	< 0.05	0.08	< 0.01	0.55	0.60	13	80
NDR 1612	205	226	710	< 0.01	0.8	37	250	0.12	3	0.5	0.18	0.01	48	0.09	< 0.05	0.04	< 0.01	0.60	1.45	7	76
NDR 1613	205	226	535	0.05	1.0	35	250	0.19	2	1.0	0.32	0.01	65	0.13	< 0.05	0.12	< 0.01	36.7	0.70	9	64
NDR 1614	205	226	610	< 0.01	1.0	47	500	0.10	1	1.5	0.26	0.01	93	0.22	< 0.05	0.04	< 0.01	1.55	1.40	4	68
NDR 1615	205	226	475	< 0.01	0.2	15	590	0.16	1	0.5	0.26	0.01	24	0.01	0.05	0.06	< 0.01	0.70	0.55	4	40
NDR 1616	205	226	445	< 0.01	0.8	30	260	0.15	1	< 0.5	0.08	0.01	10	< 0.01	< 0.05	0.10	0.01	0.65	0.80	11	44
NDR 1617	205	226	500	< 0.01	0.8	31	260	0.18	3	1.0	0.34	0.01	104	0.67	< 0.05	0.10	< 0.01	0.50	1.25	6	70
NDR 1618	205	226	585	0.01	0.6	30	130	0.20	1	< 0.5	0.06	< 0.01	36	0.07	< 0.05	0.08	< 0.01	0.55	2.10	4	56
NDR 1619	205	226	370	0.03	0.8	19	210	0.23	1	0.5	0.20	0.01	46	0.40	< 0.05	0.12	< 0.01	11.05	0.45	6	40
NDR 1620	205	226	570	< 0.01	0.4	19	300	0.21	1	0.5	0.28	0.01	12	0.04	< 0.05	0.10	< 0.01	0.60	1.00	5	38
NDR 1621	205	226	440	0.01	0.8	37	270	0.18	1	1.0	0.14	0.01	33	0.25	< 0.05	0.14	< 0.01	2.15	1.15	10	88
NDR 1622	205	226	390	0.03	0.8	32	290	0.22	1	0.5	0.08	0.01	47	0.09	< 0.05	0.08	< 0.01	3.85	0.65	3	70
NDR 1623	205	226	295	0.09	0.8	22	240	0.25	1	1.5	0.12	0.01	68	0.17	< 0.05	0.14	< 0.01	2.00	0.85	6	62
NDR 1624	205	226	1100	0.20	1.8	115	770	0.16	8	3.5	0.22	0.01	92	0.49	0.10	0.36	< 0.01	1.35	0.90	47	88
NDR 1625	205	226	765	0.01	1.0	139	770	0.22	4	< 0.5	0.26	0.03	85	0.03	< 0.05	0.18	0.28	0.30	0.65	52	76
NDR 1626	205	226	380	< 0.01	0.2	20	580	0.11	3	< 0.5	0.02	0.06	511	0.01	< 0.05	0.10	0.07	0.10	< 0.05	24	22
NDR 1627	205	226	360	0.01	1.4	54	460	0.16	3	0.5	0.12	0.01	104	0.80	0.05	0.08	0.03	15.10	0.80	21	66
NDR 1628	205	226	825	0.01	0.2	68	670	0.44	12	< 0.5	0.08	0.04	322	0.08	< 0.05	0.20	0.08	0.15	0.05	79	80
NDR 1629	205	226	795	< 0.01	1.0	39	300	0.16	3	0.5	0.16	0.01	17	0.03	< 0.05	0.06	< 0.01	1.90	0.75	7	86
NDR 1630	205	226	620	< 0.01	0.8	38	240	0.14	2	0.5	0.24	0.01	11	< 0.01	< 0.05	0.08	< 0.01	0.80	1.00	14	84
NDR 1631	205	226	315	0.02	1.4	23	200	0.24	1	0.5	0.18	0.01	9	0.01	< 0.05	0.16	< 0.01	14.50	0.75	8	50
NDR 1632A	205	226	480	0.01	1.2	30	520	0.13	3	< 0.5	0.48	0.05	22	0.01	< 0.05	0.10	0.10	6.95	0.50	45	56
NDR 1632B	205	226	460	0.01	0.6	16	130	0.12	1	0.5	0.12	0.01	6	< 0.01	< 0.05	0.06	< 0.01	0.80	0.65	5	34
NDR 1634	205	226	405	0.01	1.0	16	150	0.10	1	0.5	0.22	0.01	6	< 0.01	< 0.05	0.04	< 0.01	0.90	0.55	6	34
NDR 1635	205	226	520	0.03	0.8	19	520	0.53	5	0.5	0.12	0.13	84	0.02	< 0.05	0.32	0.08	0.25	1.20	48	80

CERTIFICATION: _____

ALS Chemex

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Project : MCQUESTEN / AUREX
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN / LINDA CARMICHAEL

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CERTIFICATE OF ANALYSIS A0027649

SAMPLE	PREP CODE		Au ppb FA+AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
NDR-253	205	226	< 5	0.12	0.05	3.2	23.2	< 0.05	0.29	< 10	0.04	3.62	145	2.1	2.8	0.35	< 0.05	0.75	5.0	30.0	0.09
NDR-364	205	226	< 5	0.29	4.45	2.6	54.2	0.05	14.70	< 10	0.34	0.07	180	1.6	29.8	0.75	< 0.05	0.96	4.8	10.2	0.15
NDR-365	205	226	< 5	0.10	21.10	2.4	19.2	< 0.05	0.48	< 10	0.04	0.33	141	3.4	3.4	0.20	< 0.05	0.84	1.8	14.6	0.05
NDR-366	205	226	< 5	0.76	4.30	1.3	37.4	0.05	0.36	< 10	0.05	0.98	104	6.8	16.8	2.30	< 0.05	1.93	11.0	32.0	0.37
NDR-367	205	226	< 5	1.43	3.00	1.9	65.2	0.15	0.06	< 10	0.03	1.04	152	18.5	60.2	5.50	0.05	2.64	2.8	0.6	1.17
NDR-368	205	226	< 5	0.15	0.75	1.4	135.4	< 0.05	0.19	< 10	< 0.01	0.05	204	0.9	3.2	0.40	< 0.05	0.61	3.2	5.8	0.06
NDR-369	205	226	< 5	0.31	0.45	0.3	123.6	0.05	0.09	< 10	0.04	1.31	66	2.7	3.8	0.65	< 0.05	0.83	16.2	13.4	0.11
NDR-370	205	226	< 5	0.31	2.25	3.4	76.0	0.20	0.28	< 10	0.11	0.40	125	3.0	7.6	0.80	< 0.05	0.93	20.4	11.8	0.04
NDR-371	205	226	< 5	0.17	0.30	0.8	51.4	0.15	0.21	< 10	0.08	0.94	112	3.0	5.4	0.45	< 0.05	1.11	7.6	22.4	0.04
NDR-372	205	226	< 5	0.44	0.25	3.7	30.8	0.05	0.09	< 10	0.01	0.28	107	4.2	1.4	1.55	< 0.05	1.44	19.6	3.2	0.14
NDR-373	205	226	< 5	0.47	1.45	0.8	14.2	0.30	0.15	< 10	0.12	6.76	106	6.5	21.6	0.80	< 0.05	1.47	3.6	9.6	0.41
NDR-374	205	226	90	< 0.01	28.00	3260	< 10.0	1.00	102.0	< 10	>500	0.10	37	7.0	4730	40.00	Minrlzd	>15.00	< 10.0	576.0	0.12
NDR-384	205	226	5	0.13	38.45	299	16.8	0.05	0.53	< 10	1.64	0.98	89	1.0	9.0	0.30	< 0.05	0.82	5.2	3.8	0.06
NDR-387	205	226	< 5	1.53	1.10	28.1	138.6	0.30	0.45	< 10	0.58	0.14	55	13.2	19.8	4.20	0.05	3.20	20.0	2.6	0.68
NDR-388	205	226	< 5	0.28	0.80	21.6	87.2	0.05	0.13	< 10	0.35	0.01	61	3.1	6.2	0.60	< 0.05	1.35	17.8	19.0	0.05
NDR-389	205	226	< 5	0.15	4.20	47.3	114.2	0.10	0.07	< 10	0.18	0.03	82	2.8	5.2	0.35	< 0.05	0.89	7.4	2.6	0.01
NDR-392	205	226	< 5	0.22	1.65	9.0	25.2	< 0.05	0.10	< 10	0.19	0.28	154	2.7	5.0	0.85	< 0.05	1.12	6.4	6.0	0.16
NDR-393	205	226	< 5	0.50	2.60	25.1	114.0	< 0.05	0.12	< 10	0.14	0.07	109	3.4	71.6	1.50	< 0.05	1.25	5.6	4.0	0.22

CERTIFICATION: *+

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : MCQUESTEN / AUREX
Comments: ATTN: STEVEN KOEHLER CC: OWEN LAVIN / LINDA CARMICHAEL

Page Number :1-B
Total Pages :1
Certificate Date: 08-SEP-2000
Invoice No. :I0027649
P.O. Number :21342
Account :TNFA

CERTIFICATE OF ANALYSIS A0027649

SAMPLE	PREP CODE		Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
NDR-253	205	226	275	< 0.01	0.55	6.0	100	0.07	0.7	< 0.2	0.08	0.04	254.0	0.01	< 0.01	< 0.02	< 0.01	0.15	0.20	1	8
NDR-364	205	226	45	< 0.01	4.90	8.5	310	0.08	0.5	6.8	0.13	< 0.01	5.8	< 0.01	< 0.01	< 0.02	< 0.01	0.20	0.90	13	42
NDR-365	205	226	235	< 0.01	0.60	6.0	140	0.01	0.3	0.4	0.04	0.02	13.6	0.18	0.04	< 0.02	< 0.01	0.15	1.50	< 1	6
NDR-366	205	226	450	< 0.01	0.45	16.0	320	0.06	1.1	< 0.2	0.08	0.02	103.3	0.01	0.03	< 0.02	< 0.01	0.05	0.25	7	44
NDR-367	205	226	340	< 0.01	0.30	39.0	890	0.02	3.0	< 0.2	0.03	0.03	42.8	0.01	< 0.01	< 0.02	0.34	0.20	0.05	39	44
NDR-368	205	226	30	0.04	0.55	4.5	250	0.07	0.4	< 0.2	< 0.01	< 0.01	10.2	< 0.01	0.03	< 0.02	< 0.01	0.15	0.15	1	10
NDR-369	205	226	495	0.01	0.30	8.0	100	0.17	0.5	< 0.2	0.01	0.01	66.4	0.02	0.01	0.02	< 0.01	0.05	0.25	1	12
NDR-370	205	226	350	0.04	0.40	7.0	120	0.22	0.8	< 0.2	0.02	0.03	17.0	< 0.01	< 0.01	0.06	< 0.01	0.05	0.20	2	20
NDR-371	205	226	655	0.05	0.45	7.0	60	0.08	0.7	0.2	0.04	< 0.01	20.8	< 0.01	0.02	< 0.02	< 0.01	0.05	0.25	2	24
NDR-372	205	226	340	0.05	0.30	12.5	170	0.01	3.5	< 0.2	< 0.01	0.09	62.6	< 0.01	< 0.01	< 0.02	< 0.01	< 0.05	0.55	17	24
NDR-373	205	226	1270	0.03	0.50	23.0	170	0.06	2.5	< 0.2	0.05	< 0.01	165.9	0.17	0.02	0.02	< 0.01	0.05	0.35	1	32
NDR-374	205	226	7490	10.00	< 1.00	18.0	240	< 0.01	< 1.0	Minrlzd>	100.0	< 0.01	< 1.0	>5.00	Minrlzd<	10.00	< 0.01	20.0	< 10.00	< 1	>10000
NDR-384	205	226	280	< 0.01	0.35	3.0	30	0.08	0.5	< 0.2	0.38	0.01	27.4	0.05	0.01	0.02	< 0.01	0.15	0.20	1	174
NDR-387	205	226	450	< 0.01	0.40	33.0	230	0.18	2.8	< 0.2	0.16	0.01	11.8	0.01	0.01	0.02	< 0.01	< 0.05	0.50	13	106
NDR-388	205	226	65	< 0.01	0.30	6.0	90	0.13	0.6	< 0.2	0.06	0.01	2.8	0.01	< 0.01	0.02	< 0.01	0.05	0.40	1	60
NDR-389	205	226	375	< 0.01	0.35	5.5	50	0.08	0.5	0.2	0.03	< 0.01	1.6	< 0.01	0.02	< 0.02	< 0.01	< 0.05	0.25	1	32
NDR-392	205	226	185	< 0.01	0.45	7.5	70	< 0.01	1.4	< 0.2	0.03	0.03	10.0	0.13	< 0.01	< 0.02	< 0.01	0.05	0.15	6	24
NDR-393	205	226	255	< 0.01	0.75	16.5	80	0.05	1.2	< 0.2	0.14	< 0.01	4.6	0.01	0.01	< 0.02	< 0.01	0.05	0.25	10	44

CERTIFICATION: _____

APPENDIX F

AIRBORNE GEOPHYSICS - STATISTICS AND EQUIPMENT

APPENDIX F

AIRBORNE GEOPHYSICS – STATISTICS AND EQUIPMENT

Survey Dates:	May 19-28 / 2000
Project Name:	**Aurex**
Project Location:	Mayo Mining District, Yukon Territory
Survey Type:	Airborne Magnetic & Electromagnetic
Flight-Line Direction:	NS
Flight Line Spacing:	150m
Aircraft Height:	60 m
Bird Height:	Magnetic – 30m Electromagnetic – 30m
Navigation:	GPS
Distance Flow:	1226 Line Kilometres
Average Airspeed:	78 Km/h
Geophysical Operators:	

Greg Paleolog	Manager, Helicopter Operations
Doug McConnell	Manager, Data Processing and Interpretation
Frank Corbin	Senior Geophysical Operator
Duane Griffith	Field Geophysicist
Bill Karmen	Pilot (Kluane Helicopters Ltd.)
Gordon Smith	Data Processing Supervisor
Lyn Vanderstarren	Drafting Supervisor
Susan Pothiah	Word Processing Operator
Albina Tonello	Secretary/Expeditor
James Wright	Geophysicist

All personnel are employees of Fugro Airborne Surveys, except for the pilot who is an employee of Kluane Helicopters Ltd, and James Wright who is employed by Newmont Mining Corp.

Aircraft Contractor:	Kluane Helicopter Ltd.
Magnetometer:	Picodas 3340 Processor / Geometrics G822
Magnetometer Base:	GEM Systems GSM-19T
Electromagnetic System:	DIGHEM V
Data Acquisition:	RMS Instruments DGR 33 / Iomega ZIP Drive
GPS:	Ashtech Glonass GG24
GPS Base:	Marconi Allstar OEM, CMT-1200
Radar Altimeter:	Honeywell / Sperry AA330
Helicopter:	AS350B2 Helicopter / Registration C-GKHS

APPENDIX G

GEOLOGIST'S CERTIFICATE

GEOLOGIST'S CERTIFICATE

I, Nadia M. Caira, of Bragg Creek, Alberta, Canada, DO HEREBY CERTIFY:

1 THAT I am a Consulting Geologist with offices at Number 6 Elbo Rise, Bragg Creek, Alberta, T0L 0K0, Canada.

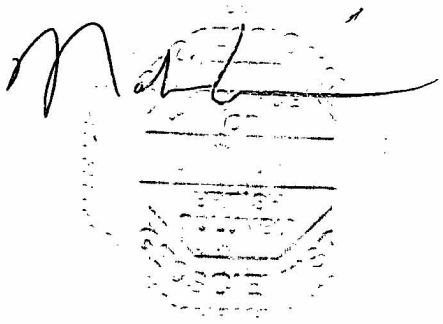
2 THAT I have practiced in my profession with various mining companies in North and South America and Central Southeast Asia for 20 years.

3 THAT I am a graduate of the University of British Columbia (1981) and hold a B.Sc. in the field of Geological Sciences.

4 THAT I am duly registered as a Professional Geoscientist in the Province of British Columbia.

5 THAT this report is based on property work that I was directly involved with from June 1 to August 20, 2000.

7 THAT I have no interest in the property described herein, or in any securities of any company associated with the property, nor do I expect to receive any such interest.



Nadia M. Caira, P.Geo
Bragg Creek, Alberta
January 2001

GEOLOGIST'S CERTIFICATE

I, Michael A. Stammers, of 941 Kennedy Avenue, North Vancouver, in the Province of British Columbia , Canada, DO HEREBY CERTIFY:

1 THAT I am a Consulting Geologist with offices at 941 Kennedy Avenue, North Vancouver, British Columbia, V7R 1L4 Canada.

2 THAT I have practiced in my profession with various mining companies in Yukon, British Columbia, Nova Scotia, Northwest Territories, Alaska, Oregon, Vanuatu and Venezuela for 27 years.

3 THAT I am a graduate of McMaster University (1977) and hold a combined Honours B.A. in Geology and Geography.

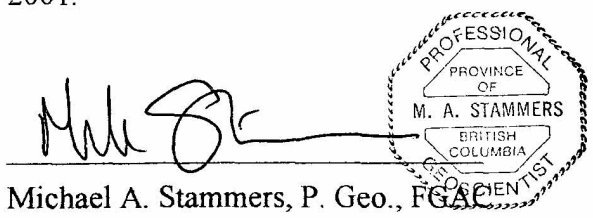
4 THAT I am duly registered as a Professional Geoscientist in the Province of British Columbia (#18883).

5 THAT I am a Fellow of the Geological Association of Canada.

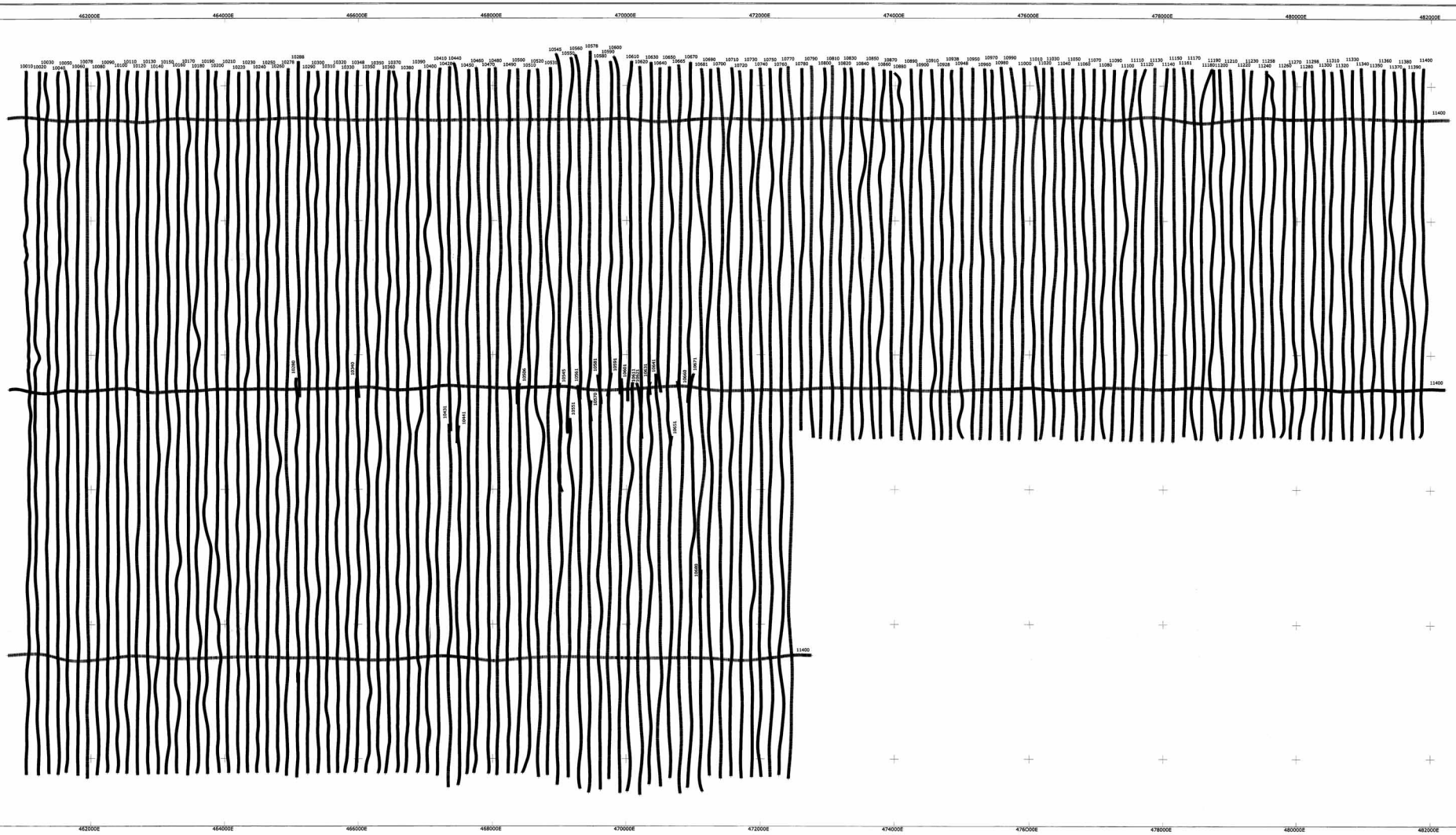
6 THAT this report is based on property work that I supervised from May 1 to August 31, 2000.

7 THAT I have no interest in the property described herein, nor in any securities of any company associated with the property, nor do I expect to receive any such interest.

DATED at North Vancouver, British Columbia, Canada, this 19 day of Janurary, 2001.



Michael A. Stammers, P. Geo., FGAC



SURVEY SPECIFICATIONS

Survey Date: May 19-28 / 2000
Operator: Fugro Airborne Surveys
Line Orientation: NS
Line Spacing: 150m
Sensor Height: 30m
Navigation: GPS
Aircraft: Helicopter
Instrument: DIGHEM V Electromagnetic System

LOCATION INFORMATION

Map Boundaries:

460000 - 483000 mE
7075000 - 7087000 mN

Map Projection: NAD 27 UTM Zone 8N

N

0 500 1000 1500 M
SCALE 1:25000

0 2000 4000 6000 Ft
SCALE 1:25000

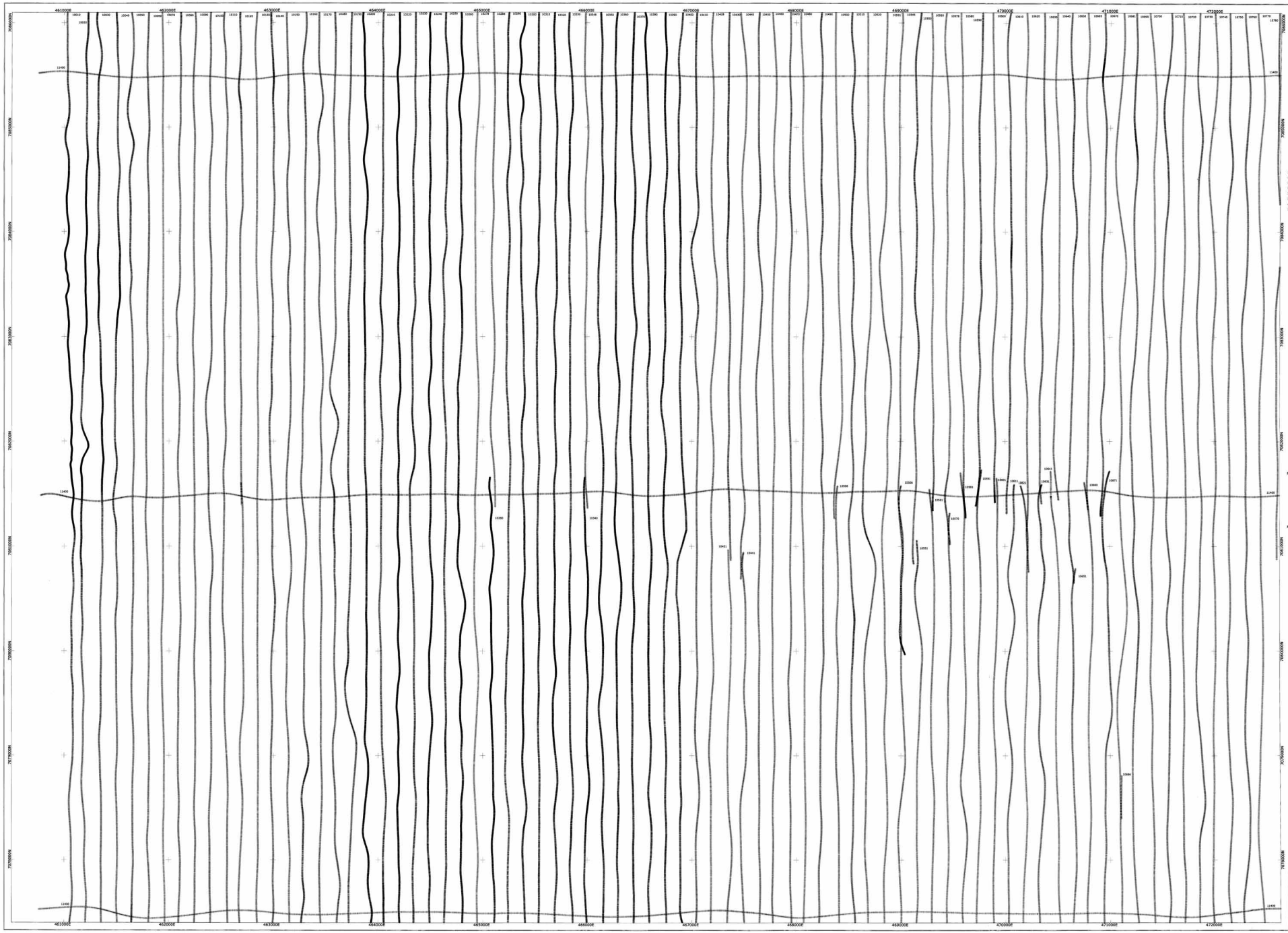
094222

NEWMONT MINING CORPORATION

AUREX FOLIO

PLATE 7A
AIRBORNE GEOPHYSICAL SURVEY
FLIGHT LINE PLOT

November 2000



SURVEY SPECIFICATIONS

Survey Date: may 19-28 / 2000
Operator: Fugro Airborne Surveys
Line Orientation: NS
Line Spacing: 150m
Sensor Height: 30m
Navigation: GPS
Aircraft: Helicopter
Instrument: DIGHEM V Electromagnetic System

LOCATION INFORMATION

Map Boundaries:

460500 - 472625 mE
7977400 - 7986100 mN

Map Projection: NAD 27 UTM Zone 8N

0 200 400 600 M
SCALE 1:10000

0 500 1000 1500 Ft
SCALE 1:10000

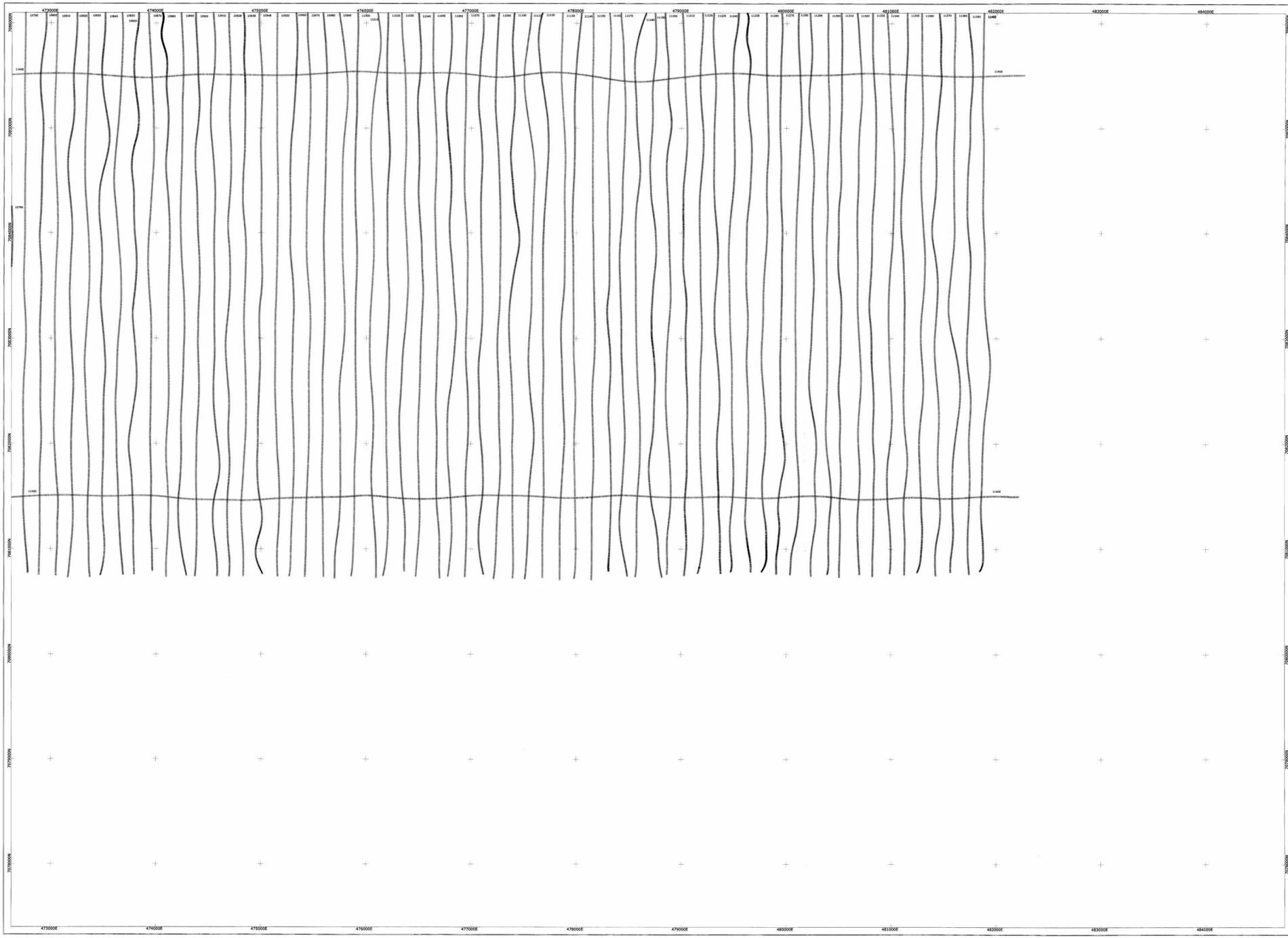
094222

NEWMONT MINING CORPORATION

AUREX / MEQ FOLIO

PLATE 7B
AIRBORNE GEOPHYSICAL SURVEY
FLIGHT LINE PLOT

November 2000



SURVEY SPECIFICATIONS

Survey Date: May 19-28 / 2000
Operator: Fugro Airborne Surveys
Line Orientation: NS
Line Spacing: 150m
Sensor Height: 30m
Navigation: GPS
Aircraft: Helicopter
Instrument: DEHEM V Electromagnetic System

LOCATION INFORMATION

Map Boundaries:

472625 - 484750 mE
7077400 - 7086100 mN

Map Projection: NAD 27 UTM Zone 8N

0 200 400 600 M
SCALE 1:10000

0 500 1000 1500 Ft
SCALE 1:10000

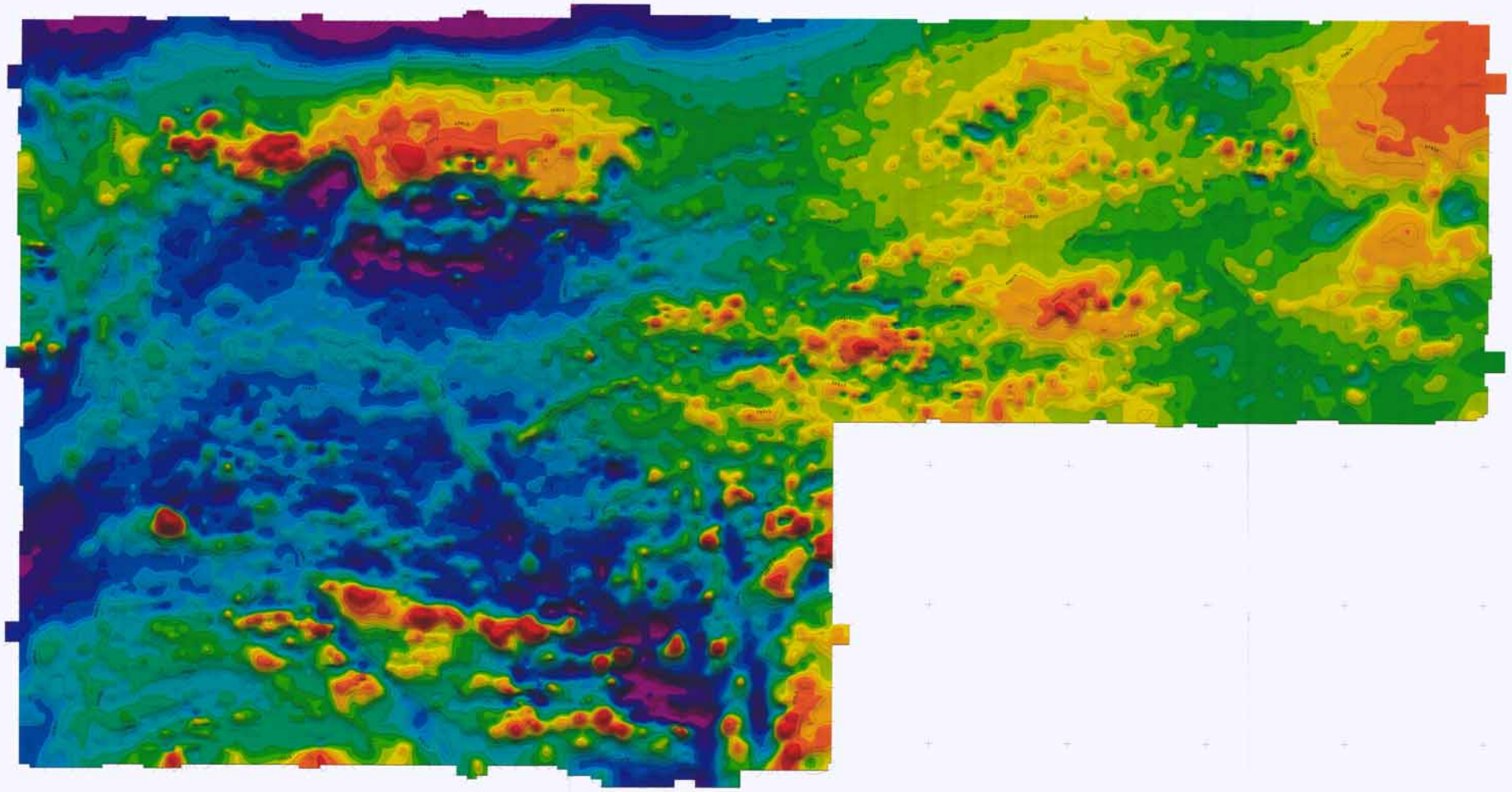
094222

NEWMONT MINING CORPORATION

DUNCAN CREEK FOLIO

PLATE 7C
AIRBORNE GEOPHYSICAL SURVEY
FLIGHT LINE PLOT

November 2000



SURVEY SPECIFICATIONS

Survey Date: May 19-28 / 2000
Operator: Fugro Airborne Surveys
Line Orientation: NS
Line Spacing: 150m
Sensor Height: 30m
Navigation: GPS
Aircraft: Helicopter
Instrument: DEGHEM V Electromagnetic System

DATA PROCESSING

Diurani Correction, Manual Line Levelling,
Minimum Curvature Gridding @80m Imaging
and Contouring.

Contour Interval

57600 - 58100 CI = 10.0 nT

LOCATION INFORMATION

Map Boundaries:

460000 - 483000 mE
7075000 - 7087000 mN

Map Projection: NAD 27 UTM Zone 8N

nT

0 500 1000 1500 m
SCALE 1:25000

0 2000 4000 6000 Ft
SCALE 1:25000

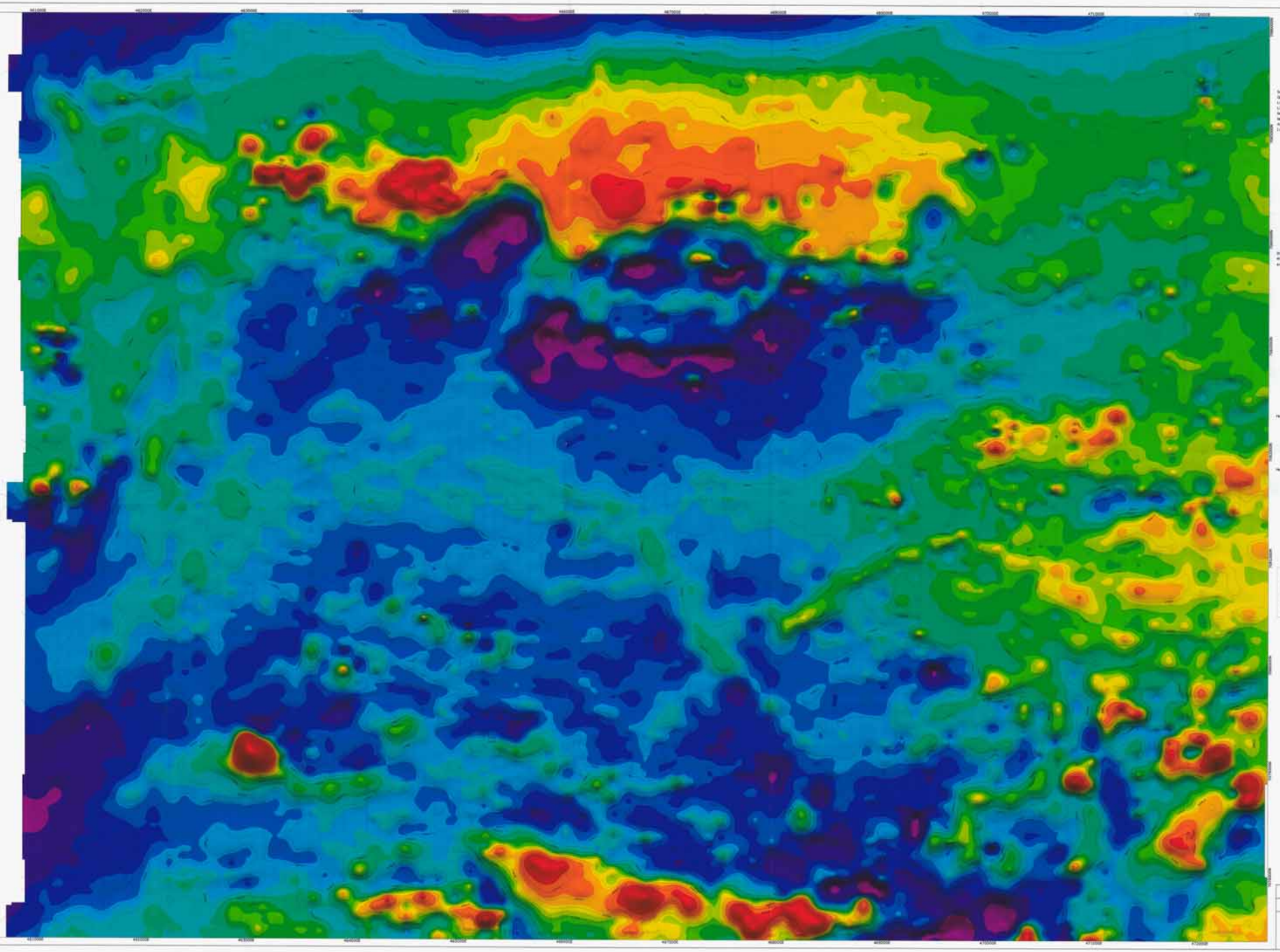
094222

NEWMONT MINING CORPORATION

AUREX FOLIO

PLATE 8A
AIRBORNE MAGNETIC SURVEY
TOTAL FIELD (nT)

November 2000



SURVEY SPECIFICATIONS

DATA PROCESSING

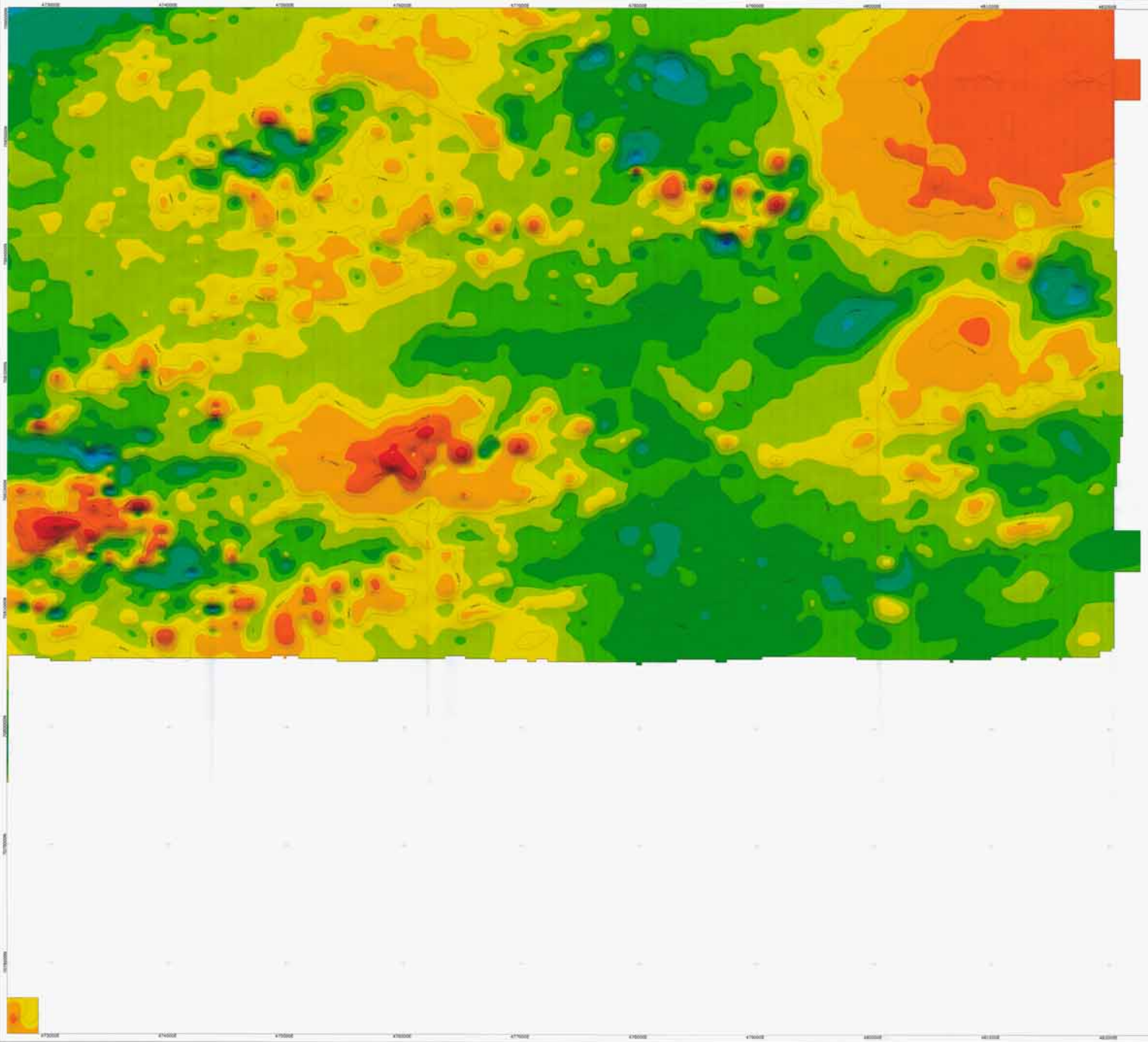
LOCATION INFORMATION

nT

694222

NEWMONT MINING CORPORATION

AUREX / MLQ POLLO



SURVEY SPECIFICATIONS

DATA PROCESSING

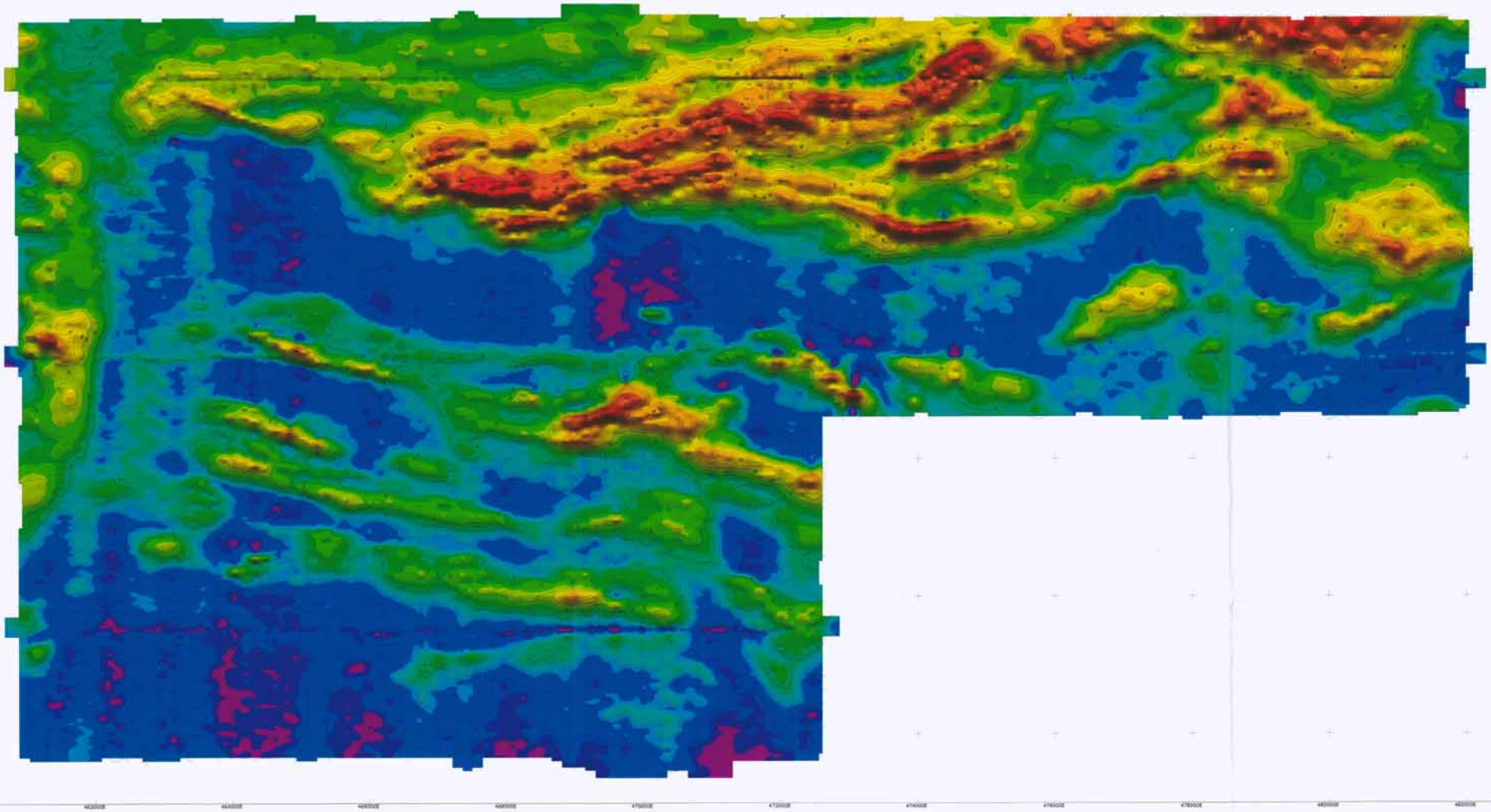
LOCATION INFORMATION

nT

094222

NEWMONT MINING CORPORATION

DUNCAN CREEK FOLIO



SURVEY SPECIFICATIONS

Survey Date: May 19-28 / 2000
Operator: Fugro Airborne Surveys
Line Orientation: NS
Line Spacing: 150m
Sensor Height: 30m
Navigation: GPS
Aircraft: Helicopter
Instrument: RESOLVE Electromagnetic System

DATA PROCESSING

Sampled @ 10 samples/sec, Spheric Rejection,
Hanning Filter, Minimum Curvature Gridding,
@20m and Contouring.

Contour Interval

0 - 100 CI = 5.0
100 - 200 CI = 10.0

LOCATION INFORMATION

Map Boundaries:

460000 - 493000 mE
7075000 - 7087000 mN

Map Projection: NAD 27 UTM Zone 8N

nT

0 500 1000 1500 m
SCALE 1: 25000

0 2000 4000 6000 Ft
SCALE 1: 25000

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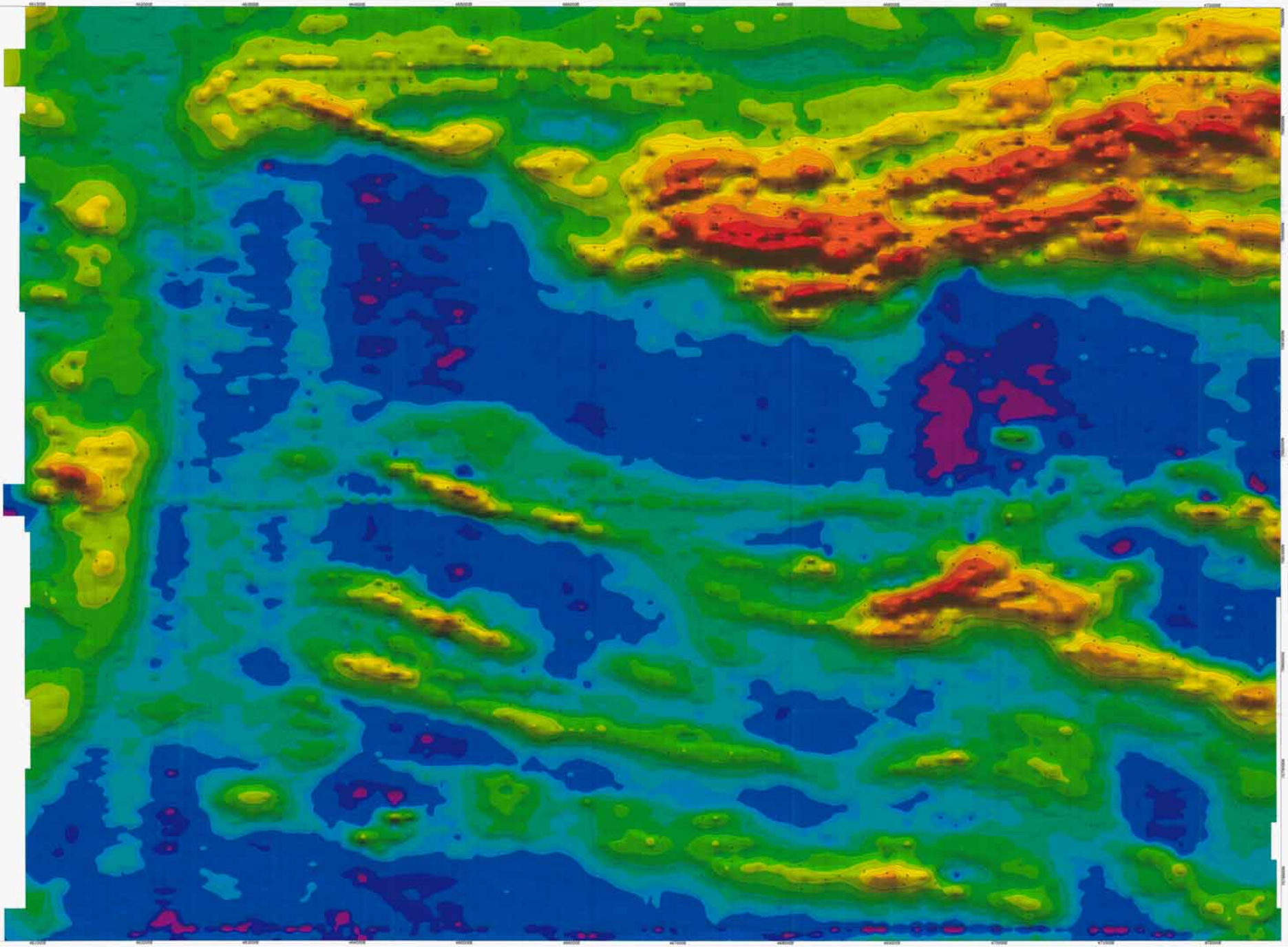
NEWMONT MINING CORPORATION

AUREX FOLIO

PLATE 9A
AIRBORNE ELECTROMAGNETIC SURVEY
1/4 PHASE COMPONENT: 1000 Hz

November 2000



SURVEY SPECIFICATIONS

DATA PROCESSING

LOCATION INFORMATION

ppm

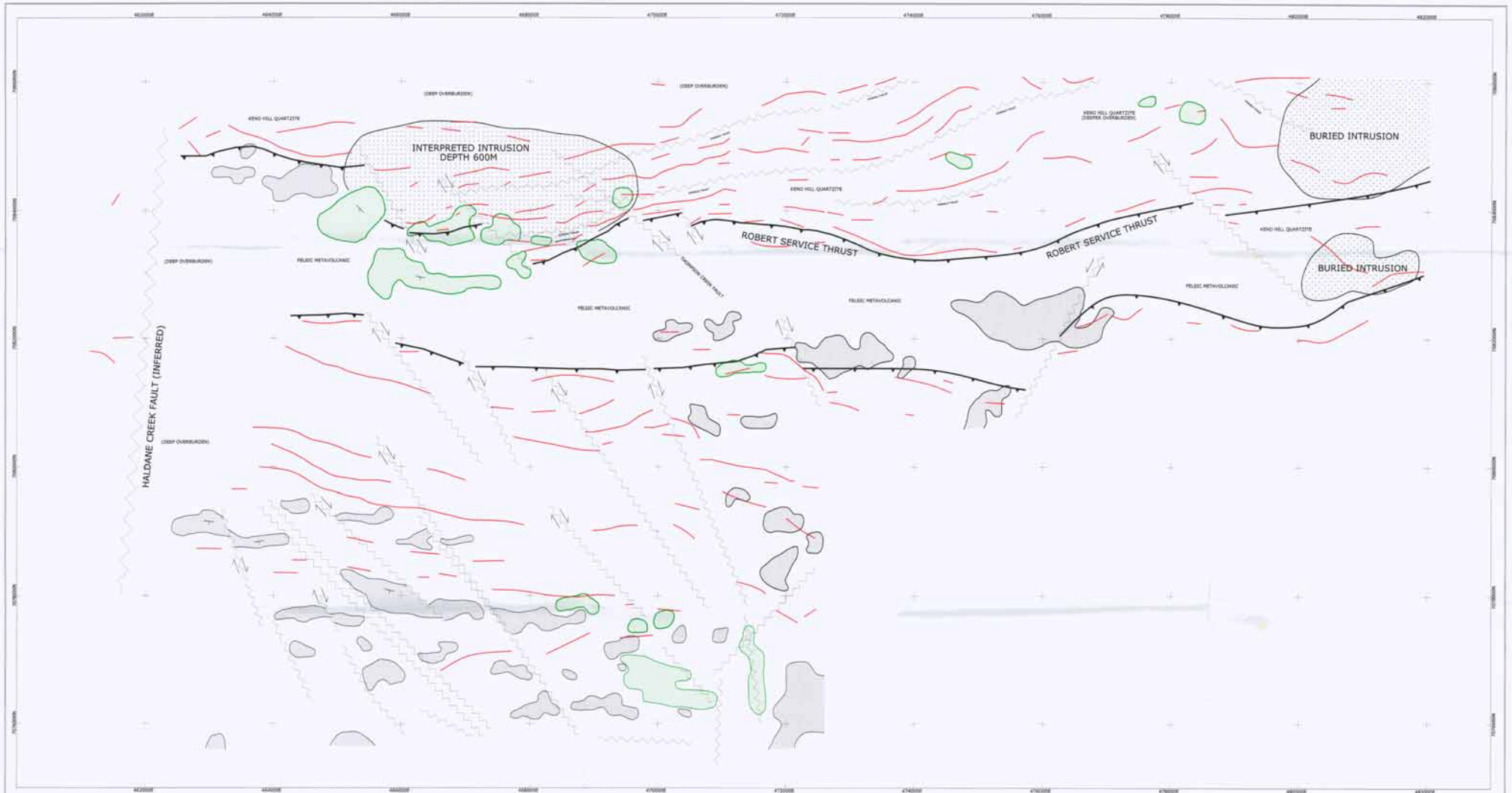
094222

NEWMONT MINING CORPORATION

AUREX / MCQ FOLIO

PLATE 3A
GENERIC ELECTROMAGNETIC SURVEY
1/4 PHASE CONFIDENCE 1000Hz

November 2000



SURVEY SPECIFICATIONS

Survey Date: May 19-28 / 2000
Operator: Fugro Airborne Surveys
Line Orientation: NS
Line Spacing: 150m
Sensor Height: 30m
Navigation: GPS
Aircraft: Helicopter
Instrument: DIGHEM V Electromagnetic System

LOCATION INFORMATION

Map Boundaries:

460000 - 483000 mE
7075000 - 7087000 mN

Map Projection: NAD 27 UTM Zone 8N

INTRUSIVE

REMNANT MAGNETIC ANOMALY

INDUCED MAGNETIC ANOMALY

CONDUCTOR AXIS

FAULT

THRUST FAULT

0 500 1000 1500 M
SCALE 1: 25000

0 2000 4000 6000 Ft
SCALE 1: 25000

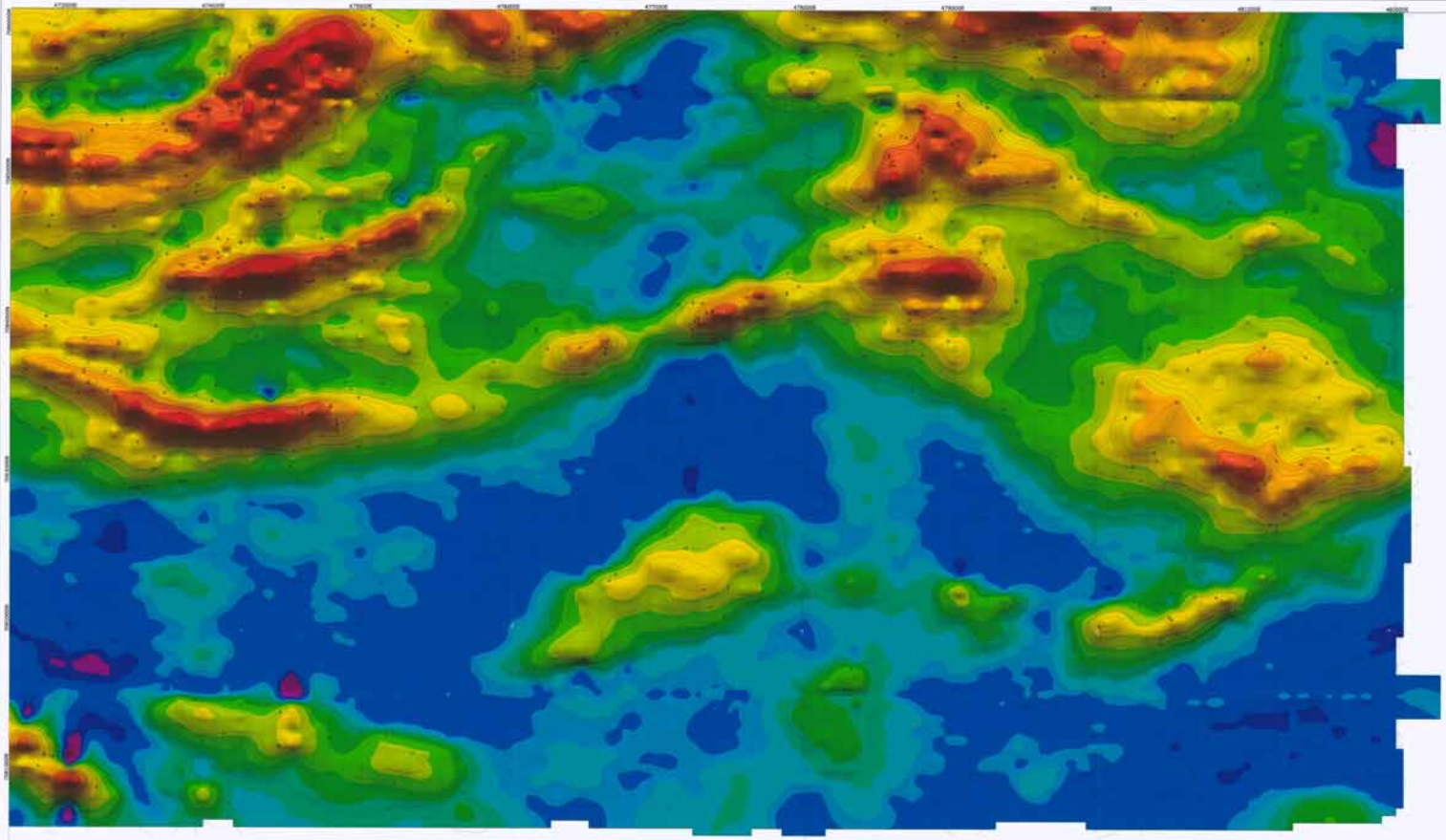
094222

NEWMONT MINING CORPORATION

AUREX FOLIO

PLATE 10A
AIRBORNE GEOPHYSICAL SURVEY
GEOPHYSICAL INTERPRETATION

November 2000



SURVEY SPECIFICATIONS

DATA PROCESSING

LOCATION INFORMATION

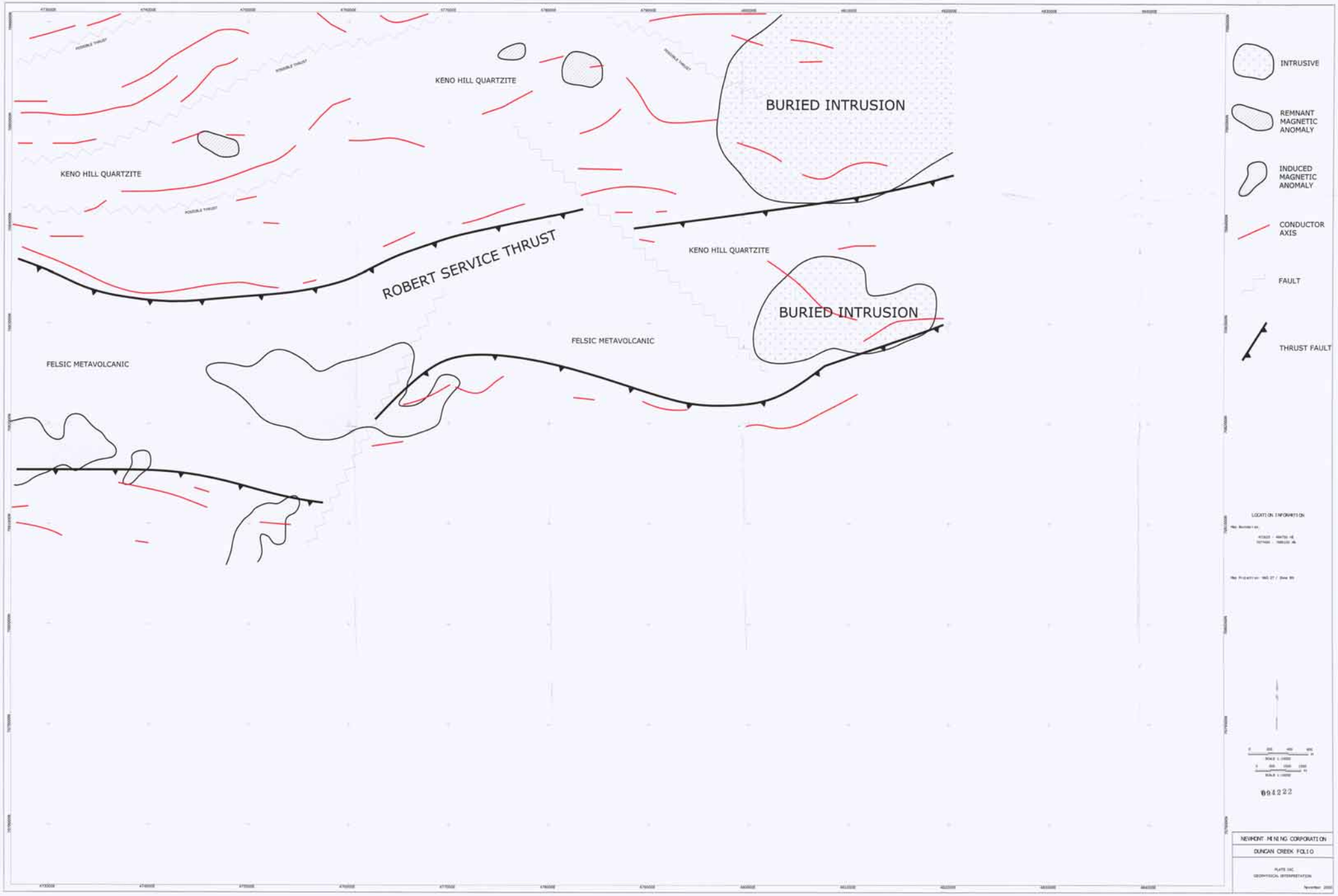
ppm

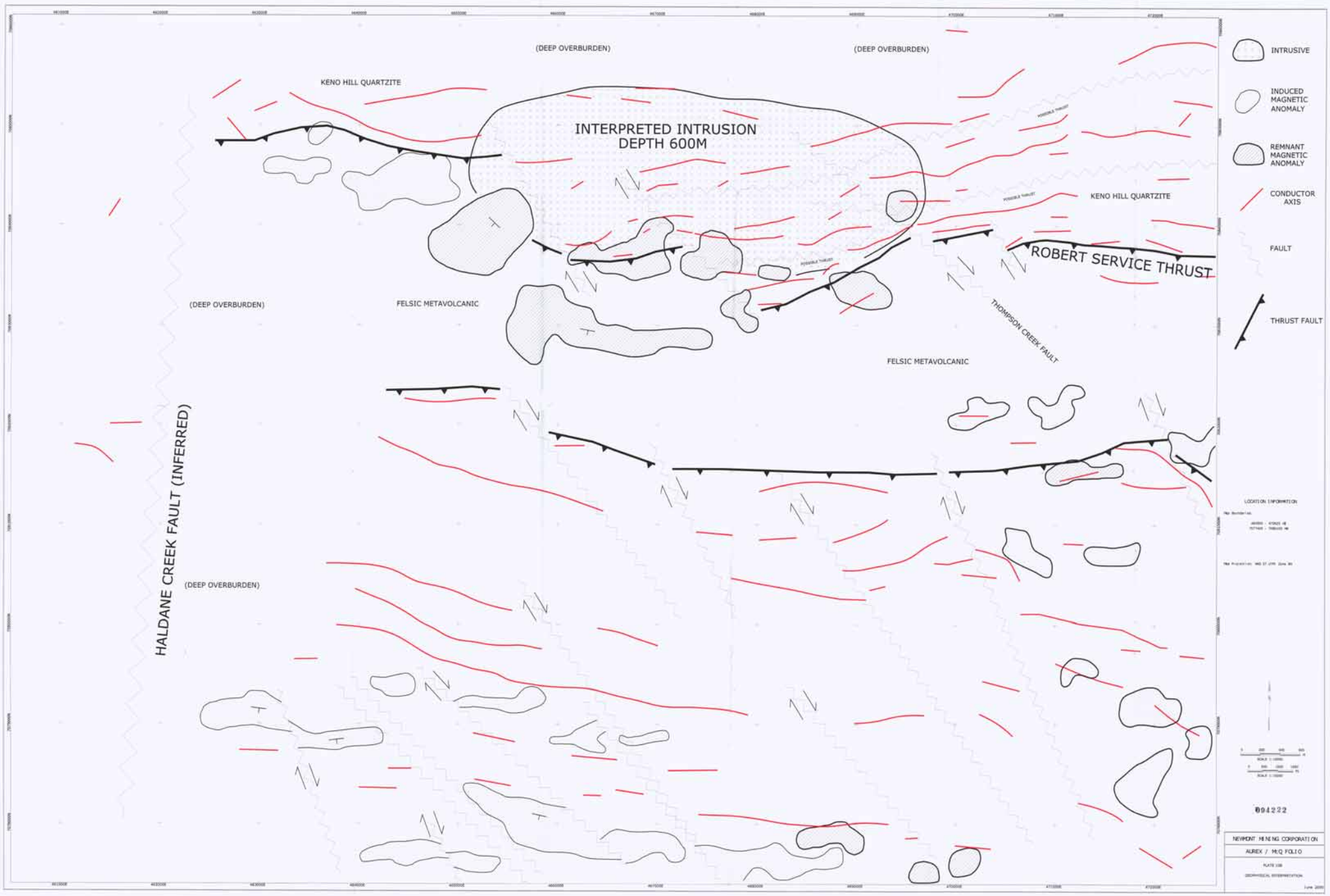
694222

NEWMONT MINING CORPORATION

DUNCAN CREEK FOLIO

PLATE 8C
HORIZONTAL GRADIENT MAGNETIC SURVEY
1st Vertical Derivative


KENO HILL QUARTZITE
BURIED INTRUSION
KENO HILL QUARTZITE
KENO HILL QUARTZITE
ROBERT SERVICE THRUST
BURIED INTRUSION
FELSIC METAVOLCANIC
FELSIC METAVOLCANIC
INTRUSIVE
REMNANT MAGNETIC ANOMALY
INDUCED MAGNETIC ANOMALY
CONDUCTOR AXIS
FAULT
THRUST FAULT
LOCATION INFORMATION
004222
NEWMONT MINING CORPORATION
DUNCAN CREEK FOLIO


(DEEP OVERBURDEN)
(DEEP OVERBURDEN)
KENO HILL QUARTZITE
INTERPRETED INTRUSION
DEPTH 600M
KENO HILL QUARTZITE
ROBERT SERVICE THRUST
(DEEP OVERBURDEN)
FELSIC METAVOLCANIC
THOMPSON CREEK FAULT
FELSIC METAVOLCANIC
HALDANE CREEK FAULT (INFERRED)
(DEEP OVERBURDEN)
INTRUSIVE
INDUCED MAGNETIC ANOMALY
REMNANT MAGNETIC ANOMALY
CONDUCTOR AXIS
FAULT
THRUST FAULT
LOCATION INFORMATION
094222
NEWMONT MINING CORPORATION
AUREX / MLQ FOLIO

0126-03760
094222
V2

VOLUME II

2000 GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL AND TRENCHING ASSESSMENT REPORT ON THE AUREX PROJECT

094222

Comprising the Following Claims:

Nis 1-75
Fisher 23-67
Rex 1-14 & 23-49
Aurex 1-34 & 51-171
Sin 1-11, 13-33, 35, 37, 39 & 40

Located in the Mount Haldane - Keno Hill Area
Mayo Mining District
Yukon Territory, Canada

NTS 105 M-13, 105 M-14

63° 52' N Latitude

135° 35' W Longitude

-prepared for-

NEWMONT EXPLORATION OF CANADA LTD

Denver, Colorado

-prepared by-

ARGONAUT GOLD ODYSSEY INC.
Nadia M. Caira, P.Geo.
and
M.A. STAMMERS EXPLORATION MANAGEMENT INC.
M. A. Stammers, P.Geo.

Dates Work Performed: July 1 to August 31, 2000
Date of Report: January 2001

2000 GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL AND TRENCHING ASSESSMENT REPORT ON THE AUREX PROJECT

TABLE OF CONTENTS ***in*** **VOLUME I**

2000 GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL AND TRENCHING ASSESSMENT REPORT ON THE AUREX PROJECT

TABLE OF CONTENTS (Continued) ***in*** **VOLUME I**

2000 GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL AND TRENCHING ASSESSMENT REPORT ON THE AUREX PROJECT

TABLE OF CONTENTS (Continued) ***in*** **VOLUME I** **Page**

APPENDICES ***in*** **VOLUME I**

LIST OF TABLES **VOLUME I** **Page**

2000 GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL AND TRENCHING ASSESSMENT REPORT ON THE AUREX PROJECT

LIST OF FIGURES ***in*** **VOLUME I**

LIST OF PLATES ***in*** **VOLUME I**

2000 GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL AND TRENCHING ASSESSMENT REPORT ON THE AUREX PROJECT

LIST OF PLATES *in* VOLUME II

MCQUESTEN

MCQUESTEN

MCQUESTEN

AUREX

Thompson Creek

Youth Creek

Haldane Creek

Corkery Creek

Fortune Creek

Silver Trail Highway

Corkery Creek

Field Creek

Burn, Boulderry till

Boulderry glacial till

Field Hill

TRENCH MQ00-1

TRENCH AX00-1

TRENCH AX00-5

TRENCH AX00-6

QZT

QZT/PHY

SCH/QZT

QZ_MU-CH/PHY

QZ augen

SCH,MB interbed

QTZ,MU,SCH,PHY

gabbro

SI SCH (metavolc)

FE CO3#

LEGEND

SYMBOLS

Highway

Trail

Power Line

Trench

LITHOLOGY

Glacial till, glaciofluvial sediments, and alluvial plain sediments; unconsolidated and undifferentiated.

Quartz Eye Porphyry: beige/gray, aphanitic, thin sills and dikes, locally qtz/feldspar/± biotite porphyritic; intrusive suite also includes aplite dikes/sills; similar rock at Scheelite Dome returned 91-92 Ma dates.

Quartzite: light-dark gray, medium- thick bedded, vitreous, ± carbonaceous/graphitic, micaceous.

Phyllite: Silver/Black/Brown, thin relic bedding, ± carbon/graphite, muscovite-rich, rarely calcareous.

Schist: Brown/Gray/White, micaceous to quartz rich, strongly foliated, unit does not contain qtz augen as the quartz muscovite schist unit, rarely calcareous.

Quartz Muscovite Schist: Greenish white to light green-gray, wavey foliation, ± chlorite, unit commony contains 1-4mm clear to light blue quartz augen.

Marble: White to black, thin bedded to massive, medium-coarsely crystalline, bleached to carbonaceous, calcite veins.

Cale-Silicate Marble: Dark green, 0.1-5.0m horizons of thin-medium bedded calc-silicate rich marble, ± chlorite/actinolite/tremolite/diopside/mollite/dolomite, unit often contains pyrrhotite and/or arsenopyrite; silica-rich horizons.

45 Strike and dip of foliation (bedding)

Auger hole collar location with bedrock geology

Grid North

MAP AREA:
E: 460,000 - 478,000
N: 7,077,000 - 7,087,000
Z: 0 - 10000
UTM-8 NAD83
WTR 10M 13

094222

Scale 1:10,000

NEWMONT EXPLORATION OF CANADA LIMITED

AUREX PROJECT, YUKON TERRITORY, CANADA, MOUNT HALDANE AREA
MAYO MINING DISTRICT

PLATE 1

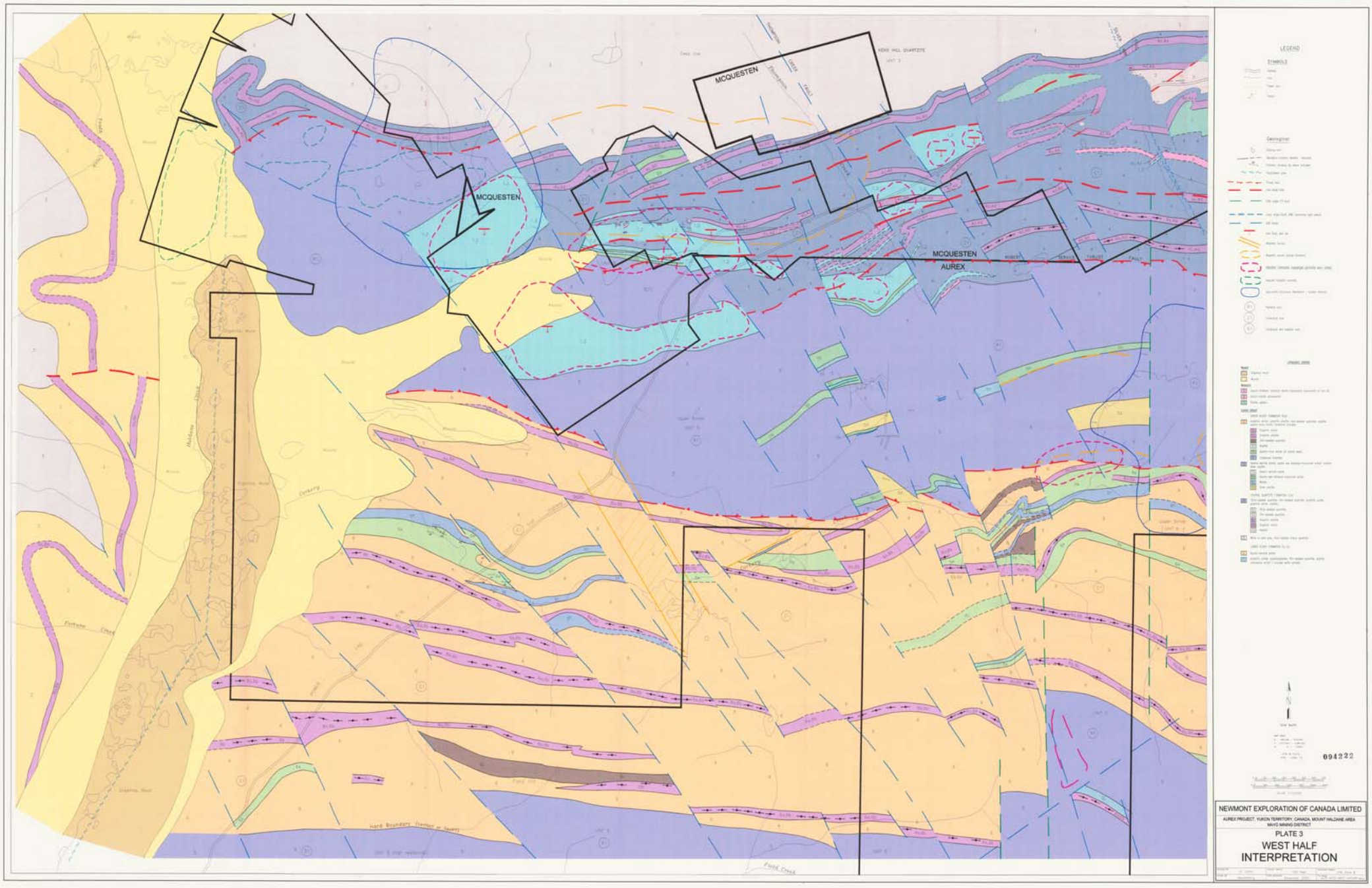
WEST HALF
FACTUAL GEOLOGY

Compiled By:	N. Calla	Contour Interval:	100 feet	Coordinate System:	UTM Zone 8
Drafted By:	Geodrafting	Date Generated:	December, 2000	File Name:	AUREX-MCQ-WEST-F-GEOL.dwg

NEWMONT EXPLORATION OF CANADA LIMITED

AUREX PROJECT, YUKON TERRITORY, CANADA, MOUNT HALDANE AREA
MAYO MINING DISTRICT

PLATE 2 094223
WEST HALF
ALTERATION AND MINERALIZATION

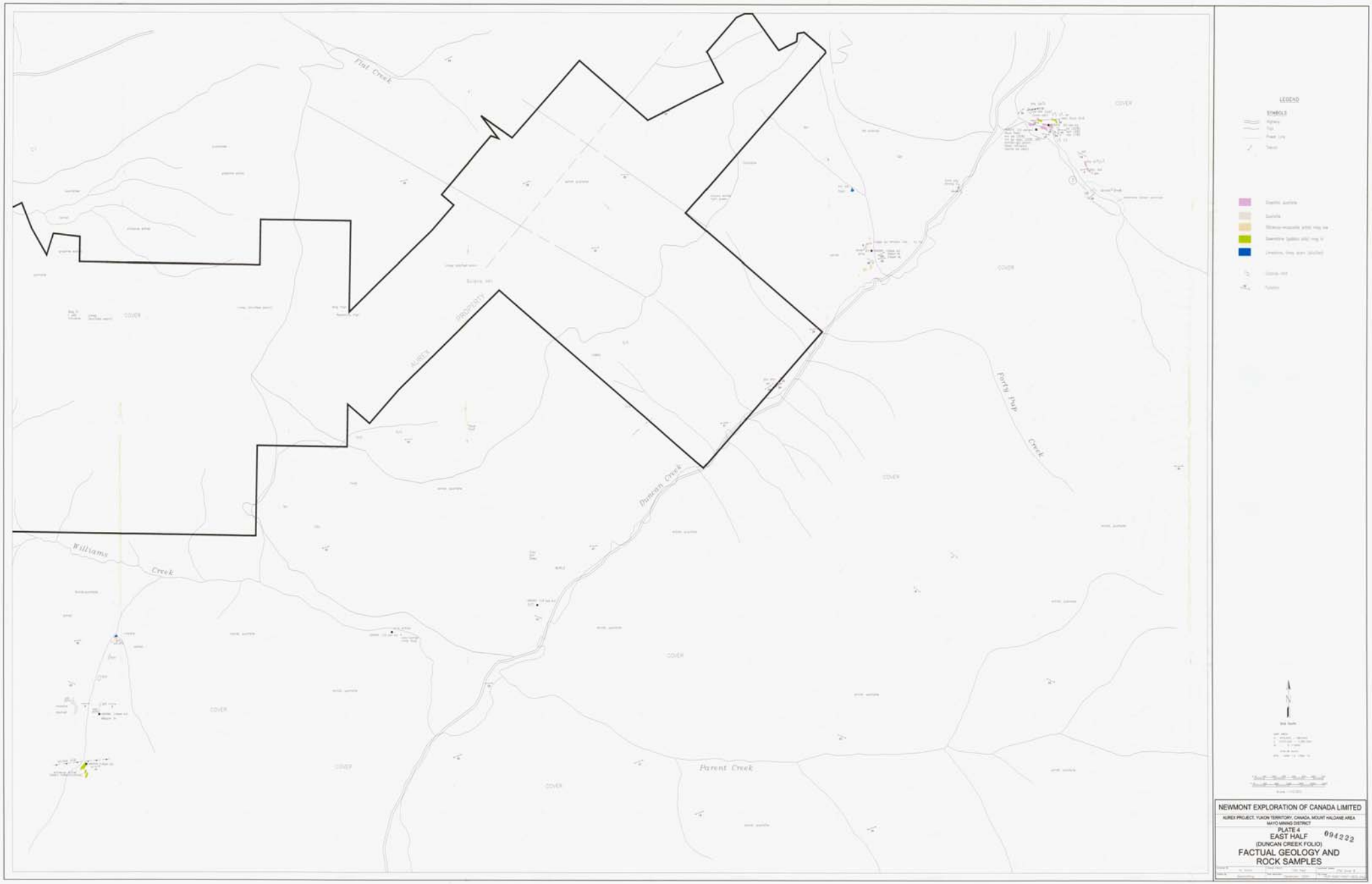


NEWMONT EXPLORATION OF CANADA LIMITED

AUREX PROJECT, YUKON TERRITORY, CANADA, MOUNT HALDANE AREA
MAYO MINING DISTRICT

PLATE 3

WEST HALF INTERPRETATION



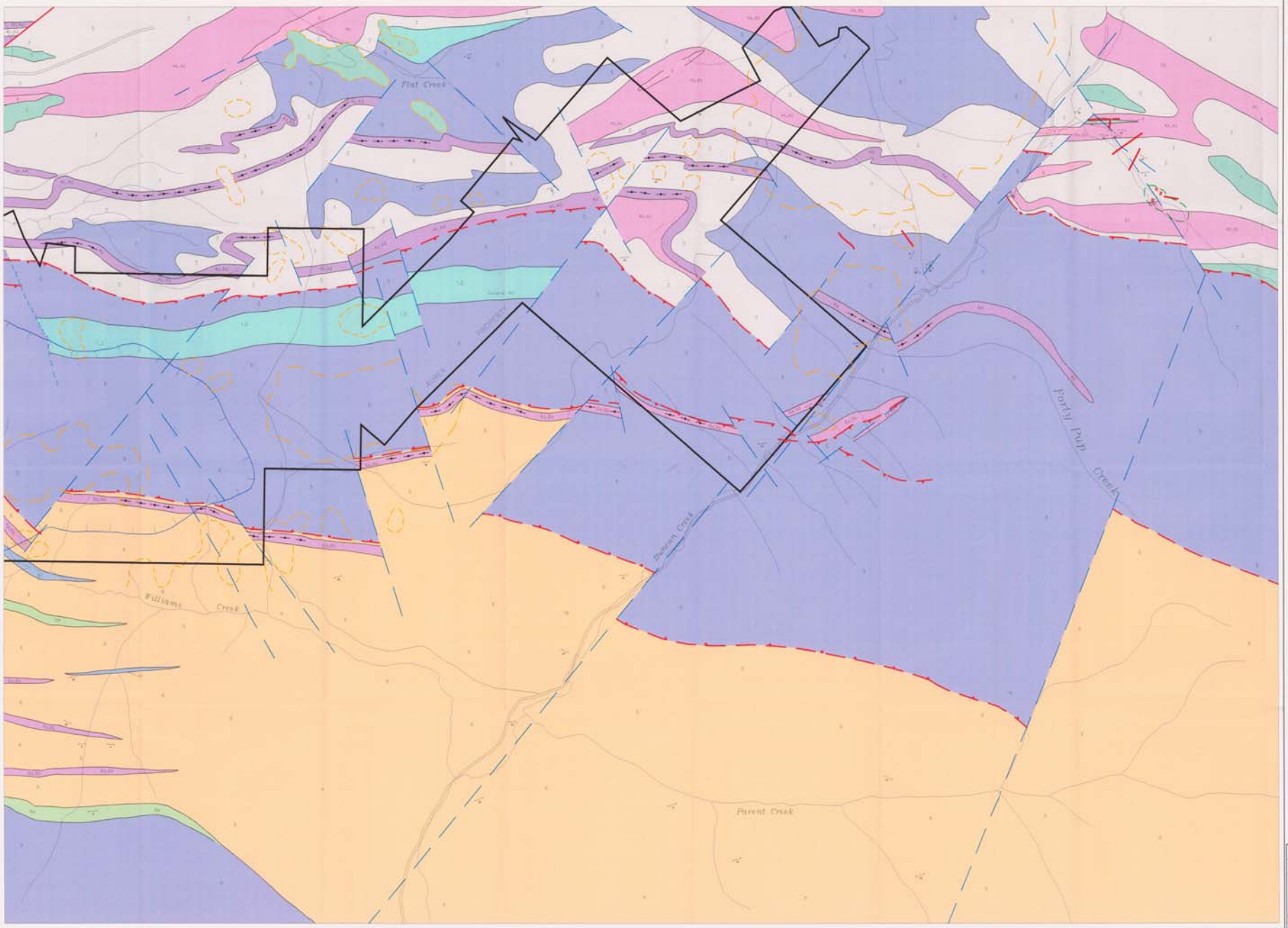
NEWMONT EXPLORATION OF CANADA LIMITED

AUREX PROJECT, YUKON TERRITORY, CANADA, MOUNT HALDANE AREA
MAYO MINING DISTRICT

PLATE 4
EAST HALF
(DUNCAN CREEK FOJO)

094222

FACTUAL GEOLOGY AND
ROCK SAMPLES



NEWMONT EXPLORATION OF CANADA LIMITED

AUREX PROJECT, YUKON TERRITORY, CANADA, MOUNT HALDANE AREA
MAYO MINING DISTRICT

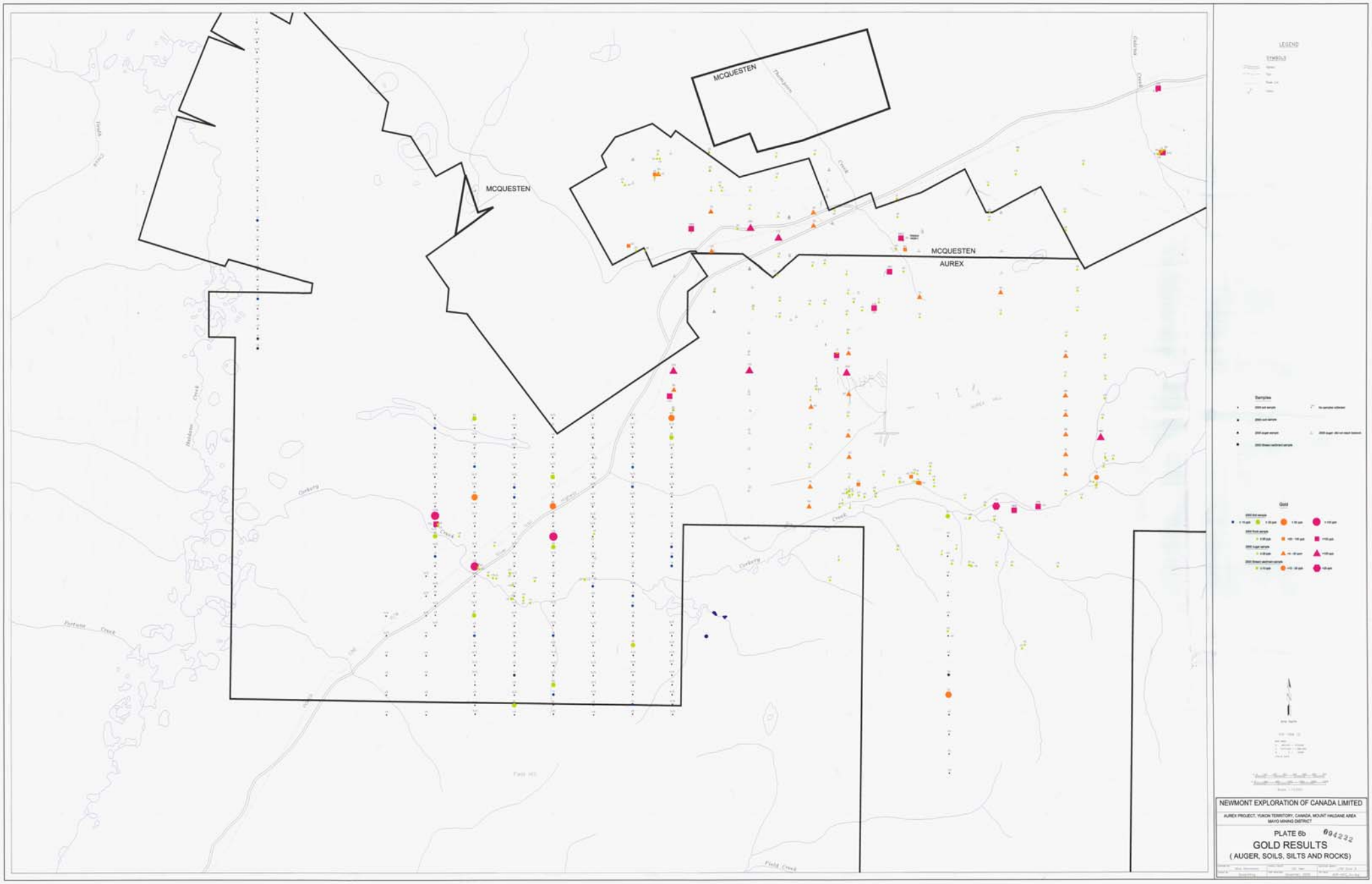
PLATE 5

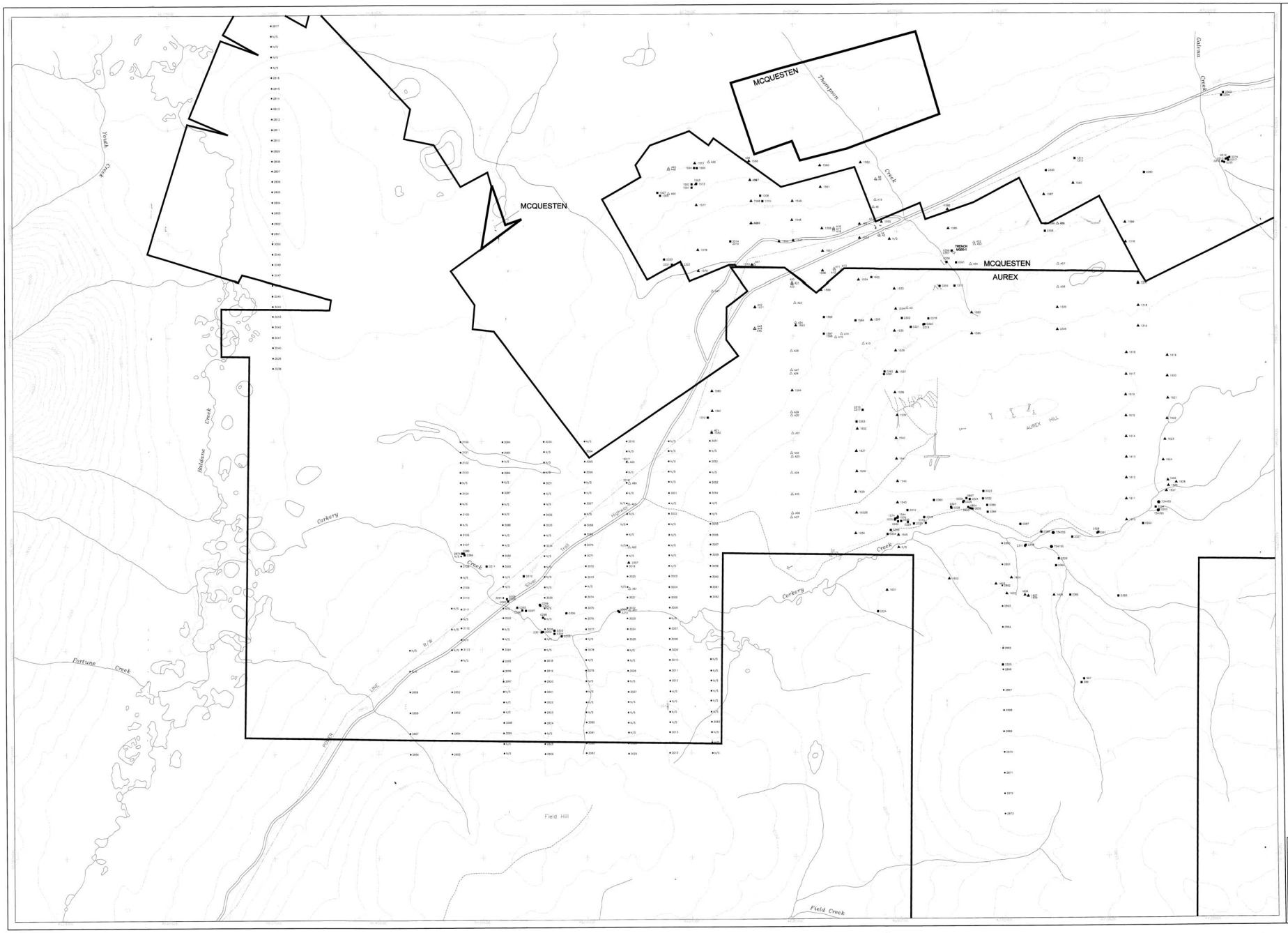
EAST HALF

(DUNCAN CREEK FOLIO)

INTERPRETATION

094222


MCQUESTEN
MCQUESTEN
MCQUESTEN
AUREX
LEGEND
SYMBOLS
Samples
Gold
NEWMONT EXPLORATION OF CANADA LIMITED
AUREX PROJECT, YUKON TERRITORY, CANADA, MOUNT HALDANE AREA
MAYO MINING DISTRICT
PLATE 6b
694232
GOLD RESULTS
(AUGER, SOILS, SILTS AND ROCKS)



LEGEND

SYMBOLS

Highway
Trail
Power Line
Trench

Samples

2000 soil sample
No samples collected
2000 rock sample
2000 auger sample
2000 Stream sediment sample

Grid North

NTS 105M 13

Scale 1:10,000

NEWMONT EXPLORATION OF CANADA LIMITED

AUREX PROJECT, YUKON TERRITORY, CANADA, MOUNT HALDANE AREA
MAYO MINING DISTRICT

094222

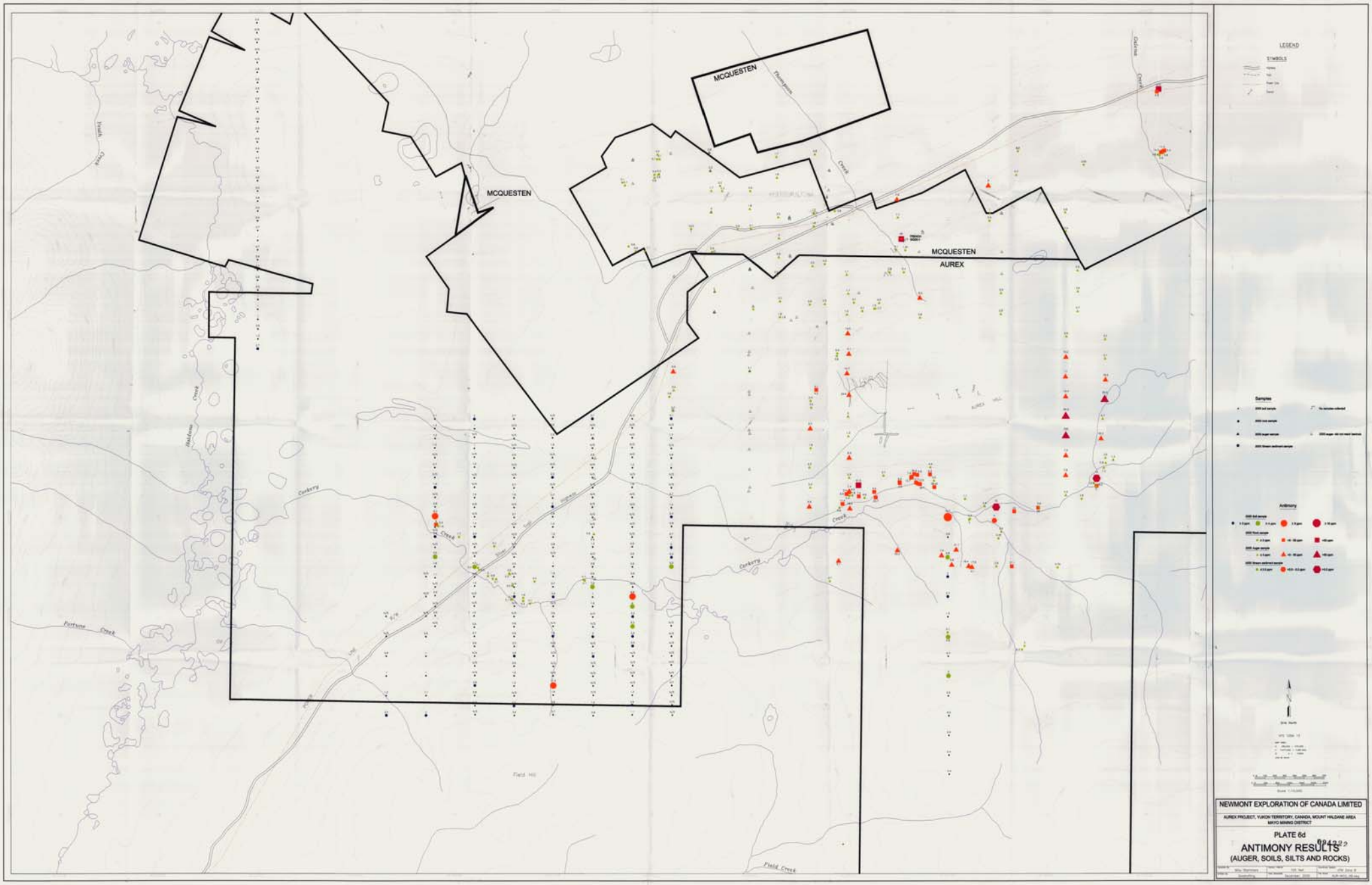
PLATE 6a

SAMPLE LOCATION MAP

(AUGER, SOILS, SILTS AND ROCKS)

Drawn By:	Wes Stammers	Contour Interval: 100 feet	Grid: UTM Zone 8
Edited By:	Geophoto	Date Completed: December, 2000	File: 6a_MCQ_SAMPLE+ALT.dwg


MCQUESTEN
MCQUESTEN
MCQUESTEN
AUREX
Thompson Creek
Roberts Creek
Duck Creek
Haldane Creek
Corkery Creek
Corkery
Pothole Creek
Field Creek
LEGEND
SYMBOLS
Samples
Arsenic
NEWMONT EXPLORATION OF CANADA LIMITED
AUREX PROJECT, YUKON TERRITORY, CANADA, MOUNT HALDANE AREA
MAYO MINING DISTRICT
PLATE 6c
694223
ARSENIC RESULTS
(AUGER, SOILS, SILTS AND ROCKS)



NEWMONT EXPLORATION OF CANADA LIMITED

AUREX PROJECT, YUKON TERRITORY, CANADA, MOUNT HALDANE AREA
MAYO MINING DISTRICT

PLATE 6d

ANTIMONY RESULTS
(AUGER, SOILS, SILTS AND ROCKS)

M. A. STAMMERS EXPLORATION MANAGEMENT INC.
941 Kennedy Avenue, North Vancouver, BC Canada V7R 1L4
Tel.: (604) 980-6102 • Fax: (604) 980-6103
E-mail: mikestammers@hotmail.com
or: mikestammers@telus.net

SENT BY FAX: (867) 996-2617 12 pages

December 8, 2000

Mayo District Mining Recorder
Box 10
Mayo, Yukon
Y0B 1M0

Re: Detailed Work Sheet, Assessment Filing- Aurex Claim Group

Dear Chad:

Hiya Chad! Please find attached my detailed work sheets used to determine the value of work performed on each claim. Soil geochemistry has been valued at $140.55/sample, geological mapping and rock sampling at $544.69/sample, linecutting at $2332.10/km, trenching at $207.99/sample and auger drill geochemistry at $704.50/sample. The cost assigned to airborne geophysical surveys for both the Aurex and McQuesten projects is given on the application for work.

Should you require any further information please give me a call.

Yours truly,
M. A. Stammers Exploration Management Inc.

Mike Stammers, P.Geo.
Project Manager

094222

Extended Page

MCQUESTEN PROJECT, ASSESSMENT FILING SUMMARY -NOV. 2000

Claim Name	Claim Number	Record Number	Record Date	Expiry Date	Pending Expiry Date	Application Checked	Airborne	Total	Registered Owner
DOUG	1	YB28942	04-Sep-92	04-Mar-12	04-Mar-14	OK	$236.78	$236.78	Eagle Plains Resources Ltd
DOUG	2	YB28943	04-Sep-92	04-Mar-12	04-Mar-14	OK	$236.78	$236.78	Eagle Plains Resources Ltd.
DOUG	3	YB28944	04-Sep-92	04-Mar-12	04-Mar-14	OK	$236.78	$236.78	Eagle Plains Resources Ltd.
DOUG	4	YB28945	04-Sep-92	04-Mar-12	04-Mar-14	OK	$236.78	$236.78	Eagle Plains Resources Ltd
DOUG	5	YB28998	25-Sep-92	04-Mar-12	04-Mar-14	OK	$236.78	$236.78	Eagle Plains Resources Ltd.
DOUG	6	YB28999	25-Sep-92	04-Mar-12	04-Mar-14	OK	$236.78	$236.78	Eagle Plains Resources Ltd.
DOUG	7	YB29000	25-Sep-92	04-Mar-12	04-Mar-14	OK	$236.78	$236.78	Eagle Plains Resources Ltd
DOUG	8	YB29001	25-Sep-92	04-Mar-12	04-Mar-14	OK	$236.78	$236.78	Eagle Plains Resources Ltd.
MARY	1	YB29002	25-Sep-92	04-Mar-09	04-Mar-11	OK	$236.78	$236.78	Eagle Plains Resources Ltd.
MARY	2	YB29003	25-Sep-92	04-Mar-09	04-Mar-11	OK	$236.78	$236.78	Eagle Plains Resources Ltd
MARY	3	YB29004	25-Sep-92	04-Mar-12	04-Mar-14	OK	$236.78	$236.78	Eagle Plains Resources Ltd.
MARY	4	YB29005	25-Sep-92	04-Mar-09	04-Mar-11	OK	$236.78	$236.78	Eagle Plains Resources Ltd.
MARY	5f	YB29393	18-Nov-92	04-Mar-12	04-Mar-14	OK	$236.78	$236.78	Eagle Plains Resources Ltd.
MARY	6	YB29394	18-Nov-92	04-Mar-09	04-Mar-11	OK	$236.78	$236.78	Eagle Plains Resources Ltd.
DOUG	9f	YB29395	18-Nov-92	04-Mar-12	04-Mar-14	OK	$236.78	$236.78	Eagle Plains Resources Ltd.
JARRET	1	YB29440	18-Dec-92	04-Mar-12	04-Mar-14	OK	$236.78	$236.78	Eagle Plains Resources Ltd.
LAKEHEAD	1	YB64184	28-Jun-95	04-Mar-12	04-Mar-14	OK	$236.78	$236.78	Archer, Cathro & Associates Ltd.
LAKEHEAD	2	YB64185	28-Jun-95	04-Mar-09	04-Mar-11	OK	$236.78	$236.78	Archer, Cathro & Associates Ltd.
LAKEHEAD	5	YB64186	28-Jun-95	04-Mar-09	04-Mar-11	OK	$236.78	$236.78	Archer, Cathro & Associates Ltd
LAKEHEAD	6	YB64187	28-Jun-95	04-Mar-09	04-Mar-11	OK	$236.78	$236.78	Archer, Cathro & Associates Ltd.
LAKEHEAD	7	YB64188	28-Jun-95	04-Mar-09	04-Mar-11	OK	$236.78	$236.78	Archer, Cathro & Associates Ltd
LAKEHEAD	8	YB64189	28-Jun-95	04-Mar-09	04-Mar-11	OK	$236.78	$236.78	Archer, Cathro & Associates Ltd.
LAKEHEAD	9	YB64190	28-Jun-95	04-Mar-09	04-Mar-11	OK	$236.78	$236.78	Archer, Cathro & Associates Ltd.
LAKEHEAD	10	YB64191	28-Jun-95	04-Mar-09	04-Mar-11	OK	$236.78	$236.78	Archer, Cathro & Associates Ltd.
LAKEHEAD	3	YB64192	30-Jun-95	04-Mar-09	04-Mar-11	OK	$236.78	$236.78	Archer, Cathro & Associates Ltd.
LAKEHEAD	4	YB64193	30-Jun-95	04-Mar-09	04-Mar-11	OK	$236.78	$236.78	Archer, Cathro & Associates Ltd.
LAKEHEAD	11	YB64194	30-Jun-95	04-Mar-09	04-Mar-11	OK	$236.78	$236.78	Archer, Cathro & Associates Ltd.
LAKEHEAD	12	YB64195	30-Jun-95	04-Mar-09	04-Mar-11	OK	$236.78	$236.78	Archer, Cathro & Associates Ltd.
LAKEHEAD	13	YB64196	30-Jun-95	04-Mar-09	04-Mar-11	OK	$236.78	$236.78	Archer, Cathro & Associates Ltd
SOUTH F.	FRACTION	YC01212	06-Jul-98	04-Mar-09	04-Mar-11	OK	$236.78	$236.78	NOVA GOLD RESOURCES INC
JARRET	2	YC01768	30-Apr-99	30-Apr-01	30-Apr-03	OK	$236.78	$236.78	BERNIE KREFT
TWINS	7	YC01212	29-Dec-99	29-Dec-00	29-Dec-02	OK	$236.78	$236.78	CARL MICHAEL SCHULZE
HOITO	1	YC02323	29-Dec-99	29-Dec-00	29-Dec-02	OK	$236.78	$236.78	CARL MICHAEL SCHULZE
HOITO	2	YC02324	29-Dec-99	29-Dec-00	29-Dec-02	OK	$236.78	$236.78	CARL MICHAEL SCHULZE
HOITO	3	YC02325	29-Dec-99	29-Dec-00	29-Dec-02	OK	$236.78	$236.78	CARL MICHAEL SCHULZE
HOITO	4	YC02326	29-Dec-99	29-Dec-00	29-Dec-02	OK	$236.78	$236.78	CARL MICHAEL SCHULZE
HOITO	5	YC02327	29-Dec-99	29-Dec-00	29-Dec-02	OK	$236.78	$236.78	CARL MICHAEL SCHULZE
HOITO	6	YC02328	29-Dec-99	29-Dec-00	29-Dec-02	OK	$236.78	$236.78	CARL MICHAEL SCHULZE
HOITO	7	YC02329	29-Dec-99	29-Dec-00	29-Dec-02	OK	$236.78	$236.78	CARL MICHAEL SCHULZE
HOITO	8	YC02330	29-Dec-99	29-Dec-00	29-Dec-02	OK	$236.78	$236.78	CARL MICHAEL SCHULZE

AUREX PROJECT, ASSESSMENT FILING SUMMARY -NOV. 2000

Claim Name	Claim Number	Record Number	Record Date	Expiry Date	Pending Expiry Date	Group Number	Application OK	Soils	Rocks	Linecutting	Trenching	Auger	Airborne	Total	Registered Owner
SIN	1	YA39499	09-Apr-79	09-Apr-01	09-Apr-05	I	YES	6					$236.78	$1,080.08	Archer, Cathro & Associates Ltd.
SIN	2	YA39500	09-Apr-79	09-Apr-01	09-Apr-05	II	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	3	YA39501	09-Apr-79	09-Apr-01	09-Apr-05	I	YES	5					$236.78	$939.53	Archer, Cathro & Associates Ltd.
SIN	4	YA39502	09-Apr-79	09-Apr-01	09-Apr-05	II	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	5	YA39503	09-Apr-79	09-Apr-01	09-Apr-05	II	YES	1					$236.78	$377.33	Archer, Cathro & Associates Ltd.
SIN	6	YA39504	09-Apr-79	09-Apr-01	09-Apr-05	II	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	7	YA39505	09-Apr-79	09-Apr-01	09-Apr-05	II	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	8	YA39506	09-Apr-79	09-Apr-01	09-Apr-05	II	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	9	YA39507	09-Apr-79	09-Apr-01	09-Apr-05	II	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	10	YA39508	09-Apr-79	09-Apr-01	09-Apr-05	I	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	11	YA39509	09-Apr-79	09-Apr-01	09-Apr-05	I	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	13	YA39511	09-Apr-79	09-Apr-01	09-Apr-05	I	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	14	YA39512	09-Apr-79	09-Apr-01	09-Apr-05	I	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	15	YA39513	09-Apr-79	09-Apr-01	09-Apr-05	I	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	16	YA39514	09-Apr-79	09-Apr-01	09-Apr-05	I	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	17	YA39515	09-Apr-79	09-Apr-01	09-Apr-05	I	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	18	YA39516	09-Apr-79	09-Apr-01	09-Apr-05	I	YES	3					$236.78	$658.43	Archer, Cathro & Associates Ltd.
SIN	19	YA39517	09-Apr-79	09-Apr-01	09-Apr-05	I	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	20	YA39518	09-Apr-79	09-Apr-01	09-Apr-05	I	YES	4					$236.78	$798.98	Archer, Cathro & Associates Ltd.
SIN	21	YA39519	09-Apr-79	09-Apr-01	09-Apr-05	I	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	22	YA39520	09-Apr-79	09-Apr-01	09-Apr-05	I	YES	3					$236.78	$658.43	Archer, Cathro & Associates Ltd.
SIN	23	YA39521	09-Apr-79	09-Apr-01	09-Apr-05	I	YES	1					$236.78	$377.33	Archer, Cathro & Associates Ltd.
SIN	24	YA39522	09-Apr-79	09-Apr-01	09-Apr-05	I	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	25	YA39523	09-Apr-79	09-Apr-01	09-Apr-05	II	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	26	YA39524	09-Apr-79	09-Apr-01	09-Apr-05	III	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	27	YA39525	09-Apr-79	09-Apr-01	09-Apr-05	II	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	28	YA39526	09-Apr-79	09-Apr-01	09-Apr-05	III	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	29	YA39527	09-Apr-79	09-Apr-01	09-Apr-05	II	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	30	YA39528	09-Apr-79	09-Apr-01	09-Apr-05	III	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	31	YA39529	09-Apr-79	09-Apr-01	09-Apr-05	III	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	32	YA39530	09-Apr-79	09-Apr-01	09-Apr-05	III	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	33	YA39531	09-Apr-79	09-Apr-01	09-Apr-05	II	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	35	YA39533	09-Apr-79	09-Apr-01	09-Apr-05	III	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	37	YA39535	09-Apr-79	09-Apr-01	09-Apr-05	III	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	39	YA39537	09-Apr-79	09-Apr-01	09-Apr-05	III	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
SIN	40	YA39538	09-Apr-79	09-Apr-01	09-Apr-05	III	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	1	YB28429	21-Apr-92	10-Mar-04	10-Mar-08	XVII	YES					3	$236.78	$2,365.28	Archer, Cathro & Associates Ltd.

AUREX PROJECT, ASSESSMENT FILING SUMMARY -NOV. 2000

Claim Name	Claim Number	Record Number	Record Date	Expiry Date	Pending Expiry Date	Group Number	Application OK	Soils	Rocks	Linecutting	Trenching	Auger	Airborne	Total	Registered Owner
AUREX	2	YB28430	21-Apr-92	10-Mar-04	10-Mar-08	XVII	YES					2	$236.78	$1,655.78	Archer, Cathro & Associates Ltd.
AUREX	3	YB28431	21-Apr-92	10-Mar-04	10-Mar-08	XVII	YES					3	$236.78	$2,365.28	Archer, Cathro & Associates Ltd.
AUREX	4	YB28432	21-Apr-92	10-Mar-04	10-Mar-08	XVII	YES					4	$236.78	$3,074.78	Archer, Cathro & Associates Ltd.
AUREX	5	YB28433	21-Apr-92	10-Mar-04	10-Mar-08	XVII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	6	YB28434	21-Apr-92	10-Mar-04	10-Mar-08	XVII	YES		3			3	$236.78	$3,999.33	Archer, Cathro & Associates Ltd.
AUREX	7	YB28435	21-Apr-92	10-Mar-04	10-Mar-08	XVII	YES		1			4	$236.78	$3,619.47	Archer, Cathro & Associates Ltd.
AUREX	8	YB28436	21-Apr-92	10-Mar-04	10-Mar-08	XVII	YES		1			3	$236.78	$2,909.97	Archer, Cathro & Associates Ltd.
AUREX	9	YB28437	21-Apr-92	10-Mar-04	10-Mar-08	XVII	YES		2				$236.78	$1,326.16	Archer, Cathro & Associates Ltd.
AUREX	10	YB28438	21-Apr-92	10-Mar-04	10-Mar-08	XVII	YES		3				$236.78	$1,870.85	Archer, Cathro & Associates Ltd.
AUREX	11	YB28439	21-Apr-92	10-Mar-04	10-Mar-08	XVII	YES			0.34		1	$236.78	$1,739.19	Archer, Cathro & Associates Ltd.
AUREX	12	YB28440	21-Apr-92	10-Mar-04	10-Mar-08	XVII	YES			0.455		1	$236.78	$2,207.39	Archer, Cathro & Associates Ltd.
AUREX	13	YB28441	21-Apr-92	10-Mar-04	10-Mar-08	XVI	YES					2	$236.78	$1,655.78	Archer, Cathro & Associates Ltd.
AUREX	14	YB28442	21-Apr-92	10-Mar-04	10-Mar-08	XVI	YES					1	$236.78	$946.28	Archer, Cathro & Associates Ltd.
AUREX	15	YB28443	21-Apr-92	10-Mar-04	10-Mar-08	XVI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	16	YB28444	21-Apr-92	10-Mar-04	10-Mar-08	XVI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	17	YB28445	21-Apr-92	10-Mar-04	10-Mar-08	XIV	YES					2	$236.78	$1,655.78	Archer, Cathro & Associates Ltd.
AUREX	18	YB28446	21-Apr-92	10-Mar-04	10-Mar-08	XIV	YES					2	$236.78	$1,655.78	Archer, Cathro & Associates Ltd.
AUREX	19	YB28447	21-Apr-92	10-Mar-04	10-Mar-08	XIV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	20	YB28448	21-Apr-92	10-Mar-04	10-Mar-08	XVI	YES					1	$236.78	$946.28	Archer, Cathro & Associates Ltd.
AUREX	21	YB28449	21-Apr-92	10-Mar-04	10-Mar-08	XV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	22	YB28450	21-Apr-92	10-Mar-04	10-Mar-08	XVI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	23	YB28451	21-Apr-92	10-Mar-04	10-Mar-08	XVI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	24	YB28452	21-Apr-92	10-Mar-04	10-Mar-08	XVI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	25	YB28453	21-Apr-92	10-Mar-04	10-Mar-08	XVI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	26	YB28454	21-Apr-92	10-Mar-04	10-Mar-08	XVI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	27	YB28455	21-Apr-92	10-Mar-04	10-Mar-08	XIV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	28	YB28456	21-Apr-92	10-Mar-04	10-Mar-08	XVI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	29	YB28457	21-Apr-92	10-Mar-04	10-Mar-08	XIV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	30	YB28458	21-Apr-92	10-Mar-04	10-Mar-08	XII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	31	YB28459	21-Apr-92	10-Mar-04	10-Mar-08	XIV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	32	YB28460	21-Apr-92	10-Mar-04	10-Mar-08	XII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	33	YB28461	21-Apr-92	10-Mar-04	10-Mar-08	XIV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	34	YB28462	21-Apr-92	10-Mar-04	10-Mar-08	XII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	51	YB28465	21-Apr-92	10-Mar-04	10-Mar-08	XVII	YES					1	$236.78	$946.28	Archer, Cathro & Associates Ltd.
AUREX	52	YB28466	21-Apr-92	10-Mar-04	10-Mar-08	XVII	YES	1	1	0.455		3	$236.78	$4,1[illegible]1.63	Archer, Cathro & Associates Ltd.
AUREX	53	YB28467	21-Apr-92	10-Mar-04	10-Mar-08	XVII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	54	YB28468	21-Apr-92	10-Mar-04	10-Mar-08	XVII	YES			0.455			$236.78	$1,297.89	Archer, Cathro & Associates Ltd.

AUREX PROJECT, ASSESSMENT FILING SUMMARY -NOV. 2000

Claim Name	Claim Number	Record Number	Record Date	Expiry Date	Pending Expiry Date	Group Number	Application OK	Soils	Rocks	Linecutting	Trenching	Auger	Airborne	Total	Registered Owner
AUREX	55	YB28469	21-Apr-92	10-Mar-04	10-Mar-08	XVIII	YES					3	$236.78	$2,365.28	Archer, Cathro & Associates Ltd.
AUREX	56	YB28470	21-Apr-92	10-Mar-04	10-Mar-08	XVIII	YES			0.455		5	$236.78	$4,845.39	Archer, Cathro & Associates Ltd.
AUREX	57	YB28471	21-Apr-92	10-Mar-04	10-Mar-08	XVIII	YES		2		7	0	$236.78	$2,782.09	Archer, Cathro & Associates Ltd.
AUREX	58	YB28472	21-Apr-92	10-Mar-04	10-Mar-08	XVIII	YES		1	0.455	4	2	$236.78	$4,093.54	Archer, Cathro & Associates Ltd.
AUREX	59	YB28473	21-Apr-92	10-Mar-04	10-Mar-08	XVIII	YES		2		17	3	$236.78	$6,990.49	Archer, Cathro & Associates Ltd.
AUREX	60	YB28474	21-Apr-92	10-Mar-04	10-Mar-08	XVIII	YES			0.455	28	2	$236.78	$8,540.61	Archer, Cathro & Associates Ltd.
AUREX	61	YB28475	21-Apr-92	10-Mar-04	10-Mar-08	XVIII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	62	YB28476	21-Apr-92	10-Mar-04	10-Mar-08	XVIII	YES			0.455			$236.78	$1,297.89	Archer, Cathro & Associates Ltd.
AUREX	63	YB28477	21-Apr-92	10-Mar-04	10-Mar-08	XVIII	YES			0.455			$236.78	$1,297.89	Archer, Cathro & Associates Ltd.
AUREX	64	YB28478	21-Apr-92	10-Mar-04	10-Mar-08	XVIII	YES			0.505			$236.78	$1,414.49	Archer, Cathro & Associates Ltd.
AUREX	65	YB28479	21-Apr-92	10-Mar-04	10-Mar-08	XVIII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	66	YB28480	21-Apr-92	10-Mar-04	10-Mar-08	XVIII	YES			0.455			$236.78	$1,297.89	Archer, Cathro & Associates Ltd.
AUREX	67	YB28481	21-Apr-92	10-Mar-04	10-Mar-08	XVI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	68	YB28482	21-Apr-92	10-Mar-04	10-Mar-08	XVIII	YES			0.455			$236.78	$1,297.89	Archer, Cathro & Associates Ltd.
AUREX	69	YB28483	21-Apr-92	10-Mar-04	10-Mar-08	XVI	YES					2	$236.78	$1,655.78	Archer, Cathro & Associates Ltd.
AUREX	70	YB28484	21-Apr-92	10-Mar-04	10-Mar-08	XVIII	YES			0.455		3	$236.78	$3,423.33	Archer, Cathro & Associates Ltd.
AUREX	71	YB28485	21-Apr-92	10-Mar-04	10-Mar-08	XVI	YES					2	$236.78	$1655.78	Archer, Cathro & Associates Ltd.
AUREX	72	YB28486	21-Apr-92	10-Mar-04	10-Mar-08	XII	YES			0.455		3	$236.78	$3,426.39	Archer, Cathro & Associates Ltd.
AUREX	73	YB28487	21-Apr-92	10-Mar-04	10-Mar-08	XII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	74	YB28488	21-Apr-92	10 Mar-04	10-Mar-08	XV	YES			0.455			$236.78	$1,297.89	Archer, Cathro & Associates Ltd.
AUREX	75	YB28489	21-Apr-92	10-Mar-04	10-Mar-08	XII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	76	YB28490	21-Apr-92	10-Mar-04	10-Mar-08	XV	YES			0.455			$236.78	$1,297.89	Archer, Cathro & Associates Ltd.
AUREX	77	YB28491	21-Apr-92	10-Mar-04	10-Mar-08	XII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	78	YB28492	21-Apr-92	10-Mar-04	10-Mar-08	XV	YES			0.455			$236.78	$1,297.89	Archer, Cathro & Associates Ltd.
AUREX	79	YB28493	21-Apr-92	10-Mar-04	10-Mar-08	XI	YES			0.2			$236.78	$703.20	Archer, Cathro & Associates Ltd.
AUREX	80	YB28494	21-Apr-92	10-Mar-04	10-Mar-08	XIII	YES			0.255			$236.78	$831.47	Archer, Cathro & Associates Ltd.
AUREX	81	YB28495	21-Apr-92	10-Mar-04	10-Mar-08	XIII	YES			0.455			$236.78	$1,297.89	Archer, Cathro & Associates Ltd.
AUREX	82	YB28496	21-Apr-92	10-Mar-04	10-Mar-08	XIII	YES			0			$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	83	YB28497	21-Apr-92	10-Mar-04	10-Mar-08	XII	YES			0.455			$236.78	$1,297.89	Archer, Cathro & Associates Ltd.
AUREX	84	YB28498	21-Apr-92	10-Mar-04	10-Mar-08	XII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	85	YB28499	21-Apr-92	10-Mar-04	10-Mar-08	XIII	YES			0.35			$236.78	$1,053.02	Archer, Cathro & Associates Ltd.
AUREX	86	YB28500	21-Apr-92	10-Mar-04	10-Mar-08	XIII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	87	YB29366	21-Oct-92	10-Mar-04	10-Mar-08	XIX	YES	1		0.4			$236.78	$1,210.17	Archer, Cathro & Associates Ltd.
AUREX	88	YB29367	21-Oct-92	10-Mar-04	10-Mar-08	XIX	YES	1				2	$236.78	$1,796.33	Archer, Cathro & Associates Ltd.
AUREX	89	YB29368	21-Oct-92	10-Mar-04	10-Mar-08	VII	YES	1				1	$236.78	$1,086.83	Archer, Cathro & Associates Ltd.
AUREX	90	YB29369	21-Oct-92	10-Mar-04	10-Mar-08	XIX	YES	3					$236.78	$658.43	Archer, Cathro & Associates Ltd.
AUREX	91	YB29370	21-Oct-92	10-Mar-04	10-Mar-08	XIX	YES	3					$236.78	$658.43	Archer, Cathro & Associates Ltd.

AUREX PROJECT, ASSESSMENT FILING SUMMARY -NOV. 2000

Claim Name	Claim Number	Record Number	Record Date	Expiry Date	Pending Expiry Date	Group Number	Application OK	Soils	Rocks	Linecutting	Trenching	Auger	Airborne	Total	Registered Owner
AUREX	92	YB29371	21-Oct-92	10-Mar-04	10-Mar-08	XX	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	93	YB29372	21-Oct-92	10-Mar-04	10-Mar-08	XIX	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	94	YB29373	21-Oct-92	10-Mar-04	10-Mar-08	XIX	YES					2	$236.78	$1,655.78	Archer, Cathro & Associates Ltd.
AUREX	95	YB29374	21-Oct-92	10-Mar-04	10-Mar-08	XIX	YES					2	$236.78	$1,655.78	Archer, Cathro & Associates Ltd.
AUREX	96	YB29375	21-Oct-92	10-Mar-04	10-Mar-08	XIX	YES					2	$236.78	$1,655.78	Archer, Cathro & Associates Ltd.
AUREX	97	YB29376	21-Oct-92	10-Mar-04	10-Mar-08	XIX	YES					2	$236.78	$1,655.78	Archer, Cathro & Associates Ltd.
AUREX	98	YB29377	21-Oct-92	10-Mar-04	10-Mar-08	XIX	YES					2	$236.78	$1,655.78	Archer, Cathro & Associates Ltd.
AUREX	99	YB29378	21-Oct-92	10-Mar-04	10-Mar-08	XIX	YES		9			3	$236.78	$7,267.40	Archer, Cathro & Associates Ltd.
AUREX	100	YB29379	21-Oct-92	10-Mar-04	10-Mar-08	XX	YES		4				$236.78	$2,415.54	Archer, Cathro & Associates Ltd.
AUREX	101	YB29380	21-Oct-92	10-Mar-04	10-Mar-08	XX	YES		2		29		$236.78	$7,357.87	Archer, Cathro & Associates Ltd.
AUREX	102	YB29381	21-Oct-92	10-Mar-04	10-Mar-08	XX	YES		7				$236.78	$4,049.61	Archer, Cathro & Associates Ltd.
AUREX	103	YB29382	21-Oct-92	10-Mar-04	10-Mar-08	XX	YES	1	3				$236.78	$2,011.40	Archer, Cathro & Associates Ltd.
AUREX	104	YB29383	21-Oct-92	10-Mar-04	10-Mar-08	XX	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	105	YB29384	21-Oct-92	10-Mar-04	10-Mar-08	XI	YES		5				$236.78	$2,960.23	Archer, Cathro & Associates Ltd.
AUREX	106	YB29385	21-Oct-92	10-Mar-04	10-Mar-08	XX	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	107	YB29386	21-Oct-92	10-Mar-04	10-Mar-08	XX	YES		3				$236.78	$1,370.85	Archer, Cathro & Associates Ltd.
AUREX	108	YB29387	21-Oct-92	10-Mar-04	10-Mar-08	XX	YES					2	$236.78	$1,555.78	Archer, Cathro & Associates Ltd.
AUREX	109	YB29388	21-Oct-92	10-Mar-04	10-Mar-08	XX	YES		1			1	$236.78	$1,490.97	Archer, Cathro & Associates Ltd.
AUREX	110	YB29389	21-Oct-92	10-Mar-04	10-Mar-08	XX	YES		2			4	$236.78	$4,164.16	Archer, Cathro & Associates Ltd.
AUREX	111	YB29390	21-Oct-92	10-Mar-04	10-Mar-08	XI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	112	YB29391	21-Oct-92	10-Mar-04	10-Mar-08	XI	YES		1				$236.78	$731.47	Archer, Cathro & Associates Ltd.
AUREX	113	YB29392	21-Oct-92	10-Mar-04	10-Mar-08	XI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	114	YB29669	10-Mar-93	10-Mar-04	10-Mar-08	XI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	115	YB29670	10-Mar-93	10-Mar-04	10-Mar-08	XI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	116	YB29671	10-Mar-93	10-Mar-04	10-Mar-08	XI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	117	YB29672	10-Mar-93	10-Mar-04	10-Mar-08	XI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	118	YB29673	10-Mar-93	10-Mar-04	10-Mar-08	XI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	119	YB29674	10-Mar-93	10-Mar-04	10-Mar-08	XI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	120	YB29675	10-Mar-93	10-Mar-04	10-Mar-08	XI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	121	YB29676	10-Mar-93	10-Mar-04	10-Mar-08	XI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	122	YB29677	10-Mar-93	10-Mar-04	10-Mar-08	XI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	123	YB29678	10-Mar-93	10-Mar-04	10-Mar-08	X	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	124	YB29679	10-Mar-93	10-Mar-04	10-Mar-08	X	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	125	YB29680	10-Mar-93	10-Mar-04	10-Mar-08	X	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	126	YB29681	10-Mar-93	10-Mar-04	10-Mar-08	X	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	127	YB29682	10-Mar-93	10-Mar-04	10-Mar-08	X	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	128	YB29683	10-Mar-93	10-Mar-04	10-Mar-08	X	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.

AUREX PROJECT, ASSESSMENT FILING SUMMARY -NOV. 2000

Claim Name	Claim Number	Record Number	Record Date	Expiry Date	Pending Expiry Date	Group Number	Application OK	Soils	Rocks	Linecutting	Trenching	Auger	Airborne	Total	Registered Owner
AUREX	129	YB29684	10-Mar-93	10-Mar-04	10-Mar-08	X	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd
AUREX	130	YB29685	10-Mar-93	10-Mar-04	10-Mar-08	X	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	131	YB29686	10-Mar-93	10-Mar-04	10-Mar-08	IX	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	132	YB29687	10-Mar-93	10-Mar-04	10-Mar-08	X	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	133	YB29688	10-Mar-93	10-Mar-04	10-Mar-08	X	YES					4	$236.78	$3,074.78	Archer, Cathro & Associates Ltd.
AUREX	134	YB29689	10-Mar-93	10-Mar-04	10-Mar-08	X	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	135	YB29690	10-Mar-93	10-Mar-04	10-Mar-08	XI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	136	YB29691	10-Mar-93	10-Mar-04	10-Mar-08	X	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	137	YB29692	10-Mar-93	10-Mar-04	10-Mar-08	XI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	138	YB29693	10-Mar-93	10-Mar-04	10-Mar-08	X	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	139	YB29694	10-Mar-93	10-Mar-04	10-Mar-08	X	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	140	YB29695	10-Mar-93	10-Mar-04	10-Mar-08	IX	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	141	YB29696	10-Mar-93	10-Mar-04	10-Mar-08	X	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	142	YB29697	10-Mar-93	10-Mar-04	10-Mar-08	IX	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	143	YB29698	10-Mar-93	10-Mar-04	10-Mar-08	IX	YES						$236.78	$236.78	Archer Cathro & Associates Ltd
AUREX	144	YB29699	10-Mar-93	10-Mar-04	10-Mar-08	IX	YES						$236.78	$236.78	Archer Cathro & Associates Ltd.
AUREX	145	YB29700	10-Mar-93	10-Mar-04	10-Mar-08	IX	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	146	YB29701	10-Mar-93	10-Mar-04	10-Mar-08	IX	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	147	YB29702	10-Mar-93	10-Mar-04	10-Mar-08	IX	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	148	YB29703	10-Mar-93	10-Mar-04	10-Mar-08	IX	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	149	YB29704	10-Mar-93	10-Mar-04	10-Mar-08	IX	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	150	YB29705	10-Mar-93	10-Mar-04	10-Mar-08	IX	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	151	YB29706	10-Mar-93	10-Mar-04	10-Mar-08	IX	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	152	YB29707	10-Mar-93	10-Mar-04	10-Mar-08	VIII	YES		1			2	$236.78	$2,200.47	Archer, Cathro & Associates Ltd.
AUREX	153	YB29708	10-Mar-93	10-Mar-04	10-Mar-08	IX	YES	2				2	$236.78	$1,936.88	Archer, Cathro & Associates Ltd.
AUREX	154	YB29709	10-Mar-93	10-Mar-04	10-Mar-08	IX	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	155	YB29710	10-Mar-93	10-Mar-04	10-Mar-08	VIII	YES	3					$236.78	$658.43	Archer, Cathro & Associates Ltd.
AUREX	156	YB29711	10-Mar-93	10-Mar-04	10-Mar-08	VIII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	157	YB29712	10-Mar-93	10-Mar-04	10-Mar-08	IX	YES	2	1				$236.78	$1,032.57	Archer, Cathro & Associates Ltd.
AUREX	158	YB29713	10-Mar-93	10-Mar-04	10-Mar-08	VIII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	159	YB29714	10-Mar-93	10-Mar-04	10-Mar-08	IX	YES	2	0				$236.78	$517.88	Archer, Cathro & Associates Ltd.
AUREX	160	YB29715	10-Mar-93	10-Mar-04	10-Mar-08	VIII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	161	YB29716	10-Mar-93	10-Mar-04	10-Mar-08	VIII	YES	3	0				$236.78	$658.43	Archer, Cathro & Associates Ltd.
AUREX	162	YB29717	10-Mar-93	10-Mar-04	10-Mar-08	VIII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	163	YB29718	10-Mar-93	10-Mar-04	10-Mar-08	VIII	YES	1	0				$236.78	$377.33	Archer, Cathro & Associates Ltd.
AUREX	164	YB29719	10-Mar-93	10-Mar-04	10-Mar-08	VIII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	165	YB29720	10-Mar-93	10-Mar-04	10-Mar-08	VIII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.

AUREX PROJECT, ASSESSMENT FILING SUMMARY -NOV. 2000

Claim Name	Claim Number	Record Number	Record Date	Expiry Date	Pending Expiry Date	Group Number	Application OK	Soils	Rocks	Linecutting	Trenching	Auger	Airborne	Total	Registered Owner
AUREX	166	YB29721	10-Mar-93	10-Mar-04	10-Mar-08	VIII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	167	YB29722	10-Mar-93	10-Mar-04	10-Mar-08	VIII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	168	YB29723	10-Mar-93	10-Mar-04	10-Mar-08	VIII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	169	YB29724	10-Mar-93	10-Mar-04	10-Mar-08	VII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	170	YB29725	10-Mar-93	10-Mar-04	10-Mar-08	VII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
AUREX	171	YB29726	10-Mar-93	10-Mar-04	10-Mar-08	VIII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	1	YC01589	06-Nov-98	06-Feb-01	06-Feb-05	VII	YES	3				1	$236.78	$1,367.93	Archer, Cathro & Associates Ltd.
NIS	2	YC01590	06-Nov-98	06-Feb-01	06-Feb-05	III	YES	6					$236.78	$1,789.58	Archer, Cathro & Associates Ltd.
NIS	3	YC01591	06-Nov-98	06-Feb-01	06-Feb-05	V	YES	3					$236.78	$658.43	Archer, Cathro & Associates Ltd.
NIS	4	YC01592	06-Nov-98	06-Feb-01	06-Feb-05	III	YES	1					$236.78	$377.33	Archer, Cathro & Associates Ltd.
NIS	5	YC01593	06-Nov-98	06-Feb-01	06-Feb-05	V	YES	1					$236.78	$377.33	Archer, Cathro & Associates Ltd.
NIS	6	YC01594	06-Nov-98	06-Feb-01	06-Feb-05	III	YES	2					$236.78	$517.88	Archer, Cathro & Associates Ltd.
NIS	7	YC01595	06-Nov-98	06-Feb-01	06-Feb-05	V	YES	3					$236.78	$658.43	Archer, Cathro & Associates Ltd.
NIS	8	YC01596	06-Nov-98	06-Feb-01	06-Feb-05	V	YES	3					$236.78	$658.43	Archer, Cathro & Associates Ltd.
NIS	9	YC01597	06-Nov-98	06-Feb-01	06-Feb-05	V	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	10	YC01598	06-Nov-98	06-Feb-01	06-Feb-05	IV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	11	YC01599	06-Nov-98	06-Feb-01	06-Feb-05	V	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	12	YC01600	06-Nov-98	06-Feb-01	06-Feb-05	IV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	13	YC01601	06-Nov-98	06-Feb-01	06-Feb-05	IV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	14	YC01602	06-Nov-98	06-Feb-01	06-Feb-05	IV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	15	YC01603	06-Nov-98	06-Feb-01	06-Feb-05	IV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	16	YC01604	06-Nov-98	06-Feb-01	06-Feb-05	IV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	17	YC01605	06-Nov-98	06-Feb-01	06-Feb-05	IV	YES	2		0.455			$236.78	$1,578.99	Archer, Cathro & Associates Ltd.
NIS	18	YC01606	06-Nov-98	06-Feb-01	06-Feb-05	III	YES			0			$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	19	YC01607	06-Nov-98	06-Feb-01	06-Feb-05	IV	YES	2		0.455			$236.78	$1,578.99	Archer, Cathro & Associates Ltd.
NIS	20	YC01608	06-Nov-98	06-Feb-01	06-Feb-05	IV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	21	YC01609	06-Nov-98	06-Feb-01	06-Feb-05	II	YES			0.455			$236.78	$1,297.89	Archer, Cathro & Associates Ltd.
NIS	22	YC01610	06-Nov-98	06-Feb-01	06-Feb-05	IV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	23	YC01611	06-Nov-98	06-Feb-01	06-Feb-05	II	YES			0.455			$236.78	$1,297.89	Archer, Cathro & Associates Ltd.
NIS	24	YC01612	06-Nov-98	06-Feb-01	06-Feb-05	II	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	25	YC01613	06-Nov-98	06-Feb-01	06-Feb-05	II	YES			0.455			$236.78	$1,297.89	Archer, Cathro & Associates Ltd.
NIS	26	YC01614	06-Nov-98	06-Feb-01	06-Feb-05	IV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	27	YC01615	06-Nov-98	06-Feb-01	06-Feb-05	IV	YES			0.22			$236.78	$749.84	Archer, Cathro & Associates Ltd.
NIS	28	YC01616	06-Nov-98	06-Feb-01	06-Feb-05	IV	YES	2					$236.78	$517.88	Archer, Cathro & Associates Ltd.
NIS	29	YC01617	06-Nov-98	06-Feb-01	06-Feb-05	VII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	30	YC01618	06-Nov-98	06-Feb-01	06-Feb-05	VII	YES	5					$236.78	$939.53	Archer, Cathro & Associates Ltd.
NIS	31	YC01619	06-Nov-98	06-Feb-01	06-Feb-05	VII	YES	7				1	$236.78	$1,930.13	Archer, Cathro & Associates Ltd.

AUREX PROJECT, ASSESSMENT FILING SUMMARY -NOV. 2000

Claim Name	Claim Number	Record Number	Record Date	Expiry Date	Pending Expiry Date	Group Number	Application OK	Soils	Rocks	Linecutting	Trenching	Auger	Airborne	Total	Registered Owner
NIS	32	YC01620	06-Nov-98	06-Feb-01	06-Feb-05	VII	YES	6				1	$236.78	$1,789.58	Archer, Cathro & Associates Ltd.
NIS	33	YC01621	06-Nov-98	06-Feb-01	06-Feb-05	VII	YES	3	2				$236.78	$1,747.61	Archer, Cathro & Associates Ltd.
NIS	34	YC01622	06-Nov-98	06-Feb-01	06-Feb-05	VII	YES	4					$236.78	$798.98	Archer, Cathro & Associates Ltd
NIS	35	YC01623	06-Nov-98	06-Feb-01	06-Feb-05	VII	YES	1	11				$236.78	$6,368.52	Archer, Cathro & Associates Ltd
NIS	36	YC01624	06-Nov-98	06-Feb-01	06-Feb-05	VII	YES	1					$236.78	$377.33	Archer, Cathro & Associates Ltd.
NIS	37	YC01625	06-Nov-98	06-Feb-01	06-Feb-05	VI	YES	1	7				$236.78	$4,190.16	Archer, Cathro & Associates Ltd.
NIS	38	YC01626	06-Nov-98	06-Feb-01	06-Feb-05	VI	YES	3	2				$236.78	$1,747.61	Archer, Cathro & Associates Ltd.
NIS	39	YC01627	06-Nov-98	06-Feb-01	06-Feb-05	V	YES	3					$236.78	$658.43	Archer, Cathro & Associates Ltd.
NIS	40	YC01628	06-Nov-98	06-Feb-01	06-Feb-05	V	YES	2	2				$236.78	$1,607.25	Archer, Cathro & Associates Ltd.
NIS	41	YC01629	06-Nov-98	06-Feb-01	06-Feb-05	V	YES	0					$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	42	YC01630	06-Nov-98	06-Feb-01	06-Feb-05	V	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	43	YC01631	06-Nov-98	06-Feb-01	06-Feb-05	V	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	44	YC01632	06-Nov-98	06-Feb-01	06-Feb-05	V	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	45	YC01633	06-Nov-98	06-Feb-01	06-Feb-05	V	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	46	YC01634	06-Nov-98	06-Feb-01	06-Feb-05	V	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	47	YC01635	06-Nov-98	06-Feb-01	06-Feb-05	V	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	48	YC01636	06-Nov-98	06-Feb-01	06-Feb-05	V	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	49	YC01637	06-Nov-98	06-Feb-01	06-Feb-05	VII	YES	1					$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	50	YC01638	06-Nov-98	06-Feb-01	06-Feb-05	VII	YES						$236.78	$377.33	Archer, Cathro & Associates Ltd.
NIS	51	YC01639	06-Nov-98	06-Feb-01	06-Feb-05	VII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	52	YC01640	06-Nov-98	06-Feb-01	06-Feb-05	VII	YES	5					$236.78	$939.53	Archer, Cathro & Associates Ltd.
NIS	53	YC01641	06-Nov-98	06-Feb-01	06-Feb-05	VII	YES	6					$236.78	$1,060.06	Archer, Cathro & Associates Ltd.
NIS	54	YC01642	06-Nov-98	06-Feb-01	06-Feb-05	VII	YES	4					$236.78	$798.98	Archer, Cathro & Associates Ltd.
NIS	55	YC01643	06-Nov-98	06-Feb-01	06-Feb-05	VI	YES	2					$236.78	$517.88	Archer, Cathro & Associates Ltd.
NIS	56	YC01644	06-Nov-98	06-Feb-01	06-Feb-05	VI	YES	5					$236.78	$939.53	Archer, Cathro & Associates Ltd.
NIS	57	YC01645	06-Nov-98	06-Feb-01	06-Feb-05	VI	YES	4					$236.78	$798.98	Archer, Cathro & Associates Ltd.
NIS	58	YC01646	06-Nov-98	06-Feb-01	06-Feb-05	VI	YES	2					$236.78	$517.88	Archer, Cathro & Associates Ltd.
NIS	59	YC01647	06-Nov-98	06-Feb-01	06-Feb-05	VI	YES	4					$236.78	$798.98	Archer, Cathro & Associates Ltd.
NIS	60	YC01648	06-Nov-98	06-Feb-01	06-Feb-05	VI	YES	3					$236.78	$658.43	Archer, Cathro & Associates Ltd.
NIS	61	YC01649	06-Nov-98	06-Feb-01	06-Feb-05	VI	YES	3					$236.78	$658.43	Archer, Cathro & Associates Ltd.
NIS	62	YC01650	06-Nov-98	06-Feb-01	06-Feb-05	VI	YES						$236.78	$377.33	Archer, Cathro & Associates Ltd.
NIS	63	YC01651	06-Nov-98	06-Feb-01	06-Feb-05	VI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	64	YC01652	06-Nov-98	06-Feb-01	06-Feb-05	VI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	65	YC01653	06-Nov-98	06-Feb-01	06-Feb-05	VI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	66	YC01654	06-Nov-98	06-Feb-01	06-Feb-05	VI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	67	YC01655	06-Nov-98	06-Feb-01	06-Feb-05	VI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	68	YC01656	06-Nov-98	06-Feb-01	06-Feb-05	VI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.

AUREX PROJECT, ASSESSMENT FILING SUMMARY -NOV. 2000

Claim Name	Claim Number	Record Number	Record Date	Expiry Date	Pending Expiry Date	Group Number	Application OK	Soils	Rocks	Linecutting	Trenching	Auger	Airborne	Total	Registered Owner
NIS	69	YC01657	06-Nov-98	06-Feb-01	06-Feb-05	IV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	70	YC01658	06-Nov-98	06-Feb-01	06-Feb-05	IV	YES	5					$236.78	$939.53	Archer, Cathro & Associates Ltd.
NIS	71	YC01659	06-Nov-98	06-Feb-01	06-Feb-05	IV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	72	YC01660	06-Nov-98	06-Feb-01	06-Feb-05	IV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	73	YC01661	06-Nov-98	06-Feb-01	06-Feb-05	III	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	74	YC01662	06-Nov-98	06-Feb-01	06-Feb-05	III	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
NIS	75	YC01663	06-Nov-98	06-Feb-01	06-Feb-05	III	YES	1		0.4			$236.78	$1,310.17	Archer, Cathro & Associates Ltd.
FISHER	23	YC01996	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	24	YC01997	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	25	YC01998	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	26	YC01999	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	27	YC02000	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	28	YC02001	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	29	YC02002	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	30	YC02003	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	31	YC02004	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	32	YC02005	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	33	YC02006	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	34	YC02007	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	35	YC02008	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	36	YC02009	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	37	YC02010	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	38	YC02011	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	39	YC02012	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	40	YC02013	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	41	YC02014	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	42	YC02015	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	43	YC02016	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	44	YC02017	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	45	YC02018	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	46	YC02019	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	47	YC02020	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	48	YC02021	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	49	YC02022	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	50	YC02023	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	51	YC02024	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	52	YC02025	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.

AUREX PROJECT, ASSESSMENT FILING SUMMARY -NOV. 2000

Claim Name	Claim Number	Record Number	Record Date	Expiry Date	Pending Expiry Date	Group Number	Application OK	Soils	Rocks	Linecutting	Trenching	Auger	Airborne	Total	Registered Owner
FISHER	53	YC02026	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd
FISHER	54	YC02027	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	55	YC02028	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	56	YC02029	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	57	YC02030	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	58	YC02031	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	59	YC02032	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	60	YC02033	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	61	YC02034	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	62	YC02035	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	63	YC02036	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	64	YC02037	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer Cathro & Associates Ltd.
FISHER	65	YC02038	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer Cathro & Associates Ltd.
FISHER	66	YC02039	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
FISHER	67	YC02040	22-Nov-99	22-Nov-00	06-Feb-03	n/a	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	1	YC02041	22-Nov-99	22-Nov-00	22-Feb-05	XV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	2	YC02042	22-Nov-99	22-Nov-00	22-Feb-05	XI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	3	YC02043	22-Nov-99	22-Nov-00	22-Feb-05	XV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	4	YC02044	22-Nov-99	22-Nov-00	22-Feb-05	XV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	5	YC02045	22-Nov-99	22-Nov-00	22-Feb-05	XV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	6	YC02046	22-Nov-99	22-Nov-00	22-Feb-05	XV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	7	YC02047	22-Nov-99	22-Nov-00	22-Feb-05	XV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	8	YC02048	22-Nov-99	22-Nov-00	22-Feb-05	XV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	9	YC02049	22-Nov-99	22-Nov-00	22-Feb-05	XV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	10	YC02050	22-Nov-99	22-Nov-00	22-Feb-05	XV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	11	YC02051	22-Nov-99	22-Nov-00	22-Feb-05	XV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	12	YC02052	22-Nov-99	22-Nov-00	22-Feb-05	XV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	13	YC02053	22-Nov-99	22-Nov-00	22-Feb-05	XV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	14	YC02054	22-Nov-99	22-Nov-00	22-Feb-05	XV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	23	YC02063	22-Nov-99	22-Nov-00	22-Feb-05	XIV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	24	YC02064	22-Nov-99	22-Nov-00	22-Feb-05	XIV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	25	YC02065	22-Nov-99	22-Nov-00	22-Feb-05	XVI	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	26	YC02066	22-Nov-99	22-Nov-00	22-Feb-05	XIV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	27	YC02067	22-Nov-99	22-Nov-00	22-Feb-05	XIV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	28	YC02068	22-Nov-99	22-Nov-00	22-Feb-05	XIV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	29	YC02069	22-Nov-99	22-Nov-00	22-Feb-05	XIV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	30	YC02070	22-Nov-99	22-Nov-00	22-Feb-05	XIV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.

AUREX PROJECT, ASSESSMENT FILING SUMMARY -NOV. 2000

Claim Name	Claim Number	Record Number	Record Date	Expiry Date	Pending Expiry Date	Group Number	Application OK	Soils	Rocks	Linecutting	Trenching	Auger	Airborne	Total	Registered Owner
REX	31	YC02071	22-Nov-99	22-Nov-00	22-Feb-05	XIV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	32	YC02072	22-Nov-99	22-Nov-00	22-Feb-05	XII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	33	YC02073	22-Nov-99	22-Nov-00	22-Feb-05	XIII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	34	YC02074	22-Nov-99	22-Nov-00	22-Feb-05	XIII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	35	YC02075	22-Nov-99	22-Nov-00	22-Feb-05	XIII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	36	YC02076	22-Nov-99	22-Nov-00	22-Feb-05	XIII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	37	YC02077	22-Nov-99	22-Nov-00	22-Feb-05	XII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	38	YC02078	22-Nov-99	22-Nov-00	22-Feb-05	XII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	39	YC02079	22-Nov-99	22-Nov-00	22-Feb-05	XII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	40	YC02080	22-Nov-99	22-Nov-00	22-Feb-05	XII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	41	YC02081	22-Nov-99	22-Nov-00	22-Feb-05	XII	YES						$236.78	$236.78	Archer Cathro & Associates Ltd.
REX	42	YC02082	22-Nov-99	22-Nov-00	22-Feb-05	XIII	YES						$236.78	$236.78	Archer Cathro & Associates Ltd.
REX	43	YC02083	22-Nov-99	22-Nov-00	22-Feb-05	XIII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	44	YC02084	22-Nov-99	22-Nov-00	22-Feb-05	XII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	45	YC02085	22-Nov-99	22-Nov-00	22-Feb-05	XII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	46	YC02086	22-Nov-99	22-Nov-00	22-Feb-05	XIII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	47	YC02087	22-Nov-99	22-Nov-00	22-Feb-05	XIII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	48	YC02088	23-Nov-99	23-Nov-00	22-Feb-05	XIV	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
REX	49	YC02089	23-Nov-99	23-Nov-00	22-Feb-05	XII	YES						$236.78	$236.78	Archer, Cathro & Associates Ltd.
375								160	79	12.68	85	96	$83,347	$263,147	